



LIQUIDITY CONTRACT STATUS AS OF DECEMBER 31, 2019

Grenoble, France, January 6, 2020 – On December 31, 2019 and according to Kalray's agreement with Gilbert Dupont, the following means were dedicated to the liquidity contract:

- 6,744 shares,
- Cash balance: €194,580.44

Transactions during the second half 2019:

BUY	29,961 shares	€458,496.46	507 transactions
SELL	31,969 shares	€502,524.90	516 transactions

As a reminder, on June 28, 2019, the totals of the liquidity account were:

- 8,752 shares,
- Cash balance: €150,552.00

Upon implementation of the the liquidity contract, the means were the following:

- 0 shares,
- Cash balance: €250,000.00

ABOUT KALRAY

Kalray (Euronext Growth Paris — FR0010722819 — ALKAL) is the pioneer in processors for new intelligent systems. As a real technological breakthrough, "intelligent" processors have the capability to analyze on the fly, and in an intelligent manner, a very large amount of information, and to make decisions and interact in real time with the outside world. These intelligent processors will be deployed extensively in fast-growing sectors, such as new-generation networks (intelligent data centers) and autonomous vehicles, as well as healthcare equipment, drones, and robots. Kalray's offering encompasses both processors and complete solutions (electronic boards and software). Created in 2008 as a spin-off of CEA ("Commissariat à l'énergie atomique et aux énergies alternatives", the French Alternative Energies and Atomic Energy Commission), Kalray serves customers such as server manufacturers, intelligent system integrators, and consumer product manufacturers, including car makers. For more information, visit www.kalrayinc.com.

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APPENDICE H2 2019

	Buy			Sell		
	Number of transactions	Number of shares	Cash balance in EUR	Number of transactions	Number of shares	Cash balance in EUR
TOTAL	507	29 961	458 496,46	516	31 969	502 524,90
01/07/2019	1	7	116,2	0	0	0
02/07/2019	1	199	3303,4	4	200	3350,16
03/07/2019	1	40	664	4	250	4179,25
04/07/2019	0	0	0	4	103	1731,35
05/07/2019	3	110	1839,5	10	642	10933,52
08/07/2019	0	0	0	2	17	290,7
09/07/2019	0	0	0	4	124	2129,4
10/07/2019	0	63	1092,4	0	50	872,5
11/07/2019	2	134	2336,6	0	0	0
12/07/2019	1	150	2617,5	0	0	0
15/07/2019	5	129	2244,85	2	10	174
16/07/2019	1	50	865	4	397	6877,79
17/07/2019	1	1	17,35	5	220	3819,99
18/07/2019	0	0	0	6	148	2608,5
19/07/2019	1	50	870	2	68	1195
22/07/2019	2	265	4624,25	3	64	1121,4
23/07/2019	3	210	3696	5	153	2708,25
24/07/2019	0	0	0	5	176	3114,2
25/07/2019	0	0	0	6	394	6990,19
26/07/2019	4	150	2640	2	38	674,5
29/07/2019	7	644	11109	0	0	0
30/07/2019	6	325	5573,75	2	10	172,5
31/07/2019	0	0	0	4	410	7075,49
01/08/2019	13	1056	18084	7	459	8044,98
02/08/2019	3	5	85	2	149	2558
05/08/2019	6	204	3443,7	0	0	0
06/08/2019	1	2	33,9	3	200	3397
07/08/2019	3	112	1892,3	11	662	11297,03
08/08/2019	1	20	344	0	0	0
09/08/2019	1	20	344	1	3	51,6
12/08/2019	4	150	2580	0	0	0
13/08/2019	6	237	4028,45	0	0	0
14/08/2019	4	193	3229,55	1	40	678
15/08/2019	1	10	166	1	50	825
16/08/2019	0	0	0	1	1	16,65
19/08/2019	0	0	0	7	411	6971,59
20/08/2019	1	25	425	0	0	0
21/08/2019	3	58	982,2	1	1	16,9
22/08/2019	1	40	676	0	0	0
23/08/2019	2	23	388,4	0	0	0
26/08/2019	3	67	1121,6	9	584	10103,2
27/08/2019	2	110	1893	0	0	0
28/08/2019	3	121	2069	0	0	0
29/08/2019	3	110	1859	0	0	0
30/08/2019	2	30	507	3	161	2728,95
02/09/2019	3	196	3319,91	0	0	0
03/09/2019	0	0	0	3	118	2024,6
04/09/2019	3	165	2838	2	125	2160
05/09/2019	5	429	7360,4	1	50	860





06/09/2019	5	224	3789,41	4	95	1615
09/09/2019	0	0	0	4	85	1453,5
10/09/2019	6	621	10529,3	7	444	7592,4
11/09/2019	10	396	6720,6	3	350	5980
12/09/2019	8	392	6517,71	3	151	2544,46
13/09/2019	6	268	4387,7	1	65	1079
16/09/2019	0	0	0	1	191	3122,85
17/09/2019	3	400	6542,6	4	309	5082,15
18/09/2019	2	270	4458,51	5	269	4456,04
19/09/2019	0	0	0	4	452	7616,79
20/09/2019	4	365	6205	0	0	0
23/09/2019	6	315	5266,99	0	0	0
24/09/2019	1	89	1455,15	1	45	738
25/09/2019	1	65	1075,75	3	66	1098,9
26/09/2019	4	300	4925,01	0	0	0
27/09/2019	0	0	0	9	265	4364,76
30/09/2019	4	150	2497,5	0	0	0
01/10/2019	3	100	1640	0	0	0
02/10/2019	4	265	4319,5	1	1	16,5
03/10/2019	4	60	975	2	74	1209,9
04/10/2019	2	16	259,2	1	40	652
07/10/2019	6	349	5650,55	4	225	3647,5
08/10/2019	9	488	7823,71	5	350	5645,01
09/10/2019	8	686	10674,09	2	76	1194,4
10/10/2019	5	320	4879,01	2	37	568,75
11/10/2019	4	356	5387,81	6	241	3656,31
14/10/2019	10	442	6640,43	0	0	0
15/10/2019	3	105	1548,75	4	189	2805,4
16/10/2019	8	308	4554,8	2	310	4619,5
17/10/2019	6	215	3178,3	1	50	747,5
18/10/2019	16	844	12327,04	12	939	13748,93
21/10/2019	6	305	4420,49	6	649	9547,31
22/10/2019	7	287	4277,91	7	442	6620,19
23/10/2019	5	178	2677,3	7	329	4986,29
24/10/2019	8	215	3227,34	4	202	3050,4
25/10/2019	1	135	2011,5	1	17	254,15
28/10/2019	7	229	3402,46	5	235	3516,26
29/10/2019	4	111	1653,25	2	50	745
30/10/2019	9	506	7449,89	2	27	395,55
31/10/2019	22	622	8847,08	14	955	14044,13
01/11/2019	10	861	12088,01	3	80	1146
04/11/2019	4	87	1225,4	11	1136	16066,33
05/11/2019	1	87	1218	6	834	11888,84
06/11/2019	6	499	6983,65	3	175	2450
07/11/2019	6	344	4808,54	0	0	0
08/11/2019	9	467	6469,58	5	465	6498,51
11/11/2019	3	58	800,4	1	38	528,2
12/11/2019	1	100	1385	1	100	1390
13/11/2019	7	295	4032	1	60	831
14/11/2019	0	290	3921	0	22	298,75
15/11/2019	10	466	6089,59	2	150	1965
18/11/2019	16	1212	15080,07	3	571	7128,82
19/11/2019	5	443	5278,39	7	673	8489,56
20/11/2019	3	567	7066,63	6	618	7735,01
21/11/2019	2	389	5154,25	6	728	9369,21
22/11/2019	4	37	488,6	6	326	4402,24





25/11/2019	5	567	7452,48	5	125	1661,5
26/11/2019	5	728	9295,32	4	211	2749,14
27/11/2019	1	410	5104,5	5	203	2528,61
28/11/2019	4	440	5544	4	257	3277,44
29/11/2019	4	105	1317	2	105	1328,25
02/12/2019	1	85	1045,5	2	50	620
03/12/2019	3	75	938	9	1216	15522,24
04/12/2019	4	300	3939,99	2	98	1309,2
05/12/2019	6	242	3130,25	1	35	462
06/12/2019	0	0	0	2	215	2729
09/12/2019	1	32	408	7	598	7774
10/12/2019	1	42	533,4	1	50	637,5
11/12/2019	2	125	1592,5	4	140	1796
12/12/2019	1	65	845	6	305	4047,99
13/12/2019	5	495	6380,5	9	942	12412,36
16/12/2019	6	451	7762,3	18	1239	21438,66
17/12/2019	12	774	13289,5	11	845	15077,5
18/12/2019	10	851	14419,77	18	1281	22012,83
19/12/2019	3	210	3644,99	2	109	1904,5
20/12/2019	0	0	0	9	510	8938,52
23/12/2019	4	80	1463,25	17	673	12278,68
24/12/2019	4	150	2823	3	155	2937,25
27/12/2019	8	625	12001,25	14	640	12378,56
30/12/2019	0	0	0	23	624	12517,69
31/12/2019	0	0	0	11	654	13830,99

APPENDICE H1 2019

	Buy			Sell		
	Number of transactions	Number of shares	Number of transactions	Number of shares	Number of transactions	Number of shares
TOTAL	540	24 790	411 595,19	605	29 700	484 134,42
02/01/2019	0	0	0	3	60	693
03/01/2019	2	27	311,65	1	10	115,5
04/01/2019	3	190	2182,83	16	1224	14333,9
07/01/2019	2	14	161,84	7	160	1861,5
08/01/2019	2	7	80,92	2	120	1402,6
09/01/2019	0	0	0	11	797	9739,98
10/01/2019	0	0	0	9	414	5529,8
11/01/2019	1	20	279,2	16	671	9407,82
14/01/2019	10	649	9157,33	4	121	1729,99
15/01/2019	10	342	4759,82	0	0	0
16/01/2019	8	854	12098,79	29	1111	16182,38
17/01/2019	1	50	775	12	534	8389,62
18/01/2019	8	637	10383,42	20	1087	17818,65
21/01/2019	0	0	0	22	1118	19284,16
22/01/2019	0	0	0	17	795	14116,34
23/01/2019	31	1816	31326,36	6	171	2954,61
24/01/2019	1	50	850,5	8	324	5605,39
25/01/2019	0	0	0	16	433	7451,5
28/01/2019	3	90	1572,88	11	658	11523,16
29/01/2019	14	965	16826,61	0	0	0
30/01/2019	12	476	8155,5	6	345	5967,74





31/01/2019	7	396	6798,73	5	205	3552,4
01/02/2019	2	149	2533	10	336	5788,41
04/02/2019	0	0	0	11	420	7242,65
05/02/2019	3	175	3010	9	569	9898,78
06/02/2019	17	628	10907,98	9	349	6184,49
07/02/2019	4	66	1129,44	6	163	2855,01
08/02/2019	11	423	7234,57	0	0	0
11/02/2019	0	0	0	0	0	0
12/02/2019	5	126	2128,88	6	128	2174,6
13/02/2019	11	767	12723,61	1	22	371,36
14/02/2019	2	80	1285,5	3	173	2820,73
15/02/2019	9	610	9728,4	2	93	1493,37
18/02/2019	0	0	0	17	339	5460,24
19/02/2019	1	60	966	0	0	0
20/02/2019	4	105	1690,58	6	229	3719,97
21/02/2019	0	0	0	13	649	10649,18
22/02/2019	5	220	3624,13	6	355	5880,29
25/02/2019	1	6	100,62	10	476	8006,13
26/02/2019	8	232	3951,05	7	255	4432,41
27/02/2019	5	167	2917,67	7	250	4411,5
28/02/2019	1	27	483,3	7	388	6964,13
01/03/2019	3	143	2565,71	3	75	1352,7
04/03/2019	3	150	2685	6	106	1911,12
05/03/2019	12	361	6401,9	1	117	2088,45
06/03/2019	11	369	6446,65	3	84	1480,52
07/03/2019	9	252	4347,5	1	53	932,8
08/03/2019	8	228	3843,03	4	68	1181,7
11/03/2019	7	244	4067,75	0	0	0
12/03/2019	9	496	7969,83	1	10	166,2
13/03/2019	8	190	3012,85	1	40	636
14/03/2019	7	444	7553,59	12	1005	17370,42
15/03/2019	11	567	9562,85	3	206	3513,54
18/03/2019	5	168	2798,7	2	88	1469,6
19/03/2019	5	212	3497,92	1	30	496,2
20/03/2019	9	442	7232,14	0	0	0
21/03/2019	2	80	1293,5	2	110	1783
22/03/2019	0	0	0	4	380	6182,49
25/03/2019	8	426	6847,82	1	16	258,3
26/03/2019	4	126	2030,48	4	200	3270
27/03/2019	12	560	8927,63	2	30	478,5
28/03/2019	8	104	1653,6	1	75	1196,25
29/03/2019	7	280	4434,5	1	11	174,9
01/04/2019	1	30	471	7	355	5601,51
02/04/2019	9	209	3286,3	1	30	475,5
03/04/2019	9	331	5151,06	2	12	185,5
04/04/2019	1	3	45,9	3	75	1150
05/04/2019	3	100	1530	5	475	7355
08/04/2019	0	0	0	14	1038	16677,65
09/04/2019	10	767	13392,82	18	764	13363,05
10/04/2019	5	120	2078	7	435	7624,25
11/04/2019	5	488	8540	10	375	6625,24
12/04/2019	2	165	2879,99	5	550	9672,03
15/04/2019	6	301	5340,31	2	150	2670
16/04/2019	0	0	0	5	195	3493,5
17/04/2019	7	375	6676,91	2	54	966,6
18/04/2019	2	67	1165,8	0	0	0





19/04/2019	0	0	0	0	0	0
23/04/2019	8	277	4781,24	4	212	3697,56
24/04/2019	4	196	3381	6	190	3307,01
25/04/2019	8	315	5382	0	0	0
26/04/2019	0	0	0	3	120	2042
29/04/2019	0	0	0	3	40	687,25
30/04/2019	0	0	0	1	100	1720
02/05/2019	5	90	1535	1	29	495,9
03/05/2019	0	0	0	5	167	2844,19
06/05/2019	0	0	0	1	20	340
07/05/2019	3	250	4215	3	64	1093,65
08/05/2019	0	0	0	5	333	5646,02
09/05/2019	4	125	2125	3	175	2990,24
10/05/2019	0	0	0	4	210	3579,01
13/05/2019	3	495	8384,26	2	450	7695
14/05/2019	7	410	6981,23	6	431	7371,22
15/05/2019	2	51	872,1	0	0	0
16/05/2019	0	0	0	3	224	3837,7
17/05/2019	0	0	0	0	0	0
20/05/2019	0	0	0	2	147	2528,4
21/05/2019	0	0	0	1	15	258
22/05/2019	3	215	3682,99	1	5	86
23/05/2019	10	330	5643,3	0	0	0
24/05/2019	1	6	101,7	3	115	1974,75
27/05/2019	3	89	1512,25	3	175	3001,25
28/05/2019	10	387	6476,64	0	0	0
29/05/2019	7	400	6256,96	4	220	3524,99
30/05/2019	0	0	0	9	929	14728,64
31/05/2019	0	0	0	4	125	2023,75
03/06/2019	2	13	210,6	3	100	1630
04/06/2019	2	143	2316,6	3	20	327
05/06/2019	1	44	712,8	1	60	972
06/06/2019	0	0	0	3	238	3855,6
07/06/2019	0	0	0	9	815	13483,69
10/06/2019	0	0	0	1	250	4312,5
11/06/2019	2	72	1239,5	0	0	0
12/06/2019	3	121	2081,2	0	0	0
13/06/2019	5	130	2225	1	150	2587,5
14/06/2019	0	0	0	6	325	5644,99
17/06/2019	7	401	6872,22	1	23	394,45
18/06/2019	6	241	4067,36	0	0	0
19/06/2019	4	128	2114,5	3	68	1130,7
20/06/2019	4	119	1947,05	3	42	695,1
21/06/2019	2	60	987	0	0	0
24/06/2019	3	205	3381	1	26	429
25/06/2019	1	30	493,5	3	200	3317,5
26/06/2019	0	0	0	3	82	1376,7
27/06/2019	2	32	536	2	41	689,35
28/06/2019	6	193	3213,04	0	0	0

