

Official Notice

Madrid, October 23, 2019

In relation to the official notice registered with the Spanish Securities Market Commission (*Comisión Nacional del Mercado de Valores – CNMV*) on August 29, 2019 relating to the Buy-back Programme implemented by the Company pursuant to the authorization granted by the Annual Shareholders' Meeting held on May 31, 2019, under item seven of the agenda (the "**Buy-back Programme**"), Repsol informs that between October 16 and 22, 2019 the Company has carried out the following transactions under the Buy-back Programme:

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)
16-oct-19	REP.MC	Acquisition	XMAD	1,043,000	14.700
16-oct-19	REP.MC	Acquisition	BATE	159,000	14.701
16-oct-19	REP.MC	Acquisition	TRQX	74,000	14.706
16-oct-19	REP.MC	Acquisition	CHIX	284,000	14.700
17-oct-19	REP.MC	Acquisition	XMAD	1,274,585	14.801
17-oct-19	REP.MC	Acquisition	BATE	196,019	14.835
17-oct-19	REP.MC	Acquisition	TRQX	87,761	14.841
17-oct-19	REP.MC	Acquisition	CHIX	341,635	14.823
18-oct-19	REP.MC	Acquisition	XMAD	1,276,274	14.537
18-oct-19	REP.MC	Acquisition	BATE	193,040	14.579
18-oct-19	REP.MC	Acquisition	TRQX	88,716	14.568
18-oct-19	REP.MC	Acquisition	CHIX	341,970	14.569
21-oct-19	REP.MC	Acquisition	XMAD	775,974	14.612
21-oct-19	REP.MC	Acquisition	BATE	194,204	14.622
21-oct-19	REP.MC	Acquisition	TRQX	89,652	14.624
21-oct-19	REP.MC	Acquisition	CHIX	340,170	14.617
22-oct-19	REP.MC	Acquisition	XMAD	763,109	14.616
22-oct-19	REP.MC	Acquisition	BATE	192,053	14.623
22-oct-19	REP.MC	Acquisition	TRQX	87,561	14.625
22-oct-19	REP.MC	Acquisition	CHIX	336,533	14.617

Detailed information on each of the transactions carried out during the indicated period is attached as an annex.

This information is provided pursuant to the provisions of article 2.2 and 2.3 of the Commission Delegated Regulation (EU) No. 2016/1052, 8 March 2016, supplementing the Regulation (EU) No. 596/2014 on Market Abuse with regard to the regulatory technical standards for the conditions applicable to buy-back programmes and stabilization measures.

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
16-oct-19	REP.MC	Acquisition	XMAD	1,886	14.660	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	TRQX	273	14.655	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	74	14.655	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	150	14.655	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	BATE	347	14.660	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	CHIX	671	14.655	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	BATE	153	14.660	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	1,851	14.660	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	BATE	154	14.660	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	BATE	544	14.660	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	CHIX	276	14.660	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	1,792	14.660	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	BATE	194	14.660	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	1,700	14.660	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	482	14.660	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	CHIX	131	14.655	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	CHIX	385	14.655	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	CHIX	220	14.655	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	CHIX	284	14.670	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	2,372	14.670	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	500	14.670	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	CHIX	219	14.670	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	CHIX	344	14.675	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	CHIX	344	14.675	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	CHIX	344	14.675	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	TRQX	437	14.675	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	2,096	14.675	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	TRQX	421	14.675	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	419	14.675	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	TRQX	293	14.675	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	1,725	14.675	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	232	14.675	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	TRQX	251	14.675	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	CHIX	503	14.675	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	BATE	333	14.675	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	1,067	14.675	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	CHIX	205	14.675	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	BATE	817	14.670	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	500	14.670	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	500	14.670	Société Générale Corporate & Investment Banking
16-oct-19	REP.MC	Acquisition	XMAD	500	14.670	Société Générale Corporate & Investment Banking

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	CHIX	589	14.680	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	552	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	317	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	42	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	1,091	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	570	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	570	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	612	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	612	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	42	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	322	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	322	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	283	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,426	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,400	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,064	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	510	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,945	14.690	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,369	14.720	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	987	14.720	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,188	14.720	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,551	14.720	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	356	14.720	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.710	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,084	14.710	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	812	14.735	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	495	14.740	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,052	14.740	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	540	14.740	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,000	14.740	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,602	14.740	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	950	14.735	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	1,016	14.735	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	952	14.735	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,485	14.740	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	413	14.740	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	631	14.735	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,468	14.735	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	674	14.735	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	959	14.730	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,211	14.725	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	814	14.725	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,153	14.745	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.745	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	9,096	14.745	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	445	14.735	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,000	14.735	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,869	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	6,648	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	3,399	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,736	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	964	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,432	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	764	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	267	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	346	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,629	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	269	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	238	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,654	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	869	14.750	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,262	14.745	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,303	14.750	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,111	14.750	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	48	14.750	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	XMAD	332	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,472	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,728	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	429	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	143	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	103	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	343	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	303	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	143	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	103	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	343	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	103	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	103	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	103	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	193	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	143	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	110	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	177	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	69	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,719	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,271	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,164	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	892	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	141	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	280	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	802	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	578	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	384	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,483	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,934	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	886	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	412	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	905	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	889	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	861	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	103	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	907	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,049	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	102	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	73	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	813	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	579	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,191	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	918	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	315	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	250	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,400	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,157	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	986	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	556	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	479	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	352	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	88	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	178	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	965	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	915	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	641	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,136	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	55	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	362	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,908	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,055	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	97	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	589	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	6,099	14.825	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	CHIX	142	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	867	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,965	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,899	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	967	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	184	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,779	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	972	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,927	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	923	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	138	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,292	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	982	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	121	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,659	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	908	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	912	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,000	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	242	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	636	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	93	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	86	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	160	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	3,045	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	179	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	400	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	473	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	509	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,351	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,043	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	324	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	925	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	405	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	263	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,449	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	707	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	313	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	379	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	70	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,400	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,843	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	988	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,329	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	644	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,823	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	998	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	543	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	336	14.845	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.845	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	585	14.845	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	794	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,100	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	794	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,197	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	69	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	384	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	386	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	32	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,627	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	562	14.860	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	XMAD	227	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,099	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	31	14.865	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	891	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,236	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	2,127	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	891	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	432	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	11	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	616	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	382	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	300	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	36	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	64	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,879	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,879	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	102	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	989	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	951	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	402	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	204	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	143	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	409	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	295	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	289	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	415	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	78	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	355	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	134	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	285	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	143	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	143	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	76	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	143	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	59	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,992	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	13	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	604	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	299	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	855	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	214	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	920	14.865	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	441	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	610	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,422	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	424	14.865	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,400	14.865	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	495	14.865	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	126	14.865	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	964	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	143	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	143	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	32	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	143	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	191	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	621	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	71	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	143	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	71	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	29	14.880	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	TRQX	71	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,883	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,830	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,646	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	114	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	71	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	143	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	71	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	406	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	241	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	159	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	890	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	867	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	444	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	615	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	215	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	549	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	884	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,002	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	115	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	747	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	624	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	71	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	71	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	71	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	265	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,353	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	385	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	493	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	449	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	621	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	218	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,295	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	197	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	57	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	614	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	953	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	287	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.895	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	61	14.895	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,200	14.895	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	97	14.900	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	500	14.900	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	137	14.900	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	108	14.900	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	568	14.900	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	315	14.900	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,276	14.900	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,102	14.895	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	770	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	172	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	197	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	473	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	928	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	977	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	325	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	5,096	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	990	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,737	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,701	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	16	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	324	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	70	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	35	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,043	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	218	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	356	14.875	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	TRQX	71	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	148	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	70	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	360	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	391	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	304	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	834	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	525	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,498	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	421	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	204	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	911	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	460	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	548	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	656	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	256	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	329	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	61	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,759	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,172	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,032	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	762	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	915	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	4,093	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	37	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	592	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	384	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	290	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,000	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	889	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,419	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	3,072	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,784	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	789	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	526	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	685	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	550	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,864	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	933	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	894	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,014	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,000	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	922	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	500	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	162	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	297	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	70	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	193	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	353	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,292	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	467	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	120	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	47	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	21	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	350	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	21	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	146	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,703	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	194	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	566	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	4,295	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	632	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,508	14.860	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	TRQX	500	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	7,069	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	3,034	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	2,189	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	1,060	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	386	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	490	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	804	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	379	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,251	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,598	14.890	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,307	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,269	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	320	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	250	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	323	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	327	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	56	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,808	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	650	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	900	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	329	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	18	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	1,287	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	1,323	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	814	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,841	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,005	14.870	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	6,107	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	169	14.875	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,500	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,556	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,123	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	544	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	777	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	126	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	970	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	49	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,512	14.890	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	468	14.890	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	649	14.890	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	227	14.890	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,312	14.900	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	986	14.890	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,018	14.890	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	1,001	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,040	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	79	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	79	14.890	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	116	14.890	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	274	14.890	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	258	14.905	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	186	14.905	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	341	14.905	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	57	14.905	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	354	14.905	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	190	14.905	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,322	14.905	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	258	14.905	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	465	14.905	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	457	14.905	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	366	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	695	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	502	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	243	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,000	14.915	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	XMAD	253	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	394	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	636	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,078	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	38	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	862	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	136	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	654	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	316	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,335	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	273	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	768	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	361	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	328	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	427	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	241	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	276	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,068	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	642	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	513	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,118	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	578	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	593	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,238	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	786	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,647	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	275	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,122	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	896	14.950	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	944	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	943	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	885	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	924	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,029	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	993	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	887	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	996	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	52	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	891	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	23	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,021	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	862	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,913	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	882	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	983	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	259	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	615	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	473	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	489	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	939	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,018	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,011	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	463	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,375	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	904	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	201	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	808	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	7	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	202	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,151	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	502	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	595	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	645	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	250	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	250	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	652	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	570	14.925	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	XMAD	226	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,277	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	544	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	74	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	908	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,727	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	33	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	108	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	607	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	263	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	343	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	214	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,987	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,816	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,468	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	631	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	454	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	220	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	466	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	161	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,186	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	894	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	600	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	421	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	690	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	341	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	548	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,139	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	741	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	563	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,265	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	218	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	36	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	648	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,234	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	1,813	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	360	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	627	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	429	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	2,423	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,027	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	782	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	782	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	141	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	938	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	155	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	1,850	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	896	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	916	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	634	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	50	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	200	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	364	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	348	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	947	14.955	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	288	14.955	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	791	14.955	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	595	14.955	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,921	14.955	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	436	14.950	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	920	14.950	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	522	14.950	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	894	14.950	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	CHIX	448	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	410	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	173	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	625	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	109	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	164	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	956	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	868	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	437	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	458	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	26	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,028	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	764	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	934	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	795	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	164	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,805	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	345	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	660	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	550	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	751	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	162	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,183	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	976	14.945	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	287	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	491	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	96	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	594	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,000	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	918	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,040	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	823	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	288	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	351	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	66	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	391	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	301	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	185	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	870	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,458	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	22	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	117	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	116	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	91	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,544	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,721	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	258	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	740	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	533	14.940	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,014	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	974	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	746	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	866	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	92	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	304	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	671	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	943	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,766	14.935	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	996	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,964	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	843	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	608	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	295	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	912	14.930	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	CHIX	80	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	790	14.925	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,700	14.930	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	30	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	278	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	30	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	971	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,626	14.920	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	951	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	174	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	758	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	149	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	12	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	228	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	86	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	193	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	895	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	465	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	230	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	638	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	742	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	233	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	902	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,003	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	500	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	845	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	556	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	586	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	306	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	998	14.915	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,036	14.910	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,061	14.910	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,042	14.910	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,748	14.910	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	1,555	14.910	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	173	14.910	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	992	14.910	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,508	14.910	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	691	14.910	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	877	14.900	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,787	14.905	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	2,625	14.905	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	976	14.905	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	88	14.900	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,863	14.900	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	16	14.895	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	927	14.895	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	82	14.895	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,234	14.895	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	804	14.895	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,050	14.895	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	969	14.890	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,930	14.890	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	914	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	227	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	699	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	899	14.885	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	904	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	868	14.880	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	132	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	85	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	98	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	175	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,019	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	862	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	550	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	376	14.860	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	BATE	245	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	61	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	948	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	804	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	71	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	412	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	357	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,401	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,044	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	323	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	907	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	911	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	66	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	421	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	548	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	1,092	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,121	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,365	14.845	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	730	14.845	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	908	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	34	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	110	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	371	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	515	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	836	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	27	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	639	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	353	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	953	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	237	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	496	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	716	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	495	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	16	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	717	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	458	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	173	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	110	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	114	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	125	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	303	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	620	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	277	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	36	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	940	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	1,054	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	911	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	976	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	868	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	1,054	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	577	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	323	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	45	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	429	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	994	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,055	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	481	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	533	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,049	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	978	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	533	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	533	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,015	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	764	14.805	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	XMAD	1,895	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,937	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	985	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	870	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	10	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,195	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	131	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	131	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,421	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	192	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,000	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	179	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	101	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,037	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,298	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,466	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,604	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	360	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,534	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	243	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	81	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	247	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	195	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	353	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	402	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	494	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	438	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	90	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	324	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	415	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	584	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	243	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,130	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	250	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	250	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	250	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,697	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	4	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	24	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	608	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	243	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	410	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,494	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	199	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,325	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	365	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	467	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	480	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	392	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	157	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	579	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	395	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	699	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	344	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	346	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	250	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	308	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	488	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,527	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	363	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	363	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	151	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	804	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,246	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	354	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,018	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.835	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	CHIX	826	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	136	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	100	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,758	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,038	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	95	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	850	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,042	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	752	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,427	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	950	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	94	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,015	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,635	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	433	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,031	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	40	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	116	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	345	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	702	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	45	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	245	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	4,690	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	96	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,009	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	92	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,322	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	578	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,495	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	398	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	132	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	298	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,319	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	124	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	461	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	215	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,696	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	101	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	269	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	622	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,862	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,507	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	746	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	677	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	659	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	489	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	235	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,800	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,255	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,305	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	907	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	2,721	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	114	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	80	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	152	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	595	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	705	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	89	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	262	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	933	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	114	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	31	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	80	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	777	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	134	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	628	14.850	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	XMAD	3,000	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	84	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	680	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	942	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	329	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	963	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,068	14.860	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	4	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	938	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	917	14.855	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	852	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	51	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	2,109	14.850	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	159	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	181	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	273	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	983	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	481	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	250	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	203	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	172	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	673	14.840	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	932	14.835	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	437	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,090	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,218	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	920	14.830	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	982	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	854	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	131	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	933	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	25	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	384	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	535	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	919	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	931	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	41	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	176	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,024	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,019	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,017	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	865	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	865	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	585	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	459	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	126	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	137	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	14	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	601	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	601	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	14	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	14	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	14	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	14	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	54	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	587	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	66	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,971	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	924	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	44	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,825	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	831	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	159	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	160	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	724	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	177	14.780	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	XMAD	175	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	176	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	183	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	470	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	113	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	899	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	702	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,662	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	673	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	485	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	235	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	750	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	123	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,382	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	874	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	866	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	356	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	49	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	2,375	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	2,941	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	481	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,204	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,956	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,556	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	707	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	560	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	986	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	303	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	948	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	987	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,406	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	611	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	213	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	190	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,026	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	532	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,821	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	497	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	697	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	823	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,220	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,377	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,425	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,412	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,496	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	4	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,725	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,240	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	602	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	4,913	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,095	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	159	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	57	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	817	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	881	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	913	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	1,723	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	934	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,514	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	942	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	629	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	871	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	304	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,562	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	964	14.820	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	CHIX	905	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	964	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	768	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	2,747	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	372	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,100	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,326	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	189	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	534	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	7	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	181	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	121	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	389	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	86	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	134	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	595	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	185	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	11	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	813	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	19	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,040	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	518	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	400	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	2,178	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,500	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	4,637	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	913	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,189	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	958	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	787	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,012	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	910	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,225	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,085	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,709	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,126	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,749	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	883	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,020	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	258	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,750	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	532	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	68	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	532	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	532	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	311	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,964	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	669	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	743	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	184	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	324	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,270	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,123	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	279	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	383	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,035	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	509	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	788	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	824	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,198	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	909	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	316	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	291	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	840	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	294	14.815	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	XMAD	2,973	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	768	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	808	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	250	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	527	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	13	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	403	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	992	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	589	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	538	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	883	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	692	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,007	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	174	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	332	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	873	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	335	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	303	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,053	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,000	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,257	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	204	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	421	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,654	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,916	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	301	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,803	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	620	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,005	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,465	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	158	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	616	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	297	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,862	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,976	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,859	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	689	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	388	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	369	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	50	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	33	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,762	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	462	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,230	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	772	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,189	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	904	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,249	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,432	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	582	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	691	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,512	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,830	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,000	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	467	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	927	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	907	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,868	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,487	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	778	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	936	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	979	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	989	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	336	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,187	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,123	14.825	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	XMAD	1,123	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,173	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	824	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	3,369	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	560	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,705	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	74	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	50	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,108	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	354	14.825	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	322	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	943	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	49	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,867	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,097	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	4,537	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	393	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	194	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	270	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	439	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	515	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,928	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	740	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	204	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	994	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	505	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	505	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	429	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	396	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	235	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	219	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	464	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,600	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,496	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	608	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	607	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,431	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,777	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	274	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	279	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	57	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	600	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	32	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,000	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	925	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	561	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	368	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	3,390	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,002	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	582	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	450	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	338	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	300	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	500	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	57	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	494	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	413	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,538	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	134	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	211	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,209	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	211	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	389	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	345	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	709	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	252	14.815	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	BATE	518	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,404	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	37	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	813	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	324	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	595	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	481	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,147	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	345	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,071	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	681	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	681	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	777	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	946	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	393	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	352	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,034	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,191	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,531	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,287	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	86	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	895	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	218	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	546	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	83	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	105	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	305	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	305	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	46	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	128	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	46	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	107	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	4	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	220	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	220	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	45	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	903	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	831	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,601	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	787	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,088	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,500	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	335	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	36	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	464	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	335	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	716	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	335	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	723	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	299	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	33	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,079	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,079	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	523	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	266	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	640	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	481	14.820	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	CHIX	843	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	505	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	317	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	400	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	496	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,204	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	878	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	580	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,478	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	335	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	50	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	364	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,784	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,287	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,000	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,188	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	532	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,100	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	76	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	843	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	432	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,300	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	684	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	56	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	750	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,874	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,760	14.820	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	961	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	989	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,380	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	539	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	461	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	634	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	8	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	40	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	157	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	209	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	762	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	581	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	350	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	30	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,408	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	749	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,384	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	903	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,028	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	356	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	22	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	383	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	373	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	127	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	122	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,383	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	238	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	276	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	546	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	511	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	109	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	238	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	206	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,650	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.810	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	XMAD	500	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	715	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	504	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	698	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,392	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	930	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	94	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	698	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	242	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	71	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,738	14.815	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	847	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	21	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	104	14.810	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	790	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	570	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,630	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,900	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	114	14.805	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,823	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	630	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	60	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,937	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	944	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	964	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	943	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	710	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	970	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	376	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,860	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	472	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	935	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	376	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	899	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	865	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	62	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	571	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,109	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	310	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	519	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	276	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	640	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	307	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	400	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	863	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	137	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	871	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,555	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	431	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	597	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	209	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	32	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	568	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	110	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	296	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	356	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	674	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	384	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,236	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	447	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,035	14.785	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	602	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,023	14.780	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	CHIX	3,144	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,321	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,110	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	313	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	2,107	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	990	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	967	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	68	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	333	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	430	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	876	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	53	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	7,820	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	288	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	2	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	4,493	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	2,151	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,000	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	39	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,000	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	4,327	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	100	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	642	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	859	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	989	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	500	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	142	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	591	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	19	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	873	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	20	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,763	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,628	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	89	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	383	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	645	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	413	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	2,258	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	558	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	505	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	908	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	460	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,139	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	761	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	661	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	480	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	2,352	14.770	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,080	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	364	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	364	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	364	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	180	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	364	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	184	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	364	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	364	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	108	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	184	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	362	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	362	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	362	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	362	14.780	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	CHIX	1,349	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	976	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	579	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,718	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	579	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	572	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	513	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	150	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	454	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	733	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,469	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	743	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	176	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	341	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	341	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	341	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	341	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	341	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	412	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	765	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	451	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	3,012	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	868	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,019	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	866	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	900	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,920	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	893	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	979	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	904	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	943	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	913	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,037	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,045	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	868	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	995	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	968	14.800	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	1,171	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,400	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,225	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	14,608	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,371	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,700	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	19,608	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	421	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,400	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	753	14.795	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	622	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,852	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	CHIX	1,429	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,506	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	551	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	706	14.790	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,866	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	200	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	731	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	14,520	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,184	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	181	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	368	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,091	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	310	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	321	14.780	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	XMAD	12,200	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	315	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	300	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	200	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	35	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	243	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	4,798	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	19,276	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,227	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	955	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	978	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	214	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	195	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	350	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,757	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	5,720	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,749	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	789	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	4	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,750	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	4	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,400	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	930	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	10,956	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,684	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,897	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	15,317	14.780	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	4,642	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,875	14.775	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	7,808	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	6,300	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	10,956	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,291	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	34	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,259	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,087	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	255	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,556	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	682	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,145	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,400	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	20,174	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,659	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	20,103	14.765	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,400	14.745	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,229	14.745	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,400	14.745	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,872	14.745	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,840	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,399	14.750	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	569	14.745	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	TRQX	250	14.745	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	6,315	14.745	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	350	14.740	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,604	14.740	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.745	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,386	14.745	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	4,133	14.745	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
17-oct-19	REP.MC	Acquisition	XMAD	163	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	10,891	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,690	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,775	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,935	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,450	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	949	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,342	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	444	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,400	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	6,800	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	934	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	BATE	228	14.760	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	277	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	700	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	2,524	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	7,266	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,641	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	17,274	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	10,792	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	8,746	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,194	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	4,144	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,576	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	20,332	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	3,400	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	729	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	500	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	1,296	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	990	14.755	Morgan Stanley Europe SE
17-oct-19	REP.MC	Acquisition	XMAD	327	14.755	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	176	14.730	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	176	14.730	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	393	14.730	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	593	14.730	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	176	14.730	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	176	14.730	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	313	14.730	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	742	14.730	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	886	14.730	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	932	14.730	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,400	14.730	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,277	14.730	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,282	14.730	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,968	14.725	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	883	14.725	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	185	14.705	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,493	14.705	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	2,180	14.705	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,111	14.705	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	492	14.705	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	464	14.705	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	350	14.705	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	310	14.705	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	885	14.685	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	174	14.685	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,063	14.700	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	372	14.700	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	319	14.700	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	160	14.700	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	160	14.700	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	160	14.700	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	196	14.690	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	272	14.690	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	BATE	196	14.690	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	512	14.690	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	633	14.695	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	633	14.695	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	508	14.695	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	202	14.695	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	357	14.695	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	57	14.695	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	89	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	819	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	35	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	54	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	390	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	650	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	786	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	145	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	98	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	98	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	98	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	137	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	429	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	98	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	137	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	98	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	72	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	14	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	98	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	98	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	31	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	317	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	624	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	482	14.665	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	668	14.665	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	234	14.665	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,557	14.665	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	446	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	437	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	884	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	915	14.620	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	52	14.620	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	869	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	708	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	511	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,648	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	75	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	473	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	139	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,633	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	447	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,454	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	631	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	898	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	812	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	39	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	323	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	165	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	304	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	78	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	382	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	118	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	118	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	165	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	118	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	113	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	423	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	348	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	165	14.635	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	CHIX	165	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	382	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	456	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	633	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	122	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,371	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	169	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	122	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	393	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	122	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	122	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	169	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	122	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	122	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	122	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	393	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	393	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	122	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	24	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	169	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	169	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	169	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	394	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	392	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	122	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	122	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	684	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	684	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	365	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,186	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	855	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,762	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	70	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	953	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	866	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	866	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	901	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,031	14.620	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	993	14.615	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	351	14.620	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	224	14.620	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.620	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,433	14.620	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	34	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	120	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	476	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	826	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	289	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,925	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,665	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,016	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,048	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	888	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	950	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	914	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,037	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	392	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	608	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	138	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	633	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	910	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	311	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	62	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	596	14.615	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	584	14.615	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	CHIX	825	14.615	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	813	14.615	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	289	14.615	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,923	14.615	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.615	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	711	14.615	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	289	14.615	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	820	14.615	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	105	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	474	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	686	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	117	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	281	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	264	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	850	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	264	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	264	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	166	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	98	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	350	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	850	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	600	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	222	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,004	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	343	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	343	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	149	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,110	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	706	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	23	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	72	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	106	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	300	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	106	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	300	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	72	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	106	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	85	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	65	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	41	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	149	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	568	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	106	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	106	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	106	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	106	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	106	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	200	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	518	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	265	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	994	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	898	14.650	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	907	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	14	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	54	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	983	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	888	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,839	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	900	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,115	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	1,034	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	162	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	408	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	791	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	570	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	516	14.660	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	BATE	202	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	275	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,840	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,496	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	275	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	5	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	320	14.660	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,559	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	115	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	292	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	415	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	494	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	81	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	81	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	263	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	187	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	223	14.655	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,041	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	922	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	54	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	930	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	896	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	911	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	918	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	370	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	19	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	54	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	459	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	907	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	10	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	99	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	109	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	117	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	534	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	935	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,952	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	84	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,625	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	35	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	323	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	496	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	358	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	593	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	39	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	139	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	41	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	38	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	496	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	101	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,445	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	455	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	488	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	496	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	358	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	57	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	281	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	215	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	358	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	12	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	116	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	12	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	14	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	53	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	2	14.645	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	BATE	119	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	468	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,497	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	931	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	31	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,896	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	119	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,054	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	703	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	367	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	385	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	385	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	260	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	333	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	950	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	33	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,184	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	385	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	385	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	385	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	106	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,290	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	119	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,098	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	248	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	858	14.645	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	503	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,309	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,047	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	570	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	511	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	725	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	931	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	211	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,019	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	42	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,980	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	282	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	282	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	654	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	838	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	600	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	282	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	53	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	434	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	602	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,389	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	320	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	406	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	888	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	936	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	634	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	216	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	128	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	893	14.620	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	974	14.620	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	914	14.620	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	912	14.615	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	105	14.615	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.615	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,303	14.615	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,392	14.610	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	59	14.610	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,019	14.610	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	BATE	45	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	898	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,423	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,367	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,034	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	40	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,905	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,594	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	35	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	934	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	653	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,476	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	228	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,239	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,410	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,443	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	72	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	106	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	24	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	67	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	172	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	333	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	172	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	385	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	172	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	67	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	68	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	116	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	774	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	44	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	602	14.640	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,774	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	920	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,079	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	979	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	11	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	395	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	516	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	655	14.635	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	400	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,483	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	26	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	937	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	833	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	364	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	5	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	237	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	194	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	335	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	13	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	81	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	186	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,458	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	509	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	6,771	14.630	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	862	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	498	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	391	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	662	14.625	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	908	14.610	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,127	14.610	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.610	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	TRQX	6	14.610	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	112	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	2,544	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	516	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	597	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	1,197	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	23	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,025	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	856	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	810	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	508	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	35	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	760	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	6	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	240	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	68	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	923	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	149	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	685	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	213	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	295	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,273	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	703	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	736	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	312	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	788	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	145	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	158	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	180	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	996	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	670	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	600	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	430	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	993	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,002	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	947	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	728	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	135	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	910	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	892	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,579	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	489	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	237	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,578	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	952	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,036	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	200	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	168	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,200	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	870	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,894	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	500	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,930	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	981	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,328	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	989	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,517	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	193	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	412	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	462	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	106	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	50	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	2,261	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,655	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	453	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	629	14.560	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	TRQX	220	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,464	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	13	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	117	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	128	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	662	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	863	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	14	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	863	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,017	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	926	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	886	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	747	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	339	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	241	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	57	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	281	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,966	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	915	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,904	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	879	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	496	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,625	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	467	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	496	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	13	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	784	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,086	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	380	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,466	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	880	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	124	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	924	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	14	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	466	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	458	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,642	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	236	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	317	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	767	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	268	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,535	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	622	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,945	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	34	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	584	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	324	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	420	14.535	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,208	14.535	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	145	14.535	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	193	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	800	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	125	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,892	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,295	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	934	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	452	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,936	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,914	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	813	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	180	14.545	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	XMAD	1,920	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,026	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	22	14.535	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	86	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,012	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	804	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	223	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	431	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	338	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,487	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	112	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	338	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	1,248	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	339	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	264	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	586	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	142	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	349	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	461	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	366	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,000	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	461	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	167	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	745	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	557	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	182	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	1,863	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	941	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	915	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,116	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	163	14.535	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	686	14.535	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,026	14.535	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	933	14.535	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	292	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	380	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	767	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,200	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	46	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	871	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	965	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	403	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	366	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	219	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	345	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	713	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,790	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	55	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	9	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	250	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	908	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,122	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,338	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	290	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	149	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	781	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	385	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	106	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	14	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	290	14.575	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	CHIX	649	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	198	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	507	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	149	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	312	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	261	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	304	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	228	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	303	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	432	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	55	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	308	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,932	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,122	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	95	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	514	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	73	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	133	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	95	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	95	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	234	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	95	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	95	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	73	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	56	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	13	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	26	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	325	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	64	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	575	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	673	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	250	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	952	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	921	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	69	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	786	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	253	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	537	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,030	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	29	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	124	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	17	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	112	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,061	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	490	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,651	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	238	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,584	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,773	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,804	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	919	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	896	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	891	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	49	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	753	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	266	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	177	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,231	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	531	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	93	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	629	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	618	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	243	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	279	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	43	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	891	14.555	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	XMAD	644	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	655	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	252	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	345	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,152	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,006	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	2,923	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	487	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	913	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	36	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,249	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	407	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,221	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	300	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	99	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	373	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	362	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	177	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	162	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	534	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	119	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	17	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	860	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	398	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	458	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	1,262	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	167	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	978	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	209	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,100	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	301	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	890	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	329	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	952	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	856	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	128	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,035	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	915	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	11	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	81	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	373	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	159	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	579	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	904	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	393	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	298	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	5,575	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	19	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	351	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	173	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	785	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	39	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	745	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,174	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	569	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	41	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	63	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	721	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,457	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	133	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	299	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	862	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,083	14.570	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	CHIX	1,304	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,666	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,005	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	806	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,621	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	21	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	803	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	645	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	250	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	623	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	604	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	716	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	93	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	934	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	869	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	666	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	392	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	793	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	355	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	377	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,013	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	2,957	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,054	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,115	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,894	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	618	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	118	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,757	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	322	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	871	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	307	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	305	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,030	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,066	14.605	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	866	14.600	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	11	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	5	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	110	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	362	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	367	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	5	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	300	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	129	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	72	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,720	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	919	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,625	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	122	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	267	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	520	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	3,400	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	453	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	753	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	189	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	520	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	249	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	676	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	347	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	622	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,050	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,540	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	108	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	181	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	256	14.580	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	TRQX	368	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	157	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,502	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,083	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,405	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,965	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	463	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	642	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	225	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	480	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	515	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,264	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	911	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	441	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	188	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,170	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	885	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	143	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	386	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	623	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	723	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	517	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	947	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	678	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	4,043	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	5,862	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,234	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	998	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	917	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	100	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	49	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	49	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	49	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	17	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	49	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	32	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	17	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	49	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	62	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	68	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	669	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	999	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	2,088	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	49	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	332	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	1,722	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	49	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	332	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	68	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	33	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	250	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	250	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,650	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	250	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	250	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	250	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,000	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	250	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	250	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	782	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	65	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	65	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	153	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	109	14.565	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	TRQX	153	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	109	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	109	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	109	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	109	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	121	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	78	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	109	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	63	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	121	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	78	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,400	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	78	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	78	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	96	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	121	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	78	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,100	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,009	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	323	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	728	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	627	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	318	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	60	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	382	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,321	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	382	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	353	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	331	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	382	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	745	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	237	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	995	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,147	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,592	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	721	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	6,944	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	250	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	212	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	142	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	603	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	435	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	211	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,405	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	914	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	932	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	193	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,724	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,907	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,493	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	162	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,960	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	254	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	610	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	193	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	457	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	106	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,424	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	2,895	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	689	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,400	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,196	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	750	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	265	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	949	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,259	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	545	14.565	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	BATE	13	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	32	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	800	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	590	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	286	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,156	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	748	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	667	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	924	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	323	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,152	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	442	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,659	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	782	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,263	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	379	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,450	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	474	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	223	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	365	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	41	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	499	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	403	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	558	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	686	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	2,200	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	194	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	551	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	155	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	104	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	166	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	443	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	81	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	529	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	2,307	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,466	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	494	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,592	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	641	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	925	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	260	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	109	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	290	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	320	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,173	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	950	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	947	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	5,077	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	467	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	499	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	78	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	434	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	695	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	753	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	551	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	338	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	202	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	1,153	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	365	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	697	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	129	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	462	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	783	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,927	14.545	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	XMAD	608	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	32	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	313	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	899	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	350	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	503	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	414	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	193	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	226	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	130	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,170	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	685	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	250	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	162	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	117	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	46	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	56	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	676	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	922	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,142	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	579	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	920	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	948	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,870	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	706	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	15	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	155	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	181	14.535	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,437	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,991	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	695	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,707	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,230	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,459	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,438	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,037	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	600	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	502	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	409	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,454	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	477	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	488	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	174	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	231	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	488	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,400	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,049	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,075	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	610	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	253	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	794	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	932	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,626	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	913	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	2,052	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	1,640	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,523	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	674	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	20	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,197	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	617	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	354	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	129	14.555	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	TRQX	470	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	712	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	514	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	249	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,385	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	994	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	192	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,662	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	4,084	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	805	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	9,197	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	609	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	268	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,436	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,829	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,005	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	939	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	3,716	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	3,693	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	1,290	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	9,558	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	871	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	68	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	239	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	160	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	622	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	220	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	543	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,555	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,122	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,555	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	944	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	448	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	14	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	433	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	895	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	956	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	233	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,571	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	643	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,758	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	311	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,067	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	649	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	871	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,014	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	484	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	729	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	16	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	186	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	952	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	789	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	192	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	808	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	631	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	105	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,323	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,834	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	640	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,193	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,400	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,465	14.595	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	924	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	880	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,679	14.590	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.585	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	CHIX	588	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	588	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	106	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	694	14.585	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	884	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,027	14.580	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,769	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	941	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	444	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,267	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	265	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	14	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	417	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,227	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	363	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,348	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	3,199	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	919	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	476	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	624	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	506	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,017	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	846	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	430	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	835	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	642	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	734	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	171	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,225	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	12	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	84	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	120	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	72	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	12	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	84	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	84	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	120	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	84	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	84	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	84	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	120	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	67	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	73	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	73	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	11	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	4	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	69	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	273	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	84	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	84	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,062	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	529	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	120	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	84	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	20	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	73	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	64	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	120	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	77	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	73	14.575	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	CHIX	361	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	139	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	90	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	641	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	598	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	818	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	266	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	18	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	641	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	427	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	940	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	285	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	431	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	549	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	396	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	192	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	59	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	302	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	360	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	348	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	600	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	58	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	176	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	612	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	527	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	5,107	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	635	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,052	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	1,015	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,880	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,680	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	409	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	470	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	486	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	498	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	570	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	670	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	549	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,906	14.540	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,000	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,100	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	487	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,064	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	781	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	214	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	88	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,565	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	6,627	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	2	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	503	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	47	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	318	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,022	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	86	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	20	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	43	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	114	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	932	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	312	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	922	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,400	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,416	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	3,821	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	943	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,107	14.575	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	TRQX	948	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	47	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	2,048	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	79	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	925	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	511	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	353	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	983	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	937	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	113	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,602	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	771	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,901	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	2,633	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	921	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	6,136	14.575	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	376	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	434	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	704	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,062	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	523	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	61	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	5,007	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	800	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	424	14.570	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	9	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	989	14.565	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,039	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	400	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	250	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	346	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	536	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,936	14.560	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,039	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	880	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	344	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,588	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,212	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	644	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,598	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	299	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	13	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	463	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,452	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	937	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	2,784	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	616	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	599	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	425	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,318	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	485	14.555	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,011	14.550	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	524	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	41	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,313	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	823	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	316	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	279	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	214	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	217	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	524	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,501	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	5,737	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,083	14.545	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	CHIX	934	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	306	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	881	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	5,817	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	67	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	184	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	920	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	600	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	51	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	920	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	236	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	422	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	167	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,909	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	16	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,613	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,658	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	940	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	106	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	149	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	73	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	106	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	73	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	73	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	130	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	106	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	280	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	64	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	100	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	19	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,767	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	3,088	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,924	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,267	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	247	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	144	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	217	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	103	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	342	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	103	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	247	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	125	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	247	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	217	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	197	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	342	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	342	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	201	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,027	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	40	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	207	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	342	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,814	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,369	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	250	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	208	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	495	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,820	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	501	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	845	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	922	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	379	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	481	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	1,034	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.515	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	TRQX	250	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	625	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	666	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	209	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	181	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	33	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	500	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	203	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	666	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	49	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	410	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	1,606	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	931	14.505	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	964	14.505	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,052	14.505	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.500	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.500	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	250	14.500	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	948	14.500	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	950	14.505	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,954	14.505	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	59	14.505	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,411	14.505	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	2,452	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,716	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,200	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,618	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	867	14.505	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	995	14.505	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,710	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,651	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	1,028	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	384	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	689	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,761	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	77	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	153	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	113	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	600	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	956	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,669	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	298	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	47	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	206	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	2,330	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	505	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	818	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	668	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	552	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	312	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	387	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,616	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	3,515	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	BATE	862	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	900	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	653	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,616	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	376	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	315	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	87	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	334	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	TRQX	23	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	600	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,344	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	120	14.520	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	CHIX	439	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	836	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,619	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,949	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,260	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	922	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,167	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,362	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	988	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	74	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	208	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,968	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	854	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,562	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	625	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	245	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,895	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	181	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,798	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	900	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	1,314	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	535	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	553	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	638	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	308	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	2,125	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	2,234	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	945	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,083	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	969	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	985	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	287	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	988	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	891	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	580	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,044	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	869	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	874	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,329	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,092	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	531	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	407	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	901	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,004	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	850	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	169	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	421	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	421	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	421	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,200	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	391	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	159	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	262	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	245	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	421	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	331	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	421	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	326	14.545	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	417	14.545	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	XMAD	500	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,228	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	341	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,320	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,538	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	185	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	684	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,915	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,743	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	865	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,372	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	426	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	452	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,509	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	610	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	195	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,008	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	510	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	13,714	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	590	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	851	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	29	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	921	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,281	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	14,204	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	39	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,836	14.525	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,026	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	180	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	CHIX	204	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	13,495	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	178	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,026	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,400	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,155	14.530	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	626	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	662	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,925	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,780	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	548	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	380	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	430	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	731	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	6,688	14.505	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.505	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,853	14.505	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	598	14.505	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	11,322	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,177	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	13,935	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	549	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,171	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	519	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	116	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,261	14.500	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	XMAD	2,427	14.500	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,790	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,857	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	9,025	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,430	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	776	14.485	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	8,719	14.485	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,624	14.500	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,043	14.500	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.500	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	925	14.500	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,954	14.500	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,887	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,027	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	177	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	65	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,108	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,947	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	586	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,522	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,400	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,430	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,503	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,555	14.520	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,873	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,207	14.515	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,946	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,750	14.510	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	447	14.505	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	20,449	14.505	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,788	14.500	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,825	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	11,175	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,604	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	478	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	919	14.485	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,281	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	448	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	291	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	955	14.485	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	241	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	741	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	245	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	9,357	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,835	14.475	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	947	14.470	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	915	14.470	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,434	14.470	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,664	14.470	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,781	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,231	14.475	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	5,711	14.475	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	44	14.475	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	5,071	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	894	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	399	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	33	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,811	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	8,009	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,635	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	995	14.475	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	XMAD	100	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	26	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	13,166	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,034	14.485	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,965	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	987	14.470	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	190	14.465	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	166	14.465	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	6,706	14.475	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,601	14.470	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,137	14.470	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	6,094	14.470	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	748	14.470	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	956	14.465	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,900	14.465	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	710	14.465	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	877	14.465	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	161	14.465	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	148	14.465	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	5,200	14.475	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,818	14.475	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	979	14.475	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	899	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	893	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	558	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	483	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	10,821	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,547	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,794	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	18,200	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,537	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	587	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,063	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	2,219	14.485	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	4,353	14.485	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	5,878	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,245	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,963	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	3,646	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	700	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,462	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	500	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,685	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,178	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	17,748	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	738	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,021	14.485	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,029	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	9,300	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,294	14.475	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	765	14.475	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	706	14.470	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	783	14.470	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	675	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	869	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,005	14.495	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	969	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	959	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,046	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	949	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	980	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	957	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	725	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	158	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	1,002	14.490	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
18-oct-19	REP.MC	Acquisition	XMAD	587	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	682	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	7	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	37,473	14.490	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	894	14.480	Morgan Stanley Europe SE
18-oct-19	REP.MC	Acquisition	XMAD	58	14.480	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,574	14.475	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.475	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	673	14.475	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	646	14.475	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	829	14.470	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,730	14.470	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.470	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,004	14.470	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,004	14.470	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,915	14.470	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	367	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	367	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	367	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	395	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	158	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	83	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	158	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	83	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	158	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	158	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	83	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	158	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	58	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	100	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	83	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	158	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	158	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,400	14.515	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,247	14.515	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,559	14.515	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	545	14.515	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,016	14.505	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	946	14.500	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	634	14.525	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	634	14.525	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	634	14.525	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	12	14.525	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	806	14.525	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	121	14.525	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,034	14.525	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	709	14.525	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,262	14.525	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,462	14.525	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	189	14.525	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	123	14.535	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	123	14.535	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	18	14.540	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	789	14.555	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,694	14.555	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	344	14.555	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	784	14.555	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	162	14.555	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,474	14.555	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	273	14.555	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,673	14.555	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,171	14.555	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,000	14.555	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	189	14.560	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	189	14.560	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	134	14.560	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	CHIX	112	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	80	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,832	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,676	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,800	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	80	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	112	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	69	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	12	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	81	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	81	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	81	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	81	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	880	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,752	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	904	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	890	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	748	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	127	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	109	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,641	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	943	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	964	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,951	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,662	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	362	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,460	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	24	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	400	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	142	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	142	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	700	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	752	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	29	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	301	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	296	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	364	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,750	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	681	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	542	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,044	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	212	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	137	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	920	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	701	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	352	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,330	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	420	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	256	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	498	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	907	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	94	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	671	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	760	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	623	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	199	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	174	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	72	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	91	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	91	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	128	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	91	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	128	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	91	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	128	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	72	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	295	14.660	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	XMAD	608	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	399	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	38	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	586	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	54	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	214	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	752	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,006	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	259	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,722	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,750	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	972	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,556	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,105	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,071	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	888	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,115	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	673	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	485	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	91	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,474	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	528	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,455	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	515	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,354	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,956	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	651	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	641	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	623	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	322	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	380	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	502	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	487	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	173	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	236	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	203	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	900	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,003	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	993	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,827	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	507	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,235	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,706	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	609	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,991	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,334	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	75	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	996	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	786	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,072	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	991	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,040	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	348	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	100	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	2,091	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	614	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,057	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,093	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,045	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	321	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	705	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,538	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,797	14.640	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	CHIX	917	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	48	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	247	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	4,016	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	387	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	799	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,108	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,610	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,091	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	609	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	845	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	296	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,969	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,267	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,134	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	896	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,125	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	367	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,444	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	989	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	8	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	720	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	348	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	650	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,672	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,092	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	50	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,218	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	220	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	481	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,500	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	12	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	20	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	500	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	176	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	4,642	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	727	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	150	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	197	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	433	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,195	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	14	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	2,021	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	939	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	352	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	463	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	448	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,225	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,657	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	194	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	206	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	691	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	58	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	555	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	443	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	502	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	127	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	502	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	81	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	484	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	344	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	986	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	84	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	119	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	72	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	272	14.665	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	XMAD	221	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	119	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	6	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	78	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,808	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,304	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	632	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,400	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	812	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	923	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	937	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	467	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	648	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	5	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	331	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	9	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	559	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	6	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	385	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	331	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	523	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	600	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	16	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	391	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,337	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	597	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	714	14.670	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	515	14.670	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.670	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,664	14.670	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,291	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	971	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	946	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,014	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	947	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,050	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	943	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	113	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	172	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	228	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	62	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	4,642	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,106	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	745	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	914	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	475	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	475	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	270	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	432	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	404	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	150	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	167	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	231	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	222	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	490	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	4	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,814	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,548	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,049	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	449	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	255	14.660	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	XMAD	865	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	8	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	635	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	684	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	195	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	307	14.665	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,807	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	266	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	37	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	116	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	81	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	81	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	81	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	72	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	81	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	81	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	81	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,832	14.660	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	680	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	16	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	339	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,238	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	219	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	8	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	919	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,747	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,478	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	248	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,932	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	377	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,776	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,818	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,034	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,906	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	920	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	916	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,802	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	356	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,001	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	27	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,571	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	778	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	918	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	948	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	277	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,461	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	24	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,406	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	888	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	300	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,610	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	324	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	439	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	115	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	257	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	947	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,071	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	589	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,101	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	665	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,353	14.605	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	BATE	203	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	949	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	653	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	471	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	228	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,521	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	793	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	168	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,024	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	992	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	475	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	441	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	32	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	917	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	947	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	934	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	690	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	362	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,683	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	163	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	588	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	5,092	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,894	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	70	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,044	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	695	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	500	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	268	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	954	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	351	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	414	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	843	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	24	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	273	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	174	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	850	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,107	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,441	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	35	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	379	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	494	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	579	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	793	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	350	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	450	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,255	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,119	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	946	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	624	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,546	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	920	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	15	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,530	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,162	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,777	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	15	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	26	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	92	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	40	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	407	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	901	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	415	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	247	14.610	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	BATE	526	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	337	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	218	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	873	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	567	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	500	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	831	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	304	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	500	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	375	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,528	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,163	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	868	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	918	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,401	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,141	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	330	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	891	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	565	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	340	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	437	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	200	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	315	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	153	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,017	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,000	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	252	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	82	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	344	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	995	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	15	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	76	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	134	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	269	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	686	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,564	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	3,142	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,191	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,960	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,100	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,000	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,909	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	559	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	350	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,209	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	621	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	333	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	299	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	104	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	321	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	197	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	387	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	688	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	291	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	688	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,001	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,834	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	91	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,173	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	846	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	8	14.645	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	XMAD	350	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	714	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	515	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	919	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,480	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	587	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	907	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	445	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,275	14.655	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	42	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	697	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	225	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,995	14.650	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,024	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	709	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	234	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,173	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	13	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	161	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,003	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	405	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	723	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	271	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	731	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,820	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	729	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	882	14.645	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	206	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	286	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,035	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	723	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	731	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	789	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	515	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	2,785	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	821	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,576	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	936	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	802	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	134	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	478	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	182	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	818	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	818	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	453	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	478	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,852	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	84	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	275	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	120	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	376	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	240	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	238	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	422	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	193	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	41	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,291	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	70	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	14	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	463	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	84	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	280	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	127	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	941	14.640	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	CHIX	901	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	84	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	901	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	13	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	428	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	73	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	132	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	656	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	84	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	16	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,141	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	950	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	500	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	500	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	365	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	7	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	200	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	387	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	277	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	114	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	24	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	889	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,102	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	459	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	996	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	349	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	704	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	8	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	119	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	33	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	34	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	62	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	71	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	840	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	5,841	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,736	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	6,637	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	194	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	68	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	887	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	362	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	537	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	948	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	839	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	113	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	54	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,014	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	992	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	406	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	513	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,060	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,016	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	612	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	612	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	477	14.625	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	BATE	772	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	12	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	991	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,314	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	554	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	418	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	127	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	753	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,442	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	263	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,321	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	767	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	5,996	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,390	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	975	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	63	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	146	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	324	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	125	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	111	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	61	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	65	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	838	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	919	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	401	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	651	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	245	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	634	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	965	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	240	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,746	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,819	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	901	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	65	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	854	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	629	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	454	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	908	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,466	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	220	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,016	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	952	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	992	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	600	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,159	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	751	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	916	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	5,962	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	960	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	885	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	903	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	536	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	160	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	397	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,615	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,061	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,139	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	373	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	888	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	919	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	46	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	398	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	311	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	645	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	11	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	829	14.600	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	CHIX	885	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	794	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	234	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	899	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	289	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	348	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	329	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	981	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,020	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	45	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	940	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	769	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	158	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	863	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	373	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	517	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	38	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	769	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,289	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	51	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	378	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	306	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	367	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	372	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	29	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	446	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	313	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	155	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	204	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	147	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	947	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	394	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	106	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	609	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	394	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	783	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	47	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	246	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	106	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	147	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	147	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	98	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	204	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	204	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	724	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	82	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	232	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	169	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	148	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	511	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	148	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	148	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	148	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	441	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	476	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	185	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	265	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	204	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	583	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	220	14.610	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	CHIX	244	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	849	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,077	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	421	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	278	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	665	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	193	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	306	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,190	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	858	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	416	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,772	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	587	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	154	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,093	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,013	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	628	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	103	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	929	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,500	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	225	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,000	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,900	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	950	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	320	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	639	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	310	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	381	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	500	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	639	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,042	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	375	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	913	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	519	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	447	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,452	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,759	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	319	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,126	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	614	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	603	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	16	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	723	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,330	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	302	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	300	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	591	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	246	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	880	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	885	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,890	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	188	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	837	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	915	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,250	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	84	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	84	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	118	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	84	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	72	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	84	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	272	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	333	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	90	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	4	14.595	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	BATE	80	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	84	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	29	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	55	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	81	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	950	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,451	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	370	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	678	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,027	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	961	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	404	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	672	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,125	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	448	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,454	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	512	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	400	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	334	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	709	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	2,191	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,129	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	398	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	61	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,636	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	59	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	107	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	168	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	161	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	83	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	51	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	156	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	18	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	2,590	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,590	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	286	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,562	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	360	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	200	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	448	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	314	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	636	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	28	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	469	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	2,486	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	420	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	967	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	944	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,074	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	425	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,051	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	363	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	391	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	911	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	461	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	432	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	976	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	330	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	8	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	331	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	20	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	2,522	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,991	14.615	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	TRQX	1,301	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,700	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	832	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	40	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	952	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	746	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	495	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	349	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,263	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	67	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,367	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,196	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	880	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,063	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	525	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	101	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	20	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	767	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	372	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	551	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	945	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	334	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,773	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,083	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	502	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	416	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	51	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	543	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	99	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	261	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	2,132	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,805	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,756	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	342	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	182	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	92	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	245	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	130	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	263	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	369	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	436	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	467	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	92	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	420	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	72	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	38	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	517	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	827	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	427	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	500	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	369	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	453	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	678	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	30	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	404	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	177	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	318	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	312	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,126	14.625	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	XMAD	19	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	20	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	309	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	337	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	700	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,068	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,863	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	900	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	330	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	8,122	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	2,929	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	2,113	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	2,986	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	775	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	188	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	901	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,129	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	821	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	750	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,195	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,768	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,286	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	440	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,210	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	535	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,604	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	259	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	302	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	680	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	160	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	379	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	404	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	330	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,197	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,000	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	81	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	494	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,239	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,541	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,357	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	506	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	418	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,326	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,194	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	347	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	768	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	137	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	335	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	97	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	700	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	712	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	456	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	137	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	72	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,373	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	137	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	137	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,366	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	137	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	137	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	710	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	536	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	898	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,529	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	401	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	731	14.630	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	BATE	365	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	242	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,846	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	91	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	29	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	113	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	119	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	243	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	514	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	243	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,065	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	646	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	9	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	21	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,467	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	393	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	54	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,922	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	595	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	27	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	313	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	812	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	112	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	374	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,455	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	52	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	382	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,387	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	418	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	455	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	291	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	355	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,115	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	900	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	233	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	389	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	262	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,283	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	127	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	90	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	175	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	92	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	90	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	90	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	863	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	38	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	544	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	544	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	38	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	582	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	112	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	727	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,581	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	796	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	140	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	353	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	214	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,261	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,018	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,798	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	870	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	5,806	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	421	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	191	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	551	14.610	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	CHIX	537	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	197	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	188	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	984	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	992	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,128	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	957	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	2,062	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	646	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	313	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	328	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	387	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	275	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,001	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	380	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	532	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	404	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	33	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,825	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,491	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	552	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,421	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	4,463	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	490	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	198	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	565	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,168	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	2,750	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	366	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,866	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	344	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	904	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	6,898	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,345	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	563	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	189	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	185	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	323	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	874	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	17	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	46	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,748	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	610	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	4,070	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	274	14.585	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	61	14.585	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	637	14.585	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	484	14.580	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	299	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	400	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	388	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	51	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,042	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	382	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,206	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	694	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	54	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	235	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	656	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	490	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	794	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	80	14.590	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	BATE	165	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	22	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	20	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	128	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	815	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	661	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	565	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	482	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,215	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	456	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	362	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,225	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	980	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.585	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.585	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	180	14.585	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	223	14.585	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	789	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	816	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	288	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,935	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	777	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	5,180	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,115	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	384	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	420	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	389	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	198	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,397	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	570	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	2,003	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,200	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,985	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	276	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,841	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,448	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	887	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	690	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	192	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	196	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,152	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	99	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,508	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	37	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	99	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	138	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	99	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	581	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	99	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	99	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	72	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	647	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	224	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	299	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	199	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	211	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	133	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	682	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	211	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	200	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	613	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	871	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	82	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	337	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	140	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	778	14.615	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	CHIX	33	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	8	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,061	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,584	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	720	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	554	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	127	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	327	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	17	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	7,478	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	166	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	211	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	426	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	15	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,342	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	394	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	200	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	124	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	934	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	709	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	311	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	174	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	597	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	4,542	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	687	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	334	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,444	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	236	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	253	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	40	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	609	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	655	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	898	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	162	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	150	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	972	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,605	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,549	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	218	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	366	14.640	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,500	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	66	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,999	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,002	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	104	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	2,190	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	104	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	104	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,340	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	104	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	104	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	396	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	104	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	72	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	121	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	337	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	482	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	900	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	337	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	659	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	521	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	180	14.635	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	CHIX	2,690	14.635	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,199	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	33	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	56	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	181	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	27	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	66	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	412	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	298	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,131	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,225	14.630	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,034	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	989	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,678	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	962	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	547	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	24	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,736	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	854	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,533	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	145	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	415	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,746	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	965	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	415	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	69	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	351	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	144	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	145	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	965	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	337	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	429	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	548	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	760	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	266	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	908	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	61	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	61	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	456	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	531	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	118	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	596	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	275	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	413	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	2,172	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	639	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,303	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	11	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	10	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,176	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	319	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,973	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	553	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	597	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,108	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,772	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	99	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	465	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,113	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	56	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	319	14.625	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	BATE	21	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	278	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	450	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,252	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	787	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	679	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	324	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	3	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	21	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,156	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,135	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,137	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	339	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,113	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,836	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,430	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	389	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,400	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	981	14.625	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	761	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	56	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	792	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	23	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	518	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	402	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	451	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	250	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	545	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	484	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	983	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	943	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	400	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	536	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	376	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,411	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,583	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	310	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	879	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	2,050	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,812	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	1,053	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	332	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	258	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	383	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	963	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,556	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	326	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	818	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,465	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	4,854	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	320	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	2,949	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	722	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	481	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	313	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	45	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,216	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	2,420	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,879	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	780	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	729	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,990	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	601	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	492	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	2,491	14.600	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	CHIX	49	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	124	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	210	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	952	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	821	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	510	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,074	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,073	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,196	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	109	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,286	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	612	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	361	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	839	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	361	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	32	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	839	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,646	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,385	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	164	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	644	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	379	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	164	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	641	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	117	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	719	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	72	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	110	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	436	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	921	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	514	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	22	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	57	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	248	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,551	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	332	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,035	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	558	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	6,810	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	620	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	866	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	62	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	223	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,148	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	7	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	800	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	85	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	336	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	829	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	573	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	945	14.590	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	3,121	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	672	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	32	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,785	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	369	14.600	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	XMAD	500	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	862	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	703	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	633	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	191	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	684	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	607	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	355	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	382	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	324	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	397	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	547	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	250	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,207	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	184	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	492	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	315	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	653	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	420	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	315	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	BATE	831	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	200	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	815	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	346	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	4,321	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	850	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	356	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,155	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,381	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	311	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	324	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,932	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	18	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,014	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	940	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	1,894	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	TRQX	100	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	162	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	358	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	366	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	10,099	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,400	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,031	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	7,058	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,685	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,000	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,000	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	777	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	6,008	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	74	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,642	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	6	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	163	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	379	14.610	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	571	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	788	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	75	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,498	14.620	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
21-oct-19	REP.MC	Acquisition	XMAD	193	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	963	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,604	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	637	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,055	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,620	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	314	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,064	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	956	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	191	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,445	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,154	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	891	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,437	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,437	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,537	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,043	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	768	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,408	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	2,010	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	5,427	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	500	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,878	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	68	14.620	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	72	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	310	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,400	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,146	14.615	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	CHIX	1,545	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,572	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	340	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	150	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	395	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	319	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	308	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,988	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	25,693	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	700	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,457	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	3,691	14.600	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	588	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,171	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	5	14.595	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,240	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	5,285	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	1,400	14.605	Morgan Stanley Europe SE
21-oct-19	REP.MC	Acquisition	XMAD	911	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	977	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	403	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,637	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	655	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,068	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	666	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	461	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	70	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	39	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	892	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	241	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	937	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	557	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	745	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	120	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	316	14.650	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	XMAD	1,000	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,164	14.685	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,613	14.685	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	417	14.685	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	147	14.685	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,590	14.685	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,238	14.685	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	2,437	14.680	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,275	14.680	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	415	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	448	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	410	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	518	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	940	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	689	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	207	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	518	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	836	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	518	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	39	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	910	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	940	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	254	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	36	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	747	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	972	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	305	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,875	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,922	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	5,485	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	998	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	415	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	903	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	970	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	2,010	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	600	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	295	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	213	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	149	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	213	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	25	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	11	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	104	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,634	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	226	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	493	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	574	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	100	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	137	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	99	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	218	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	218	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	589	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	218	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	629	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	99	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	629	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	17	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	137	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	319	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,878	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	319	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	32	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	500	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	137	14.660	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	BATE	99	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	99	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	209	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	99	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	130	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	329	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	92	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	130	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	92	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	92	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	72	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	301	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	293	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	815	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	293	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	130	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	142	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	946	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	951	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	500	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	74	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	303	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,363	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,818	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	12	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	125	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	288	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	124	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,461	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,001	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,986	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,775	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	591	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	500	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	925	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	191	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	752	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	1,997	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	396	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,555	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	898	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	620	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	447	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	217	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,675	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	98	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	139	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	785	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	932	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	897	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,509	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,965	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	648	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	468	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	227	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	966	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	995	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	33	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	907	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	916	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	36	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	606	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	391	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	100	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	400	14.610	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	XMAD	931	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,254	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	866	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	732	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	337	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	15	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	956	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	337	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	768	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	367	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	61	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,512	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	550	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	800	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	603	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	2,261	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	460	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	954	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,218	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	130	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,228	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	542	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,696	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	496	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,009	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	990	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	495	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	585	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	295	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	871	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	396	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,875	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	789	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	276	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,736	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	752	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	475	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	950	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	943	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	81	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	507	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	465	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	19	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	1,005	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	400	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	996	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,136	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,014	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	966	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	655	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	967	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	265	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	922	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	89	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,031	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	35	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	102	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	107	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	73	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	303	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	22	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	277	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	102	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	992	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,095	14.610	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	BATE	212	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	251	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	642	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	225	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,495	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,915	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,777	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	967	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,950	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	49	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	971	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,714	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	4	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	615	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	262	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	1,744	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	39	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,456	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,000	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	225	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	32	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	468	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	435	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	443	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	71	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	452	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	92	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,700	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	2,148	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	594	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	4,034	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	927	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	200	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,031	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	814	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	253	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,500	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	565	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	191	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	628	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	226	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,332	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	228	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	664	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	385	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	309	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	9	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	276	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,051	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	530	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	983	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	303	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,422	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	12	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	295	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	167	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	629	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	19	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	918	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	64	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	823	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,735	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	270	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	521	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,326	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	94	14.615	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	BATE	617	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	551	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	9	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	674	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	32	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	844	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,070	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,400	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,429	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	866	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	2	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	184	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	648	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	484	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	518	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	717	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	251	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,318	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,256	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	125	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	775	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	700	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	900	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	360	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	338	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	747	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	600	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	274	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	674	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	974	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	74	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	319	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	569	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	392	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	178	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	531	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	802	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	398	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	257	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	135	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,454	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	37	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	909	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	549	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	204	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	284	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	469	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	15	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	265	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	806	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	671	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	235	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	5	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,621	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	84	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	27	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	832	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	809	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	561	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	521	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	40	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	869	14.600	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	CHIX	920	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	22	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	75	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,691	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,172	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	88	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,338	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	106	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	533	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	84	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	447	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	343	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,200	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	506	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	366	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,434	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	336	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	681	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	234	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,311	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	981	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	834	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	1,034	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	998	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	696	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	698	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	250	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	180	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	2,468	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	108	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	899	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	800	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	831	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	415	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,074	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	376	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,023	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,007	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	608	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	452	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	789	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	498	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	800	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	29	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	71	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	920	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	126	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	364	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	260	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	419	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	238	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,442	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	913	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	5	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	31	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	474	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	708	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	248	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	900	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	547	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	202	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	862	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	693	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	349	14.615	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	XMAD	861	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	66	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	18	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	16	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	19	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	93	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	281	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	799	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	299	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	799	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	895	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,003	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	595	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	653	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	434	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,912	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,441	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	87	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	87	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	87	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	87	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	87	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	621	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	122	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	367	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	647	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	87	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	87	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	23	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	122	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,218	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	643	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	75	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	400	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	1,876	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	965	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	917	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	883	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	916	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,416	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,407	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	536	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	1,671	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,372	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,377	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,046	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,042	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	115	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	813	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	79	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,004	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,674	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	40	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	949	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	657	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	204	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	440	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	942	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,263	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,376	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.625	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	XMAD	1,001	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	174	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	133	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	636	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	649	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	459	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	970	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,040	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	576	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	353	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	689	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	478	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	416	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	246	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	160	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	71	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,706	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	45	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	438	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,376	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,054	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	213	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,165	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	81	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,984	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,786	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,535	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	298	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	414	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	881	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	431	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,087	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	743	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,150	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	601	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,700	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,219	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	905	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	648	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	200	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	968	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	278	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	98	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	340	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	98	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	3	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	648	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	250	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	850	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	398	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	235	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	278	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	278	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	200	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,506	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	647	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	467	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	226	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	597	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,506	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,197	14.680	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	943	14.680	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	681	14.680	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	TRQX	330	14.680	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,046	14.675	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	84	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	441	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	117	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	3	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	327	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,483	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	744	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	260	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,627	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	35	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	536	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	424	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	1,861	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	646	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	363	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	984	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	903	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	476	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,076	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	498	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	435	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	301	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,881	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	427	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	124	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	957	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	957	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	500	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,663	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	450	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	499	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	125	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	218	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,453	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	912	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	926	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	251	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	415	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	883	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	700	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	183	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,071	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	889	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	7	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,580	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,230	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	33	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	14	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	425	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	607	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	213	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	364	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	607	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	121	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,808	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	651	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	250	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	250	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	459	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	465	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	651	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	335	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	890	14.625	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	CHIX	49	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	264	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	530	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,009	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	206	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	316	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,917	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	409	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	922	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	630	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,594	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	229	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	254	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	344	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	40	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	621	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	448	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	217	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	762	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	689	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	207	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	570	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,394	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	471	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,140	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	241	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,901	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	520	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,228	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	374	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	372	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	154	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	174	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	99	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,026	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	298	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	877	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	99	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	580	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	101	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	99	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	72	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	69	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	525	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	694	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	498	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	267	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	717	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	377	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	625	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	5,041	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	96	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	136	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	621	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	581	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	72	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	306	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,688	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	250	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	600	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	73	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	283	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	642	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	231	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	682	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	615	14.650	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	CHIX	1,167	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	645	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	234	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	102	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	500	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	99	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,968	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	445	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	919	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,275	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,836	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,203	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	369	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	239	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	896	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	549	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	331	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	21	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	619	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	114	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	132	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	94	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	623	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	132	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	132	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	132	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	72	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,109	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	603	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	603	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	853	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	92	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	963	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	801	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	244	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	872	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,062	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	108	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	210	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	151	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	108	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	1,037	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	600	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	45	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,351	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	250	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	250	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	151	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	108	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,545	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	26	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	881	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	932	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	762	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	277	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	505	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	510	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	880	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	920	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	881	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	937	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,817	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	22	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	885	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	139	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	879	14.630	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	XMAD	1,769	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	41	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	34	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	918	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,906	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	2,372	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	666	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,681	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,759	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	741	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	297	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	931	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	2,288	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	669	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,546	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	386	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	446	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	445	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	25	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	55	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,256	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,982	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,317	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,977	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	973	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	42	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	136	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	56	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	236	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	56	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	422	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	72	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	136	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	56	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	56	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	42	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	136	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	316	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	250	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	250	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	250	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,185	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	136	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	437	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	479	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	512	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	54	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	72	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	222	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	626	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	98	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	72	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	298	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	695	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	86	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	107	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	609	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	72	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	72	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	14	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	72	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	348	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	348	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	250	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	250	14.665	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	XMAD	250	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	370	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	486	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	94	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	697	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	162	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	955	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	583	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	354	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	639	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	340	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	293	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	398	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	934	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,120	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,409	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	101	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,986	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,333	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	41	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	252	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	534	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	668	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	329	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	694	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,968	14.670	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	2,191	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	881	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	21	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	889	14.665	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	698	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,133	14.660	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	984	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	220	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	937	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	410	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	349	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	109	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	411	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	721	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	252	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,776	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	662	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	862	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	980	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,960	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	89	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	85	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	942	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,424	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	466	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	31	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	4,138	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	425	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,348	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	319	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	151	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	26	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	540	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	380	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	594	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	320	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	870	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	147	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	49	14.625	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	BATE	152	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	821	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	126	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	411	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	513	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	987	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	60	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	144	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	896	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	369	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	80	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,064	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	547	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	540	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	173	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	460	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	293	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,294	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	223	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	785	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	703	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	173	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,826	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	260	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	80	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,568	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,770	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	368	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	154	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	112	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	801	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	745	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	745	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	111	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	538	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	46	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	408	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	215	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	745	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	427	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	284	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,171	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	250	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	912	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	10	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	211	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	575	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	137	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	301	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	734	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	220	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	253	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,595	14.655	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,659	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	94	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	133	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	633	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	623	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	322	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	395	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,174	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	551	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	345	14.645	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	CHIX	260	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	319	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	180	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	638	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	280	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	223	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	965	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	500	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	480	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	506	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	880	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	936	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	866	14.650	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	866	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	904	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	518	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	847	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	355	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	682	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	315	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	234	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	761	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	913	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,996	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	422	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	662	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	375	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	654	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	736	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	14	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	337	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,363	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	215	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	19	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	158	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	886	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	5,715	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	873	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,209	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	781	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	870	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	163	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	968	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,041	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,308	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	431	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	811	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,816	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,022	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	87	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,042	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,064	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	1,143	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	730	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	698	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	391	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	866	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,895	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	238	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	722	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,009	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	869	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	15	14.595	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	BATE	530	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	121	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	298	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	298	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	413	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	298	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	149	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	830	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,103	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	149	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	197	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	395	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,061	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	298	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	413	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,086	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	229	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	298	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	69	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	126	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	907	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	413	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	487	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	16	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	893	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	250	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,092	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	738	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	354	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	666	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	782	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	342	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	626	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	865	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,114	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,281	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	926	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	965	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	718	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,207	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	323	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	555	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	125	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	70	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	389	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	586	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	936	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	902	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,908	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,916	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	296	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	614	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	973	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	655	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	223	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,020	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	623	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	249	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	893	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,050	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	275	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	913	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	600	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	2,292	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	107	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,215	14.615	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	CHIX	2,157	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	726	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	347	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	576	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	418	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	156	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	532	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,736	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,902	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,490	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	71	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	274	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	587	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	69	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	90	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	243	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	175	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,342	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	966	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	85	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,594	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	666	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	1,068	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	800	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	268	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	107	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	1,590	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	260	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,717	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	935	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,860	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	882	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	547	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	316	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	865	14.645	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	978	14.640	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	198	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,199	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	53	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	237	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	677	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,577	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	976	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	944	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	691	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,409	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,058	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	160	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	337	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	117	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	901	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	304	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	803	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	509	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	294	14.635	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	472	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	779	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	531	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	16	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	600	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	99	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	770	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	555	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	269	14.625	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	XMAD	3,457	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,023	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	958	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,026	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	586	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	490	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,169	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	206	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	921	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	1,037	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	400	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	131	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	87	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,135	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	469	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	202	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	97	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,086	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	585	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,575	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,150	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,100	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	181	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,121	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	384	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	559	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	16	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	184	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,823	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	154	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	56	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	420	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	246	14.620	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	694	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	424	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	928	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,016	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,165	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,303	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	914	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	708	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	173	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	916	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,027	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,203	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	653	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,108	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,797	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	402	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	470	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,017	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	3,355	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	300	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	306	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	232	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	148	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	4,118	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	371	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	350	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	242	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	167	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,316	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	543	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	773	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,260	14.605	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	CHIX	882	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	320	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	935	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	666	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	50	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	137	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,721	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	358	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	72	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	545	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	22	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	87	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,100	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	548	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	500	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	13	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	66	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,811	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,132	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	441	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	600	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	544	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	250	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,265	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	468	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	190	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	697	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	805	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	2,195	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,954	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,142	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	188	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	961	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,006	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	2,236	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,017	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,116	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	184	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,430	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,022	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	974	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,066	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,385	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	467	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	648	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	932	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,856	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	584	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	2,577	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	90	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,234	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,400	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,838	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	566	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	131	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	566	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,170	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	63	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,834	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,531	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,012	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,720	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,400	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,616	14.610	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,018	14.600	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	CHIX	883	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	174	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	690	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,739	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	554	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,789	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	677	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,077	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	337	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	482	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	637	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	118	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,221	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	635	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	338	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,196	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	352	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,016	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	695	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	191	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	310	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	69	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	872	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,767	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	626	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	1,009	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,123	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	97	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	774	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	169	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	900	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	142	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	60	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	185	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	600	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	77	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,126	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	894	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	470	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	4,478	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	196	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,655	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	4,260	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	638	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	600	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	695	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	5,202	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	300	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	100	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	652	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	80	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	190	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	114	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	326	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	326	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	5,445	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	2,368	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	230	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	677	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	518	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,029	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.585	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	CHIX	2,357	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	242	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	4,612	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,861	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,459	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	996	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	4,824	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	3,209	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	615	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	715	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,262	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	325	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	325	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	626	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	499	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	40	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	974	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	700	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	386	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	1,023	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	308	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	532	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	42	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	308	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	752	14.565	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	138	14.565	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.565	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,243	14.565	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	3,641	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	6,951	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	188	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	323	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	819	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,847	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	647	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	4,100	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,006	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	4,737	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	3,023	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,520	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	184	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	347	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	782	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	457	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,868	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	977	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	905	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	2,330	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	4,384	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	4,245	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	890	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	5,954	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	915	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	153	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	915	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,086	14.595	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	2,563	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	440	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	921	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,542	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	TRQX	193	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,964	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	284	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	6,930	14.590	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	CHIX	885	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	617	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	3,153	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,268	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,778	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	342	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	489	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	642	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	663	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	5,364	14.590	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,797	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	966	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	396	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	71	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,341	14.580	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	71	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,310	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,174	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,266	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	307	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	815	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	265	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	539	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	4,944	14.570	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	844	14.565	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	811	14.565	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,055	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	2,216	14.575	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	380	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	224	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	676	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	2,282	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	2,282	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	561	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	300	14.585	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,413	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	3,476	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	1,176	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	318	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	471	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	4,496	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	500	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	500	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	500	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,269	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	500	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	198	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	79	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	198	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	198	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	198	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	998	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,002	14.605	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,566	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	733	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	4,302	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,625	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	113	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,667	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	CHIX	468	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,941	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,972	14.600	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	42	14.600	Morgan Stanley Europe SE

Date	Security	Transaction	Trading venue	Number of Shares	Price (€/share)	Broker
22-oct-19	REP.MC	Acquisition	XMAD	500	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	500	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	500	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	700	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	800	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	500	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	490	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	500	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	500	14.615	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	1,888	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	230	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	17	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	69	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	252	14.625	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	BATE	537	14.630	Morgan Stanley Europe SE
22-oct-19	REP.MC	Acquisition	XMAD	695	14.625	Morgan Stanley Europe SE