

Form 605

Corporations Law
Section 671B

Notice of ceasing to be a substantial holder

To Company Name/Scheme **ORICA LIMITED**

ACN/ARSN **004 145 868**

1. Details of substantial holder (1)

Name **PERPETUAL LIMITED and its related bodies corporate**

ACN (if applicable) **000 431 827**

There was a change in the interests of the
Substantial holder on **04 / 02 / 2019**

The previous notice was given to the company on **15 / 08 / 2018**

The previous notice was dated **13 / 08 / 2018**

2. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest (2) of the substantial holder or an associate (3) in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (4)	Consideration given in relation to change (5)	Class (6) and number of securities affected	Person's votes affected
	Refer to Annexure 2				

3. Changes in association

The persons who have become associates (3) of, ceased to be associates of, or have changed the nature of their association (7) with, the substantial holder in relation to voting interests in the company or scheme as follows:

Name and ACN (if applicable)	Nature of association
Perpetual Investment Management Limited	Related bodies corporate of Perpetual Limited
Perpetual Trustee Company Limited	Related bodies corporate of Perpetual Limited

4. Addresses

The addresses of persons named in this form are as follows:

Name	Address
Perpetual Limited	18/123 Pitt Street Sydney, NSW 2000
Perpetual Investment Management Limited	18/123 Pitt Street Sydney, NSW 2000
Perpetual Trustee Company Limited	18/123 Pitt Street Sydney, NSW 2000

Eleanor Padman

Signature

Print name **ELEANOR PADMAN**

Capacity **COMPANY SECRETARY**

ANNEXURE 1 - Perpetual Investments Account Codes & Details

Perpetual Investment Management Limited (PIML), subsidiary of Perpetual Limited, as Responsible Entity for:

INTERNAL CODE	REGISTRATION DETAILS
17	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
26	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
33	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
118	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
212	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
649	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
650	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
652	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
653	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
651	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
654	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
670	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
695	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
774	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001

855	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2093	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2095	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2124	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2125	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2127	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2128	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2199	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2210	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2219	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2130	RBC Investor Services Australia Nominees Pty Ltd <BKCUST A/C> GPO Box 5430 Sydney NSW 2001
2089	RBC Investor Services Australia Nominees Pty Limited <PICREDIT> GPO Box 5430 Sydney NSW 2001
2086	RBC Investor Services Australia Nominees Pty Ltd <PI CREDIT A/C> GPO Box 5430 Sydney NSW 2001
106	RBC Investor Services Australia Nominees Pty Ltd <PI POOLED A/C> GPO Box 5430 Sydney NSW 2001
133	RBC Investor Services Australia Nominees Pty Ltd <PI POOLED A/C> GPO Box 5430 Sydney NSW 2001

323	RBC Investor Services Australia Nominees Pty Ltd <PI POOLED A/C> GPO Box 5430 Sydney NSW 2001
669	RBC Investor Services Australia Nominees Pty Ltd <PI POOLED A/C> GPO Box 5430 Sydney NSW 2001
139	RBC Investor Services Australia Nominees Pty Ltd <PIQTE2 A/C> GPO Box 5430 Sydney NSW 2001
44	UBS Nominees Pty Ltd Level 16 Chifley Tower 2 Chifley Square Sydney NSW 2000
108	UBS Nominees Pty Ltd Level 16, Chifley Tower 2 Chifley Square Sydney NSW 2000
414	UBS Nominees Pty Ltd Level 16 Chifley Tower 2 Chifley Square Sydney NSW 2000
696	UBS Nominees Pty Ltd Level 16 Chifley Tower 2 Chifley Square Sydney NSW 2000
941	UBS Nominees Pty Ltd Level 16 Chifley Tower 2 Chifley Square Sydney NSW 2000

Perpetual Investment Management Limited (PIML), subsidiary of Perpetual Limited, as Trustee for:

ALL 'SS' CODES	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
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Perpetual Investment Management Limited (PIML), subsidiary of Perpetual Limited, under Investment Management Agreements with:

INTERNAL CODE	REGISTRATION DETAILS
227	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225
248	BNP Paribas Noms Pty Ltd P.O. Box R209 Royal Exchange Sydney NSW 1225
702	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225
740	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225

786	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225
2085	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225
2122	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225
2131	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225
2216	BNP Paribas Nominees Pty Ltd PO Box R209 Royal Exchange NSW 1225
220	Citicorp Nominees Pty Ltd GPO Box 764G Melbourne VIC 3001
221	Citicorp Nominees Pty Ltd GPO Box 764G Melbourne VIC 3001
222	Citicorp Nominees Pty Ltd GPO Box 764G Melbourne VIC 3001
224	Citicorp Nominees Pty Ltd GPO Box 764G Melbourne VIC 3001
2163	Citicorp Nominees Pty Ltd GPO Box 764G Melbourne VIC 3001
2222	Citicorp Nominees Pty Ltd GPO Box 764G Melbourne VIC 3001
194	Northern Trust Company Melbourne Branch: HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
779	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2101	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2152	Northern Trust Company Melbourne Branch: HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001

2161	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
2172	HSBC Custody Nominees (Australia) Limited GPO Box 5302 Sydney NSW 2001
210	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
215	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
230	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
231	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
392	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
394	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
449	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
773	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
788	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
791	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
2100	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
2166	JPMorgan Nominees Australia Limited Locked Bag 20049 Melbourne VIC 3001
711	National Nominees Pty Ltd PO Box 1406 Melbourne VIC 3001

787	National Nominees Pty Ltd PO Box 1406 Melbourne VIC 3001
2083	National Nominees Pty Ltd PO Box 1406 Melbourne VIC 3001
2097	National Nominees Pty Ltd PO Box 1406 Melbourne VIC 3001
2160	National Nominees Pty Ltd PO Box 1406 Melbourne VIC 3001
2220	National Nominees Pty Ltd PO Box 1406 Melbourne VIC 3001

Perpetual Trustee Company Limited as trustee, custodian or nominee

INTERNAL CODE	REGISTRATION DETAILS
T2	Perpetual Trustee Company Limited GPO Box 4172 Sydney NSW 2001
T3	The Trust Company Limited GPO Box 4270 Sydney NSW 2001
T4	Perpetual Trustee Company Limited GPO Box 4172 Sydney NSW 2001
T6	Perpetual Trustee Company Limited GPO Box 4172 Sydney NSW 2001
T7	Perpetual Trustee Company Limited GPO Box 4172 Sydney NSW 2001

ANNEXURE 2**CHANGES IN RELEVANT INTERESTS**

Account	Security	Volume	Value	AsAtDate
392	ORI	45,694	761,557	05/09/2018
392	ORI	24,814	417,404	04/09/2018
17	ORI	11,573	199,941	07/12/2018
194	ORI	2,627	43,929	10/10/2018
392	ORI	49,755	855,140	03/09/2018
17	ORI	1,065	18,446	07/12/2018
652	ORI	- 26,214	456,147	04/10/2018
740	ORI	- 39,900	690,326	04/02/2019
740	ORI	- 35,093	606,282	01/02/2019
392	ORI	42,106	722,221	22/08/2018
392	ORI	33,761	579,990	21/08/2018
194	ORI	10,502	174,666	19/09/2018
652	ORI	- 25,168	431,752	28/09/2018
194	ORI	576	9,520	17/09/2018
194	ORI	4,903	80,785	13/09/2018
652	ORI	- 35,192	604,495	27/09/2018
941	ORI	- 58,000	1,003,595	04/02/2019
392	ORI	75,751	1,302,942	15/08/2018
652	ORI	- 111,832	1,914,669	26/09/2018
941	ORI	- 51,040	881,889	01/02/2019
17	ORI	13,954	244,556	30/11/2018
194	ORI	5,213	86,543	07/09/2018
652	ORI	- 111,374	1,904,381	25/09/2018
194	ORI	3,484	58,100	06/09/2018
T2	ORI	150	2,498	06/09/2018
740	ORI	- 632	11,043	22/01/2019
740	ORI	- 1,358	23,727	21/01/2019
194	ORI	9,157	152,615	05/09/2018
194	ORI	4,853	81,634	04/09/2018
740	ORI	- 4,521	79,311	18/01/2019
740	ORI	- 1,646	28,853	18/01/2019
779	ORI	- 32,599	564,009	04/02/2019
17	ORI	16,414	291,422	29/11/2018
194	ORI	7,077	121,632	03/09/2018
740	ORI	- 5,614	98,193	17/01/2019
779	ORI	- 28,412	490,858	01/02/2019
740	ORI	- 2,129	37,053	10/01/2019
194	ORI	7,020	120,410	22/08/2018
194	ORI	4,966	85,312	21/08/2018
740	ORI	- 1,359	23,615	09/01/2019
779	ORI	- 518	9,051	22/01/2019
779	ORI	- 1,189	20,774	21/01/2019
194	ORI	20,303	349,218	15/08/2018
779	ORI	- 3,706	65,013	18/01/2019
779	ORI	- 1,329	23,296	18/01/2019
779	ORI	- 4,490	78,534	17/01/2019
941	ORI	- 827	14,452	22/01/2019

941	ORI	-	1,974	34,493	21/01/2019
779	ORI	-	1,776	30,909	10/01/2019
941	ORI	-	6,534	114,637	18/01/2019
941	ORI	-	2,365	41,461	18/01/2019
779	ORI	-	1,066	18,524	09/01/2019
941	ORI	-	8,251	144,333	17/01/2019
740	ORI		4,706	79,426	10/12/2018
740	ORI		8,110	140,128	07/12/2018
740	ORI		746	12,922	07/12/2018
941	ORI	-	3,079	53,588	10/01/2019
941	ORI	-	3,630	63,084	09/01/2019
652	ORI	-	84,354	1,474,245	28/08/2018
740	ORI		9,582	167,952	30/11/2018
740	ORI		10,999	195,303	29/11/2018
2163	ORI	-	1,028	17,963	22/01/2019
779	ORI		21,159	357,115	10/12/2018
779	ORI		4,434	76,613	07/12/2018
2125	ORI		1,294	21,579	05/09/2018
2163	ORI	-	2,388	41,722	21/01/2019
2125	ORI		660	11,101	04/09/2018
2163	ORI	-	7,801	136,851	18/01/2019
2163	ORI	-	2,825	49,519	18/01/2019
17	ORI		4,511	79,872	14/11/2018
779	ORI		123,869	2,144,172	07/12/2018
2163	ORI	-	9,912	173,369	17/01/2019
2163	ORI	-	20,158	351,223	16/01/2019
17	ORI		8,572	153,647	13/11/2018
779	ORI		408	7,067	07/12/2018
220	ORI		2,363	39,406	06/09/2018
2163	ORI	-	3,151	54,802	15/01/2019
2163	ORI	-	831	14,436	11/01/2019
220	ORI		12,689	211,628	05/09/2018
220	ORI		6,145	103,367	04/09/2018
941	ORI		7,322	123,565	10/12/2018
2163	ORI	-	3,723	64,794	10/01/2019
2163	ORI	-	3,474	60,367	09/01/2019
941	ORI		11,000	190,042	07/12/2018
941	ORI		1,012	17,528	07/12/2018
26	ORI	-	120,216	2,080,140	04/02/2019
740	ORI	-	6,055	111,039	09/11/2018
740	ORI	-	4,650	85,257	08/11/2018
740	ORI	-	479	8,657	07/11/2018
740	ORI	-	20,110	362,882	07/11/2018
26	ORI	-	107,564	1,858,533	01/02/2019
740	ORI	-	12,764	225,770	02/11/2018
941	ORI		12,248	214,657	30/11/2018
941	ORI		13,750	244,124	29/11/2018
2163	ORI	-	1,340	23,144	17/12/2018
740	ORI		3,840	62,503	26/10/2018
17	ORI	-	8,705	159,654	09/11/2018
220	ORI		537	9,209	14/08/2018
17	ORI		9,022	165,944	09/11/2018
17	ORI		9,474	174,592	09/11/2018

779	ORI		5,372	94,160	30/11/2018
17	ORI	-	6,616	121,317	08/11/2018
26	ORI	-	521	9,105	22/01/2019
26	ORI	-	4,090	71,467	21/01/2019
740	ORI		7,599	124,123	12/10/2018
779	ORI		6,138	108,989	29/11/2018
17	ORI		5,646	103,822	08/11/2018
650	ORI		1,976	32,949	06/09/2018
740	ORI		1,878	31,404	10/10/2018
17	ORI	-	29,088	524,949	07/11/2018
26	ORI	-	13,890	243,696	18/01/2019
26	ORI	-	4,960	86,953	18/01/2019
650	ORI		10,584	176,501	05/09/2018
650	ORI		5,156	86,721	04/09/2018
17	ORI	-	692	12,508	07/11/2018
17	ORI		37,480	678,789	07/11/2018
17	ORI		3,353	60,697	07/11/2018
26	ORI	-	18,093	316,497	17/01/2019
17	ORI		8,267	149,244	06/11/2018
941	ORI	-	7,572	138,874	09/11/2018
941	ORI	-	6,352	116,476	08/11/2018
17	ORI		123	2,187	05/11/2018
17	ORI		3,609	64,158	05/11/2018
941	ORI	-	641	11,586	07/11/2018
941	ORI	-	26,950	486,364	07/11/2018
941	ORI	-	5,892	105,914	05/11/2018
941	ORI	-	19,933	352,616	02/11/2018
941	ORI		27,357	449,125	02/11/2018
17	ORI	-	18,212	322,171	02/11/2018
26	ORI	-	6,507	113,251	10/01/2019
26	ORI	-	35,562	618,019	09/01/2019
740	ORI		2,698	45,567	25/09/2018
17	ORI		25,184	451,088	02/11/2018
779	ORI	-	3,298	60,480	09/11/2018
779	ORI	-	2,521	46,222	08/11/2018
779	ORI	-	267	4,825	07/11/2018
779	ORI	-	11,221	202,482	07/11/2018
779	ORI	-	18,555	328,202	02/11/2018
740	ORI		9,766	162,425	19/09/2018
2163	ORI	-	9,676	177,442	09/11/2018
2163	ORI	-	4,406	80,783	08/11/2018
740	ORI		720	11,900	17/09/2018
740	ORI		8,087	133,247	13/09/2018
941	ORI		8,909	145,504	12/10/2018
650	ORI		428	7,339	14/08/2018
941	ORI		2,314	38,690	10/10/2018
740	ORI		5,742	95,325	07/09/2018
740	ORI		3,560	59,368	06/09/2018
17	ORI		5,325	86,664	26/10/2018
740	ORI		10,159	169,315	05/09/2018
740	ORI		5,492	92,383	04/09/2018
740	ORI		11,004	189,126	03/09/2018
26	ORI		11,514	194,308	10/12/2018

26	ORI		20,131	347,794	07/12/2018
26	ORI		1,852	32,077	07/12/2018
941	ORI		2,615	44,160	25/09/2018
740	ORI		9,368	160,684	22/08/2018
779	ORI		5,825	96,880	19/09/2018
651	ORI	-	607	10,608	22/01/2019
740	ORI		7,493	128,724	21/08/2018
651	ORI	-	1,415	24,725	21/01/2019
779	ORI		428	7,074	17/09/2018
941	ORI		13,750	228,660	19/09/2018
2163	ORI	-	9,293	161,688	04/10/2018
779	ORI		4,831	79,599	13/09/2018
26	ORI		30,002	525,812	30/11/2018
651	ORI	-	4,667	81,881	18/01/2019
651	ORI	-	1,680	29,452	18/01/2019
2163	ORI	-	8,951	153,535	28/09/2018
2163	ORI	-	12,757	219,103	27/09/2018
26	ORI		27,237	483,578	29/11/2018
651	ORI	-	5,907	103,330	17/01/2019
740	ORI		16,498	283,771	15/08/2018
779	ORI		3,423	56,826	07/09/2018
2163	ORI	-	40,142	687,191	26/09/2018
651	ORI	-	11,975	208,654	16/01/2019
779	ORI		2,115	35,271	06/09/2018
779	ORI		6,062	101,032	05/09/2018
941	ORI		9,582	157,862	13/09/2018
2163	ORI	-	40,077	685,198	25/09/2018
651	ORI	-	2,127	36,994	15/01/2019
779	ORI		3,276	55,107	04/09/2018
779	ORI		6,554	112,644	03/09/2018
941	ORI		2,081	34,389	10/09/2018
651	ORI	-	441	7,662	11/01/2019
941	ORI		6,333	105,125	07/09/2018
651	ORI	-	2,164	37,663	10/01/2019
941	ORI		3,982	66,398	06/09/2018
17	ORI		10,789	176,209	12/10/2018
651	ORI	-	1,956	33,993	09/01/2019
779	ORI		5,583	95,762	22/08/2018
941	ORI		11,250	187,477	05/09/2018
941	ORI		6,000	100,917	04/09/2018
779	ORI		4,461	76,637	21/08/2018
941	ORI		11,250	193,332	03/09/2018
17	ORI		2,353	39,342	10/10/2018
26	ORI	-	19,138	351,000	09/11/2018
779	ORI		9,851	169,440	15/08/2018
26	ORI	-	16,640	305,125	08/11/2018
26	ORI	-	1,507	27,239	07/11/2018
26	ORI	-	63,319	1,142,712	07/11/2018
26	ORI	-	42,494	751,721	02/11/2018
2163	ORI	-	31,627	552,679	28/08/2018
941	ORI		11,250	192,943	22/08/2018
651	ORI	-	407	7,030	17/12/2018
26	ORI		8,766	142,667	26/10/2018

941	ORI		19,198	330,175	15/08/2018
215	ORI	-	185,180	3,203,874	04/02/2019
215	ORI	-	162,645	2,809,928	01/02/2019
26	ORI		14,629	238,925	12/10/2018
215	ORI	-	2,903	50,726	22/01/2019
215	ORI	-	6,220	108,674	21/01/2019
215	ORI	-	20,971	367,888	18/01/2019
215	ORI	-	7,642	133,956	18/01/2019
215	ORI	-	26,073	456,037	17/01/2019
26	ORI		10,511	177,501	25/09/2018
215	ORI	-	9,909	172,454	10/01/2019
215	ORI	-	965	16,769	09/01/2019
651	ORI	-	5,710	104,724	09/11/2018
651	ORI	-	3,544	64,986	08/11/2018
696	ORI	-	25,661	470,635	09/11/2018
696	ORI	-	21,615	396,351	08/11/2018
26	ORI		30,587	508,657	19/09/2018
17	ORI		3,914	66,096	25/09/2018
215	ORI		21,801	367,951	10/12/2018
215	ORI		37,419	646,543	07/12/2018
26	ORI		1,099	18,161	17/09/2018
215	ORI		3,442	59,622	07/12/2018
26	ORI		48,458	798,340	13/09/2018
26	ORI		17,025	282,606	07/09/2018
215	ORI		41,915	734,681	30/11/2018
26	ORI		10,287	171,531	06/09/2018
215	ORI		51,445	913,481	29/11/2018
2216	ORI	-	592	10,344	22/01/2019
2216	ORI	-	1,399	24,443	21/01/2019
26	ORI		32,026	533,700	05/09/2018
2216	ORI	-	4,681	82,117	18/01/2019
26	ORI		16,674	280,447	04/09/2018
26	ORI		32,741	562,657	03/09/2018
2216	ORI	-	1,702	29,834	18/01/2019
2216	ORI	-	5,906	103,301	17/01/2019
2216	ORI	-	12,108	210,964	16/01/2019
17	ORI		14,237	236,759	19/09/2018
2085	ORI	-	21,842	377,897	04/02/2019
2216	ORI	-	1,757	30,558	15/01/2019
2085	ORI	-	19,210	331,881	01/02/2019
2216	ORI	-	432	7,504	11/01/2019
2216	ORI	-	2,198	38,254	10/01/2019
2216	ORI	-	3,077	53,468	09/01/2019
17	ORI	-	57,287	991,257	04/02/2019
17	ORI		1,023	16,905	17/09/2018
17	ORI	-	50,505	872,645	01/02/2019
215	ORI	-	28,025	513,933	09/11/2018
215	ORI	-	21,536	394,858	08/11/2018
26	ORI		50,594	867,714	22/08/2018
215	ORI	-	2,210	39,941	07/11/2018
215	ORI	-	92,885	1,676,098	07/11/2018
651	ORI	-	5,577	97,045	04/10/2018
26	ORI	-	140,000	2,405,102	21/08/2018

26	ORI	-	14,914	255,507	21/08/2018
215	ORI	-	59,162	1,046,461	02/11/2018
17	ORI		11,788	194,206	13/09/2018
2216	ORI	-	838	14,474	17/12/2018
215	ORI		17,929	291,827	26/10/2018
651	ORI	-	5,322	91,298	28/09/2018
651	ORI	-	7,460	128,141	27/09/2018
651	ORI	-	23,700	405,766	26/09/2018
26	ORI		57,301	985,486	15/08/2018
651	ORI	-	23,485	401,569	25/09/2018
215	ORI		35,212	575,157	12/10/2018
215	ORI		8,671	144,996	10/10/2018
2085	ORI	-	346	6,046	22/01/2019
2085	ORI	-	743	12,982	21/01/2019
2085	ORI	-	2,474	43,401	18/01/2019
2085	ORI	-	902	15,811	18/01/2019
2085	ORI	-	3,073	53,749	17/01/2019
17	ORI		8,307	137,892	07/09/2018
215	ORI		12,562	212,160	25/09/2018
2085	ORI	-	1,167	20,310	10/01/2019
17	ORI		5,073	84,590	06/09/2018
2085	ORI	-	744	12,928	09/01/2019
215	ORI		45,303	753,466	19/09/2018
17	ORI		14,650	244,136	05/09/2018
215	ORI		3,352	55,399	17/09/2018
17	ORI		7,954	133,782	04/09/2018
215	ORI		35,451	584,117	13/09/2018
17	ORI		7,829	134,542	03/09/2018
215	ORI		26,636	442,193	07/09/2018
215	ORI		16,513	275,377	06/09/2018
215	ORI		46,899	781,640	05/09/2018
215	ORI		25,511	429,128	04/09/2018
2100	ORI	-	22,140	383,096	04/02/2019
2216	ORI	-	5,759	105,611	09/11/2018
215	ORI		51,152	879,150	03/09/2018
2085	ORI		2,577	43,494	10/12/2018
2100	ORI	-	19,447	336,013	01/02/2019
2216	ORI	-	6,450	118,259	08/11/2018
2222	ORI		985	16,428	05/09/2018
2222	ORI		535	8,999	04/09/2018
44	ORI	-	4,124	68,264	21/12/2018
651	ORI	-	15,740	275,086	28/08/2018
2085	ORI		4,439	76,699	07/12/2018
2085	ORI		408	7,067	07/12/2018
2152	ORI	-	101,924	1,763,627	04/02/2019
2216	ORI	-	601	10,863	07/11/2018
2152	ORI	-	89,172	1,540,749	01/02/2019
702	ORI	-	28,810	498,453	04/02/2019
215	ORI		43,451	745,291	22/08/2018
702	ORI	-	25,182	435,055	01/02/2019
2085	ORI		5,245	91,934	30/11/2018
44	ORI	-	4,495	75,640	11/12/2018
215	ORI		34,829	598,338	21/08/2018

2085	ORI		6,022	106,929	29/11/2018
2100	ORI	-	349	6,099	22/01/2019
2100	ORI	-	746	13,035	21/01/2019
2100	ORI	-	2,508	44,002	18/01/2019
2100	ORI	-	914	16,023	18/01/2019
2100	ORI	-	3,119	54,560	17/01/2019
2152	ORI	-	1,594	27,856	22/01/2019
2152	ORI	-	3,515	61,420	21/01/2019
2152	ORI	-	11,642	204,255	18/01/2019
215	ORI		76,630	1,318,062	15/08/2018
2152	ORI	-	4,184	73,349	18/01/2019
449	ORI	-	56,866	983,862	04/02/2019
702	ORI	-	458	8,003	22/01/2019
702	ORI	-	1,065	18,607	21/01/2019
2152	ORI	-	14,286	249,902	17/01/2019
449	ORI	-	49,598	856,877	01/02/2019
702	ORI	-	3,255	57,102	18/01/2019
2100	ORI	-	1,187	20,659	10/01/2019
2100	ORI	-	345	5,996	09/01/2019
702	ORI	-	1,174	20,579	18/01/2019
2216	ORI	-	6,164	107,247	04/10/2018
702	ORI	-	4,044	70,733	17/01/2019
2152	ORI	-	5,530	96,247	10/01/2019
2085	ORI	-	3,315	60,792	09/11/2018
2085	ORI	-	2,547	46,699	08/11/2018
2152	ORI	-	1,309	22,749	09/01/2019
2216	ORI	-	5,427	93,089	28/09/2018
2216	ORI	-	7,642	131,252	27/09/2018
702	ORI	-	1,465	25,497	10/01/2019
2085	ORI	-	262	4,735	07/11/2018
2085	ORI	-	11,008	198,638	07/11/2018
2216	ORI	-	24,326	416,437	26/09/2018
2085	ORI	-	6,988	123,604	02/11/2018
2216	ORI	-	25,064	428,520	25/09/2018
449	ORI	-	1,005	17,561	22/01/2019
449	ORI	-	1,987	34,716	21/01/2019
2131	ORI	-	63,510	1,098,936	04/02/2019
17	ORI	-	888	15,518	22/01/2019
449	ORI	-	6,449	113,133	18/01/2019
2085	ORI		2,105	34,263	26/10/2018
2131	ORI	-	56,193	970,925	01/02/2019
17	ORI	-	1,907	33,322	21/01/2019
449	ORI	-	2,320	40,667	18/01/2019
17	ORI	-	6,462	113,374	18/01/2019
449	ORI	-	7,491	131,024	17/01/2019
17	ORI	-	2,366	41,478	18/01/2019
17	ORI		13,693	234,842	22/08/2018
652	ORI	-	2,656	46,415	22/01/2019
652	ORI	-	6,456	112,810	21/01/2019
2085	ORI		4,163	67,999	12/10/2018
17	ORI	-	7,977	139,540	17/01/2019
17	ORI		10,978	188,594	21/08/2018
44	ORI	-	4,129	68,897	29/10/2018

449	ORI	-	2,840	49,427	10/01/2019
449	ORI	-	1,808	31,417	09/01/2019
652	ORI	-	21,447	376,281	18/01/2019
652	ORI	-	7,763	136,092	18/01/2019
652	ORI	-	27,011	472,497	17/01/2019
2085	ORI		1,030	17,224	10/10/2018
2131	ORI	-	978	17,091	22/01/2019
2152	ORI		12,056	203,455	10/12/2018
2152	ORI		20,842	360,077	07/12/2018
17	ORI	-	8,087	138,906	21/08/2018
652	ORI	-	55,759	971,554	16/01/2019
2131	ORI	-	2,167	37,865	21/01/2019
2152	ORI		1,917	33,203	07/12/2018
44	ORI	-	4,058	66,903	25/10/2018
652	ORI	-	8,769	152,516	15/01/2019
702	ORI		3,594	60,658	10/12/2018
702	ORI		5,809	100,371	07/12/2018
2131	ORI	-	7,190	126,146	18/01/2019
2131	ORI	-	2,624	46,001	18/01/2019
392	ORI	-	179,624	3,107,748	04/02/2019
702	ORI		534	9,250	07/12/2018
2131	ORI	-	8,831	154,479	17/01/2019
652	ORI	-	1,968	34,191	11/01/2019
2152	ORI		24,295	425,792	30/11/2018
2216	ORI	-	18,279	319,424	28/08/2018
392	ORI	-	157,287	2,717,360	01/02/2019
652	ORI	-	10,102	175,820	10/01/2019
2100	ORI		2,609	44,029	10/12/2018
2152	ORI		35,146	623,998	29/11/2018
17	ORI	-	3,025	52,649	10/01/2019
652	ORI	-	12,938	224,845	09/01/2019
702	ORI		6,970	122,169	30/11/2018
2100	ORI		4,483	77,451	07/12/2018
2100	ORI		412	7,136	07/12/2018
2131	ORI	-	3,599	62,639	10/01/2019
17	ORI	-	10,424	181,155	09/01/2019
702	ORI		7,519	133,511	29/11/2018
449	ORI		6,706	113,182	10/12/2018
449	ORI		11,554	199,635	07/12/2018
2152	ORI		849	14,838	23/11/2018
449	ORI		1,063	18,413	07/12/2018
2100	ORI		5,311	93,080	30/11/2018
2152	ORI		22,661	392,134	22/11/2018
392	ORI	-	2,784	48,646	22/01/2019
2100	ORI		5,915	105,018	29/11/2018
17	ORI		24,353	418,833	15/08/2018
392	ORI	-	5,958	104,097	21/01/2019
392	ORI	-	20,075	352,170	18/01/2019
392	ORI	-	7,318	128,277	18/01/2019
2085	ORI		1,477	24,945	25/09/2018
392	ORI	-	26,294	459,903	17/01/2019
449	ORI		13,831	242,428	30/11/2018
2152	ORI		100,000	1,792,412	13/11/2018

449	ORI		15,214	270,147	29/11/2018
702	ORI	-	4,376	80,249	09/11/2018
2085	ORI		5,346	88,913	19/09/2018
392	ORI	-	9,487	165,110	10/01/2019
652	ORI	-	6,956	120,155	17/12/2018
702	ORI	-	3,562	65,309	08/11/2018
702	ORI	-	345	6,235	07/11/2018
702	ORI	-	14,494	261,542	07/11/2018
2131	ORI		7,426	125,320	10/12/2018
2131	ORI		12,107	209,167	07/12/2018
2131	ORI		1,114	19,295	07/12/2018
2152	ORI	-	10,783	197,726	08/11/2018
2152	ORI	-	1,082	19,557	07/11/2018
2152	ORI	-	45,493	821,008	07/11/2018
392	ORI	-	923	16,039	09/01/2019
702	ORI	-	9,009	159,352	02/11/2018
2085	ORI		394	6,512	17/09/2018
2085	ORI		4,427	72,943	13/09/2018
2152	ORI	-	28,998	512,976	02/11/2018
702	ORI		2,656	43,231	26/10/2018
2100	ORI	-	3,357	61,569	09/11/2018
2085	ORI		3,143	52,178	07/09/2018
2085	ORI		1,948	32,486	06/09/2018
2100	ORI	-	2,579	47,291	08/11/2018
2100	ORI	-	266	4,808	07/11/2018
2100	ORI	-	11,160	201,404	07/11/2018
2131	ORI		13,928	244,101	30/11/2018
2152	ORI		8,762	142,601	26/10/2018
2085	ORI		5,560	92,665	05/09/2018
2085	ORI		3,007	50,582	04/09/2018
2100	ORI	-	7,077	125,193	02/11/2018
2131	ORI		5,129	91,063	29/11/2018
449	ORI	-	8,525	156,335	09/11/2018
2085	ORI		6,024	103,535	03/09/2018
449	ORI	-	6,923	126,932	08/11/2018
449	ORI	-	677	12,235	07/11/2018
449	ORI	-	28,437	513,142	07/11/2018
702	ORI		4,126	67,395	12/10/2018
2100	ORI		2,131	34,682	26/10/2018
449	ORI	-	16,365	289,465	02/11/2018
2152	ORI		17,270	282,058	12/10/2018
702	ORI		2,630	43,979	10/10/2018
2131	ORI		8,366	144,768	22/11/2018
392	ORI		20,865	352,153	10/12/2018
449	ORI		6,064	98,703	26/10/2018
2152	ORI		4,292	71,763	10/10/2018
44	ORI		9,541	159,091	06/09/2018
44	ORI		51,480	858,491	05/09/2018
44	ORI		24,315	408,964	04/09/2018
392	ORI		35,933	620,867	07/12/2018
392	ORI		3,306	57,267	07/12/2018
2085	ORI		5,128	87,958	22/08/2018
2100	ORI		4,211	68,775	12/10/2018

2085	ORI		4,104	70,504	21/08/2018
2100	ORI		1,029	17,205	10/10/2018
449	ORI		9,864	161,120	12/10/2018
702	ORI		832	14,052	25/09/2018
2131	ORI	-	12,700	232,924	09/11/2018
2131	ORI	-	4,742	86,953	08/11/2018
2131	ORI	-	700	12,652	07/11/2018
2131	ORI	-	29,412	530,796	07/11/2018
392	ORI		40,031	701,658	30/11/2018
449	ORI		2,023	33,829	10/10/2018
2085	ORI		9,029	155,302	15/08/2018
2131	ORI	-	41,926	741,673	02/11/2018
2152	ORI		6,130	103,518	25/09/2018
194	ORI	-	32,102	555,410	04/02/2019
392	ORI		49,072	871,345	29/11/2018
194	ORI	-	28,652	495,005	01/02/2019
702	ORI		8,282	137,744	19/09/2018
2100	ORI		1,495	25,246	25/09/2018
2152	ORI		22,190	369,016	19/09/2018
649	ORI		11,120	185,420	06/09/2018
702	ORI		652	10,776	17/09/2018
702	ORI		4,720	77,770	13/09/2018
449	ORI		3,668	61,949	25/09/2018
649	ORI		60,380	1,006,909	05/09/2018
649	ORI		28,935	486,670	04/09/2018
2152	ORI		1,636	27,035	17/09/2018
2152	ORI		18,378	302,776	13/09/2018
44	ORI		2,261	38,771	14/08/2018
2100	ORI		5,417	90,084	19/09/2018
2131	ORI		7,578	123,766	12/10/2018
194	ORI	-	537	9,383	22/01/2019
194	ORI	-	1,320	23,063	21/01/2019
194	ORI	-	1,286	22,542	18/01/2019
702	ORI		4,579	76,018	07/09/2018
702	ORI		3,046	50,796	06/09/2018
2131	ORI		4,751	79,437	10/10/2018
194	ORI	-	3,678	64,522	18/01/2019
449	ORI		14,326	238,266	19/09/2018
702	ORI		7,709	128,482	05/09/2018
702	ORI		3,895	65,519	04/09/2018
2100	ORI		400	6,610	17/09/2018
2100	ORI		4,484	73,873	13/09/2018
2152	ORI		13,155	218,366	07/09/2018
194	ORI	-	5,505	96,287	17/01/2019
702	ORI		5,583	95,955	03/09/2018
2152	ORI		8,086	134,830	06/09/2018
2152	ORI		22,978	382,919	05/09/2018
392	ORI	-	27,093	496,842	09/11/2018
392	ORI	-	20,763	380,685	08/11/2018
449	ORI		821	13,569	17/09/2018
449	ORI		12,935	213,127	13/09/2018
2152	ORI		12,480	209,906	04/09/2018
2152	ORI		25,016	429,902	03/09/2018

194	ORI	-	1,717	29,882	10/01/2019
194	ORI	-	4,848	84,242	09/01/2019
392	ORI	-	2,141	38,694	07/11/2018
392	ORI	-	90,001	1,624,057	07/11/2018
2100	ORI		3,183	52,836	07/09/2018
2100	ORI		1,973	32,899	06/09/2018
392	ORI	-	57,334	1,014,128	02/11/2018
2100	ORI		5,623	93,705	05/09/2018
2100	ORI		3,045	51,215	04/09/2018
449	ORI		7,971	132,329	07/09/2018
449	ORI		5,316	88,652	06/09/2018
702	ORI		6,665	114,321	22/08/2018
2100	ORI		6,103	104,881	03/09/2018
392	ORI		17,422	283,575	26/10/2018
449	ORI		14,456	240,930	05/09/2018
449	ORI		8,239	138,591	04/09/2018
702	ORI		2,216	38,069	21/08/2018
449	ORI		16,708	287,161	03/09/2018
2131	ORI		20,454	340,147	19/09/2018
2152	ORI		21,290	365,135	22/08/2018
2124	ORI		841	14,025	05/09/2018
2124	ORI		454	7,636	04/09/2018
2152	ORI		17,027	292,512	21/08/2018
652	ORI	-	26,391	484,023	09/11/2018
702	ORI		14,936	256,904	15/08/2018
392	ORI		34,356	561,175	12/10/2018
649	ORI		2,550	43,726	14/08/2018
652	ORI	-	25,478	467,187	08/11/2018
2100	ORI		5,058	86,747	22/08/2018
2131	ORI		10,395	171,256	13/09/2018
194	ORI		3,944	66,566	10/12/2018
194	ORI		12,166	210,210	07/12/2018
392	ORI		8,473	141,685	10/10/2018
652	ORI	-	34,906	630,998	07/11/2018
2100	ORI		4,158	71,432	21/08/2018
194	ORI		1,119	19,383	07/12/2018
449	ORI		14,145	242,621	22/08/2018
2131	ORI		10,098	167,622	07/09/2018
2152	ORI		37,476	644,527	15/08/2018
449	ORI		11,066	190,106	21/08/2018
2131	ORI		7,002	116,755	06/09/2018
2131	ORI		17,777	296,246	05/09/2018
2131	ORI		8,560	143,974	04/09/2018
2131	ORI		13,204	226,912	03/09/2018
2100	ORI		9,163	157,589	15/08/2018
194	ORI		1,917	33,176	22/11/2018
392	ORI		12,202	206,080	25/09/2018
449	ORI		22,595	388,642	15/08/2018
2131	ORI		14,649	251,238	22/08/2018
17	ORI	-	10,039	169,424	13/12/2018
392	ORI		44,015	732,044	19/09/2018
2131	ORI		4,941	84,883	21/08/2018
194	ORI	-	4,981	91,344	09/11/2018

194	ORI	-	4,744	86,980	08/11/2018
194	ORI	-	391	7,066	07/11/2018
194	ORI	-	16,422	296,333	07/11/2018
194	ORI	-	23,594	417,332	02/11/2018
392	ORI		3,270	54,044	17/09/2018
392	ORI		34,491	568,299	13/09/2018
2131	ORI		33,536	576,766	15/08/2018
194	ORI		3,274	53,478	12/10/2018
392	ORI		25,923	430,357	07/09/2018
392	ORI		16,098	268,456	06/09/2018
17	ORI		6,844	115,498	10/12/2018