

IASI L0 and L1 Daily Monitoring Report

IASI monitoring team

31/03/2018 00:00:00 - 01/04/2018 00:00:00

1 Introduction

This report provides summary monitoring plots and figures from IASI instrument on the MetOp-A satellite retrieved from the IASI L0 and L1 ENG product (3 minute data packet) for 31/03/2018 00:00:00 - 01/04/2018 00:00:00 .

The monitoring data are extracted on PDU basis.

Data extraction, calibration, processing and statistics are performed at EUMETSAT.

2 Data quantity 31/03/2018 00:00:00 - 01/04/2018 00:00:00

Product Type	Number	Action
L0 HKTM PDUs	481	-
L0 IASI PDUs	481	-
L1 ENG PDUs	480	-
L1 ENG distinct GEPSGranule	481	-
L1 DPX PDUs (RM: IASI-HIRS)	480	-
L1 DPS Files (RM: OBS-CAL NWP based)	480	-

Table 1: Data quantity

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	4310	4312	20180331024034.554	20180331024034.984
PX1 (130)	4343	4345	20180331024043.202	20180331024043.632
PX1 (130)	4374	4376	20180331024051.417	20180331024051.851
PX1 (130)	4391	4393	20180331024056.605	20180331024057.038
PX1 (130)	4402	4404	20180331024058.984	20180331024059.417
PX1 (130)	4431	4433	20180331024106.769	20180331024107.202
PX1 (130)	4468	4470	20180331024116.280	20180331024116.714
PX1 (130)	4473	4475	20180331024117.362	20180331024117.796
PX1 (130)	4483	4485	20180331024121.038	20180331024121.472
PX1 (130)	4490	4492	20180331024122.550	20180331024122.984
PX1 (130)	4520	4522	20180331024130.550	20180331024130.984
PX1 (130)	4522	4524	20180331024130.984	20180331024131.417
PX1 (130)	4524	4526	20180331024131.417	20180331024131.851
PX1 (130)	4537	4539	20180331024134.226	20180331024136.175
PX1 (130)	4541	4543	20180331024136.605	20180331024137.038
PX1 (130)	4543	4545	20180331024137.038	20180331024137.472
PX1 (130)	4556	4558	20180331024139.847	20180331024140.280
PX1 (130)	4576	4578	20180331024145.687	20180331024146.120

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	4588	4590	20180331024148.280	20180331024148.714
PX1 (130)	4593	4595	20180331024149.362	20180331024149.792
PX1 (130)	4604	4606	20180331024153.253	20180331024153.687
PX1 (130)	4620	4622	20180331024156.714	20180331024157.144
PX1 (130)	4626	4628	20180331024158.011	20180331024159.956
PX1 (130)	4634	4636	20180331024201.253	20180331024201.687
PX1 (130)	4640	4642	20180331024202.550	20180331024202.983
PX1 (130)	4643	4645	20180331024203.198	20180331024203.632
PX1 (130)	4646	4648	20180331024203.847	20180331024204.280
PX1 (130)	4666	4668	20180331024209.683	20180331024210.116
PX1 (130)	4673	4675	20180331024211.198	20180331024211.632
PX1 (130)	4677	4679	20180331024212.065	20180331024212.495
PX1 (130)	4694	4696	20180331024217.253	20180331024217.687
PX1 (130)	4720	4722	20180331024224.386	20180331024224.819
PX1 (130)	4725	4727	20180331024225.468	20180331024225.901
PX1 (130)	4741	4743	20180331024228.929	20180331024229.362
PX1 (130)	4747	4749	20180331024230.226	20180331024232.171
PX1 (130)	4779	4781	20180331024240.171	20180331024240.604
PX1 (130)	4788	4791	20180331024242.116	20180331024242.769
PX1 (130)	4800	4803	20180331024244.710	20180331024245.358
PX1 (130)	4830	4838	20180331024252.710	20180331024255.952
PX1 (130)	4868	4870	20180331024303.956	20180331024304.386
PX1 (130)	4871	4873	20180331024304.601	20180331024305.034
PX1 (130)	4889	4891	20180331024308.495	20180331024308.925
PX1 (130)	4891	4893	20180331024308.925	20180331024309.358
PX1 (130)	4899	4901	20180331024312.171	20180331024312.604
PX1 (130)	4932	4935	20180331024320.819	20180331024321.468
PX1 (130)	4940	4943	20180331024322.550	20180331024323.198
PX1 (130)	4948	4950	20180331024324.276	20180331024324.710
PX1 (130)	4955	4957	20180331024325.792	20180331024326.222
PX1 (130)	4967	4969	20180331024329.901	20180331024330.331
PX1 (130)	4987	4989	20180331024334.225	20180331024336.167
PX1 (130)	4996	4998	20180331024337.682	20180331024338.116
PX1 (130)	5001	5003	20180331024338.765	20180331024339.194
PX1 (130)	5020	5022	20180331024344.386	20180331024344.819
PX1 (130)	5024	5026	20180331024345.249	20180331024345.682
PX1 (130)	5047	5049	20180331024350.222	20180331024352.167
PX1 (130)	5067	5069	20180331024356.061	20180331024356.491
PX1 (130)	5107	5109	20180331024406.221	20180331024408.167
PX1 (130)	5112	5114	20180331024408.819	20180331024409.249
PX1 (130)	5123	5125	20180331024411.194	20180331024411.628
PX1 (130)	5128	5130	20180331024412.276	20180331024412.710
PX1 (130)	5165	5167	20180331024421.792	20180331024422.221
PX1 (130)	5169	5171	20180331024424.167	20180331024424.600
PX1 (130)	5178	5180	20180331024426.116	20180331024426.546
PX1 (130)	5180	5182	20180331024426.546	20180331024426.979
PX1 (130)	5191	5193	20180331024428.925	20180331024429.358
PX1 (130)	5193	5195	20180331024429.358	20180331024429.788
PX1 (130)	5195	5197	20180331024429.788	20180331024430.221
PX1 (130)	5211	5213	20180331024434.764	20180331024435.194
PX1 (130)	5217	5219	20180331024436.061	20180331024436.491
PX1 (130)	5248	5250	20180331024444.276	20180331024444.710
PX1 (130)	5266	5268	20180331024449.682	20180331024450.112
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	5278	5280	20180331024452.276	20180331024452.706
PX1 (130)	5280	5282	20180331024452.706	20180331024453.139
PX1 (130)	5285	5287	20180331024453.788	20180331024454.221
PX1 (130)	5295	5297	20180331024457.464	20180331024457.897
PX1 (130)	5300	5302	20180331024458.546	20180331024458.979
PX1 (130)	5303	5305	20180331024459.194	20180331024459.624
PX1 (130)	5308	5310	20180331024500.276	20180331024500.706
PX1 (130)	5316	5318	20180331024502.007	20180331024503.952
PX1 (130)	5354	5356	20180331024513.249	20180331024513.678
PX1 (130)	5357	5359	20180331024513.897	20180331024514.327
PX1 (130)	5361	5363	20180331024514.760	20180331024515.194
PX1 (130)	5367	5369	20180331024516.057	20180331024516.491
PX1 (130)	5406	5408	20180331024526.003	20180331024527.952
PX1 (130)	5410	5412	20180331024528.381	20180331024528.815
PX1 (130)	5422	5424	20180331024530.975	20180331024531.409
PX1 (130)	5455	5457	20180331024539.624	20180331024540.057
PX1 (130)	5474	5476	20180331024545.249	20180331024545.678
PX1 (130)	5485	5488	20180331024547.624	20180331024548.272
PX1 (130)	5510	5513	20180331024554.542	20180331024555.194
PX1 (130)	5526	5528	20180331024558.002	20180331024559.948
PX1 (130)	5537	5539	20180331024601.893	20180331024602.327
PX1 (130)	5554	5556	20180331024605.569	20180331024606.002
PX1 (130)	5561	5563	20180331024608.596	20180331024609.030
PX1 (130)	5573	5575	20180331024611.194	20180331024611.624
PX1 (130)	5603	5605	20180331024619.190	20180331024619.624
PX1 (130)	5618	5620	20180331024623.948	20180331024624.381
PX1 (130)	5620	5623	20180331024624.381	20180331024625.030
PX1 (130)	5631	5633	20180331024626.760	20180331024627.190
PX1 (130)	5634	5636	20180331024627.409	20180331024627.838
PX1 (130)	5636	5638	20180331024627.838	20180331024628.272
PX1 (130)	5703	5705	20180331024645.354	20180331024645.788
PX1 (130)	5708	5710	20180331024647.948	20180331024648.381
PX1 (130)	5721	5723	20180331024650.760	20180331024651.190
PX1 (130)	5780	5782	20180331024706.541	20180331024706.975
PX1 (130)	5836	5838	20180331024721.678	20180331024722.108
PX1 (130)	5875	5877	20180331024731.623	20180331024732.053
PX1 (130)	5880	5882	20180331024732.701	20180331024733.135
PX1 (130)	5901	5903	20180331024738.760	20180331024739.190
PX1 (130)	5924	5927	20180331024745.241	20180331024745.893
PX1 (130)	5931	5933	20180331024746.760	20180331024747.190
PX1 (130)	5942	5944	20180331024749.135	20180331024749.569
PX1 (130)	5959	5961	20180331024754.323	20180331024754.760
PX1 (130)	5974	5976	20180331024757.569	20180331024757.998
PX1 (130)	5986	5988	20180331024801.674	20180331024802.108
PX1 (130)	6036	6039	20180331024813.998	20180331024816.162
PX1 (130)	6042	6044	20180331024816.811	20180331024817.240
PX1 (130)	6050	6052	20180331024818.541	20180331024818.971
PX1 (130)	6069	6071	20180331024824.162	20180331024824.592
PX1 (130)	6089	6091	20180331024828.483	20180331024828.916
PX1 (130)	6103	6105	20180331024833.026	20180331024833.459
PX1 (130)	6117	6119	20180331024836.053	20180331024836.486
PX1 (130)	6152	6154	20180331024845.135	20180331024845.565
PX1 (130)	6190	6192	20180331024856.377	20180331024856.811
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	6217	6219	20180331024902.213	20180331024904.158
PX1 (130)	6223	6225	20180331024905.025	20180331024905.459
PX1 (130)	6234	6236	20180331024907.404	20180331024907.834
PX1 (130)	6242	6244	20180331024909.131	20180331024909.565
PX1 (130)	6250	6252	20180331024912.377	20180331024912.807
PX1 (130)	6263	6265	20180331024915.186	20180331024915.619
PX1 (130)	6272	6274	20180331024917.131	20180331024917.565
PX1 (130)	6288	6290	20180331024922.104	20180331024922.537
PX1 (130)	6335	6337	20180331024933.779	20180331024934.213
PX1 (130)	6343	6345	20180331024937.025	20180331024937.455
PX1 (130)	6372	6374	20180331024944.807	20180331024945.240
PX1 (130)	6427	6429	20180331024958.213	20180331025000.158
PX1 (130)	6430	6432	20180331025000.373	20180331025000.807
PX1 (130)	6465	6467	20180331025009.455	20180331025009.889
PX1 (130)	6523	6525	20180331025025.021	20180331025025.455
PX1 (130)	6537	6539	20180331025028.049	20180331025028.482
PX1 (130)	6541	6543	20180331025028.916	20180331025029.346
PX1 (130)	6547	6549	20180331025030.213	20180331025032.158
PX1 (130)	6552	6554	20180331025032.807	20180331025033.240
PX1 (130)	6562	6564	20180331025034.967	20180331025035.400
PX1 (130)	6597	6599	20180331025044.049	20180331025044.482
PX1 (130)	6606	6608	20180331025045.994	20180331025047.939
PX1 (130)	6625	6627	20180331025051.615	20180331025052.049
PX1 (130)	6629	6631	20180331025052.478	20180331025052.912
PX1 (130)	6632	6634	20180331025053.131	20180331025053.560
PX1 (130)	6636	6638	20180331025053.994	20180331025055.939
PX1 (130)	6643	6645	20180331025057.021	20180331025057.455
PX1 (130)	6656	6658	20180331025059.830	20180331025100.263
PX1 (130)	6660	6662	20180331025100.697	20180331025101.127
PX1 (130)	6672	6674	20180331025104.806	20180331025105.236
PX1 (130)	6695	6697	20180331025109.779	20180331025110.209
PX1 (130)	6759	6761	20180331025128.154	20180331025128.588
PX1 (130)	6766	6768	20180331025129.670	20180331025130.099
PX1 (130)	6777	6780	20180331025132.049	20180331025132.697
PX1 (130)	6782	6784	20180331025133.127	20180331025133.560
PX1 (130)	6784	6786	20180331025133.560	20180331025133.994
PX1 (130)	6819	6821	20180331025144.154	20180331025144.588
PX1 (130)	6846	6848	20180331025149.994	20180331025151.939
PX1 (130)	6849	6851	20180331025152.154	20180331025152.588
PX1 (130)	6855	6857	20180331025153.451	20180331025153.884
PX1 (130)	6871	6873	20180331025156.912	20180331025157.345
PX1 (130)	6896	6898	20180331025203.830	20180331025204.263
PX1 (130)	6913	6915	20180331025209.017	20180331025209.451
PX1 (130)	6919	6921	20180331025210.318	20180331025210.748
PX1 (130)	6928	6930	20180331025212.263	20180331025212.697
PX1 (130)	6942	6944	20180331025216.802	20180331025217.236
PX1 (130)	6949	6951	20180331025218.318	20180331025218.748
PX1 (130)	6958	6961	20180331025220.263	20180331025220.912
PX1 (130)	6973	6975	20180331025225.017	20180331025225.451
PX1 (130)	6983	6985	20180331025227.181	20180331025227.611
PX1 (130)	6993	6995	20180331025229.341	20180331025229.775
PX1 (130)	6996	6998	20180331025229.994	20180331025231.935
PX1 (130)	7009	7011	20180331025234.318	20180331025234.748
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	7020	7022	20180331025236.693	20180331025237.127
PX1 (130)	7022	7024	20180331025237.127	20180331025237.560
PX1 (130)	7029	7031	20180331025240.154	20180331025240.587
PX1 (130)	7037	7039	20180331025241.884	20180331025242.314
PX1 (130)	7040	7042	20180331025242.533	20180331025242.966
PX1 (130)	7053	7056	20180331025245.341	20180331025245.990
PX1 (130)	7069	7071	20180331025250.314	20180331025250.748
PX1 (130)	7092	7094	20180331025256.802	20180331025257.236
PX1 (130)	7095	7097	20180331025257.451	20180331025257.884
PX1 (130)	7098	7100	20180331025258.099	20180331025258.533
PX1 (130)	7107	7109	20180331025300.044	20180331025300.478
PX1 (130)	7110	7112	20180331025300.693	20180331025301.126
PX1 (130)	7113	7115	20180331025301.341	20180331025301.775
PX1 (130)	7118	7120	20180331025303.935	20180331025304.369
PX1 (130)	7121	7123	20180331025304.587	20180331025305.017
PX1 (130)	7125	7127	20180331025305.451	20180331025305.884
PX1 (130)	7140	7143	20180331025308.693	20180331025309.341
PX1 (130)	7147	7149	20180331025310.208	20180331025312.154
PX1 (130)	7153	7155	20180331025313.017	20180331025313.451
PX1 (130)	7166	7168	20180331025315.830	20180331025316.259
PX1 (130)	7170	7172	20180331025316.693	20180331025317.126
PX1 (130)	7180	7182	20180331025320.369	20180331025320.802
PX1 (130)	7183	7185	20180331025321.017	20180331025321.451
PX1 (130)	7197	7199	20180331025324.044	20180331025324.478
PX1 (130)	7200	7202	20180331025324.693	20180331025325.126
PX1 (130)	7204	7206	20180331025325.556	20180331025325.990
PX1 (130)	7215	7217	20180331025329.451	20180331025329.880
PX1 (130)	7218	7220	20180331025330.099	20180331025330.529
PX1 (130)	7237	7239	20180331025334.205	20180331025336.154
PX1 (130)	7259	7261	20180331025340.478	20180331025340.908
PX1 (130)	7263	7265	20180331025341.341	20180331025341.775
PX1 (130)	7279	7281	20180331025346.314	20180331025346.744
PX1 (130)	7291	7293	20180331025348.908	20180331025349.341
PX1 (130)	7337	7339	20180331025401.880	20180331025402.314
PX1 (130)	7342	7344	20180331025402.962	20180331025403.396
PX1 (130)	7376	7379	20180331025411.826	20180331025412.474
PX1 (130)	7385	7387	20180331025413.771	20180331025414.204
PX1 (130)	7412	7415	20180331025421.122	20180331025421.771
PX1 (130)	7418	7420	20180331025423.935	20180331025424.365
PX1 (130)	7447	7449	20180331025430.204	20180331025432.150
PX1 (130)	7455	7457	20180331025433.447	20180331025433.880
PX1 (130)	7501	7503	20180331025444.907	20180331025445.341
PX1 (130)	7553	7555	20180331025459.177	20180331025459.611
PX1 (130)	7586	7588	20180331025507.825	20180331025508.259
PX1 (130)	7591	7593	20180331025508.904	20180331025509.337
PX1 (130)	7618	7620	20180331025516.255	20180331025516.689
PX1 (130)	7653	7655	20180331025525.337	20180331025525.771
PX1 (130)	7755	7757	20180331025553.446	20180331025553.876
PX1 (130)	7766	7768	20180331025555.825	20180331025556.255
PX1 (130)	7806	7808	20180331025605.985	20180331025607.931
PX1 (130)	7819	7822	20180331025610.310	20180331025610.958
PX1 (130)	7866	7868	20180331025621.985	20180331025623.931
PX1 (130)	7881	7883	20180331025626.739	20180331025627.173
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APID	Seq from	Seq to	Time from	Time to
PX1 (130)	7896	7898	20180331025629.985	20180331025631.931
PX1 (130)	7916	7918	20180331025635.821	20180331025636.255
PX1 (130)	7938	7940	20180331025642.091	20180331025642.524
PX1 (130)	7952	7954	20180331025645.118	20180331025645.552
PX1 (130)	7987	7989	20180331025654.200	20180331025656.145
PX1 (130)	7989	7991	20180331025656.145	20180331025656.579
PX1 (130)	8002	8004	20180331025658.958	20180331025659.388
PX1 (130)	8068	8070	20180331025716.255	20180331025716.684
PX1 (130)	8086	8088	20180331025721.665	20180331025722.099
PX1 (130)	8088	8090	20180331025722.099	20180331025722.532
PX1 (130)	8113	8115	20180331025729.048	20180331025729.477
PX1 (130)	8115	8117	20180331025729.477	20180331025729.911
PX1 (130)	8137	8139	20180331025734.235	20180331025736.181
PX1 (130)	8145	8147	20180331025737.481	20180331025737.911
PX1 (130)	8151	8153	20180331025738.778	20180331025739.208
PX1 (130)	8161	8163	20180331025740.938	20180331025741.372
PX1 (130)	8179	8181	20180331025746.345	20180331025746.778
PX1 (130)	8192	8194	20180331025749.153	20180331025749.587
PX1 (130)	8194	8196	20180331025749.587	20180331025750.020
PX1 (130)	8200	8202	20180331025752.395	20180331025752.829
PX1 (130)	8211	8213	20180331025754.778	20180331025755.208
PX1 (130)	8218	8220	20180331025756.290	20180331025756.720
PX1 (130)	8223	8225	20180331025757.372	20180331025757.805
PX1 (130)	8235	8237	20180331025801.477	20180331025801.911
PX1 (130)	8247	8249	20180331025804.071	20180331025804.505
PX1 (130)	8262	8264	20180331025808.829	20180331025809.262
PX1 (130)	8295	8297	20180331025817.477	20180331025817.911
PX1 (130)	8307	8309	20180331025820.071	20180331025820.505
PX1 (130)	8336	8338	20180331025827.856	20180331025828.286
PX1 (130)	8349	8351	20180331025832.180	20180331025832.610
PX1 (130)	8352	8354	20180331025832.829	20180331025833.262
PX1 (130)	8369	8371	20180331025836.505	20180331025836.938
PX1 (130)	8373	8375	20180331025837.368	20180331025837.801
PX1 (130)	8401	8403	20180331025844.938	20180331025845.368
PX1 (130)	8420	8422	20180331025850.559	20180331025850.989
PX1 (130)	8425	8427	20180331025851.637	20180331025852.071
PX1 (130)	8465	8467	20180331025901.801	20180331025902.235
PX1 (130)	8476	8478	20180331025905.692	20180331025906.126
PX1 (130)	8483	8485	20180331025907.204	20180331025907.637
PX1 (130)	8518	8521	20180331025916.286	20180331025916.934
PX1 (130)	8537	8539	20180331025921.907	20180331025922.340
PX1 (130)	8580	8582	20180331025932.719	20180331025933.153
PX1 (130)	8632	8634	20180331025946.989	20180331025947.422
PX1 (130)	8645	8647	20180331025949.801	20180331025950.231
PX1 (130)	8702	8704	20180331030005.149	20180331030005.583
PX1 (130)	8779	8781	20180331030026.340	20180331030026.770
PX1 (130)	8797	8799	20180331030030.231	20180331030032.176
PX1 (130)	8803	8805	20180331030033.043	20180331030033.473
PX1 (130)	8820	8822	20180331030036.715	20180331030037.149
PX1 (130)	8831	8833	20180331030040.610	20180331030041.039
PX1 (130)	8846	8848	20180331030043.852	20180331030044.286
PX1 (130)	8884	8886	20180331030053.582	20180331030054.012
PX1 (130)	8886	8888	20180331030054.012	20180331030055.961

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APID	Seq from	Seq to	Time from	Time to
PX1 (130)	8992	8994	20180331030122.985	20180331030123.418
PX1 (130)	9024	9026	20180331030131.418	20180331030131.852
PX1 (130)	9037	9039	20180331030134.231	20180331030136.176
PX1 (130)	9063	9065	20180331030141.364	20180331030141.797
PX1 (130)	9067	9069	20180331030142.231	20180331030144.176
PX1 (130)	9074	9076	20180331030145.254	20180331030145.688
PX1 (130)	9101	9103	20180331030152.606	20180331030153.039
PX1 (130)	9104	9106	20180331030153.254	20180331030153.688
PX1 (130)	9178	9180	20180331030212.281	20180331030212.715
PX1 (130)	9195	9197	20180331030217.469	20180331030217.903
PX1 (130)	9202	9204	20180331030218.985	20180331030219.418
PX1 (130)	9227	9229	20180331030225.903	20180331030226.336
PX1 (130)	9229	9231	20180331030226.336	20180331030226.770
PX1 (130)	9245	9247	20180331030229.797	20180331030230.227
PX1 (130)	9255	9257	20180331030233.469	20180331030233.902
PX1 (130)	9265	9267	20180331030235.633	20180331030236.063
PX1 (130)	9276	9278	20180331030238.012	20180331030239.957
PX1 (130)	9279	9281	20180331030240.172	20180331030240.606
PX1 (130)	9283	9285	20180331030241.039	20180331030241.469
PX1 (130)	9295	9297	20180331030243.633	20180331030244.067
PX1 (130)	9326	9328	20180331030251.848	20180331030252.281
PX1 (130)	9353	9355	20180331030259.199	20180331030259.633
PX1 (130)	9355	9357	20180331030259.633	20180331030300.066
PX1 (130)	9357	9359	20180331030300.066	20180331030300.496
PX1 (130)	9365	9367	20180331030301.793	20180331030302.227
PX1 (130)	9396	9398	20180331030310.012	20180331030311.957
PX1 (130)	9417	9419	20180331030316.063	20180331030316.496
PX1 (130)	9435	9437	20180331030321.469	20180331030321.902
PX1 (130)	9447	9449	20180331030324.063	20180331030324.496
PX1 (130)	9449	9451	20180331030324.496	20180331030324.930
PX1 (130)	9476	9478	20180331030331.848	20180331030332.277
PX1 (130)	9500	9502	20180331030338.551	20180331030338.984
PX1 (130)	9579	9581	20180331030400.172	20180331030400.602
PX1 (130)	9595	9597	20180331030403.629	20180331030404.062
PX1 (130)	9603	9605	20180331030405.359	20180331030405.793
PX1 (130)	9606	9608	20180331030406.008	20180331030407.953
PX1 (130)	9613	9615	20180331030409.035	20180331030409.469
PX1 (130)	9634	9636	20180331030413.574	20180331030414.008
PX1 (130)	9646	9648	20180331030417.684	20180331030418.117
PX1 (130)	9658	9660	20180331030420.277	20180331030420.711
PX1 (130)	9693	9695	20180331030429.359	20180331030429.793
PX1 (130)	9714	9716	20180331030435.414	20180331030435.844
PX1 (130)	9719	9721	20180331030436.496	20180331030436.926
PX1 (130)	9729	9731	20180331030440.168	20180331030440.601
PX1 (130)	9738	9740	20180331030442.117	20180331030442.547
PX1 (130)	9743	9745	20180331030443.195	20180331030443.629
PX1 (130)	9756	9758	20180331030446.008	20180331030447.953
PX1 (130)	9758	9760	20180331030447.953	20180331030448.387
PX1 (130)	9760	9762	20180331030448.387	20180331030448.816
PX1 (130)	9762	9764	20180331030448.816	20180331030449.250
PX1 (130)	9764	9766	20180331030449.250	20180331030449.683
PX1 (130)	9766	9768	20180331030449.683	20180331030450.113
PX1 (130)	9785	9787	20180331030453.793	20180331030454.222
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APID	Seq from	Seq to	Time from	Time to
PX1 (130)	9792	9794	20180331030456.816	20180331030457.250
PX1 (130)	9796	9798	20180331030457.683	20180331030458.117
PX1 (130)	9800	9802	20180331030458.547	20180331030458.980
PX1 (130)	9804	9806	20180331030459.414	20180331030459.844
PX1 (130)	9813	9815	20180331030501.359	20180331030501.789
PX1 (130)	9821	9823	20180331030504.601	20180331030505.035
PX1 (130)	9823	9825	20180331030505.035	20180331030505.465
PX1 (130)	9825	9827	20180331030505.465	20180331030505.898
PX1 (130)	9832	9834	20180331030506.980	20180331030507.410
PX1 (130)	9834	9836	20180331030507.410	20180331030507.844
PX1 (130)	9860	9862	20180331030514.547	20180331030514.980
PX1 (130)	9895	9897	20180331030523.629	20180331030524.062
PX2 (135)	4318	4320	20180331024036.281	20180331024036.714
PX2 (135)	4343	4345	20180331024043.202	20180331024043.632
PX2 (135)	4353	4355	20180331024045.363	20180331024045.796
PX2 (135)	4374	4376	20180331024051.417	20180331024051.851
PX2 (135)	4395	4397	20180331024057.472	20180331024057.902
PX2 (135)	4398	4400	20180331024058.120	20180331024058.554
PX2 (135)	4402	4404	20180331024058.984	20180331024059.417
PX2 (135)	4412	4414	20180331024101.148	20180331024101.581
PX2 (135)	4452	4454	20180331024112.823	20180331024113.253
PX2 (135)	4465	4467	20180331024115.632	20180331024116.066
PX2 (135)	4475	4477	20180331024117.796	20180331024118.226
PX2 (135)	4485	4487	20180331024121.472	20180331024121.902
PX2 (135)	4501	4503	20180331024124.929	20180331024125.362
PX2 (135)	4522	4524	20180331024130.984	20180331024131.417
PX2 (135)	4524	4526	20180331024131.417	20180331024131.851
PX2 (135)	4526	4528	20180331024131.851	20180331024132.280
PX2 (135)	4534	4536	20180331024133.577	20180331024134.011
PX2 (135)	4536	4539	20180331024134.011	20180331024136.175
PX2 (135)	4554	4556	20180331024139.417	20180331024139.847
PX2 (135)	4567	4569	20180331024142.226	20180331024144.171
PX2 (135)	4574	4576	20180331024145.253	20180331024145.687
PX2 (135)	4581	4583	20180331024146.769	20180331024147.198
PX2 (135)	4586	4588	20180331024147.847	20180331024148.280
PX2 (135)	4588	4590	20180331024148.280	20180331024148.714
PX2 (135)	4591	4593	20180331024148.929	20180331024149.362
PX2 (135)	4593	4595	20180331024149.362	20180331024149.792
PX2 (135)	4599	4601	20180331024152.171	20180331024152.605
PX2 (135)	4615	4617	20180331024155.632	20180331024156.066
PX2 (135)	4618	4620	20180331024156.280	20180331024156.714
PX2 (135)	4631	4633	20180331024200.605	20180331024201.034
PX2 (135)	4634	4636	20180331024201.253	20180331024201.687
PX2 (135)	4643	4645	20180331024203.198	20180331024203.632
PX2 (135)	4653	4655	20180331024205.358	20180331024205.792
PX2 (135)	4656	4658	20180331024206.011	20180331024207.956
PX2 (135)	4659	4661	20180331024208.171	20180331024208.605
PX2 (135)	4663	4665	20180331024209.038	20180331024209.468
PX2 (135)	4666	4668	20180331024209.683	20180331024210.116
PX2 (135)	4703	4705	20180331024219.198	20180331024219.632
PX2 (135)	4720	4722	20180331024224.386	20180331024224.819
PX2 (135)	4731	4733	20180331024226.769	20180331024227.198
PX2 (135)	4736	4738	20180331024227.847	20180331024228.280

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APID	Seq from	Seq to	Time from	Time to
PX2 (135)	4742	4744	20180331024229.144	20180331024229.577
PX2 (135)	4762	4764	20180331024234.983	20180331024235.413
PX2 (135)	4770	4772	20180331024236.710	20180331024237.144
PX2 (135)	4790	4793	20180331024242.550	20180331024243.198
PX2 (135)	4802	4804	20180331024245.144	20180331024245.577
PX2 (135)	4805	4807	20180331024245.792	20180331024246.226
PX2 (135)	4812	4814	20180331024248.819	20180331024249.253
PX2 (135)	4814	4817	20180331024249.253	20180331024249.901
PX2 (135)	4834	4836	20180331024253.577	20180331024254.007
PX2 (135)	4836	4838	20180331024254.007	20180331024255.952
PX2 (135)	4863	4866	20180331024301.358	20180331024302.007
PX2 (135)	4887	4892	20180331024308.061	20180331024309.143
PX2 (135)	4897	4899	20180331024310.226	20180331024312.171
PX2 (135)	4909	4912	20180331024314.331	20180331024314.979
PX2 (135)	4931	4934	20180331024320.600	20180331024321.253
PX2 (135)	4939	4942	20180331024322.331	20180331024322.979
PX2 (135)	4947	4949	20180331024324.061	20180331024324.495
PX2 (135)	4953	4956	20180331024325.358	20180331024326.007
PX2 (135)	4960	4962	20180331024328.386	20180331024328.819
PX2 (135)	4991	4993	20180331024336.600	20180331024337.034
PX2 (135)	5000	5003	20180331024338.550	20180331024339.194
PX2 (135)	5019	5021	20180331024344.171	20180331024344.600
PX2 (135)	5070	5072	20180331024356.710	20180331024357.143
PX2 (135)	5078	5080	20180331024359.952	20180331024400.386
PX2 (135)	5082	5084	20180331024400.815	20180331024401.249
PX2 (135)	5105	5107	20180331024405.792	20180331024406.221
PX2 (135)	5109	5111	20180331024408.167	20180331024408.600
PX2 (135)	5117	5119	20180331024409.897	20180331024410.331
PX2 (135)	5122	5124	20180331024410.979	20180331024411.413
PX2 (135)	5130	5132	20180331024412.710	20180331024413.143
PX2 (135)	5164	5166	20180331024421.573	20180331024422.007
PX2 (135)	5169	5171	20180331024424.167	20180331024424.600
PX2 (135)	5173	5175	20180331024425.034	20180331024425.464
PX2 (135)	5182	5184	20180331024426.979	20180331024427.413
PX2 (135)	5186	5188	20180331024427.843	20180331024428.276
PX2 (135)	5195	5197	20180331024429.788	20180331024430.221
PX2 (135)	5200	5202	20180331024432.382	20180331024432.815
PX2 (135)	5202	5204	20180331024432.815	20180331024433.249
PX2 (135)	5208	5210	20180331024434.112	20180331024434.546
PX2 (135)	5214	5216	20180331024435.409	20180331024435.843
PX2 (135)	5216	5218	20180331024435.843	20180331024436.276
PX2 (135)	5222	5224	20180331024437.139	20180331024437.573
PX2 (135)	5227	5229	20180331024438.221	20180331024440.167
PX2 (135)	5269	5271	20180331024450.331	20180331024450.760
PX2 (135)	5281	5283	20180331024452.924	20180331024453.358
PX2 (135)	5286	5288	20180331024454.003	20180331024455.952
PX2 (135)	5291	5293	20180331024456.600	20180331024457.030
PX2 (135)	5296	5298	20180331024457.682	20180331024458.112
PX2 (135)	5301	5303	20180331024458.760	20180331024459.194
PX2 (135)	5309	5311	20180331024500.491	20180331024500.924
PX2 (135)	5361	5363	20180331024514.760	20180331024515.194
PX2 (135)	5371	5373	20180331024516.924	20180331024517.354
PX2 (135)	5374	5376	20180331024517.573	20180331024518.003
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APID	Seq from	Seq to	Time from	Time to
PX2 (135)	5378	5380	20180331024519.952	20180331024520.381
PX2 (135)	5381	5383	20180331024520.600	20180331024521.030
PX2 (135)	5392	5394	20180331024522.975	20180331024523.409
PX2 (135)	5406	5408	20180331024526.003	20180331024527.952
PX2 (135)	5419	5421	20180331024530.327	20180331024530.760
PX2 (135)	5482	5484	20180331024546.975	20180331024547.409
PX2 (135)	5513	5515	20180331024555.194	20180331024555.624
PX2 (135)	5530	5532	20180331024600.381	20180331024600.815
PX2 (135)	5537	5540	20180331024601.893	20180331024602.545
PX2 (135)	5546	5548	20180331024603.842	20180331024604.272
PX2 (135)	5561	5564	20180331024608.596	20180331024609.245
PX2 (135)	5603	5605	20180331024619.190	20180331024619.624
PX2 (135)	5606	5608	20180331024619.842	20180331024620.272
PX2 (135)	5611	5613	20180331024620.920	20180331024621.354
PX2 (135)	5634	5636	20180331024627.409	20180331024627.838
PX2 (135)	5636	5638	20180331024627.838	20180331024628.272
PX2 (135)	5729	5731	20180331024652.487	20180331024652.920
PX2 (135)	5741	5743	20180331024656.596	20180331024657.030
PX2 (135)	5784	5786	20180331024707.409	20180331024707.838
PX2 (135)	5879	5881	20180331024732.487	20180331024732.920
PX2 (135)	5901	5903	20180331024738.760	20180331024739.190
PX2 (135)	5911	5914	20180331024740.920	20180331024741.569
PX2 (135)	5919	5922	20180331024744.162	20180331024744.811
PX2 (135)	5927	5929	20180331024745.893	20180331024746.323
PX2 (135)	5931	5933	20180331024746.760	20180331024747.190
PX2 (135)	5947	5950	20180331024750.217	20180331024752.377
PX2 (135)	5957	5959	20180331024753.893	20180331024754.323
PX2 (135)	5961	5963	20180331024754.760	20180331024755.190
PX2 (135)	5974	5976	20180331024757.569	20180331024757.998
PX2 (135)	5991	5993	20180331024802.760	20180331024803.190
PX2 (135)	5994	5996	20180331024803.405	20180331024803.838
PX2 (135)	5997	5999	20180331024804.053	20180331024804.487
PX2 (135)	6000	6002	20180331024804.701	20180331024805.135
PX2 (135)	6007	6009	20180331024806.217	20180331024808.162
PX2 (135)	6010	6012	20180331024808.377	20180331024808.811
PX2 (135)	6016	6018	20180331024809.674	20180331024810.108
PX2 (135)	6019	6021	20180331024810.322	20180331024810.760
PX2 (135)	6037	6039	20180331024814.217	20180331024816.162
PX2 (135)	6042	6044	20180331024816.811	20180331024817.240
PX2 (135)	6050	6052	20180331024818.541	20180331024818.971
PX2 (135)	6063	6065	20180331024821.350	20180331024821.783
PX2 (135)	6065	6067	20180331024821.783	20180331024822.217
PX2 (135)	6067	6069	20180331024822.217	20180331024824.162
PX2 (135)	6125	6127	20180331024837.783	20180331024838.213
PX2 (135)	6159	6161	20180331024848.162	20180331024848.592
PX2 (135)	6172	6174	20180331024850.971	20180331024851.404
PX2 (135)	6190	6192	20180331024856.377	20180331024856.811
PX2 (135)	6230	6232	20180331024906.537	20180331024906.971
PX2 (135)	6237	6239	20180331024908.053	20180331024908.482
PX2 (135)	6241	6243	20180331024908.916	20180331024909.350
PX2 (135)	6245	6247	20180331024909.783	20180331024910.213
PX2 (135)	6249	6251	20180331024912.158	20180331024912.592
PX2 (135)	6262	6264	20180331024914.971	20180331024915.404

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APID	Seq from	Seq to	Time from	Time to
PX2 (135)	6282	6284	20180331024920.807	20180331024921.240
PX2 (135)	6305	6307	20180331024925.779	20180331024926.213
PX2 (135)	6310	6312	20180331024928.377	20180331024928.807
PX2 (135)	6317	6319	20180331024929.889	20180331024930.322
PX2 (135)	6324	6326	20180331024931.404	20180331024931.834
PX2 (135)	6344	6346	20180331024937.240	20180331024937.670
PX2 (135)	6371	6373	20180331024944.592	20180331024945.021
PX2 (135)	6466	6468	20180331025009.670	20180331025010.103
PX2 (135)	6532	6534	20180331025026.967	20180331025027.400
PX2 (135)	6553	6555	20180331025033.021	20180331025033.455
PX2 (135)	6557	6559	20180331025033.889	20180331025034.318
PX2 (135)	6568	6570	20180331025036.264	20180331025036.697
PX2 (135)	6588	6590	20180331025042.103	20180331025042.537
PX2 (135)	6597	6599	20180331025044.049	20180331025044.482
PX2 (135)	6614	6616	20180331025049.236	20180331025049.670
PX2 (135)	6618	6620	20180331025050.103	20180331025050.537
PX2 (135)	6622	6624	20180331025050.967	20180331025051.400
PX2 (135)	6625	6627	20180331025051.615	20180331025052.049
PX2 (135)	6629	6631	20180331025052.478	20180331025052.912
PX2 (135)	6640	6642	20180331025056.373	20180331025056.806
PX2 (135)	6653	6656	20180331025059.185	20180331025059.830
PX2 (135)	6663	6665	20180331025101.346	20180331025101.779
PX2 (135)	6697	6699	20180331025110.209	20180331025112.158
PX2 (135)	6731	6733	20180331025120.588	20180331025121.021
PX2 (135)	6746	6748	20180331025123.834	20180331025124.263
PX2 (135)	6773	6775	20180331025131.181	20180331025131.615
PX2 (135)	6778	6780	20180331025132.263	20180331025132.697
PX2 (135)	6785	6787	20180331025133.779	20180331025134.209
PX2 (135)	6796	6798	20180331025137.670	20180331025138.103
PX2 (135)	6805	6807	20180331025139.615	20180331025140.045
PX2 (135)	6830	6832	20180331025146.533	20180331025146.966
PX2 (135)	6836	6838	20180331025147.830	20180331025148.263
PX2 (135)	6849	6851	20180331025152.154	20180331025152.588
PX2 (135)	6851	6853	20180331025152.588	20180331025153.017
PX2 (135)	6871	6873	20180331025156.912	20180331025157.345
PX2 (135)	6873	6875	20180331025157.345	20180331025157.775
PX2 (135)	6906	6908	20180331025205.994	20180331025207.939
PX2 (135)	6915	6917	20180331025209.451	20180331025209.884
PX2 (135)	6924	6926	20180331025211.396	20180331025211.830
PX2 (135)	6946	6948	20180331025217.666	20180331025218.099
PX2 (135)	6954	6956	20180331025219.396	20180331025219.830
PX2 (135)	6956	6958	20180331025219.830	20180331025220.263
PX2 (135)	6965	6967	20180331025221.775	20180331025222.209
PX2 (135)	6976	6978	20180331025225.670	20180331025226.099
PX2 (135)	6978	6980	20180331025226.099	20180331025226.533
PX2 (135)	6988	6990	20180331025228.263	20180331025228.693
PX2 (135)	7001	7003	20180331025232.587	20180331025233.017
PX2 (135)	7029	7031	20180331025240.154	20180331025240.587
PX2 (135)	7053	7055	20180331025245.341	20180331025245.775
PX2 (135)	7056	7058	20180331025245.990	20180331025247.935
PX2 (135)	7078	7080	20180331025252.259	20180331025252.693
PX2 (135)	7081	7083	20180331025252.912	20180331025253.341
PX2 (135)	7089	7091	20180331025256.154	20180331025256.584
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APID	Seq from	Seq to	Time from	Time to
PX2 (135)	7098	7100	20180331025258.099	20180331025258.533
PX2 (135)	7101	7103	20180331025258.748	20180331025259.181
PX2 (135)	7104	7106	20180331025259.396	20180331025259.830
PX2 (135)	7116	7118	20180331025301.990	20180331025303.935
PX2 (135)	7125	7127	20180331025305.451	20180331025305.884
PX2 (135)	7128	7130	20180331025306.099	20180331025306.533
PX2 (135)	7131	7133	20180331025306.748	20180331025307.181
PX2 (135)	7140	7143	20180331025308.693	20180331025309.341
PX2 (135)	7144	7146	20180331025309.556	20180331025309.990
PX2 (135)	7153	7155	20180331025313.017	20180331025313.451
PX2 (135)	7156	7158	20180331025313.666	20180331025314.099
PX2 (135)	7160	7162	20180331025314.533	20180331025314.962
PX2 (135)	7173	7175	20180331025317.341	20180331025317.775
PX2 (135)	7176	7178	20180331025317.990	20180331025319.935
PX2 (135)	7193	7195	20180331025323.181	20180331025323.611
PX2 (135)	7211	7213	20180331025328.583	20180331025329.017
PX2 (135)	7225	7227	20180331025331.611	20180331025332.044
PX2 (135)	7233	7235	20180331025333.341	20180331025333.771
PX2 (135)	7244	7246	20180331025337.232	20180331025337.665
PX2 (135)	7248	7250	20180331025338.095	20180331025338.529
PX2 (135)	7267	7269	20180331025342.205	20180331025344.150
PX2 (135)	7271	7273	20180331025344.583	20180331025345.017
PX2 (135)	7279	7281	20180331025346.314	20180331025346.744
PX2 (135)	7300	7302	20180331025352.369	20180331025352.798
PX2 (135)	7303	7305	20180331025353.017	20180331025353.451
PX2 (135)	7354	7356	20180331025405.556	20180331025405.990
PX2 (135)	7359	7361	20180331025408.150	20180331025408.583
PX2 (135)	7390	7392	20180331025416.368	20180331025416.798
PX2 (135)	7395	7397	20180331025417.447	20180331025417.880
PX2 (135)	7403	7406	20180331025419.177	20180331025419.826
PX2 (135)	7431	7434	20180331025426.743	20180331025427.392
PX2 (135)	7444	7447	20180331025429.556	20180331025430.204
PX2 (135)	7468	7470	20180331025436.259	20180331025436.693
PX2 (135)	7483	7485	20180331025441.017	20180331025441.447
PX2 (135)	7529	7531	20180331025452.474	20180331025452.907
PX2 (135)	7553	7555	20180331025459.177	20180331025459.611
PX2 (135)	7562	7564	20180331025501.122	20180331025501.556
PX2 (135)	7605	7607	20180331025513.446	20180331025513.880
PX2 (135)	7660	7662	20180331025528.364	20180331025528.798
PX2 (135)	7720	7722	20180331025544.364	20180331025544.798
PX2 (135)	7724	7726	20180331025545.228	20180331025545.661
PX2 (135)	7727	7729	20180331025545.880	20180331025546.310
PX2 (135)	7751	7753	20180331025552.579	20180331025553.013
PX2 (135)	7766	7768	20180331025555.825	20180331025556.255
PX2 (135)	7774	7776	20180331025557.552	20180331025557.985
PX2 (135)	7788	7790	20180331025602.091	20180331025602.524
PX2 (135)	7819	7821	20180331025610.310	20180331025610.739
PX2 (135)	7830	7832	20180331025612.689	20180331025613.122
PX2 (135)	7856	7858	20180331025619.821	20180331025620.255
PX2 (135)	7859	7861	20180331025620.470	20180331025620.903
PX2 (135)	7884	7886	20180331025627.392	20180331025627.821
PX2 (135)	7887	7889	20180331025628.040	20180331025628.470
PX2 (135)	7890	7892	20180331025628.689	20180331025629.118
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APID	Seq from	Seq to	Time from	Time to
PX2 (135)	7925	7927	20180331025637.767	20180331025638.200
PX2 (135)	7994	7996	20180331025657.227	20180331025657.661
PX2 (135)	8002	8004	20180331025658.958	20180331025659.388
PX2 (135)	8007	8009	20180331025700.036	20180331025700.470
PX2 (135)	8030	8032	20180331025706.524	20180331025706.954
PX2 (135)	8068	8070	20180331025716.255	20180331025716.684
PX2 (135)	8113	8115	20180331025729.048	20180331025729.477
PX2 (135)	8117	8119	20180331025729.911	20180331025730.345
PX2 (135)	8119	8121	20180331025730.345	20180331025730.778
PX2 (135)	8171	8173	20180331025744.614	20180331025745.048
PX2 (135)	8198	8200	20180331025751.966	20180331025752.395
PX2 (135)	8203	8205	20180331025753.048	20180331025753.477
PX2 (135)	8214	8216	20180331025755.423	20180331025755.856
PX2 (135)	8221	8223	20180331025756.938	20180331025757.372
PX2 (135)	8237	8239	20180331025801.911	20180331025802.345
PX2 (135)	8247	8249	20180331025804.071	20180331025804.505
PX2 (135)	8254	8256	20180331025805.587	20180331025806.020
PX2 (135)	8270	8272	20180331025810.559	20180331025810.989
PX2 (135)	8293	8295	20180331025817.044	20180331025817.477
PX2 (135)	8307	8309	20180331025820.071	20180331025820.505
PX2 (135)	8321	8323	20180331025824.614	20180331025825.044
PX2 (135)	8328	8330	20180331025826.126	20180331025826.559
PX2 (135)	8349	8351	20180331025832.180	20180331025832.610
PX2 (135)	8359	8361	20180331025834.341	20180331025834.774
PX2 (135)	8401	8403	20180331025844.938	20180331025845.368
PX2 (135)	8425	8427	20180331025851.637	20180331025852.071
PX2 (135)	8430	8432	20180331025852.719	20180331025853.153
PX2 (135)	8438	8440	20180331025855.962	20180331025856.395
PX2 (135)	8501	8503	20180331025912.610	20180331025913.044
PX2 (135)	8520	8522	20180331025916.719	20180331025917.153
PX2 (135)	8528	8530	20180331025919.962	20180331025920.395
PX2 (135)	8544	8546	20180331025923.422	20180331025923.856
PX2 (135)	8630	8632	20180331025946.555	20180331025946.989
PX2 (135)	8645	8647	20180331025949.801	20180331025950.231
PX2 (135)	8702	8704	20180331030005.149	20180331030005.583
PX2 (135)	8797	8799	20180331030030.231	20180331030032.176
PX2 (135)	8803	8805	20180331030033.043	20180331030033.473
PX2 (135)	8805	8807	20180331030033.473	20180331030033.907
PX2 (135)	8817	8819	20180331030036.071	20180331030036.500
PX2 (135)	8825	8827	20180331030037.797	20180331030038.231
PX2 (135)	8831	8833	20180331030040.610	20180331030041.039
PX2 (135)	8846	8848	20180331030043.852	20180331030044.286
PX2 (135)	8848	8850	20180331030044.286	20180331030044.719
PX2 (135)	8860	8862	20180331030048.391	20180331030048.825
PX2 (135)	8931	8933	20180331030106.774	20180331030107.203
PX2 (135)	8938	8940	20180331030108.282	20180331030108.715
PX2 (135)	8941	8943	20180331030108.934	20180331030109.364
PX2 (135)	8970	8972	20180331030116.715	20180331030117.149
PX2 (135)	8980	8982	20180331030120.391	20180331030120.825
PX2 (135)	8992	8994	20180331030122.985	20180331030123.418
PX2 (135)	9003	9005	20180331030125.364	20180331030125.797
PX2 (135)	9029	9031	20180331030132.500	20180331030132.930
PX2 (135)	9065	9067	20180331030141.797	20180331030142.231
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APID	Seq from	Seq to	Time from	Time to
PX2 (135)	9069	9071	20180331030144.176	20180331030144.606
PX2 (135)	9083	9085	20180331030147.199	20180331030147.633
PX2 (135)	9104	9106	20180331030153.254	20180331030153.688
PX2 (135)	9139	9141	20180331030202.336	20180331030202.770
PX2 (135)	9149	9151	20180331030204.496	20180331030204.930
PX2 (135)	9153	9156	20180331030205.363	20180331030206.012
PX2 (135)	9171	9173	20180331030210.770	20180331030211.199
PX2 (135)	9178	9180	20180331030212.281	20180331030212.715
PX2 (135)	9198	9200	20180331030218.121	20180331030218.551
PX2 (135)	9227	9229	20180331030225.903	20180331030226.336
PX2 (135)	9252	9254	20180331030232.820	20180331030233.254
PX2 (135)	9261	9263	20180331030234.770	20180331030235.199
PX2 (135)	9271	9273	20180331030236.930	20180331030237.363
PX2 (135)	9291	9293	20180331030242.770	20180331030243.199
PX2 (135)	9306	9308	20180331030246.012	20180331030247.957
PX2 (135)	9353	9355	20180331030259.199	20180331030259.633
PX2 (135)	9355	9357	20180331030259.633	20180331030300.066
PX2 (135)	9357	9359	20180331030300.066	20180331030300.496
PX2 (135)	9365	9367	20180331030301.793	20180331030302.227
PX2 (135)	9368	9370	20180331030303.957	20180331030304.391
PX2 (135)	9379	9381	20180331030306.332	20180331030306.766
PX2 (135)	9417	9419	20180331030316.063	20180331030316.496
PX2 (135)	9420	9423	20180331030316.711	20180331030317.363
PX2 (135)	9440	9442	20180331030322.551	20180331030322.984
PX2 (135)	9449	9452	20180331030324.496	20180331030325.145
PX2 (135)	9474	9476	20180331030331.414	20180331030331.848
PX2 (135)	9534	9536	20180331030347.414	20180331030347.848
PX2 (135)	9570	9572	20180331030356.711	20180331030357.144
PX2 (135)	9585	9587	20180331030401.469	20180331030401.902
PX2 (135)	9608	9610	20180331030407.953	20180331030408.387
PX2 (135)	9614	9617	20180331030409.250	20180331030409.898
PX2 (135)	9625	9627	20180331030411.629	20180331030412.062
PX2 (135)	9634	9636	20180331030413.574	20180331030414.008
PX2 (135)	9647	9649	20180331030417.898	20180331030418.332
PX2 (135)	9659	9661	20180331030420.496	20180331030420.926
PX2 (135)	9705	9707	20180331030433.469	20180331030433.898
PX2 (135)	9715	9717	20180331030435.629	20180331030436.062
PX2 (135)	9743	9745	20180331030443.195	20180331030443.629
PX2 (135)	9752	9754	20180331030445.144	20180331030445.574
PX2 (135)	9758	9760	20180331030447.953	20180331030448.387
PX2 (135)	9771	9773	20180331030450.765	20180331030451.195
PX2 (135)	9802	9804	20180331030458.980	20180331030459.414
PX2 (135)	9804	9806	20180331030459.414	20180331030459.844
PX2 (135)	9806	9808	20180331030459.844	20180331030500.277
PX2 (135)	9808	9810	20180331030500.277	20180331030500.711
PX2 (135)	9810	9812	20180331030500.711	20180331030501.140
PX2 (135)	9812	9814	20180331030501.140	20180331030501.574
PX2 (135)	9818	9820	20180331030503.953	20180331030504.387
PX2 (135)	9820	9822	20180331030504.387	20180331030504.816
PX2 (135)	9857	9859	20180331030513.898	20180331030514.332
PX2 (135)	9860	9862	20180331030514.547	20180331030514.980
PX2 (135)	9867	9869	20180331030516.058	20180331030516.492
PX2 (135)	9872	9874	20180331030517.140	20180331030517.574
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APID	Seq from	Seq to	Time from	Time to
PX2 (135)	9886	9888	20180331030521.683	20180331030522.113
PX2 (135)	9894	9896	20180331030523.410	20180331030523.844
PX3 (140)	4337	4339	20180331024041.902	20180331024042.335
PX3 (140)	4353	4355	20180331024045.363	20180331024045.796
PX3 (140)	4365	4367	20180331024049.472	20180331024049.906
PX3 (140)	4370	4372	20180331024050.554	20180331024050.984
PX3 (140)	4374	4376	20180331024051.417	20180331024051.851
PX3 (140)	4378	4380	20180331024052.281	20180331024052.714
PX3 (140)	4387	4389	20180331024054.230	20180331024056.175
PX3 (140)	4398	4400	20180331024058.120	20180331024058.554
PX3 (140)	4402	4404	20180331024058.984	20180331024059.417
PX3 (140)	4405	4407	20180331024059.632	20180331024100.066
PX3 (140)	4412	4414	20180331024101.148	20180331024101.581
PX3 (140)	4418	4420	20180331024103.956	20180331024104.390
PX3 (140)	4449	4451	20180331024112.171	20180331024112.605
PX3 (140)	4452	4454	20180331024112.823	20180331024113.253
PX3 (140)	4465	4467	20180331024115.632	20180331024116.066
PX3 (140)	4470	4472	20180331024116.714	20180331024117.148
PX3 (140)	4475	4477	20180331024117.796	20180331024118.226
PX3 (140)	4478	4480	20180331024119.956	20180331024120.390
PX3 (140)	4485	4487	20180331024121.472	20180331024121.902
PX3 (140)	4492	4494	20180331024122.984	20180331024123.417
PX3 (140)	4501	4503	20180331024124.929	20180331024125.362
PX3 (140)	4503	4505	20180331024125.362	20180331024125.796
PX3 (140)	4507	4509	20180331024126.226	20180331024128.171
PX3 (140)	4526	4528	20180331024131.851	20180331024132.280
PX3 (140)	4528	4530	20180331024132.280	20180331024132.714
PX3 (140)	4530	4532	20180331024132.714	20180331024133.148
PX3 (140)	4532	4534	20180331024133.148	20180331024133.577
PX3 (140)	4534	4536	20180331024133.577	20180331024134.011
PX3 (140)	4552	4554	20180331024138.984	20180331024139.417
PX3 (140)	4554	4556	20180331024139.417	20180331024139.847
PX3 (140)	4563	4565	20180331024141.362	20180331024141.796
PX3 (140)	4567	4569	20180331024142.226	20180331024144.171
PX3 (140)	4581	4583	20180331024146.769	20180331024147.198
PX3 (140)	4586	4588	20180331024147.847	20180331024148.280
PX3 (140)	4591	4593	20180331024148.929	20180331024149.362
PX3 (140)	4596	4598	20180331024150.011	20180331024151.956
PX3 (140)	4618	4620	20180331024156.280	20180331024156.714
PX3 (140)	4621	4623	20180331024156.929	20180331024157.362
PX3 (140)	4653	4655	20180331024205.358	20180331024205.792
PX3 (140)	4663	4665	20180331024209.038	20180331024209.468
PX3 (140)	4674	4676	20180331024211.413	20180331024211.847
PX3 (140)	4678	4680	20180331024212.280	20180331024212.710
PX3 (140)	4695	4697	20180331024217.468	20180331024217.901
PX3 (140)	4699	4701	20180331024218.331	20180331024218.769
PX3 (140)	4704	4706	20180331024219.413	20180331024219.847
PX3 (140)	4726	4728	20180331024225.687	20180331024226.116
PX3 (140)	4737	4739	20180331024228.062	20180331024228.495
PX3 (140)	4743	4745	20180331024229.362	20180331024229.792
PX3 (140)	4763	4765	20180331024235.198	20180331024235.628
PX3 (140)	4771	4773	20180331024236.929	20180331024237.358
PX3 (140)	4792	4794	20180331024242.979	20180331024243.413

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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	4805	4807	20180331024245.792	20180331024246.226
PX3 (140)	4814	4817	20180331024249.253	20180331024249.901
PX3 (140)	4838	4842	20180331024255.952	20180331024256.819
PX3 (140)	4842	4845	20180331024256.819	20180331024257.468
PX3 (140)	4846	4850	20180331024257.683	20180331024258.550
PX3 (140)	4852	4856	20180331024258.979	20180331024259.847
PX3 (140)	4856	4860	20180331024259.847	20180331024300.710
PX3 (140)	4861	4863	20180331024300.929	20180331024301.358
PX3 (140)	4863	4867	20180331024301.358	20180331024302.226
PX3 (140)	4884	4886	20180331024307.413	20180331024307.847
PX3 (140)	4886	4888	20180331024307.847	20180331024308.280
PX3 (140)	4907	4909	20180331024313.901	20180331024314.331
PX3 (140)	4909	4911	20180331024314.331	20180331024314.765
PX3 (140)	4918	4921	20180331024316.276	20180331024316.929
PX3 (140)	4930	4932	20180331024320.386	20180331024320.819
PX3 (140)	4937	4940	20180331024321.897	20180331024322.550
PX3 (140)	4946	4948	20180331024323.847	20180331024324.276
PX3 (140)	4953	4955	20180331024325.358	20180331024325.792
PX3 (140)	4958	4960	20180331024327.952	20180331024328.386
PX3 (140)	4976	4978	20180331024331.847	20180331024332.276
PX3 (140)	4982	4984	20180331024333.143	20180331024333.573
PX3 (140)	4990	4992	20180331024336.386	20180331024336.819
PX3 (140)	5000	5002	20180331024338.550	20180331024338.979
PX3 (140)	5013	5015	20180331024341.358	20180331024341.792
PX3 (140)	5019	5021	20180331024344.171	20180331024344.600
PX3 (140)	5026	5028	20180331024345.682	20180331024346.116
PX3 (140)	5038	5040	20180331024348.276	20180331024348.710
PX3 (140)	5042	5044	20180331024349.139	20180331024349.573
PX3 (140)	5056	5058	20180331024353.682	20180331024354.116
PX3 (140)	5078	5080	20180331024359.952	20180331024400.386
PX3 (140)	5084	5086	20180331024401.249	20180331024401.682
PX3 (140)	5093	5095	20180331024403.194	20180331024403.628
PX3 (140)	5096	5098	20180331024403.843	20180331024404.276
PX3 (140)	5122	5124	20180331024410.979	20180331024411.413
PX3 (140)	5127	5129	20180331024412.061	20180331024412.491
PX3 (140)	5145	5147	20180331024417.468	20180331024417.897
PX3 (140)	5150	5152	20180331024418.546	20180331024418.979
PX3 (140)	5152	5154	20180331024418.979	20180331024419.409
PX3 (140)	5166	5168	20180331024422.007	20180331024423.952
PX3 (140)	5168	5170	20180331024423.952	20180331024424.385
PX3 (140)	5175	5177	20180331024425.464	20180331024425.897
PX3 (140)	5177	5179	20180331024425.897	20180331024426.331
PX3 (140)	5190	5192	20180331024428.710	20180331024429.139
PX3 (140)	5192	5194	20180331024429.139	20180331024429.573
PX3 (140)	5200	5202	20180331024432.382	20180331024432.815
PX3 (140)	5206	5208	20180331024433.682	20180331024434.112
PX3 (140)	5208	5210	20180331024434.112	20180331024434.546
PX3 (140)	5212	5214	20180331024434.979	20180331024435.409
PX3 (140)	5214	5216	20180331024435.409	20180331024435.843
PX3 (140)	5220	5222	20180331024436.706	20180331024437.139
PX3 (140)	5222	5224	20180331024437.139	20180331024437.573
PX3 (140)	5245	5247	20180331024443.628	20180331024444.057
PX3 (140)	5249	5251	20180331024444.491	20180331024444.925
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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	5265	5267	20180331024449.464	20180331024449.897
PX3 (140)	5267	5269	20180331024449.897	20180331024450.331
PX3 (140)	5274	5276	20180331024451.409	20180331024451.842
PX3 (140)	5281	5283	20180331024452.924	20180331024453.358
PX3 (140)	5286	5289	20180331024454.003	20180331024456.167
PX3 (140)	5294	5296	20180331024457.249	20180331024457.682
PX3 (140)	5297	5299	20180331024457.897	20180331024458.331
PX3 (140)	5302	5304	20180331024458.979	20180331024459.409
PX3 (140)	5307	5309	20180331024500.057	20180331024500.491
PX3 (140)	5315	5317	20180331024501.788	20180331024502.221
PX3 (140)	5324	5326	20180331024505.249	20180331024505.678
PX3 (140)	5359	5361	20180331024514.327	20180331024514.760
PX3 (140)	5372	5374	20180331024517.139	20180331024517.573
PX3 (140)	5378	5380	20180331024519.952	20180331024520.381
PX3 (140)	5382	5384	20180331024520.815	20180331024521.249
PX3 (140)	5389	5391	20180331024522.327	20180331024522.760
PX3 (140)	5392	5394	20180331024522.975	20180331024523.409
PX3 (140)	5408	5410	20180331024527.952	20180331024528.381
PX3 (140)	5428	5430	20180331024532.276	20180331024532.706
PX3 (140)	5432	5434	20180331024533.139	20180331024533.573
PX3 (140)	5482	5484	20180331024546.975	20180331024547.409
PX3 (140)	5522	5524	20180331024557.139	20180331024557.569
PX3 (140)	5532	5534	20180331024600.815	20180331024601.245
PX3 (140)	5550	5552	20180331024604.706	20180331024605.139
PX3 (140)	5566	5568	20180331024609.678	20180331024610.112
PX3 (140)	5581	5583	20180331024612.920	20180331024613.354
PX3 (140)	5593	5595	20180331024617.030	20180331024617.459
PX3 (140)	5611	5614	20180331024620.920	20180331024621.569
PX3 (140)	5616	5618	20180331024622.002	20180331024623.948
PX3 (140)	5687	5689	20180331024641.893	20180331024642.327
PX3 (140)	5712	5714	20180331024648.811	20180331024649.245
PX3 (140)	5736	5738	20180331024654.002	20180331024655.948
PX3 (140)	5740	5743	20180331024656.377	20180331024657.030
PX3 (140)	5757	5760	20180331024700.057	20180331024700.705
PX3 (140)	5848	5850	20180331024724.272	20180331024724.705
PX3 (140)	5864	5866	20180331024729.244	20180331024729.674
PX3 (140)	5868	5870	20180331024730.108	20180331024730.541
PX3 (140)	5886	5888	20180331024733.998	20180331024735.948
PX3 (140)	5895	5897	20180331024737.459	20180331024737.893
PX3 (140)	5911	5913	20180331024740.920	20180331024741.350
PX3 (140)	5919	5921	20180331024744.162	20180331024744.596
PX3 (140)	5926	5928	20180331024745.674	20180331024746.108
PX3 (140)	5933	5935	20180331024747.190	20180331024747.623
PX3 (140)	5947	5949	20180331024750.217	20180331024752.162
PX3 (140)	5953	5955	20180331024753.026	20180331024753.459
PX3 (140)	5963	5965	20180331024755.190	20180331024755.619
PX3 (140)	5981	5983	20180331024800.596	20180331024801.026
PX3 (140)	5984	5986	20180331024801.244	20180331024801.674
PX3 (140)	6005	6007	20180331024805.783	20180331024806.217
PX3 (140)	6007	6009	20180331024806.217	20180331024808.162
PX3 (140)	6023	6025	20180331024811.190	20180331024811.619
PX3 (140)	6025	6028	20180331024811.619	20180331024812.268
PX3 (140)	6038	6040	20180331024815.944	20180331024816.377
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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	6046	6048	20180331024817.674	20180331024818.108
PX3 (140)	6051	6053	20180331024818.760	20180331024819.190
PX3 (140)	6075	6077	20180331024825.459	20180331024825.889
PX3 (140)	6084	6086	20180331024827.404	20180331024827.838
PX3 (140)	6104	6106	20180331024833.240	20180331024833.674
PX3 (140)	6142	6144	20180331024842.971	20180331024843.404
PX3 (140)	6159	6161	20180331024848.162	20180331024848.592
PX3 (140)	6189	6191	20180331024856.158	20180331024856.592
PX3 (140)	6197	6199	20180331024857.889	20180331024858.322
PX3 (140)	6201	6203	20180331024858.756	20180331024859.186
PX3 (140)	6207	6209	20180331024900.053	20180331024900.483
PX3 (140)	6213	6215	20180331024901.350	20180331024901.779
PX3 (140)	6219	6221	20180331024904.158	20180331024904.592
PX3 (140)	6233	6235	20180331024907.186	20180331024907.619
PX3 (140)	6237	6239	20180331024908.053	20180331024908.482
PX3 (140)	6240	6242	20180331024908.701	20180331024909.131
PX3 (140)	6244	6246	20180331024909.565	20180331024909.998
PX3 (140)	6261	6263	20180331024914.756	20180331024915.186
PX3 (140)	6265	6267	20180331024915.619	20180331024916.049
PX3 (140)	6274	6276	20180331024917.565	20180331024917.998
PX3 (140)	6282	6284	20180331024920.807	20180331024921.240
PX3 (140)	6287	6289	20180331024921.889	20180331024922.322
PX3 (140)	6323	6325	20180331024931.186	20180331024931.619
PX3 (140)	6330	6332	20180331024932.701	20180331024933.131
PX3 (140)	6332	6334	20180331024933.131	20180331024933.564
PX3 (140)	6351	6353	20180331024938.756	20180331024939.186
PX3 (140)	6369	6371	20180331024944.158	20180331024944.592
PX3 (140)	6385	6387	20180331024947.619	20180331024948.049
PX3 (140)	6388	6390	20180331024948.268	20180331024948.701
PX3 (140)	6390	6392	20180331024948.701	20180331024949.131
PX3 (140)	6442	6444	20180331025002.971	20180331025003.400
PX3 (140)	6532	6534	20180331025026.967	20180331025027.400
PX3 (140)	6548	6550	20180331025031.943	20180331025032.373
PX3 (140)	6554	6556	20180331025033.240	20180331025033.670
PX3 (140)	6558	6560	20180331025034.103	20180331025034.537
PX3 (140)	6581	6583	20180331025040.588	20180331025041.021
PX3 (140)	6589	6591	20180331025042.318	20180331025042.752
PX3 (140)	6597	6600	20180331025044.049	20180331025044.697
PX3 (140)	6602	6604	20180331025045.131	20180331025045.560
PX3 (140)	6606	6609	20180331025045.994	20180331025048.158
PX3 (140)	6614	6616	20180331025049.236	20180331025049.670
PX3 (140)	6618	6621	20180331025050.103	20180331025050.752
PX3 (140)	6650	6653	20180331025058.533	20180331025059.185
PX3 (140)	6654	6656	20180331025059.400	20180331025059.830
PX3 (140)	6660	6662	20180331025100.697	20180331025101.127
PX3 (140)	6663	6665	20180331025101.346	20180331025101.779
PX3 (140)	6672	6674	20180331025104.806	20180331025105.236
PX3 (140)	6681	6683	20180331025106.752	20180331025107.181
PX3 (140)	6696	6699	20180331025109.994	20180331025112.158
PX3 (140)	6712	6714	20180331025114.967	20180331025115.400
PX3 (140)	6731	6733	20180331025120.588	20180331025121.021
PX3 (140)	6754	6756	20180331025125.560	20180331025125.994
PX3 (140)	6764	6766	20180331025129.236	20180331025129.670
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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	6776	6778	20180331025131.830	20180331025132.263
PX3 (140)	6782	6785	20180331025133.127	20180331025133.779
PX3 (140)	6794	6796	20180331025137.236	20180331025137.670
PX3 (140)	6805	6807	20180331025139.615	20180331025140.045
PX3 (140)	6813	6815	20180331025141.345	20180331025141.775
PX3 (140)	6878	6880	20180331025159.939	20180331025200.369
PX3 (140)	6919	6921	20180331025210.318	20180331025210.748
PX3 (140)	6928	6930	20180331025212.263	20180331025212.697
PX3 (140)	6939	6941	20180331025216.154	20180331025216.588
PX3 (140)	6942	6944	20180331025216.802	20180331025217.236
PX3 (140)	6946	6948	20180331025217.666	20180331025218.099
PX3 (140)	6949	6951	20180331025218.318	20180331025218.748
PX3 (140)	6951	6953	20180331025218.748	20180331025219.181
PX3 (140)	6956	6958	20180331025219.830	20180331025220.263
PX3 (140)	6961	6963	20180331025220.912	20180331025221.345
PX3 (140)	6965	6967	20180331025221.775	20180331025222.209
PX3 (140)	6971	6973	20180331025224.588	20180331025225.017
PX3 (140)	6980	6982	20180331025226.533	20180331025226.966
PX3 (140)	6990	6992	20180331025228.693	20180331025229.127
PX3 (140)	7006	7008	20180331025233.666	20180331025234.099
PX3 (140)	7019	7021	20180331025236.478	20180331025236.912
PX3 (140)	7051	7053	20180331025244.912	20180331025245.341
PX3 (140)	7058	7060	20180331025247.935	20180331025248.369
PX3 (140)	7081	7083	20180331025252.912	20180331025253.341
PX3 (140)	7084	7086	20180331025253.556	20180331025253.990
PX3 (140)	7091	7093	20180331025256.584	20180331025257.017
PX3 (140)	7094	7096	20180331025257.236	20180331025257.666
PX3 (140)	7104	7106	20180331025259.396	20180331025259.830
PX3 (140)	7107	7109	20180331025300.044	20180331025300.478
PX3 (140)	7110	7112	20180331025300.693	20180331025301.126
PX3 (140)	7131	7133	20180331025306.748	20180331025307.181
PX3 (140)	7134	7136	20180331025307.396	20180331025307.830
PX3 (140)	7149	7152	20180331025312.154	20180331025312.802
PX3 (140)	7163	7165	20180331025315.177	20180331025315.611
PX3 (140)	7166	7168	20180331025315.830	20180331025316.259
PX3 (140)	7179	7181	20180331025320.154	20180331025320.583
PX3 (140)	7183	7185	20180331025321.017	20180331025321.451
PX3 (140)	7193	7195	20180331025323.181	20180331025323.611
PX3 (140)	7204	7206	20180331025325.556	20180331025325.990
PX3 (140)	7211	7213	20180331025328.583	20180331025329.017
PX3 (140)	7218	7220	20180331025330.099	20180331025330.529
PX3 (140)	7222	7224	20180331025330.962	20180331025331.396
PX3 (140)	7237	7239	20180331025334.205	20180331025336.154
PX3 (140)	7240	7242	20180331025336.369	20180331025336.798
PX3 (140)	7266	7268	20180331025341.990	20180331025343.935
PX3 (140)	7279	7281	20180331025346.314	20180331025346.744
PX3 (140)	7291	7293	20180331025348.908	20180331025349.341
PX3 (140)	7303	7305	20180331025353.017	20180331025353.451
PX3 (140)	7307	7309	20180331025353.880	20180331025354.314
PX3 (140)	7311	7313	20180331025354.747	20180331025355.177
PX3 (140)	7315	7317	20180331025355.611	20180331025356.044
PX3 (140)	7319	7321	20180331025356.474	20180331025356.908
PX3 (140)	7372	7374	20180331025410.962	20180331025411.392
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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	7384	7387	20180331025413.556	20180331025414.204
PX3 (140)	7403	7406	20180331025419.177	20180331025419.826
PX3 (140)	7416	7418	20180331025421.990	20180331025423.935
PX3 (140)	7444	7446	20180331025429.556	20180331025429.990
PX3 (140)	7483	7485	20180331025441.017	20180331025441.447
PX3 (140)	7492	7494	20180331025442.958	20180331025443.392
PX3 (140)	7529	7531	20180331025452.474	20180331025452.907
PX3 (140)	7582	7584	20180331025506.962	20180331025507.392
PX3 (140)	7590	7592	20180331025508.689	20180331025509.122
PX3 (140)	7617	7619	20180331025516.040	20180331025516.474
PX3 (140)	7642	7644	20180331025522.958	20180331025523.392
PX3 (140)	7715	7717	20180331025541.771	20180331025542.200
PX3 (140)	7727	7729	20180331025545.880	20180331025546.310
PX3 (140)	7731	7733	20180331025546.743	20180331025547.177
PX3 (140)	7739	7741	20180331025548.474	20180331025548.903
PX3 (140)	7751	7753	20180331025552.579	20180331025553.013
PX3 (140)	7758	7760	20180331025554.095	20180331025554.528
PX3 (140)	7762	7764	20180331025554.958	20180331025555.392
PX3 (140)	7812	7814	20180331025608.798	20180331025609.228
PX3 (140)	7833	7835	20180331025613.337	20180331025613.767
PX3 (140)	7846	7848	20180331025617.661	20180331025618.091
PX3 (140)	7849	7851	20180331025618.310	20180331025618.743
PX3 (140)	7890	7892	20180331025628.689	20180331025629.118
PX3 (140)	7893	7895	20180331025629.337	20180331025629.767
PX3 (140)	7896	7898	20180331025629.985	20180331025631.931
PX3 (140)	7919	7921	20180331025636.470	20180331025636.903
PX3 (140)	8007	8009	20180331025700.036	20180331025700.470
PX3 (140)	8009	8011	20180331025700.470	20180331025700.903
PX3 (140)	8042	8044	20180331025709.118	20180331025709.552
PX3 (140)	8056	8058	20180331025713.661	20180331025714.091
PX3 (140)	8105	8107	20180331025725.794	20180331025726.227
PX3 (140)	8113	8115	20180331025729.048	20180331025729.477
PX3 (140)	8119	8121	20180331025730.345	20180331025730.778
PX3 (140)	8121	8123	20180331025730.778	20180331025731.208
PX3 (140)	8123	8125	20180331025731.208	20180331025731.641
PX3 (140)	8147	8149	20180331025737.911	20180331025738.345
PX3 (140)	8159	8161	20180331025740.505	20180331025740.938
PX3 (140)	8167	8169	20180331025742.235	20180331025744.181
PX3 (140)	8171	8173	20180331025744.614	20180331025745.048
PX3 (140)	8179	8181	20180331025746.345	20180331025746.778
PX3 (140)	8186	8188	20180331025747.856	20180331025748.290
PX3 (140)	8198	8200	20180331025751.966	20180331025752.395
PX3 (140)	8203	8205	20180331025753.048	20180331025753.477
PX3 (140)	8223	8225	20180331025757.372	20180331025757.805
PX3 (140)	8245	8247	20180331025803.641	20180331025804.071
PX3 (140)	8247	8249	20180331025804.071	20180331025804.505
PX3 (140)	8252	8254	20180331025805.153	20180331025805.587
PX3 (140)	8266	8268	20180331025809.692	20180331025810.126
PX3 (140)	8296	8298	20180331025817.696	20180331025818.126
PX3 (140)	8318	8320	20180331025823.966	20180331025824.395
PX3 (140)	8337	8339	20180331025828.071	20180331025828.505
PX3 (140)	8340	8342	20180331025828.719	20180331025829.153
PX3 (140)	8356	8358	20180331025833.692	20180331025834.126
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX3 (140)	8370	8372	20180331025836.719	20180331025837.153
PX3 (140)	8374	8376	20180331025837.587	20180331025838.016
PX3 (140)	8412	8414	20180331025848.829	20180331025849.262
PX3 (140)	8454	8456	20180331025859.423	20180331025859.856
PX3 (140)	8472	8474	20180331025904.829	20180331025905.262
PX3 (140)	8474	8476	20180331025905.262	20180331025905.692
PX3 (140)	8493	8495	20180331025909.368	20180331025909.801
PX3 (140)	8502	8504	20180331025912.829	20180331025913.258
PX3 (140)	8521	8523	20180331025916.934	20180331025917.368
PX3 (140)	8527	8529	20180331025918.235	20180331025920.176
PX3 (140)	8559	8561	20180331025928.180	20180331025928.610
PX3 (140)	8609	8611	20180331025940.501	20180331025940.934
PX3 (140)	8626	8628	20180331025945.692	20180331025946.122
PX3 (140)	8647	8649	20180331025950.231	20180331025952.176
PX3 (140)	8748	8750	20180331030018.122	20180331030018.555
PX3 (140)	8768	8770	20180331030023.961	20180331030024.395
PX3 (140)	8781	8783	20180331030026.770	20180331030027.204
PX3 (140)	8793	8795	20180331030029.364	20180331030029.797
PX3 (140)	8802	8804	20180331030032.825	20180331030033.258
PX3 (140)	8808	8810	20180331030034.122	20180331030034.555
PX3 (140)	8830	8832	20180331030040.395	20180331030040.825
PX3 (140)	8840	8842	20180331030042.555	20180331030042.989
PX3 (140)	8843	8845	20180331030043.204	20180331030043.637
PX3 (140)	8845	8847	20180331030043.637	20180331030044.067
PX3 (140)	8859	8861	20180331030048.176	20180331030048.610
PX3 (140)	8959	8961	20180331030114.336	20180331030114.770
PX3 (140)	8970	8972	20180331030116.715	20180331030117.149
PX3 (140)	8993	8995	20180331030123.203	20180331030123.633
PX3 (140)	9003	9005	20180331030125.364	20180331030125.797
PX3 (140)	9034	9036	20180331030133.582	20180331030134.012
PX3 (140)	9040	9042	20180331030136.391	20180331030136.825
PX3 (140)	9044	9046	20180331030137.254	20180331030137.688
PX3 (140)	9054	9056	20180331030139.418	20180331030139.848
PX3 (140)	9086	9088	20180331030147.852	20180331030148.282
PX3 (140)	9164	9167	20180331030209.254	20180331030209.903
PX3 (140)	9171	9173	20180331030210.770	20180331030211.199
PX3 (140)	9181	9183	20180331030212.930	20180331030213.363
PX3 (140)	9197	9200	20180331030217.903	20180331030218.551
PX3 (140)	9223	9226	20180331030225.039	20180331030225.688
PX3 (140)	9230	9233	20180331030226.551	20180331030227.199
PX3 (140)	9240	9242	20180331030228.715	20180331030229.145
PX3 (140)	9259	9261	20180331030234.336	20180331030234.770
PX3 (140)	9284	9286	20180331030241.254	20180331030241.688
PX3 (140)	9287	9289	20180331030241.902	20180331030242.336
PX3 (140)	9312	9314	20180331030248.820	20180331030249.254
PX3 (140)	9386	9388	20180331030307.848	20180331030308.281
PX3 (140)	9391	9393	20180331030308.930	20180331030309.359
PX3 (140)	9421	9423	20180331030316.930	20180331030317.363
PX3 (140)	9424	9426	20180331030317.578	20180331030318.008
PX3 (140)	9432	9434	20180331030320.820	20180331030321.254
PX3 (140)	9455	9457	20180331030325.793	20180331030326.227
PX3 (140)	9466	9468	20180331030329.684	20180331030330.117
PX3 (140)	9474	9476	20180331030331.414	20180331030331.848
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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	9509	9511	20180331030340.496	20180331030340.926
PX3 (140)	9542	9544	20180331030349.145	20180331030349.578
PX3 (140)	9581	9583	20180331030400.602	20180331030401.035
PX3 (140)	9585	9587	20180331030401.469	20180331030401.902
PX3 (140)	9593	9595	20180331030403.199	20180331030403.629
PX3 (140)	9604	9606	20180331030405.574	20180331030406.008
PX3 (140)	9608	9610	20180331030407.953	20180331030408.387
PX3 (140)	9625	9627	20180331030411.629	20180331030412.062
PX3 (140)	9638	9640	20180331030415.953	20180331030416.387
PX3 (140)	9647	9649	20180331030417.898	20180331030418.332
PX3 (140)	9651	9653	20180331030418.766	20180331030419.199
PX3 (140)	9659	9661	20180331030420.496	20180331030420.926
PX3 (140)	9681	9683	20180331030426.766	20180331030427.195
PX3 (140)	9692	9694	20180331030429.144	20180331030429.574
PX3 (140)	9718	9720	20180331030436.277	20180331030436.711
PX3 (140)	9725	9727	20180331030437.793	20180331030438.223
PX3 (140)	9739	9741	20180331030442.332	20180331030442.765
PX3 (140)	9782	9784	20180331030453.140	20180331030453.574
PX3 (140)	9789	9791	20180331030456.168	20180331030456.601
PX3 (140)	9795	9797	20180331030457.465	20180331030457.898
PX3 (140)	9810	9812	20180331030500.711	20180331030501.140
PX3 (140)	9812	9814	20180331030501.140	20180331030501.574
PX3 (140)	9820	9822	20180331030504.387	20180331030504.816
PX3 (140)	9822	9824	20180331030504.816	20180331030505.250
PX3 (140)	9826	9828	20180331030505.683	20180331030506.113
PX3 (140)	9833	9835	20180331030507.195	20180331030507.629
PX3 (140)	9838	9840	20180331030508.277	20180331030508.711
PX3 (140)	9847	9849	20180331030510.222	20180331030512.168
PX3 (140)	9854	9856	20180331030513.250	20180331030513.683
PX3 (140)	9857	9859	20180331030513.898	20180331030514.332
PX3 (140)	9867	9869	20180331030516.058	20180331030516.492
PX3 (140)	9869	9871	20180331030516.492	20180331030516.926
PX3 (140)	9879	9881	20180331030520.168	20180331030520.601
PX4 (145)	4337	4339	20180331024041.902	20180331024042.335
PX4 (145)	4342	4344	20180331024042.984	20180331024043.417
PX4 (145)	4348	4350	20180331024044.284	20180331024044.714
PX4 (145)	4374	4376	20180331024051.417	20180331024051.851
PX4 (145)	4378	4380	20180331024052.281	20180331024052.714
PX4 (145)	4382	4384	20180331024053.148	20180331024053.577
PX4 (145)	4386	4389	20180331024054.011	20180331024056.175
PX4 (145)	4391	4393	20180331024056.605	20180331024057.038
PX4 (145)	4398	4400	20180331024058.120	20180331024058.554
PX4 (145)	4402	4404	20180331024058.984	20180331024059.417
PX4 (145)	4405	4407	20180331024059.632	20180331024100.066
PX4 (145)	4421	4423	20180331024104.605	20180331024105.038
PX4 (145)	4439	4441	20180331024108.499	20180331024108.929
PX4 (145)	4442	4444	20180331024109.148	20180331024109.577
PX4 (145)	4470	4472	20180331024116.714	20180331024117.148
PX4 (145)	4475	4477	20180331024117.796	20180331024118.226
PX4 (145)	4480	4482	20180331024120.390	20180331024120.820
PX4 (145)	4503	4505	20180331024125.362	20180331024125.796
PX4 (145)	4507	4509	20180331024126.226	20180331024128.171
PX4 (145)	4509	4511	20180331024128.171	20180331024128.605

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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	4511	4513	20180331024128.605	20180331024129.038
PX4 (145)	4550	4552	20180331024138.550	20180331024138.984
PX4 (145)	4552	4554	20180331024138.984	20180331024139.417
PX4 (145)	4572	4574	20180331024144.823	20180331024145.253
PX4 (145)	4579	4581	20180331024146.335	20180331024146.769
PX4 (145)	4584	4586	20180331024147.417	20180331024147.847
PX4 (145)	4596	4598	20180331024150.011	20180331024151.956
PX4 (145)	4618	4620	20180331024156.280	20180331024156.714
PX4 (145)	4621	4623	20180331024156.929	20180331024157.362
PX4 (145)	4641	4643	20180331024202.765	20180331024203.198
PX4 (145)	4644	4646	20180331024203.417	20180331024203.847
PX4 (145)	4647	4649	20180331024204.062	20180331024204.495
PX4 (145)	4660	4662	20180331024208.386	20180331024208.819
PX4 (145)	4667	4669	20180331024209.901	20180331024210.335
PX4 (145)	4671	4673	20180331024210.769	20180331024211.198
PX4 (145)	4674	4676	20180331024211.413	20180331024211.847
PX4 (145)	4678	4680	20180331024212.280	20180331024212.710
PX4 (145)	4682	4684	20180331024213.144	20180331024213.577
PX4 (145)	4704	4706	20180331024219.413	20180331024219.847
PX4 (145)	4721	4723	20180331024224.605	20180331024225.038
PX4 (145)	4726	4728	20180331024225.687	20180331024226.116
PX4 (145)	4732	4734	20180331024226.983	20180331024227.413
PX4 (145)	4738	4740	20180331024228.280	20180331024228.710
PX4 (145)	4744	4746	20180331024229.577	20180331024230.007
PX4 (145)	4749	4751	20180331024232.171	20180331024232.605
PX4 (145)	4757	4759	20180331024233.901	20180331024234.335
PX4 (145)	4764	4766	20180331024235.413	20180331024235.847
PX4 (145)	4771	4773	20180331024236.929	20180331024237.358
PX4 (145)	4817	4821	20180331024249.901	20180331024250.765
PX4 (145)	4839	4841	20180331024256.171	20180331024256.604
PX4 (145)	4844	4846	20180331024257.253	20180331024257.683
PX4 (145)	4846	4848	20180331024257.683	20180331024258.116
PX4 (145)	4851	4853	20180331024258.765	20180331024259.198
PX4 (145)	4853	4856	20180331024259.198	20180331024259.847
PX4 (145)	4880	4882	20180331024306.550	20180331024306.979
PX4 (145)	4882	4885	20180331024306.979	20180331024307.628
PX4 (145)	4906	4908	20180331024313.683	20180331024314.116
PX4 (145)	4918	4920	20180331024316.276	20180331024316.710
PX4 (145)	4926	4928	20180331024318.007	20180331024319.952
PX4 (145)	4928	4931	20180331024319.952	20180331024320.600
PX4 (145)	4936	4939	20180331024321.683	20180331024322.331
PX4 (145)	4944	4946	20180331024323.413	20180331024323.847
PX4 (145)	4958	4960	20180331024327.952	20180331024328.386
PX4 (145)	4964	4966	20180331024329.249	20180331024329.683
PX4 (145)	4970	4972	20180331024330.546	20180331024330.979
PX4 (145)	4986	4988	20180331024334.007	20180331024335.952
PX4 (145)	5003	5005	20180331024339.194	20180331024339.628
PX4 (145)	5026	5028	20180331024345.682	20180331024346.116
PX4 (145)	5037	5039	20180331024348.061	20180331024348.495
PX4 (145)	5045	5047	20180331024349.792	20180331024350.222
PX4 (145)	5065	5067	20180331024355.628	20180331024356.061
PX4 (145)	5069	5071	20180331024356.491	20180331024356.925
PX4 (145)	5072	5074	20180331024357.143	20180331024357.573
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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	5134	5136	20180331024413.573	20180331024414.007
PX4 (145)	5137	5139	20180331024414.221	20180331024416.167
PX4 (145)	5142	5144	20180331024416.815	20180331024417.249
PX4 (145)	5149	5151	20180331024418.331	20180331024418.764
PX4 (145)	5152	5154	20180331024418.979	20180331024419.409
PX4 (145)	5170	5172	20180331024424.385	20180331024424.815
PX4 (145)	5183	5185	20180331024427.194	20180331024427.628
PX4 (145)	5192	5194	20180331024429.139	20180331024429.573
PX4 (145)	5197	5199	20180331024430.221	20180331024432.167
PX4 (145)	5243	5245	20180331024443.194	20180331024443.628
PX4 (145)	5245	5247	20180331024443.628	20180331024444.057
PX4 (145)	5252	5254	20180331024445.139	20180331024445.573
PX4 (145)	5254	5256	20180331024445.573	20180331024446.007
PX4 (145)	5265	5267	20180331024449.464	20180331024449.897
PX4 (145)	5270	5272	20180331024450.546	20180331024450.979
PX4 (145)	5282	5284	20180331024453.139	20180331024453.573
PX4 (145)	5287	5289	20180331024454.221	20180331024456.167
PX4 (145)	5297	5299	20180331024457.897	20180331024458.331
PX4 (145)	5322	5324	20180331024504.815	20180331024505.249
PX4 (145)	5360	5362	20180331024514.546	20180331024514.979
PX4 (145)	5363	5365	20180331024515.194	20180331024515.628
PX4 (145)	5379	5381	20180331024520.167	20180331024520.600
PX4 (145)	5382	5384	20180331024520.815	20180331024521.249
PX4 (145)	5393	5395	20180331024523.194	20180331024523.628
PX4 (145)	5401	5403	20180331024524.924	20180331024525.354
PX4 (145)	5408	5410	20180331024527.952	20180331024528.381
PX4 (145)	5459	5461	20180331024540.491	20180331024540.924
PX4 (145)	5464	5466	20180331024541.569	20180331024542.003
PX4 (145)	5468	5470	20180331024543.948	20180331024544.381
PX4 (145)	5478	5481	20180331024546.112	20180331024546.760
PX4 (145)	5497	5499	20180331024550.217	20180331024552.167
PX4 (145)	5523	5525	20180331024557.354	20180331024557.788
PX4 (145)	5553	5555	20180331024605.354	20180331024605.788
PX4 (145)	5558	5560	20180331024607.948	20180331024608.381
PX4 (145)	5568	5570	20180331024610.112	20180331024610.542
PX4 (145)	5571	5573	20180331024610.760	20180331024611.194
PX4 (145)	5593	5595	20180331024617.030	20180331024617.459
PX4 (145)	5621	5623	20180331024624.596	20180331024625.030
PX4 (145)	5655	5657	20180331024633.459	20180331024633.893
PX4 (145)	5662	5664	20180331024634.975	20180331024635.409
PX4 (145)	5664	5666	20180331024635.409	20180331024635.838
PX4 (145)	5678	5680	20180331024639.948	20180331024640.381
PX4 (145)	5681	5683	20180331024640.596	20180331024641.030
PX4 (145)	5755	5757	20180331024659.623	20180331024700.057
PX4 (145)	5779	5782	20180331024706.327	20180331024706.975
PX4 (145)	5804	5806	20180331024713.244	20180331024713.674
PX4 (145)	5816	5818	20180331024715.838	20180331024716.272
PX4 (145)	5875	5878	20180331024731.623	20180331024732.272
PX4 (145)	5898	5900	20180331024738.108	20180331024738.541
PX4 (145)	5909	5911	20180331024740.487	20180331024740.920
PX4 (145)	5935	5937	20180331024747.623	20180331024748.053
PX4 (145)	5949	5951	20180331024752.162	20180331024752.596
PX4 (145)	5959	5961	20180331024754.323	20180331024754.760
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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	5968	5970	20180331024756.272	20180331024756.701
PX4 (145)	5986	5988	20180331024801.674	20180331024802.108
PX4 (145)	5989	5991	20180331024802.322	20180331024802.760
PX4 (145)	5992	5994	20180331024802.971	20180331024803.405
PX4 (145)	6006	6008	20180331024805.998	20180331024807.944
PX4 (145)	6014	6016	20180331024809.244	20180331024809.674
PX4 (145)	6020	6022	20180331024810.541	20180331024810.971
PX4 (145)	6066	6068	20180331024821.998	20180331024823.944
PX4 (145)	6071	6073	20180331024824.592	20180331024825.026
PX4 (145)	6084	6086	20180331024827.404	20180331024827.838
PX4 (145)	6093	6095	20180331024829.350	20180331024829.783
PX4 (145)	6137	6139	20180331024841.889	20180331024842.322
PX4 (145)	6168	6170	20180331024850.108	20180331024850.537
PX4 (145)	6179	6181	20180331024852.486	20180331024852.916
PX4 (145)	6194	6196	20180331024857.240	20180331024857.674
PX4 (145)	6219	6221	20180331024904.158	20180331024904.592
PX4 (145)	6236	6238	20180331024907.834	20180331024908.268
PX4 (145)	6240	6242	20180331024908.701	20180331024909.131
PX4 (145)	6261	6263	20180331024914.756	20180331024915.186
PX4 (145)	6281	6283	20180331024920.592	20180331024921.025
PX4 (145)	6286	6288	20180331024921.674	20180331024922.104
PX4 (145)	6297	6299	20180331024924.053	20180331024924.482
PX4 (145)	6302	6304	20180331024925.131	20180331024925.564
PX4 (145)	6309	6311	20180331024928.158	20180331024928.592
PX4 (145)	6316	6318	20180331024929.674	20180331024930.104
PX4 (145)	6323	6325	20180331024931.186	20180331024931.619
PX4 (145)	6351	6353	20180331024938.756	20180331024939.186
PX4 (145)	6388	6390	20180331024948.268	20180331024948.701
PX4 (145)	6442	6444	20180331025002.971	20180331025003.400
PX4 (145)	6457	6459	20180331025006.213	20180331025008.158
PX4 (145)	6465	6467	20180331025009.455	20180331025009.889
PX4 (145)	6484	6486	20180331025013.564	20180331025013.994
PX4 (145)	6520	6522	20180331025024.373	20180331025024.807
PX4 (145)	6548	6551	20180331025031.943	20180331025032.588
PX4 (145)	6553	6555	20180331025033.021	20180331025033.455
PX4 (145)	6560	6562	20180331025034.537	20180331025034.967
PX4 (145)	6570	6572	20180331025036.697	20180331025037.131
PX4 (145)	6574	6577	20180331025037.564	20180331025038.209
PX4 (145)	6590	6592	20180331025042.537	20180331025042.967
PX4 (145)	6598	6600	20180331025044.264	20180331025044.697
PX4 (145)	6602	6605	20180331025045.131	20180331025045.779
PX4 (145)	6607	6610	20180331025046.213	20180331025048.373
PX4 (145)	6644	6646	20180331025057.236	20180331025057.670
PX4 (145)	6657	6659	20180331025100.049	20180331025100.482
PX4 (145)	6661	6663	20180331025100.912	20180331025101.346
PX4 (145)	6669	6671	20180331025104.154	20180331025104.588
PX4 (145)	6672	6674	20180331025104.806	20180331025105.236
PX4 (145)	6687	6689	20180331025108.049	20180331025108.482
PX4 (145)	6693	6695	20180331025109.345	20180331025109.779
PX4 (145)	6706	6708	20180331025113.670	20180331025114.099
PX4 (145)	6751	6753	20180331025124.912	20180331025125.345
PX4 (145)	6762	6764	20180331025128.802	20180331025129.236
PX4 (145)	6773	6775	20180331025131.181	20180331025131.615
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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	6780	6782	20180331025132.697	20180331025133.127
PX4 (145)	6783	6785	20180331025133.345	20180331025133.779
PX4 (145)	6830	6832	20180331025146.533	20180331025146.966
PX4 (145)	6836	6838	20180331025147.830	20180331025148.263
PX4 (145)	6878	6880	20180331025159.939	20180331025200.369
PX4 (145)	6880	6882	20180331025200.369	20180331025200.802
PX4 (145)	6895	6897	20180331025203.615	20180331025204.048
PX4 (145)	6897	6899	20180331025204.048	20180331025204.478
PX4 (145)	6923	6925	20180331025211.181	20180331025211.615
PX4 (145)	6932	6934	20180331025213.127	20180331025213.560
PX4 (145)	6942	6944	20180331025216.802	20180331025217.236
PX4 (145)	6951	6953	20180331025218.748	20180331025219.181
PX4 (145)	6978	6980	20180331025226.099	20180331025226.533
PX4 (145)	6988	6990	20180331025228.263	20180331025228.693
PX4 (145)	6995	6997	20180331025229.775	20180331025230.209
PX4 (145)	7004	7006	20180331025233.236	20180331025233.666
PX4 (145)	7011	7014	20180331025234.748	20180331025235.396
PX4 (145)	7025	7027	20180331025237.775	20180331025238.209
PX4 (145)	7042	7044	20180331025242.966	20180331025243.396
PX4 (145)	7056	7058	20180331025245.990	20180331025247.935
PX4 (145)	7060	7062	20180331025248.369	20180331025248.802
PX4 (145)	7075	7077	20180331025251.615	20180331025252.044
PX4 (145)	7078	7080	20180331025252.259	20180331025252.693
PX4 (145)	7094	7096	20180331025257.236	20180331025257.666
PX4 (145)	7097	7099	20180331025257.884	20180331025258.314
PX4 (145)	7100	7102	20180331025258.533	20180331025258.962
PX4 (145)	7113	7115	20180331025301.341	20180331025301.775
PX4 (145)	7116	7118	20180331025301.990	20180331025303.935
PX4 (145)	7124	7126	20180331025305.232	20180331025305.666
PX4 (145)	7127	7129	20180331025305.884	20180331025306.314
PX4 (145)	7149	7152	20180331025312.154	20180331025312.802
PX4 (145)	7156	7158	20180331025313.666	20180331025314.099
PX4 (145)	7169	7171	20180331025316.478	20180331025316.908
PX4 (145)	7173	7175	20180331025317.341	20180331025317.775
PX4 (145)	7176	7178	20180331025317.990	20180331025319.935
PX4 (145)	7183	7185	20180331025321.017	20180331025321.451
PX4 (145)	7225	7227	20180331025331.611	20180331025332.044
PX4 (145)	7240	7242	20180331025336.369	20180331025336.798
PX4 (145)	7248	7250	20180331025338.095	20180331025338.529
PX4 (145)	7266	7268	20180331025341.990	20180331025343.935
PX4 (145)	7271	7273	20180331025344.583	20180331025345.017
PX4 (145)	7294	7296	20180331025349.556	20180331025349.990
PX4 (145)	7315	7317	20180331025355.611	20180331025356.044
PX4 (145)	7319	7321	20180331025356.474	20180331025356.908
PX4 (145)	7324	7326	20180331025357.556	20180331025357.990
PX4 (145)	7353	7355	20180331025405.341	20180331025405.771
PX4 (145)	7384	7387	20180331025413.556	20180331025414.204
PX4 (145)	7390	7392	20180331025416.368	20180331025416.798
PX4 (145)	7394	7397	20180331025417.232	20180331025417.880
PX4 (145)	7422	7424	20180331025424.798	20180331025425.232
PX4 (145)	7436	7438	20180331025427.826	20180331025428.259
PX4 (145)	7463	7465	20180331025435.177	20180331025435.611
PX4 (145)	7472	7474	20180331025437.122	20180331025437.556

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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	7525	7527	20180331025451.607	20180331025452.040
PX4 (145)	7557	7559	20180331025500.040	20180331025500.474
PX4 (145)	7562	7564	20180331025501.122	20180331025501.556
PX4 (145)	7590	7592	20180331025508.689	20180331025509.122
PX4 (145)	7605	7607	20180331025513.446	20180331025513.880
PX4 (145)	7636	7638	20180331025521.661	20180331025522.095
PX4 (145)	7695	7697	20180331025537.446	20180331025537.876
PX4 (145)	7699	7701	20180331025538.310	20180331025538.743
PX4 (145)	7739	7741	20180331025548.474	20180331025548.903
PX4 (145)	7746	7749	20180331025549.985	20180331025552.146
PX4 (145)	7762	7764	20180331025554.958	20180331025555.392
PX4 (145)	7770	7772	20180331025556.689	20180331025557.122
PX4 (145)	7788	7790	20180331025602.091	20180331025602.524
PX4 (145)	7823	7825	20180331025611.173	20180331025611.607
PX4 (145)	7859	7861	20180331025620.470	20180331025620.903
PX4 (145)	7868	7870	20180331025623.931	20180331025624.364
PX4 (145)	7871	7873	20180331025624.579	20180331025625.013
PX4 (145)	7896	7898	20180331025629.985	20180331025631.931
PX4 (145)	7907	7909	20180331025633.876	20180331025634.310
PX4 (145)	7910	7912	20180331025634.524	20180331025634.958
PX4 (145)	8012	8014	20180331025701.118	20180331025701.552
PX4 (145)	8049	8051	20180331025712.145	20180331025712.579
PX4 (145)	8117	8119	20180331025729.911	20180331025730.345
PX4 (145)	8119	8121	20180331025730.345	20180331025730.778
PX4 (145)	8123	8125	20180331025731.208	20180331025731.641
PX4 (145)	8125	8127	20180331025731.641	20180331025732.075
PX4 (145)	8147	8149	20180331025737.911	20180331025738.345
PX4 (145)	8175	8177	20180331025745.477	20180331025745.911
PX4 (145)	8190	8192	20180331025748.723	20180331025749.153
PX4 (145)	8219	8221	20180331025756.505	20180331025756.938
PX4 (145)	8221	8223	20180331025756.938	20180331025757.372
PX4 (145)	8226	8228	20180331025758.020	20180331025759.966
PX4 (145)	8231	8233	20180331025800.614	20180331025801.048
PX4 (145)	8247	8249	20180331025804.071	20180331025804.505
PX4 (145)	8273	8275	20180331025811.208	20180331025811.641
PX4 (145)	8279	8281	20180331025812.505	20180331025812.938
PX4 (145)	8296	8298	20180331025817.696	20180331025818.126
PX4 (145)	8334	8336	20180331025827.423	20180331025827.856
PX4 (145)	8337	8339	20180331025828.071	20180331025828.505
PX4 (145)	8350	8352	20180331025832.395	20180331025832.829
PX4 (145)	8353	8355	20180331025833.044	20180331025833.477
PX4 (145)	8367	8369	20180331025836.071	20180331025836.505
PX4 (145)	8370	8373	20180331025836.719	20180331025837.368
PX4 (145)	8374	8376	20180331025837.587	20180331025838.016
PX4 (145)	8422	8424	20180331025850.989	20180331025851.423
PX4 (145)	8472	8474	20180331025904.829	20180331025905.262
PX4 (145)	8493	8495	20180331025909.368	20180331025909.801
PX4 (145)	8503	8505	20180331025913.044	20180331025913.477
PX4 (145)	8528	8530	20180331025919.962	20180331025920.395
PX4 (145)	8544	8546	20180331025923.422	20180331025923.856
PX4 (145)	8563	8565	20180331025929.044	20180331025929.477
PX4 (145)	8609	8612	20180331025940.501	20180331025941.153
PX4 (145)	8612	8614	20180331025941.153	20180331025941.583

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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	8624	8626	20180331025945.258	20180331025945.692
PX4 (145)	8748	8750	20180331030018.122	20180331030018.555
PX4 (145)	8826	8828	20180331030038.016	20180331030039.961
PX4 (145)	8840	8842	20180331030042.555	20180331030042.989
PX4 (145)	8842	8844	20180331030042.989	20180331030043.418
PX4 (145)	8852	8854	20180331030045.149	20180331030045.582
PX4 (145)	8859	8861	20180331030048.176	20180331030048.610
PX4 (145)	8865	8867	20180331030049.473	20180331030049.907
PX4 (145)	8872	8874	20180331030050.985	20180331030051.418
PX4 (145)	8942	8944	20180331030109.149	20180331030109.578
PX4 (145)	8955	8957	20180331030113.473	20180331030113.903
PX4 (145)	8963	8965	20180331030115.203	20180331030115.633
PX4 (145)	8974	8976	20180331030117.582	20180331030118.012
PX4 (145)	9027	9029	20180331030132.067	20180331030132.500
PX4 (145)	9034	9036	20180331030133.582	20180331030134.012
PX4 (145)	9040	9042	20180331030136.391	20180331030136.825
PX4 (145)	9127	9129	20180331030158.227	20180331030200.172
PX4 (145)	9163	9166	20180331030209.039	20180331030209.688
PX4 (145)	9179	9181	20180331030212.500	20180331030212.930
PX4 (145)	9194	9198	20180331030217.254	20180331030218.121
PX4 (145)	9201	9203	20180331030218.770	20180331030219.199
PX4 (145)	9223	9225	20180331030225.039	20180331030225.473
PX4 (145)	9229	9232	20180331030226.336	20180331030226.985
PX4 (145)	9243	9246	20180331030229.363	20180331030230.012
PX4 (145)	9265	9267	20180331030235.633	20180331030236.063
PX4 (145)	9276	9278	20180331030238.012	20180331030239.957
PX4 (145)	9283	9285	20180331030241.039	20180331030241.469
PX4 (145)	9295	9297	20180331030243.633	20180331030244.067
PX4 (145)	9409	9411	20180331030314.336	20180331030314.766
PX4 (145)	9432	9435	20180331030320.820	20180331030321.469
PX4 (145)	9445	9447	20180331030323.629	20180331030324.063
PX4 (145)	9456	9458	20180331030326.012	20180331030327.957
PX4 (145)	9469	9471	20180331030330.336	20180331030330.770
PX4 (145)	9509	9511	20180331030340.496	20180331030340.926
PX4 (145)	9542	9544	20180331030349.145	20180331030349.578
PX4 (145)	9550	9552	20180331030352.387	20180331030352.820
PX4 (145)	9564	9566	20180331030355.414	20180331030355.848
PX4 (145)	9598	9600	20180331030404.277	20180331030404.711
PX4 (145)	9609	9611	20180331030408.168	20180331030408.601
PX4 (145)	9616	9618	20180331030409.684	20180331030410.117
PX4 (145)	9639	9641	20180331030416.172	20180331030416.601
PX4 (145)	9651	9653	20180331030418.766	20180331030419.199
PX4 (145)	9657	9659	20180331030420.062	20180331030420.496
PX4 (145)	9679	9681	20180331030426.332	20180331030426.766
PX4 (145)	9692	9694	20180331030429.144	20180331030429.574
PX4 (145)	9726	9728	20180331030438.008	20180331030439.953
PX4 (145)	9728	9730	20180331030439.953	20180331030440.387
PX4 (145)	9740	9742	20180331030442.547	20180331030442.980
PX4 (145)	9744	9746	20180331030443.414	20180331030443.844
PX4 (145)	9780	9782	20180331030452.711	20180331030453.140
PX4 (145)	9795	9797	20180331030457.465	20180331030457.898
PX4 (145)	9799	9801	20180331030458.332	20180331030458.765
PX4 (145)	9801	9803	20180331030458.765	20180331030459.195

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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	9803	9805	20180331030459.195	20180331030459.629
PX4 (145)	9805	9807	20180331030459.629	20180331030500.058
PX4 (145)	9807	9809	20180331030500.058	20180331030500.492
PX4 (145)	9809	9811	20180331030500.492	20180331030500.926
PX4 (145)	9824	9826	20180331030505.250	20180331030505.683
PX4 (145)	9826	9828	20180331030505.683	20180331030506.113
PX4 (145)	9828	9830	20180331030506.113	20180331030506.547
PX4 (145)	9837	9839	20180331030508.062	20180331030508.492
PX4 (145)	9842	9844	20180331030509.140	20180331030509.574
PX4 (145)	9849	9851	20180331030512.168	20180331030512.601
PX4 (145)	9864	9866	20180331030515.414	20180331030515.844
PX4 (145)	9877	9879	20180331030518.222	20180331030520.168
PX4 (145)	9893	9895	20180331030523.195	20180331030523.629
PX4 (145)	9899	9901	20180331030524.492	20180331030524.926
IMG (150)	5177	5179	20180331024034.335	20180331024034.769
IMG (150)	5220	5222	20180331024044.284	20180331024044.714
IMG (150)	5231	5234	20180331024046.878	20180331024047.956
IMG (150)	5236	5238	20180331024048.390	20180331024048.824
IMG (150)	5241	5243	20180331024049.472	20180331024049.906
IMG (150)	5274	5276	20180331024057.257	20180331024057.687
IMG (150)	5295	5297	20180331024101.796	20180331024102.226
IMG (150)	5308	5310	20180331024105.253	20180331024105.687
IMG (150)	5355	5357	20180331024116.066	20180331024116.495
IMG (150)	5358	5360	20180331024116.714	20180331024117.148
IMG (150)	5360	5362	20180331024117.148	20180331024117.577
IMG (150)	5363	5365	20180331024117.796	20180331024118.226
IMG (150)	5372	5374	20180331024120.390	20180331024120.820
IMG (150)	5379	5381	20180331024121.902	20180331024122.335
IMG (150)	5390	5392	20180331024124.280	20180331024124.714
IMG (150)	5395	5397	20180331024125.362	20180331024125.796
IMG (150)	5405	5407	20180331024128.171	20180331024128.605
IMG (150)	5446	5448	20180331024137.687	20180331024138.116
IMG (150)	5455	5457	20180331024139.632	20180331024140.066
IMG (150)	5479	5481	20180331024145.468	20180331024145.901
IMG (150)	5483	5485	20180331024146.335	20180331024146.769
IMG (150)	5496	5498	20180331024149.148	20180331024149.577
IMG (150)	5498	5500	20180331024149.577	20180331024150.011
IMG (150)	5508	5510	20180331024152.390	20180331024152.819
IMG (150)	5521	5523	20180331024155.198	20180331024155.632
IMG (150)	5524	5526	20180331024155.847	20180331024156.280
IMG (150)	5527	5529	20180331024156.495	20180331024156.929
IMG (150)	5541	5543	20180331024200.171	20180331024200.605
IMG (150)	5556	5558	20180331024203.417	20180331024203.847
IMG (150)	5571	5573	20180331024206.874	20180331024207.523
IMG (150)	5573	5575	20180331024207.523	20180331024208.171
IMG (150)	5580	5582	20180331024209.253	20180331024209.683
IMG (150)	5588	5590	20180331024210.983	20180331024211.413
IMG (150)	5598	5600	20180331024213.144	20180331024213.577
IMG (150)	5630	5632	20180331024220.714	20180331024221.144
IMG (150)	5646	5648	20180331024224.819	20180331024225.253
IMG (150)	5656	5658	20180331024226.983	20180331024227.413
IMG (150)	5664	5666	20180331024228.710	20180331024229.144
IMG (150)	5670	5672	20180331024230.007	20180331024230.659
Continued on next page				

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
IMG (150)	5674	5676	20180331024231.308	20180331024231.956
IMG (150)	5716	5718	20180331024241.253	20180331024241.683
IMG (150)	5719	5721	20180331024241.901	20180331024242.335
IMG (150)	5727	5730	20180331024243.632	20180331024244.276
IMG (150)	5731	5733	20180331024244.495	20180331024244.929
IMG (150)	5757	5759	20180331024250.765	20180331024251.198
IMG (150)	5765	5768	20180331024252.495	20180331024253.144
IMG (150)	5814	5816	20180331024304.386	20180331024304.819
IMG (150)	5820	5822	20180331024305.683	20180331024306.116
IMG (150)	5824	5826	20180331024306.550	20180331024306.979
IMG (150)	5853	5855	20180331024313.468	20180331024313.901
IMG (150)	5872	5874	20180331024317.573	20180331024318.007
IMG (150)	5874	5876	20180331024318.007	20180331024318.655
IMG (150)	5880	5882	20180331024319.952	20180331024320.386
IMG (150)	5888	5890	20180331024321.683	20180331024322.116
IMG (150)	5894	5896	20180331024322.979	20180331024323.413
IMG (150)	5896	5898	20180331024323.413	20180331024323.847
IMG (150)	5943	5945	20180331024334.225	20180331024334.870
IMG (150)	5953	5955	20180331024337.034	20180331024337.468
IMG (150)	5958	5960	20180331024338.116	20180331024338.550
IMG (150)	5976	5978	20180331024342.007	20180331024342.655
IMG (150)	5983	5985	20180331024344.171	20180331024344.600
IMG (150)	5989	5991	20180331024345.468	20180331024345.897
IMG (150)	6001	6003	20180331024348.061	20180331024348.495
IMG (150)	6023	6025	20180331024353.468	20180331024353.897
IMG (150)	6026	6028	20180331024354.116	20180331024354.546
IMG (150)	6033	6035	20180331024355.628	20180331024356.061
IMG (150)	6039	6041	20180331024356.925	20180331024357.358
IMG (150)	6045	6047	20180331024358.221	20180331024358.870
IMG (150)	6055	6057	20180331024401.034	20180331024401.468
IMG (150)	6117	6119	20180331024415.518	20180331024416.167
IMG (150)	6124	6126	20180331024417.249	20180331024417.682
IMG (150)	6129	6131	20180331024418.331	20180331024418.764
IMG (150)	6148	6151	20180331024422.655	20180331024423.518
IMG (150)	6161	6163	20180331024425.897	20180331024426.331
IMG (150)	6182	6184	20180331024430.655	20180331024431.303
IMG (150)	6185	6187	20180331024431.518	20180331024432.167
IMG (150)	6191	6193	20180331024433.034	20180331024433.464
IMG (150)	6197	6200	20180331024434.331	20180331024434.979
IMG (150)	6204	6206	20180331024435.843	20180331024436.276
IMG (150)	6211	6213	20180331024437.358	20180331024437.788
IMG (150)	6239	6241	20180331024444.057	20180331024444.491
IMG (150)	6264	6266	20180331024450.112	20180331024450.546
IMG (150)	6266	6268	20180331024450.546	20180331024450.979
IMG (150)	6269	6271	20180331024451.194	20180331024451.628
IMG (150)	6284	6286	20180331024454.655	20180331024455.303
IMG (150)	6294	6296	20180331024457.249	20180331024457.682
IMG (150)	6299	6301	20180331024458.331	20180331024458.760
IMG (150)	6302	6304	20180331024458.979	20180331024459.409
IMG (150)	6307	6309	20180331024500.057	20180331024500.491
IMG (150)	6359	6361	20180331024512.596	20180331024513.030
IMG (150)	6371	6373	20180331024515.194	20180331024515.628
IMG (150)	6389	6391	20180331024519.518	20180331024520.167
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
IMG (150)	6395	6397	20180331024521.030	20180331024521.463
IMG (150)	6413	6415	20180331024524.924	20180331024525.354
IMG (150)	6427	6429	20180331024528.596	20180331024529.030
IMG (150)	6443	6445	20180331024532.057	20180331024532.491
IMG (150)	6485	6487	20180331024541.788	20180331024542.221
IMG (150)	6500	6502	20180331024545.678	20180331024546.112
IMG (150)	6525	6527	20180331024551.518	20180331024552.167
IMG (150)	6534	6536	20180331024553.678	20180331024554.112
IMG (150)	6537	6539	20180331024554.327	20180331024554.760
IMG (150)	6607	6609	20180331024610.760	20180331024611.194
IMG (150)	6622	6624	20180331024614.002	20180331024614.651
IMG (150)	6652	6654	20180331024621.139	20180331024621.569
IMG (150)	6661	6663	20180331024623.514	20180331024624.166
IMG (150)	6663	6665	20180331024624.166	20180331024624.596
IMG (150)	6670	6672	20180331024625.678	20180331024626.112
IMG (150)	6686	6688	20180331024629.135	20180331024629.569
IMG (150)	6730	6732	20180331024639.948	20180331024640.381
IMG (150)	6754	6756	20180331024645.135	20180331024645.569
IMG (150)	6843	6845	20180331024706.327	20180331024706.760
IMG (150)	6870	6872	20180331024712.811	20180331024713.244
IMG (150)	6936	6938	20180331024728.377	20180331024728.811
IMG (150)	6951	6953	20180331024731.623	20180331024732.053
IMG (150)	6958	6960	20180331024733.135	20180331024733.569
IMG (150)	6968	6971	20180331024735.948	20180331024736.596
IMG (150)	6989	6991	20180331024740.487	20180331024740.920
IMG (150)	6991	6993	20180331024740.920	20180331024741.350
IMG (150)	7015	7017	20180331024746.760	20180331024747.190
IMG (150)	7046	7048	20180331024754.108	20180331024754.541
IMG (150)	7052	7054	20180331024755.405	20180331024755.838
IMG (150)	7066	7068	20180331024758.647	20180331024759.295
IMG (150)	7089	7091	20180331024804.053	20180331024804.487
IMG (150)	7098	7100	20180331024805.998	20180331024806.647
IMG (150)	7175	7177	20180331024824.592	20180331024825.026
IMG (150)	7182	7184	20180331024826.108	20180331024826.541
IMG (150)	7192	7194	20180331024828.268	20180331024828.701
IMG (150)	7273	7275	20180331024847.510	20180331024848.162
IMG (150)	7284	7286	20180331024850.108	20180331024850.537
IMG (150)	7363	7365	20180331024908.482	20180331024908.916
IMG (150)	7367	7369	20180331024909.350	20180331024909.783
IMG (150)	7370	7372	20180331024909.998	20180331024910.647
IMG (150)	7390	7392	20180331024914.971	20180331024915.404
IMG (150)	7400	7403	20180331024917.131	20180331024917.779
IMG (150)	7422	7424	20180331024922.537	20180331024922.971
IMG (150)	7465	7467	20180331024932.482	20180331024932.916
IMG (150)	7470	7472	20180331024933.564	20180331024933.998
IMG (150)	7487	7489	20180331024937.889	20180331024938.322
IMG (150)	7559	7561	20180331024954.752	20180331024955.186
IMG (150)	7607	7609	20180331025005.779	20180331025006.213
IMG (150)	7613	7615	20180331025007.510	20180331025008.158
IMG (150)	7616	7618	20180331025008.373	20180331025008.807
IMG (150)	7714	7716	20180331025031.291	20180331025031.943
IMG (150)	7728	7731	20180331025034.537	20180331025035.182
IMG (150)	7743	7745	20180331025037.779	20180331025038.209
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APID	Seq from	Seq to	Time from	Time to
IMG (150)	7754	7756	20180331025040.806	20180331025041.236
IMG (150)	7768	7770	20180331025043.834	20180331025044.264
IMG (150)	7789	7791	20180331025049.021	20180331025049.455
IMG (150)	7795	7797	20180331025050.318	20180331025050.752
IMG (150)	7807	7809	20180331025052.912	20180331025053.346
IMG (150)	7834	7836	20180331025059.400	20180331025059.830
IMG (150)	7838	7840	20180331025100.263	20180331025100.697
IMG (150)	7849	7851	20180331025102.857	20180331025103.510
IMG (150)	7878	7880	20180331025109.560	20180331025109.994
IMG (150)	7897	7899	20180331025114.318	20180331025114.752
IMG (150)	7905	7907	20180331025116.049	20180331025116.482
IMG (150)	7923	7925	20180331025120.588	20180331025121.021
IMG (150)	7931	7933	20180331025122.318	20180331025122.752
IMG (150)	7934	7936	20180331025122.967	20180331025123.400
IMG (150)	7936	7938	20180331025123.400	20180331025123.834
IMG (150)	7939	7941	20180331025124.049	20180331025124.478
IMG (150)	7958	7960	20180331025128.802	20180331025129.236
IMG (150)	7970	7972	20180331025131.396	20180331025131.830
IMG (150)	7976	7979	20180331025132.697	20180331025133.345
IMG (150)	7998	8000	20180331025138.103	20180331025138.533
IMG (150)	8034	8036	20180331025146.533	20180331025146.966
IMG (150)	8036	8038	20180331025146.966	20180331025147.396
IMG (150)	8040	8042	20180331025147.830	20180331025148.263
IMG (150)	8049	8051	20180331025149.775	20180331025150.209
IMG (150)	8087	8090	20180331025158.857	20180331025159.939
IMG (150)	8094	8096	20180331025200.802	20180331025201.236
IMG (150)	8098	8100	20180331025201.670	20180331025202.099
IMG (150)	8107	8109	20180331025203.615	20180331025204.048
IMG (150)	8109	8111	20180331025204.048	20180331025204.478
IMG (150)	8148	8150	20180331025213.127	20180331025213.560
IMG (150)	8151	8153	20180331025213.775	20180331025214.209
IMG (150)	8176	8178	20180331025219.830	20180331025220.263
IMG (150)	8178	8180	20180331025220.263	20180331025220.693
IMG (150)	8202	8204	20180331025226.099	20180331025226.533
IMG (150)	8207	8209	20180331025227.181	20180331025227.611
IMG (150)	8232	8234	20180331025233.236	20180331025233.666
IMG (150)	8245	8247	20180331025236.045	20180331025236.478
IMG (150)	8280	8282	20180331025244.263	20180331025244.693
IMG (150)	8316	8318	20180331025252.693	20180331025253.127
IMG (150)	8328	8330	20180331025255.939	20180331025256.369
IMG (150)	8331	8333	20180331025256.584	20180331025257.017
IMG (150)	8343	8345	20180331025259.181	20180331025259.611
IMG (150)	8346	8348	20180331025259.830	20180331025300.263
IMG (150)	8365	8367	20180331025304.587	20180331025305.017
IMG (150)	8375	8377	20180331025306.748	20180331025307.181
IMG (150)	8390	8393	20180331025309.990	20180331025310.857
IMG (150)	8427	8429	20180331025318.857	20180331025319.505
IMG (150)	8445	8447	20180331025323.181	20180331025323.611
IMG (150)	8448	8450	20180331025323.826	20180331025324.259
IMG (150)	8455	8457	20180331025325.341	20180331025325.775
IMG (150)	8470	8472	20180331025329.232	20180331025329.665
IMG (150)	8492	8494	20180331025333.990	20180331025334.638
IMG (150)	8496	8498	20180331025335.287	20180331025335.935
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APID	Seq from	Seq to	Time from	Time to
IMG (150)	8500	8502	20180331025336.369	20180331025336.798
IMG (150)	8515	8517	20180331025339.611	20180331025340.044
IMG (150)	8518	8520	20180331025340.259	20180331025340.693
IMG (150)	8542	8544	20180331025346.099	20180331025346.529
IMG (150)	8608	8610	20180331025401.665	20180331025402.099
IMG (150)	8613	8615	20180331025402.744	20180331025403.177
IMG (150)	8643	8645	20180331025409.880	20180331025410.314
IMG (150)	8663	8666	20180331025414.204	20180331025415.286
IMG (150)	8674	8676	20180331025417.232	20180331025417.665
IMG (150)	8688	8690	20180331025420.259	20180331025420.693
IMG (150)	8692	8694	20180331025421.122	20180331025421.556
IMG (150)	8734	8736	20180331025431.286	20180331025431.935
IMG (150)	8821	8823	20180331025451.607	20180331025452.040
IMG (150)	8872	8874	20180331025503.935	20180331025504.364
IMG (150)	8898	8900	20180331025509.556	20180331025509.986
IMG (150)	8917	8919	20180331025514.310	20180331025514.743
IMG (150)	8921	8923	20180331025515.177	20180331025515.611
IMG (150)	8925	8927	20180331025516.040	20180331025516.474
IMG (150)	8964	8966	20180331025525.122	20180331025525.556
IMG (150)	8988	8990	20180331025530.958	20180331025531.392
IMG (150)	8992	8994	20180331025531.825	20180331025532.255
IMG (150)	9019	9021	20180331025538.310	20180331025538.743
IMG (150)	9023	9025	20180331025539.173	20180331025539.607
IMG (150)	9027	9029	20180331025540.040	20180331025540.474
IMG (150)	9037	9039	20180331025542.200	20180331025542.853
IMG (150)	9075	9077	20180331025551.501	20180331025552.146
IMG (150)	9082	9084	20180331025553.228	20180331025553.661
IMG (150)	9140	9142	20180331025606.634	20180331025607.282
IMG (150)	9169	9171	20180331025613.337	20180331025613.767
IMG (150)	9202	9204	20180331025621.118	20180331025621.552
IMG (150)	9205	9207	20180331025621.771	20180331025622.200
IMG (150)	9215	9217	20180331025624.579	20180331025625.013
IMG (150)	9224	9226	20180331025626.524	20180331025626.958
IMG (150)	9246	9248	20180331025631.931	20180331025632.360
IMG (150)	9263	9265	20180331025635.606	20180331025636.040
IMG (150)	9369	9371	20180331025700.470	20180331025700.903
IMG (150)	9455	9457	20180331025721.013	20180331025721.446
IMG (150)	9474	9476	20180331025725.141	20180331025725.575
IMG (150)	9488	9490	20180331025728.833	20180331025729.263
IMG (150)	9495	9497	20180331025730.345	20180331025730.778
IMG (150)	9503	9505	20180331025732.075	20180331025732.505
IMG (150)	9516	9518	20180331025735.317	20180331025735.966
IMG (150)	9530	9532	20180331025738.559	20180331025738.993
IMG (150)	9546	9548	20180331025742.020	20180331025742.669
IMG (150)	9562	9564	20180331025746.130	20180331025746.559
IMG (150)	9564	9566	20180331025746.559	20180331025746.993
IMG (150)	9568	9570	20180331025747.427	20180331025747.856
IMG (150)	9575	9577	20180331025748.938	20180331025749.372
IMG (150)	9582	9584	20180331025750.669	20180331025751.317
IMG (150)	9598	9600	20180331025754.559	20180331025754.993
IMG (150)	9609	9612	20180331025756.938	20180331025757.587
IMG (150)	9612	9614	20180331025757.587	20180331025758.020
IMG (150)	9623	9625	20180331025800.614	20180331025801.048
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APID	Seq from	Seq to	Time from	Time to
IMG (150)	9630	9632	20180331025802.126	20180331025802.559
IMG (150)	9637	9639	20180331025803.641	20180331025804.071
IMG (150)	9678	9680	20180331025813.153	20180331025813.587
IMG (150)	9694	9696	20180331025817.262	20180331025817.696
IMG (150)	9705	9707	20180331025819.637	20180331025820.071
IMG (150)	9738	9741	20180331025827.423	20180331025828.071
IMG (150)	9753	9755	20180331025830.884	20180331025831.532
IMG (150)	9755	9757	20180331025831.532	20180331025832.180
IMG (150)	9758	9760	20180331025832.395	20180331025832.829
IMG (150)	9776	9778	20180331025836.290	20180331025836.719
IMG (150)	9780	9782	20180331025837.153	20180331025837.587
IMG (150)	9794	9796	20180331025840.829	20180331025841.262
IMG (150)	9798	9800	20180331025841.692	20180331025842.126
IMG (150)	9806	9808	20180331025843.423	20180331025843.856
IMG (150)	9814	9816	20180331025845.153	20180331025845.583
IMG (150)	9835	9837	20180331025850.341	20180331025850.774
IMG (150)	9838	9840	20180331025850.989	20180331025851.423
IMG (150)	9932	9934	20180331025913.258	20180331025913.692
IMG (150)	9945	9947	20180331025916.071	20180331025916.505
IMG (150)	9976	9978	20180331025923.422	20180331025923.856
IMG (150)	9982	9984	20180331025924.719	20180331025925.153
IMG (150)	10035	10037	20180331025937.477	20180331025937.907
IMG (150)	10043	10045	20180331025939.204	20180331025939.637
IMG (150)	10050	10052	20180331025940.719	20180331025941.153
IMG (150)	10082	10084	20180331025948.286	20180331025948.719
IMG (150)	10125	10128	20180331025958.231	20180331025959.313
IMG (150)	10145	10147	20180331030003.204	20180331030003.637
IMG (150)	10244	10246	20180331030026.555	20180331030026.989
IMG (150)	10254	10256	20180331030028.719	20180331030029.149
IMG (150)	10267	10269	20180331030032.176	20180331030032.610
IMG (150)	10289	10291	20180331030036.934	20180331030037.368
IMG (150)	10324	10326	20180331030045.149	20180331030045.582
IMG (150)	10341	10343	20180331030049.473	20180331030049.907
IMG (150)	10343	10345	20180331030049.907	20180331030050.340
IMG (150)	10359	10361	20180331030053.368	20180331030053.797
IMG (150)	10532	10534	20180331030134.012	20180331030134.660
IMG (150)	10536	10538	20180331030135.309	20180331030135.957
IMG (150)	10542	10544	20180331030136.825	20180331030137.254
IMG (150)	10552	10554	20180331030138.985	20180331030139.418
IMG (150)	10570	10572	20180331030143.309	20180331030143.957
IMG (150)	10643	10645	20180331030200.606	20180331030201.039
IMG (150)	10714	10716	20180331030217.254	20180331030217.688
IMG (150)	10720	10723	20180331030218.551	20180331030219.199
IMG (150)	10752	10754	20180331030226.117	20180331030226.551
IMG (150)	10764	10766	20180331030228.715	20180331030229.145
IMG (150)	10767	10770	20180331030229.363	20180331030230.012
IMG (150)	10779	10781	20180331030232.606	20180331030233.039
IMG (150)	10801	10803	20180331030237.363	20180331030237.793
IMG (150)	10814	10816	20180331030240.820	20180331030241.254
IMG (150)	10850	10852	20180331030249.254	20180331030249.688
IMG (150)	10869	10871	20180331030253.363	20180331030253.793
IMG (150)	10888	10890	20180331030258.117	20180331030258.551
IMG (150)	10907	10910	20180331030302.227	20180331030303.309

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
IMG (150)	10912	10914	20180331030303.957	20180331030304.391
IMG (150)	10919	10921	20180331030305.469	20180331030305.902
IMG (150)	10939	10941	20180331030309.793	20180331030310.227
IMG (150)	10946	10948	20180331030311.957	20180331030312.387
IMG (150)	10963	10965	20180331030315.633	20180331030316.063
IMG (150)	10986	10988	20180331030321.254	20180331030321.688
IMG (150)	10989	10991	20180331030321.902	20180331030322.332
IMG (150)	10998	11000	20180331030323.848	20180331030324.281
IMG (150)	11004	11006	20180331030325.145	20180331030325.578
IMG (150)	11025	11027	20180331030330.336	20180331030330.770
IMG (150)	11027	11029	20180331030330.770	20180331030331.199
IMG (150)	11031	11033	20180331030331.633	20180331030332.063
IMG (150)	11053	11055	20180331030337.035	20180331030337.469
IMG (150)	11059	11061	20180331030338.332	20180331030338.766
IMG (150)	11118	11120	20180331030352.387	20180331030352.820
IMG (150)	11124	11126	20180331030353.684	20180331030354.117
IMG (150)	11132	11134	20180331030355.414	20180331030355.848
IMG (150)	11137	11139	20180331030356.496	20180331030356.926
IMG (150)	11155	11157	20180331030401.035	20180331030401.469
IMG (150)	11177	11179	20180331030405.793	20180331030406.226
IMG (150)	11182	11184	20180331030407.305	20180331030407.953
IMG (150)	11187	11190	20180331030408.601	20180331030409.250
IMG (150)	11196	11198	20180331030410.551	20180331030410.980
IMG (150)	11206	11208	20180331030412.711	20180331030413.144
IMG (150)	11219	11221	20180331030416.172	20180331030416.601
IMG (150)	11264	11266	20180331030426.547	20180331030426.980
IMG (150)	11306	11308	20180331030436.277	20180331030436.711
IMG (150)	11314	11316	20180331030438.008	20180331030438.656
IMG (150)	11329	11331	20180331030441.898	20180331030442.332
IMG (150)	11332	11334	20180331030442.547	20180331030442.980
IMG (150)	11341	11343	20180331030444.492	20180331030444.926
IMG (150)	11344	11346	20180331030445.144	20180331030445.574
IMG (150)	11349	11352	20180331030446.222	20180331030447.305
IMG (150)	11356	11358	20180331030448.387	20180331030448.816
IMG (150)	11360	11363	20180331030449.250	20180331030449.898
IMG (150)	11379	11381	20180331030453.359	20180331030453.793
IMG (150)	11383	11385	20180331030454.222	20180331030454.871
IMG (150)	11396	11398	20180331030457.683	20180331030458.117
IMG (150)	11403	11405	20180331030459.195	20180331030459.629
IMG (150)	11407	11409	20180331030500.058	20180331030500.492
IMG (150)	11409	11411	20180331030500.492	20180331030500.926
IMG (150)	11426	11428	20180331030504.816	20180331030505.250
IMG (150)	11432	11434	20180331030506.113	20180331030506.547
IMG (150)	11435	11437	20180331030506.765	20180331030507.195
IMG (150)	11441	11443	20180331030508.062	20180331030508.492
IMG (150)	11448	11450	20180331030509.574	20180331030510.008
IMG (150)	11469	11471	20180331030514.765	20180331030515.195
VER (160)	13392	13394	20180331024054.230	20180331024054.230
VER (160)	13398	13400	20180331024102.226	20180331024102.226
VER (160)	13405	13407	20180331024110.230	20180331024118.226
VER (160)	13407	13410	20180331024118.226	20180331024118.226
VER (160)	13412	13415	20180331024126.226	20180331024126.226
VER (160)	13420	13423	20180331024134.226	20180331024142.226
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
VER (160)	13423	13425	20180331024142.226	20180331024142.226
VER (160)	13425	13427	20180331024142.226	20180331024150.226
VER (160)	13431	13435	20180331024158.226	20180331024158.226
VER (160)	13435	13437	20180331024158.226	20180331024206.226
VER (160)	13437	13439	20180331024206.226	20180331024206.226
VER (160)	13448	13450	20180331024222.226	20180331024222.226
VER (160)	13450	13454	20180331024222.226	20180331024230.226
VER (160)	13455	13458	20180331024230.226	20180331024238.226
VER (160)	13465	13468	20180331024246.226	20180331024254.226
VER (160)	13468	13470	20180331024254.226	20180331024254.226
VER (160)	13470	13474	20180331024254.226	20180331024302.226
VER (160)	13475	13477	20180331024302.226	20180331024310.226
VER (160)	13477	13480	20180331024310.226	20180331024310.226
VER (160)	13487	13490	20180331024326.222	20180331024326.222
VER (160)	13490	13492	20180331024326.222	20180331024334.225
VER (160)	13493	13495	20180331024334.225	20180331024334.225
VER (160)	13495	13501	20180331024334.225	20180331024350.222
VER (160)	13502	13504	20180331024350.222	20180331024350.222
VER (160)	13505	13512	20180331024350.222	20180331024406.221
VER (160)	13513	13515	20180331024406.221	20180331024406.221
VER (160)	13515	13517	20180331024406.221	20180331024414.221
VER (160)	13528	13530	20180331024430.221	20180331024430.221
VER (160)	13530	13532	20180331024430.221	20180331024438.221
VER (160)	13540	13545	20180331024446.221	20180331024454.221
VER (160)	13546	13548	20180331024502.221	20180331024502.221
VER (160)	13548	13550	20180331024502.221	20180331024502.221
VER (160)	13550	13554	20180331024502.221	20180331024510.221
VER (160)	13559	13561	20180331024518.221	20180331024526.221
VER (160)	13561	13563	20180331024526.221	20180331024526.221
VER (160)	13566	13568	20180331024534.217	20180331024534.217
VER (160)	13568	13571	20180331024534.217	20180331024542.221
VER (160)	13572	13574	20180331024542.221	20180331024542.221
VER (160)	13576	13578	20180331024550.217	20180331024550.217
VER (160)	13580	13582	20180331024550.217	20180331024558.221
VER (160)	13587	13590	20180331024606.217	20180331024606.217
VER (160)	13590	13592	20180331024606.217	20180331024614.217
VER (160)	13592	13594	20180331024614.217	20180331024614.217
VER (160)	13595	13597	20180331024614.217	20180331024622.217
VER (160)	13600	13603	20180331024622.217	20180331024630.217
VER (160)	13605	13607	20180331024630.217	20180331024638.217
VER (160)	13608	13610	20180331024638.217	20180331024638.217
VER (160)	13610	13612	20180331024638.217	20180331024646.217
VER (160)	13618	13620	20180331024654.217	20180331024654.217
VER (160)	13625	13628	20180331024702.217	20180331024710.217
VER (160)	13638	13640	20180331024726.217	20180331024726.217
VER (160)	13643	13645	20180331024734.217	20180331024734.217
VER (160)	13646	13648	20180331024742.217	20180331024742.217
VER (160)	13648	13650	20180331024742.217	20180331024742.217
VER (160)	13651	13654	20180331024750.217	20180331024750.217
VER (160)	13656	13658	20180331024758.217	20180331024758.217
VER (160)	13661	13667	20180331024806.217	20180331024814.217
VER (160)	13668	13670	20180331024814.217	20180331024814.217
VER (160)	13670	13672	20180331024814.217	20180331024822.217

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APID	Seq from	Seq to	Time from	Time to
VER (160)	13672	13674	20180331024822.217	20180331024822.217
VER (160)	13680	13682	20180331024830.213	20180331024838.213
VER (160)	13687	13689	20180331024846.213	20180331024846.213
VER (160)	13690	13692	20180331024846.213	20180331024854.213
VER (160)	13700	13705	20180331024902.213	20180331024910.213
VER (160)	13706	13708	20180331024918.213	20180331024918.213
VER (160)	13711	13713	20180331024926.213	20180331024926.213
VER (160)	13713	13716	20180331024926.213	20180331024934.213
VER (160)	13720	13722	20180331024934.213	20180331024942.213
VER (160)	13726	13728	20180331024950.213	20180331024950.213
VER (160)	13728	13730	20180331024950.213	20180331024950.213
VER (160)	13730	13732	20180331024950.213	20180331024958.213
VER (160)	13747	13749	20180331025022.213	20180331025022.213
VER (160)	13749	13751	20180331025022.213	20180331025030.213
VER (160)	13751	13754	20180331025030.213	20180331025030.213
VER (160)	13758	13760	20180331025038.209	20180331025038.209
VER (160)	13760	13762	20180331025038.209	20180331025046.213
VER (160)	13762	13764	20180331025046.213	20180331025046.213
VER (160)	13766	13769	20180331025054.209	20180331025054.209
VER (160)	13771	13773	20180331025102.209	20180331025102.209
VER (160)	13776	13778	20180331025110.209	20180331025110.209
VER (160)	13780	13782	20180331025110.209	20180331025118.209
VER (160)	13782	13784	20180331025118.209	20180331025118.209
VER (160)	13785	13787	20180331025118.209	20180331025126.209
VER (160)	13790	13792	20180331025126.209	20180331025134.209
VER (160)	13802	13804	20180331025150.209	20180331025150.209
VER (160)	13805	13808	20180331025150.209	20180331025158.209
VER (160)	13816	13818	20180331025214.209	20180331025214.209
VER (160)	13827	13829	20180331025230.209	20180331025230.209
VER (160)	13829	13831	20180331025230.209	20180331025238.209
VER (160)	13832	13834	20180331025238.209	20180331025238.209
VER (160)	13838	13840	20180331025246.209	20180331025246.209
VER (160)	13841	13844	20180331025254.209	20180331025254.209
VER (160)	13846	13850	20180331025302.205	20180331025302.205
VER (160)	13850	13852	20180331025302.205	20180331025310.208
VER (160)	13852	13854	20180331025310.208	20180331025310.208
VER (160)	13854	13856	20180331025310.208	20180331025318.205
VER (160)	13856	13862	20180331025318.205	20180331025326.205
VER (160)	13866	13869	20180331025334.205	20180331025334.205
VER (160)	13872	13874	20180331025342.205	20180331025342.205
VER (160)	13883	13885	20180331025358.204	20180331025358.204
VER (160)	13893	13895	20180331025414.204	20180331025414.204
VER (160)	13895	13897	20180331025414.204	20180331025422.204
VER (160)	13897	13899	20180331025422.204	20180331025422.204
VER (160)	13901	13903	20180331025430.204	20180331025430.204
VER (160)	13904	13906	20180331025430.204	20180331025438.204
VER (160)	13926	13928	20180331025510.204	20180331025510.204
VER (160)	13932	13934	20180331025518.204	20180331025518.204
VER (160)	13935	13937	20180331025518.204	20180331025526.200
VER (160)	13946	13948	20180331025542.200	20180331025542.200
VER (160)	13950	13952	20180331025542.200	20180331025550.204
VER (160)	13967	13969	20180331025614.200	20180331025614.200
VER (160)	13971	13973	20180331025622.200	20180331025622.200

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APID	Seq from	Seq to	Time from	Time to
VER (160)	13973	13975	20180331025622.200	20180331025622.200
VER (160)	13976	13978	20180331025630.200	20180331025630.200
VER (160)	13978	13980	20180331025630.200	20180331025630.200
VER (160)	13995	13997	20180331025654.200	20180331025702.200
VER (160)	13998	14000	20180331025702.200	20180331025702.200
VER (160)	14000	14003	20180331025702.200	20180331025710.200
VER (160)	14018	14020	20180331025734.235	20180331025734.235
VER (160)	14022	14024	20180331025742.235	20180331025742.235
VER (160)	14025	14028	20180331025742.235	20180331025750.235
VER (160)	14032	14035	20180331025758.235	20180331025758.235
VER (160)	14036	14038	20180331025806.235	20180331025806.235
VER (160)	14041	14043	20180331025814.235	20180331025814.235
VER (160)	14046	14048	20180331025822.235	20180331025822.235
VER (160)	14052	14054	20180331025830.235	20180331025830.235
VER (160)	14055	14057	20180331025830.235	20180331025838.235
VER (160)	14062	14064	20180331025846.235	20180331025846.235
VER (160)	14066	14068	20180331025854.231	20180331025854.231
VER (160)	14083	14085	20180331025918.235	20180331025918.235
VER (160)	14087	14089	20180331025926.231	20180331025926.231
VER (160)	14097	14099	20180331025942.231	20180331025942.231
VER (160)	14106	14108	20180331025958.231	20180331025958.231
VER (160)	14115	14117	20180331030006.231	20180331030014.231
VER (160)	14117	14119	20180331030014.231	20180331030014.231
VER (160)	14122	14125	20180331030022.231	20180331030022.231
VER (160)	14125	14127	20180331030022.231	20180331030030.231
VER (160)	14128	14130	20180331030030.231	20180331030030.231
VER (160)	14133	14135	20180331030038.231	20180331030038.231
VER (160)	14137	14139	20180331030046.231	20180331030046.231
VER (160)	14160	14162	20180331030118.227	20180331030126.231
VER (160)	14170	14173	20180331030134.231	20180331030142.231
VER (160)	14176	14178	20180331030150.227	20180331030150.227
VER (160)	14178	14180	20180331030150.227	20180331030150.227
VER (160)	14186	14188	20180331030206.227	20180331030206.227
VER (160)	14191	14194	20180331030214.227	20180331030214.227
VER (160)	14202	14204	20180331030230.227	20180331030230.227
VER (160)	14205	14207	20180331030230.227	20180331030238.227
VER (160)	14208	14210	20180331030238.227	20180331030238.227
VER (160)	14211	14213	20180331030246.227	20180331030246.227
VER (160)	14225	14228	20180331030302.227	20180331030310.227
VER (160)	14233	14235	20180331030318.227	20180331030318.227
VER (160)	14235	14240	20180331030318.227	20180331030326.227
VER (160)	14255	14260	20180331030350.227	20180331030358.227
VER (160)	14260	14262	20180331030358.227	20180331030406.226
VER (160)	14266	14269	20180331030414.223	20180331030414.223
VER (160)	14277	14279	20180331030430.223	20180331030430.223
VER (160)	14281	14283	20180331030438.223	20180331030438.223
VER (160)	14283	14285	20180331030438.223	20180331030438.223
VER (160)	14285	14287	20180331030438.223	20180331030446.222
VER (160)	14287	14289	20180331030446.222	20180331030446.222
VER (160)	14290	14293	20180331030446.222	20180331030454.222
VER (160)	14295	14298	20180331030454.222	20180331030502.222
VER (160)	14298	14300	20180331030502.222	20180331030502.222
VER (160)	14303	14305	20180331030510.222	20180331030510.222

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APID	Seq from	Seq to	Time from	Time to
VER (160)	14306	14309	20180331030518.222	20180331030518.222
AUX (180)	12529	12531	20180331024350.655	20180331024406.655
AUX (180)	12593	12595	20180331025222.642	20180331025238.642
AUX (180)	12598	12600	20180331025302.638	20180331025318.638

Table 2: L0 data gaps

3 Instrument modes

Time	Transition from	Transition to
31/03/2018 00:00:05	-	Normal operation

Table 3: Instrument modes

4 L0 and L1 Data Quality

Flag	Value	Action
L0 IASI PDUs	481	-
L1 ENG PDUs	480	-
L1 ENG distinct GEPSGranule	481	-
GQisFlagQual set (PX1)	99.41 %	-
GQisFlagQual set (PX2)	99.37 %	-
GQisFlagQual set (PX3)	99.37 %	-
GQisFlagQual set (PX4)	99.39 %	-
GQisFlagQual set (all)	99.39 %	-

Table 4: Quality flags

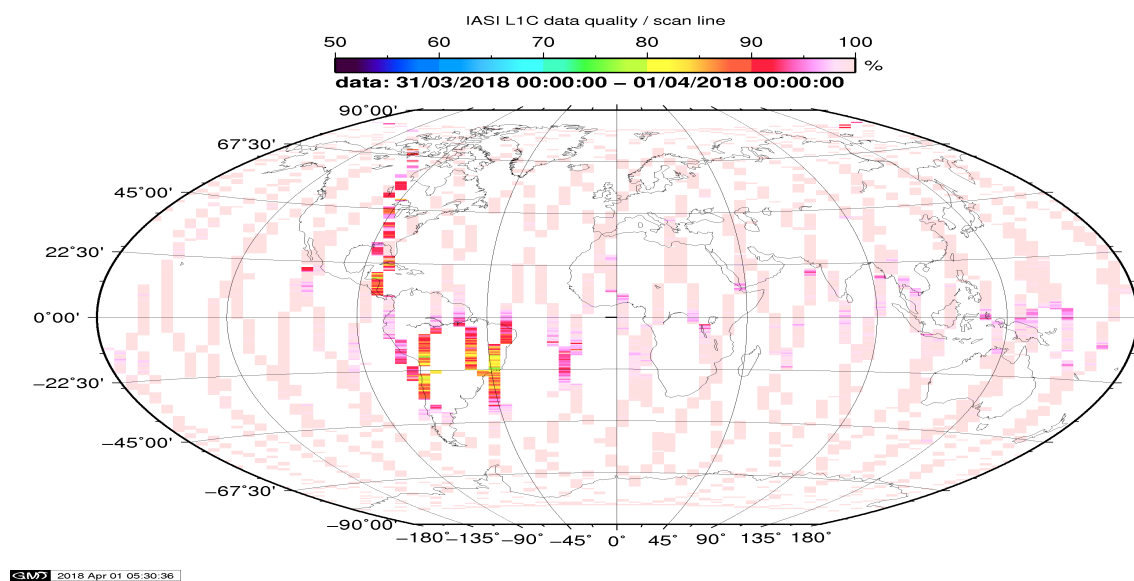


Figure 1: L1C data quality

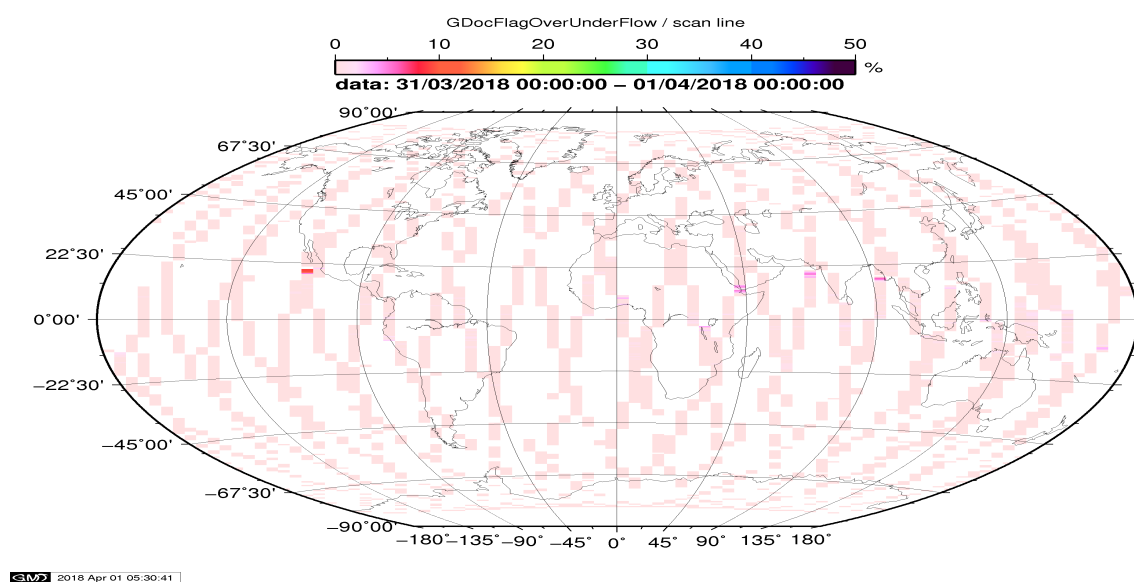


Figure 2: Flag of Over and Under Flows

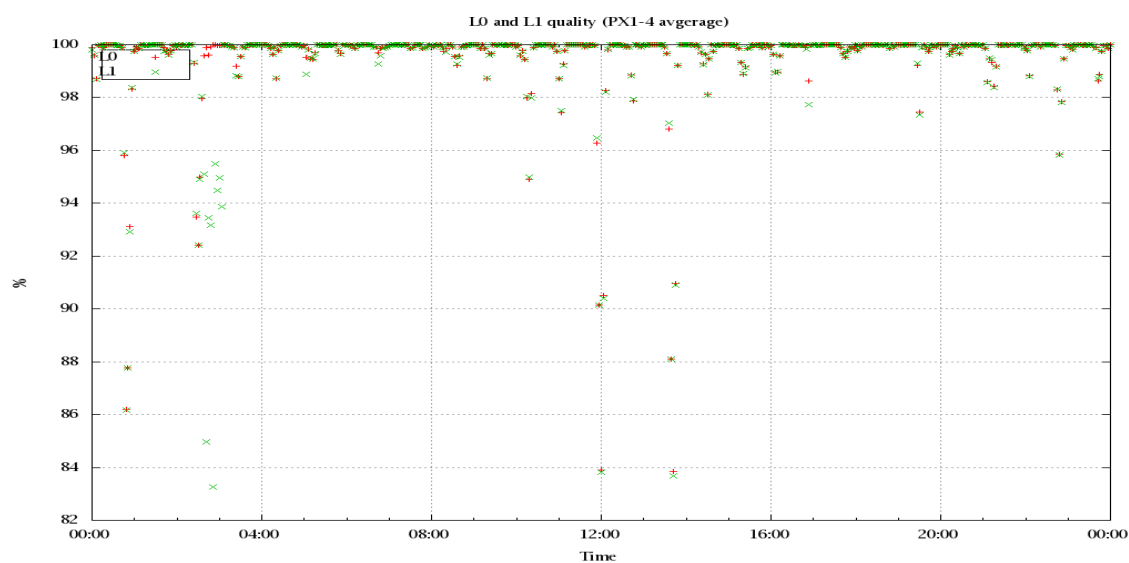


Figure 3: Level 0 and 1C overall quality

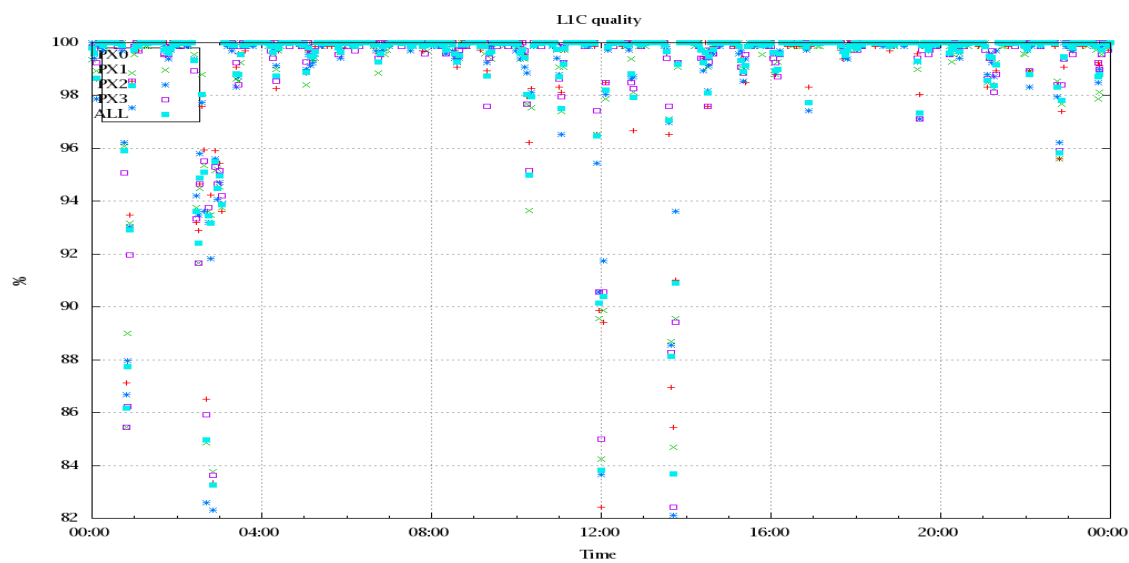


Figure 4: Level 1C quality

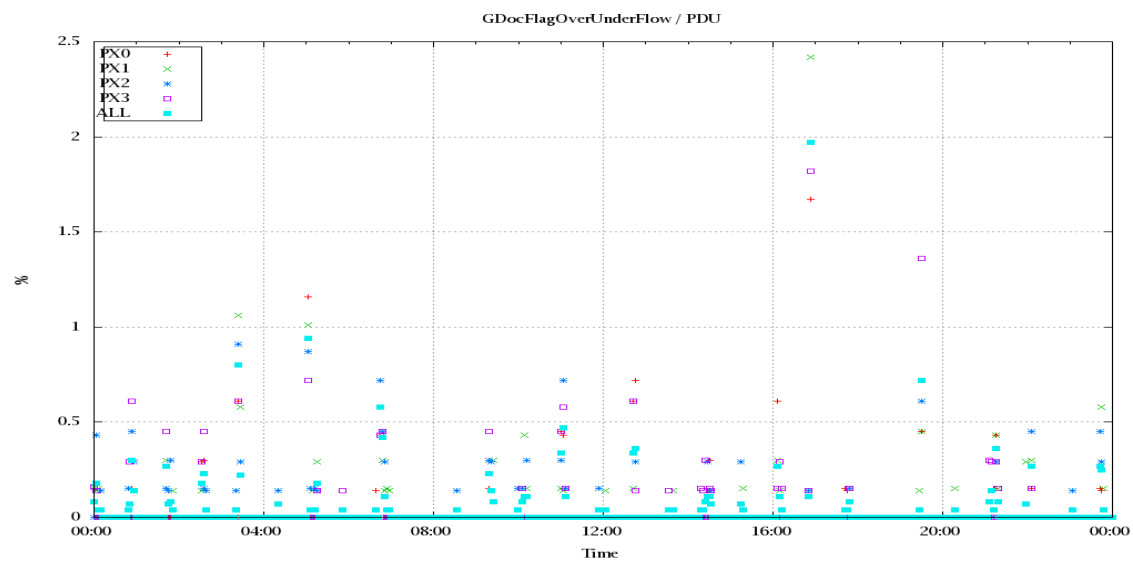


Figure 5: OverUnderFlowFlag timeseries

5 Radiance monitoring based on NWP

The radiance monitoring compares the IASI measurements (L1C-eps-products) obtained under clear sky situation over sea with modeled radiances. Cloud identification is based on cloud flag of co-located AVHRR L1B data in addition to information from the IASI L1C clustering analysis here only homogenous situations are taken into account (99.0 percent in first class). A radiative transfer model (RTM) is feed with co-located ECMWF profiles of T,WV, and Ozon. Between March 2007 and the 18th of May 2010 RTIASI in Version 4.0 is used. After that date the RTTOV model in V9.3 is used. Information about the SST is obtained from the AVHRR L1B or taken from AVHRR scenes analysis (CGS only). In the following figures 10 to 16 the so-called radiance anomaly is shown. The radiance anomaly is defined as the difference between the quarter daily radiance average OBS-CAL (over all pixel and scan position 10 to 20) and the average bias OBS-CAL (over all pixel and scan position 10 to 20) of the last 30 days.

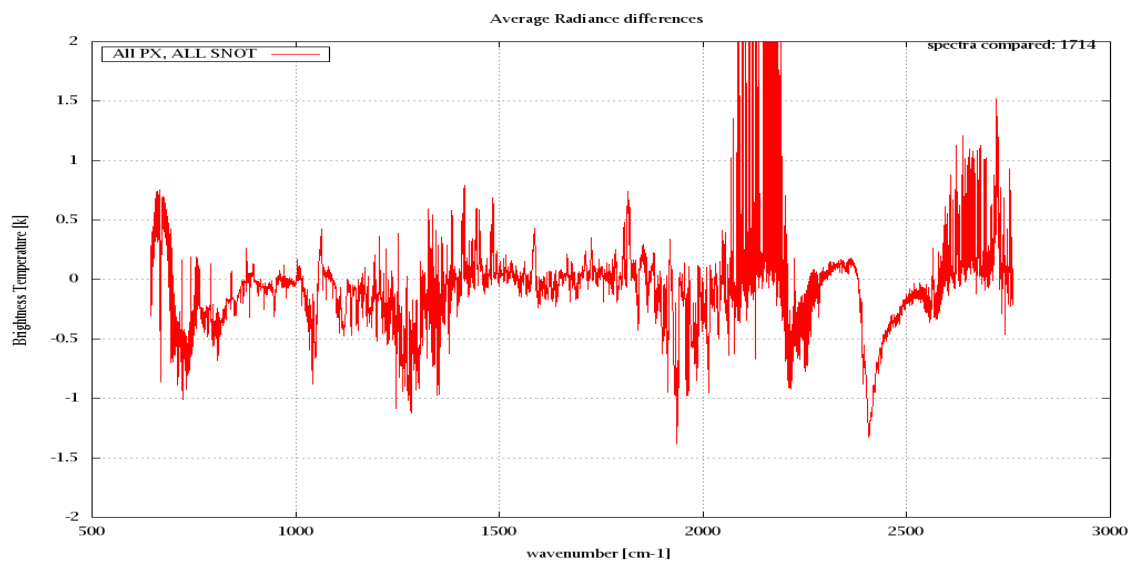


Figure 6: Average Radiance differences: OBS-CAL

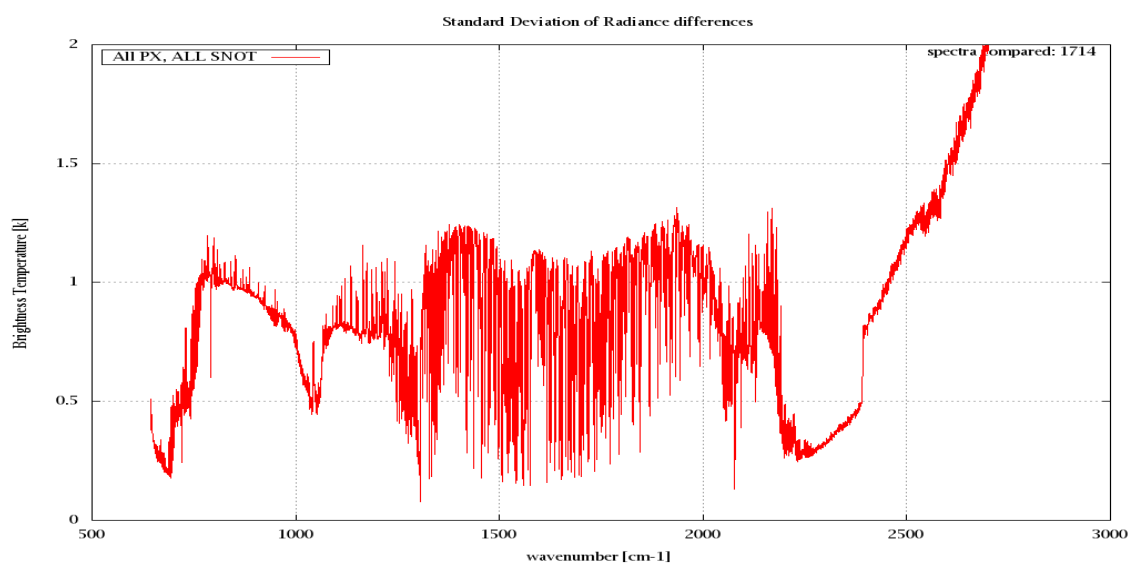


Figure 7: Standard Deviation of Radiance differences

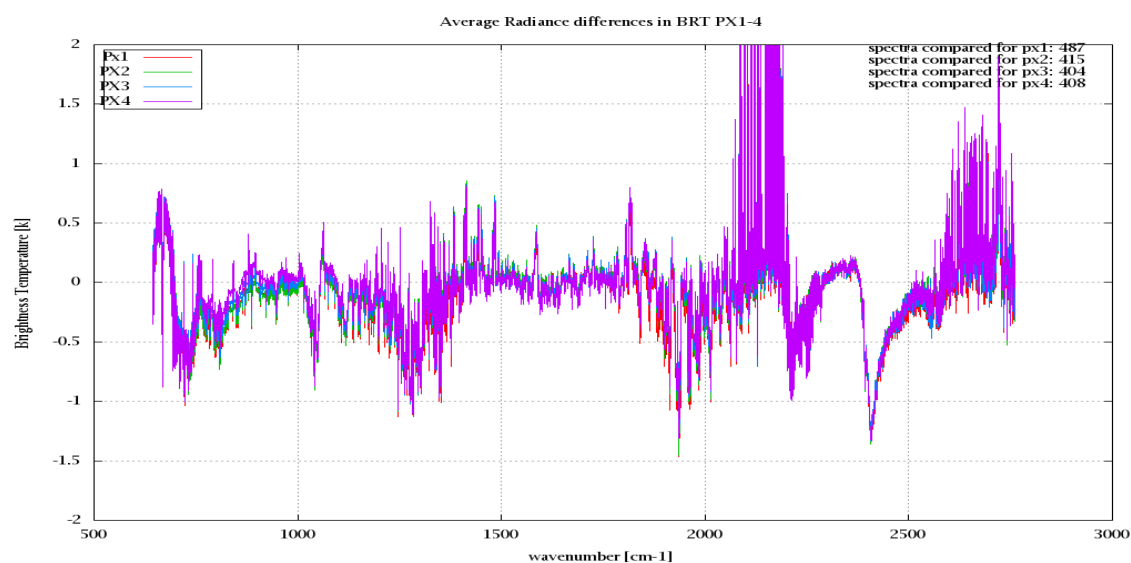


Figure 8: Average Radiance differences: OBS-CAL

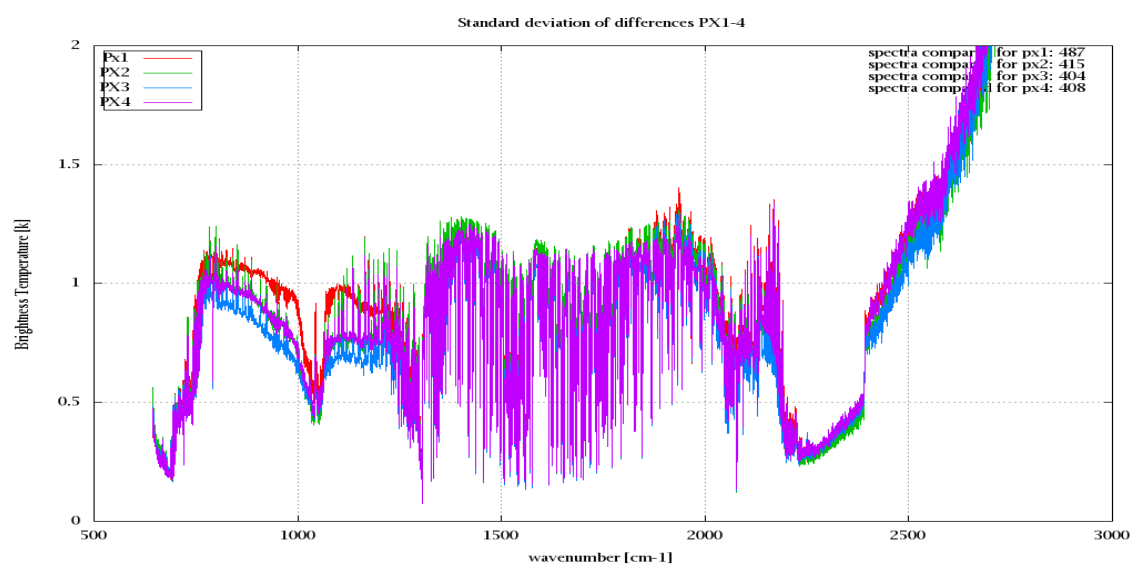


Figure 9: Standard Deviation of Radiance differences

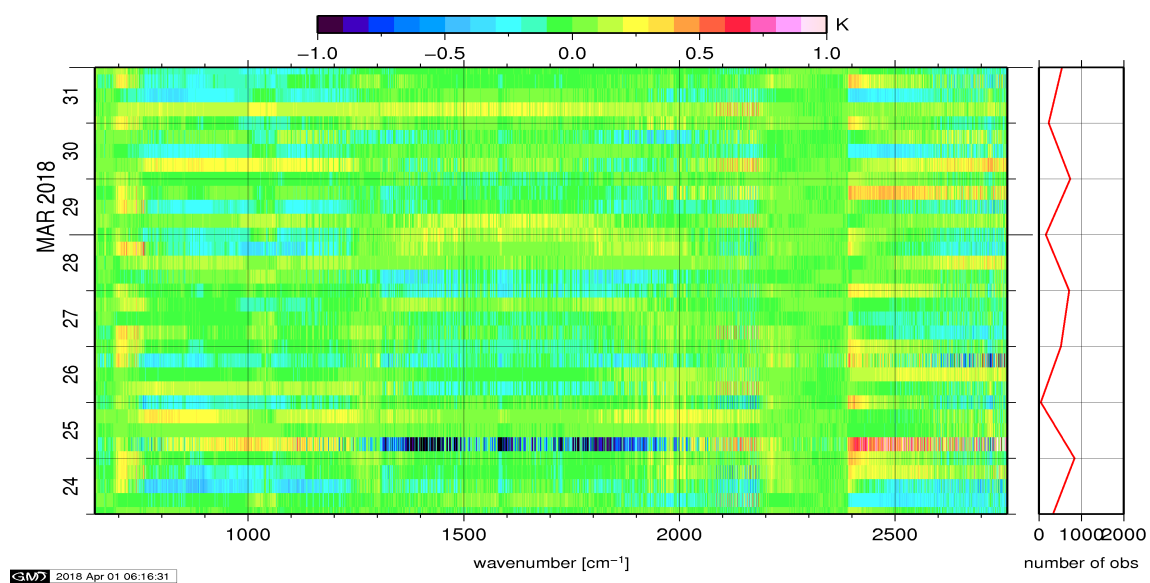


Figure 10: Radiance Anomaly in BRT: All Channels

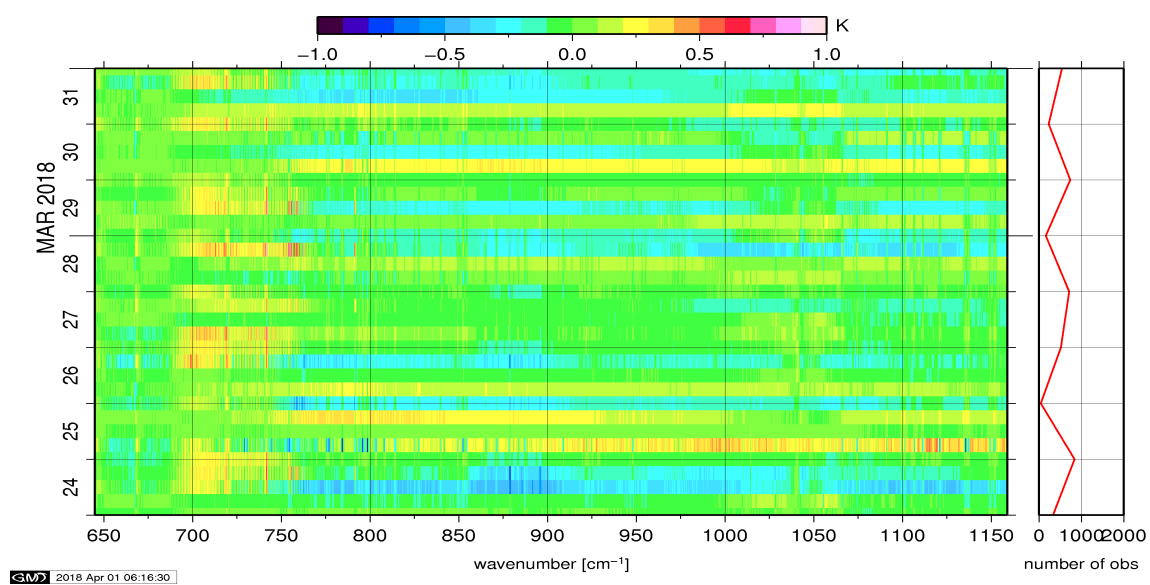


Figure 11: Radiance Anomaly in BRT: IASI Band 1

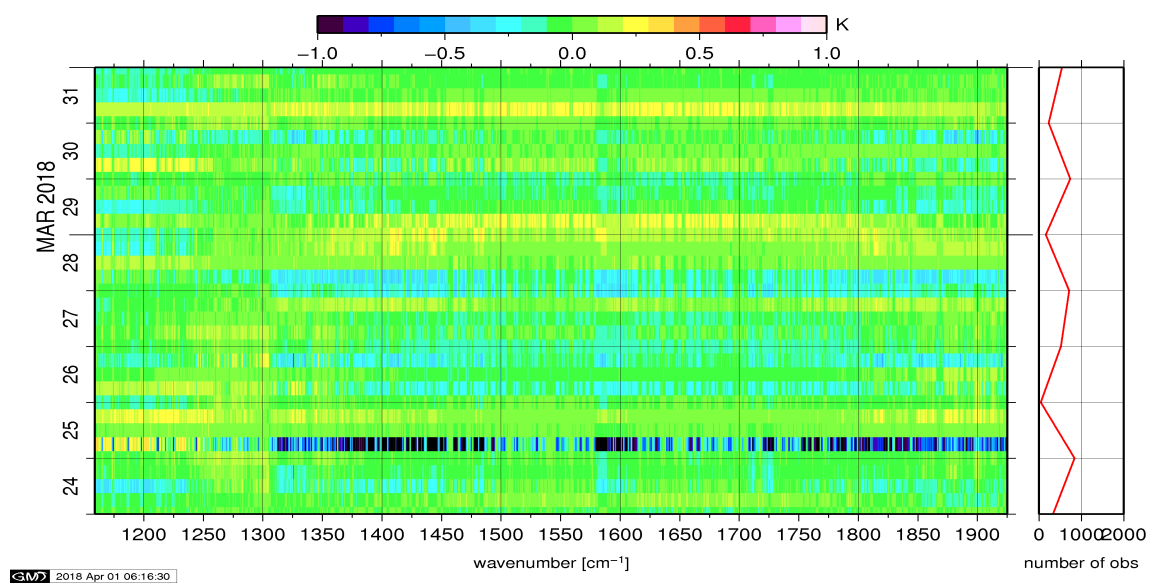


Figure 12: Radiance Anomaly in BRT: IASI Band 2

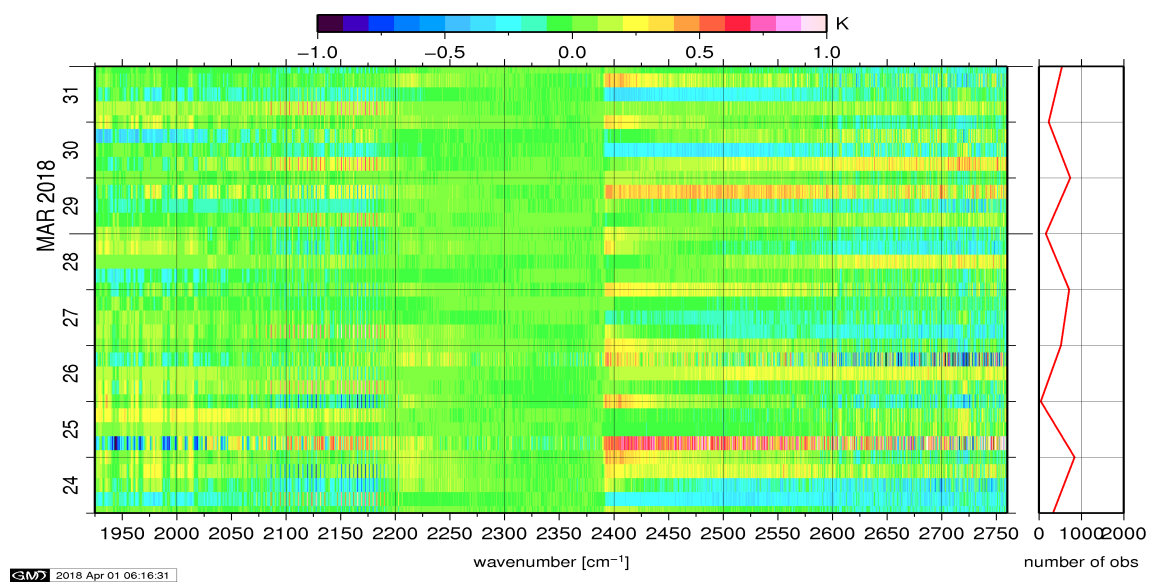


Figure 13: Radiance Anomaly in BRT: IASI Band 3

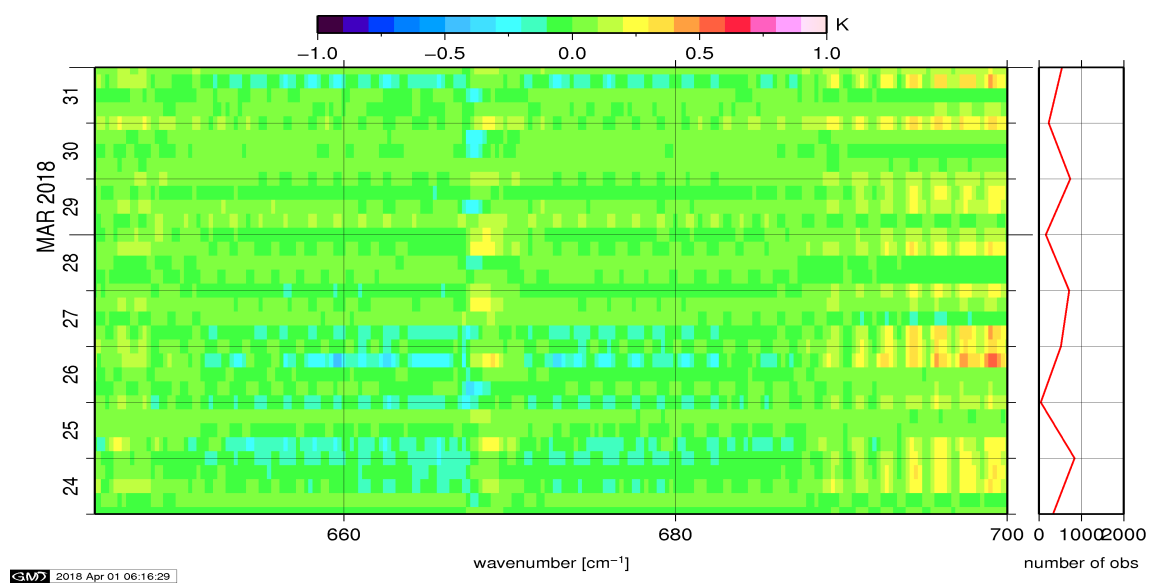


Figure 14: Radiance Anomaly in BRT: CO2 14

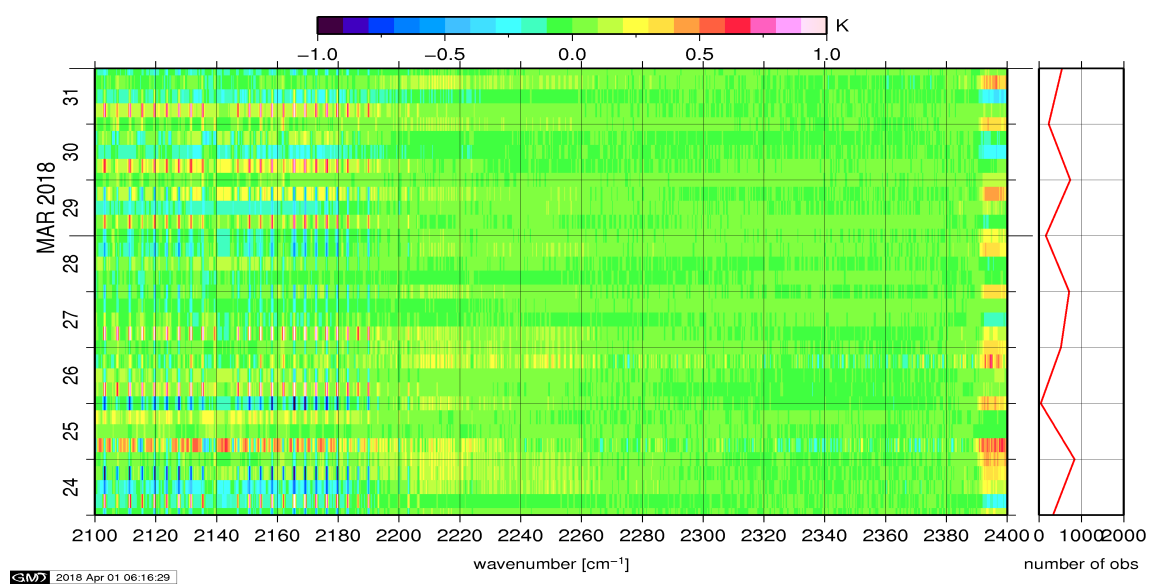


Figure 15: Radiance Anomaly in BRT: CO2 4.3

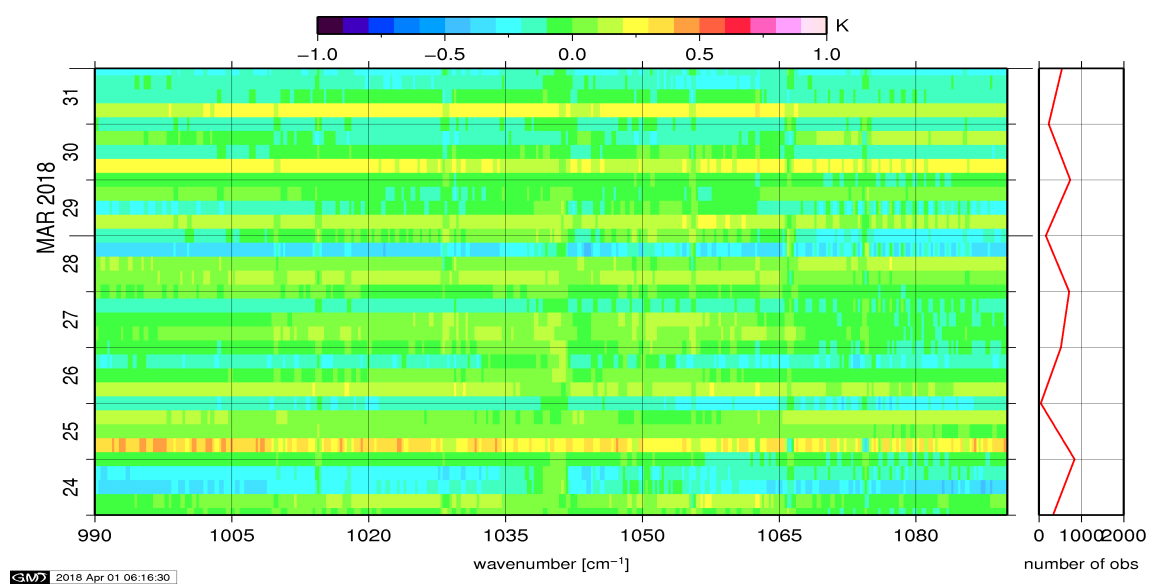


Figure 16: Radiance Anomaly in BRT: O3

6 IASI-HIRS radiance comparison Channel 1-19

The radiance comparison of IASI and HIRS/4 on-board MetOp is performed on all pixel with distances smaller than 3 km between IASI and HIRS. All sky conditions are covered. The radiance differences IASI - HIRS are given in brightness temperatures at 280K reference temperature. All conditions (clear, cloudy, day and night) are given in red in the following figures. The clear sky conditions at night are given in green and the clear sky cases during daylight are displayed in blue.

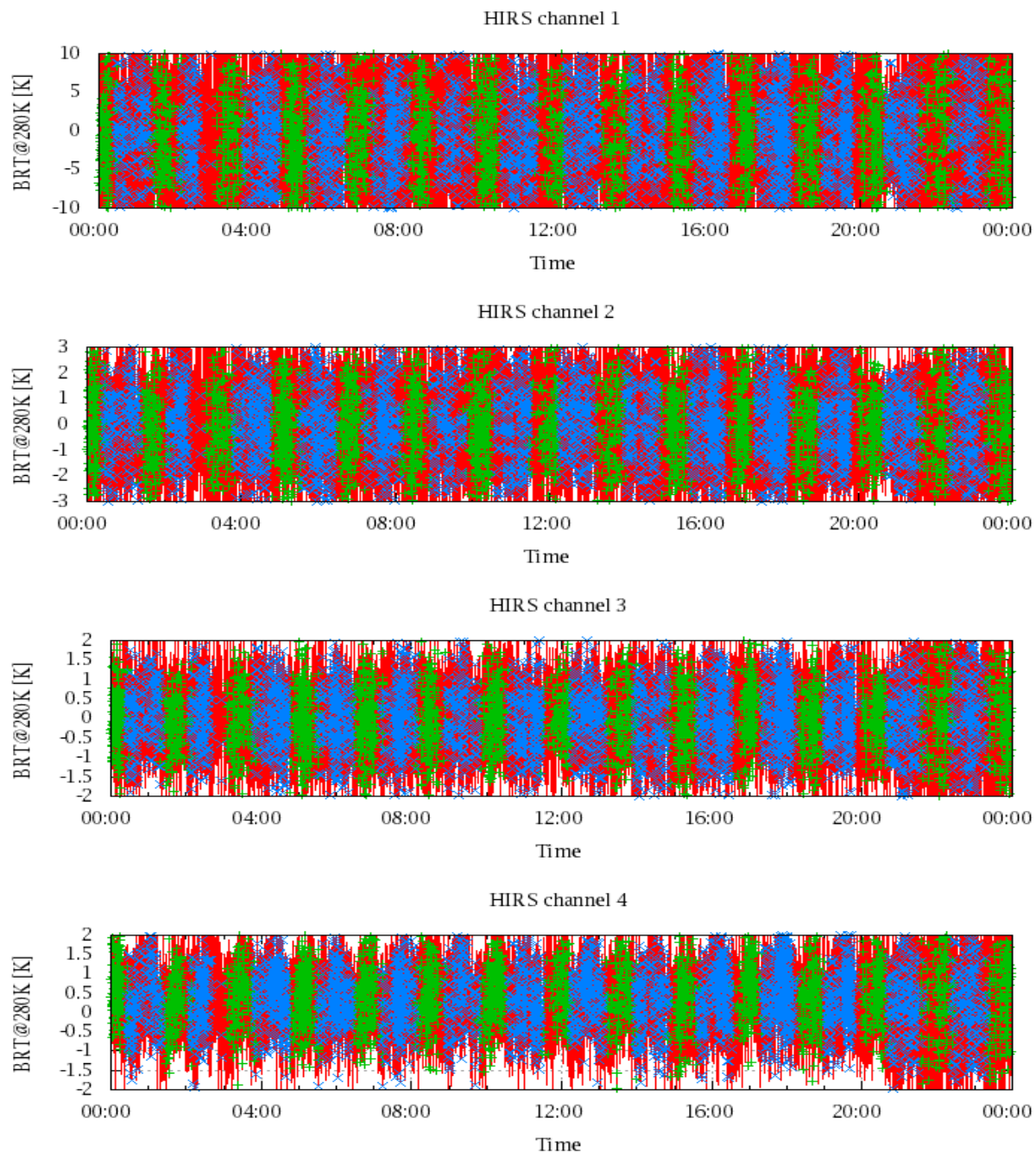


Figure 17: Radiance Differences in BRT

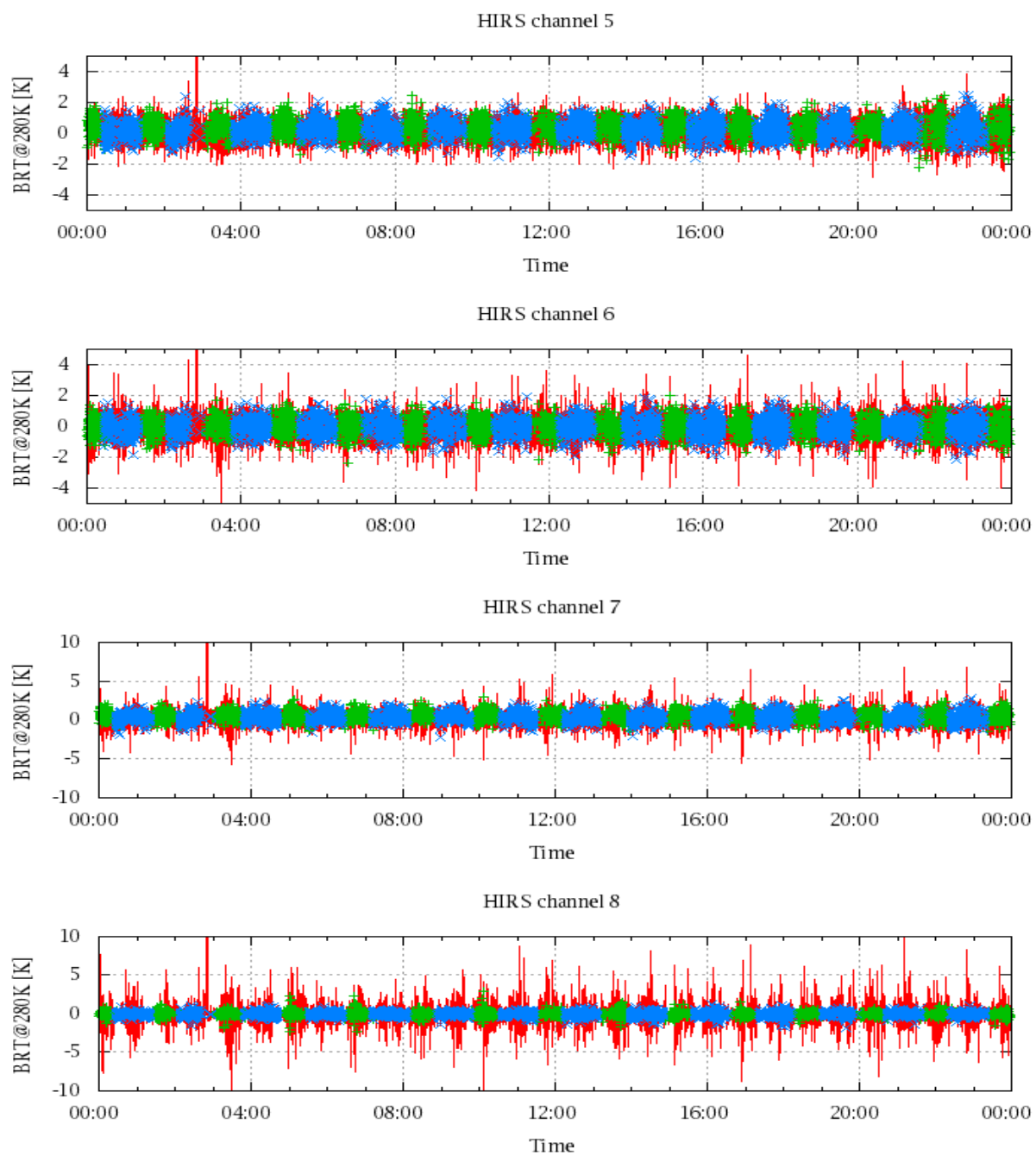


Figure 18: Radiance Differences in BRT

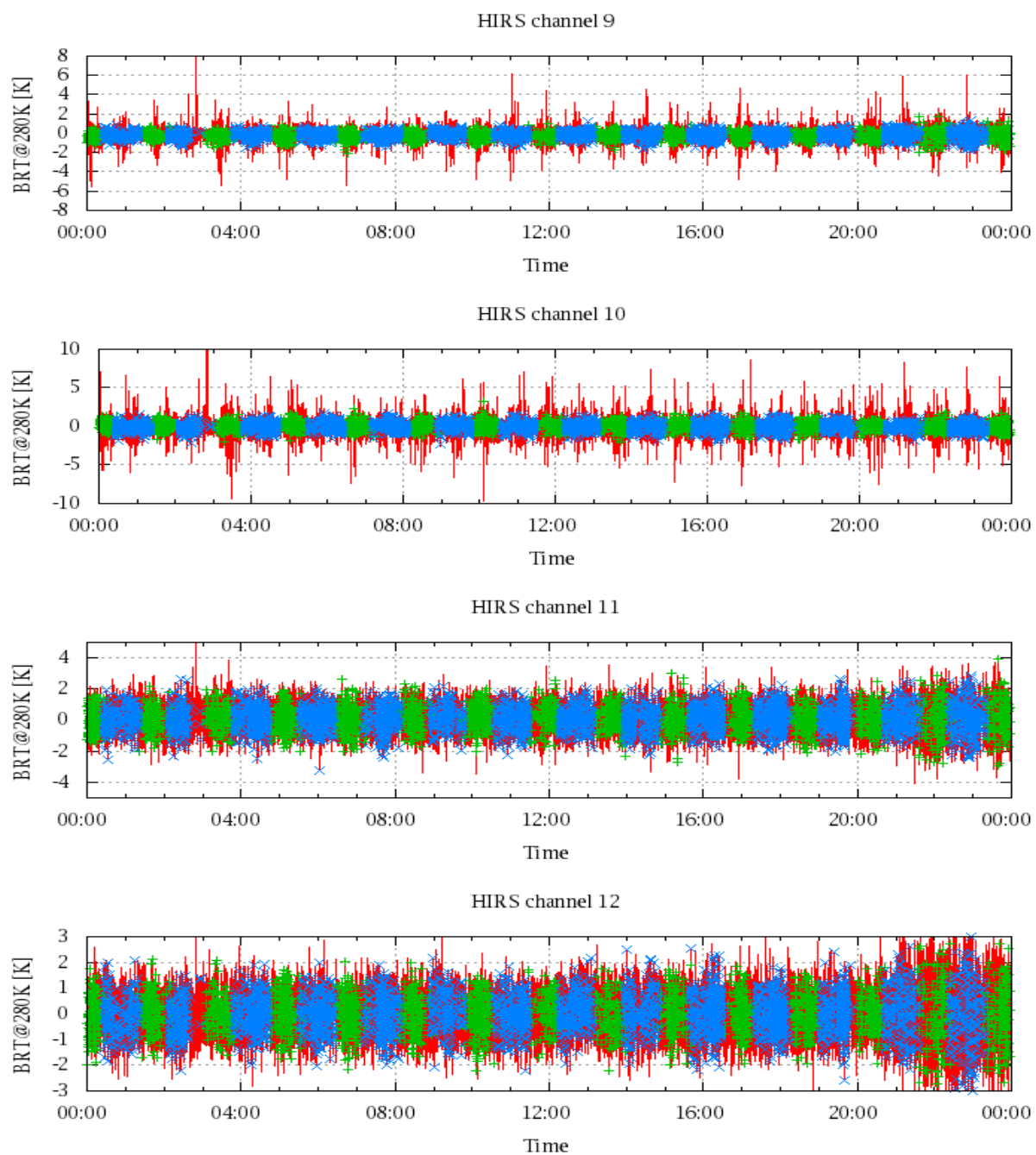


Figure 19: Radiance Differences in BRT

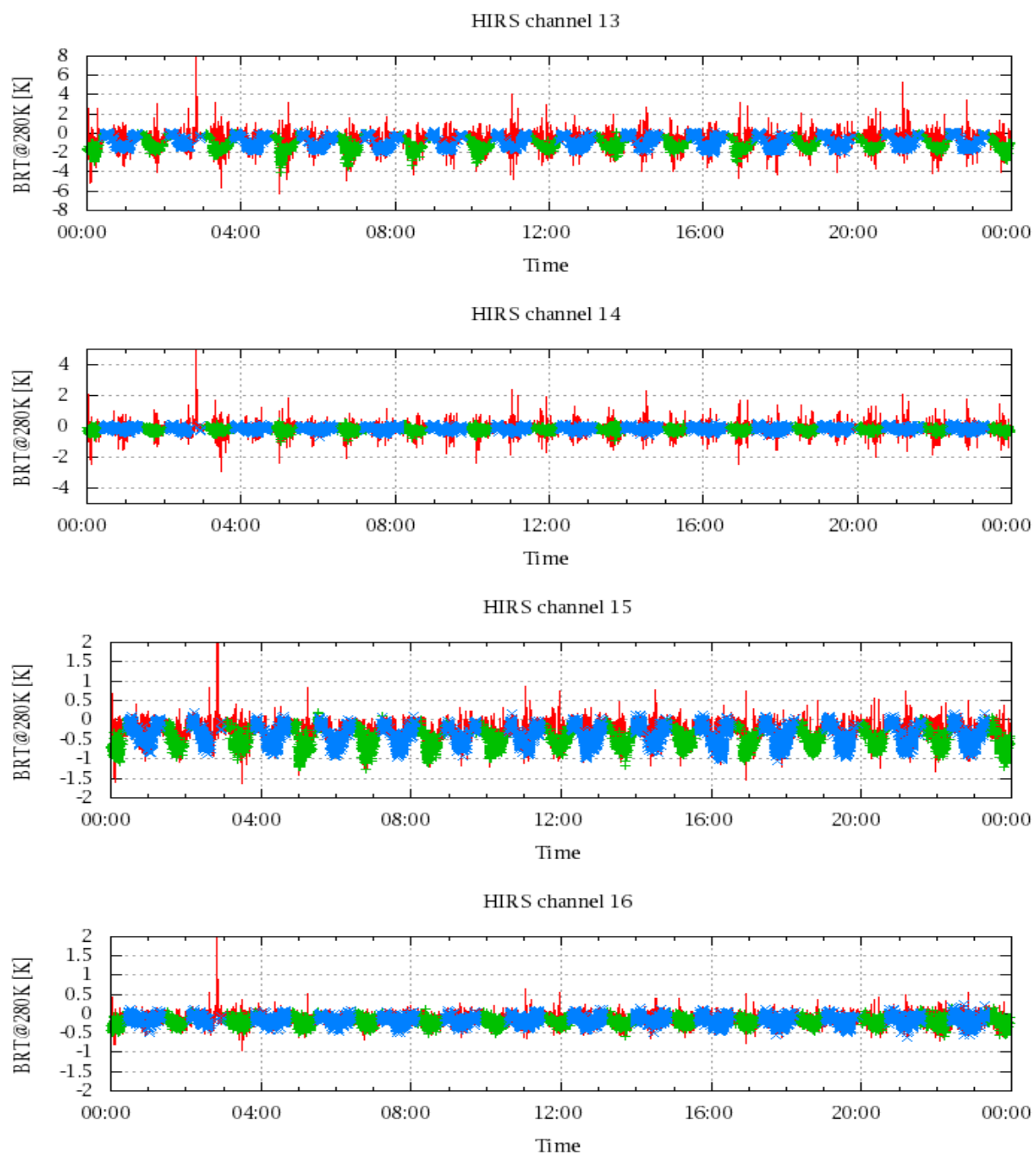


Figure 20: Radiance Differences in BRT

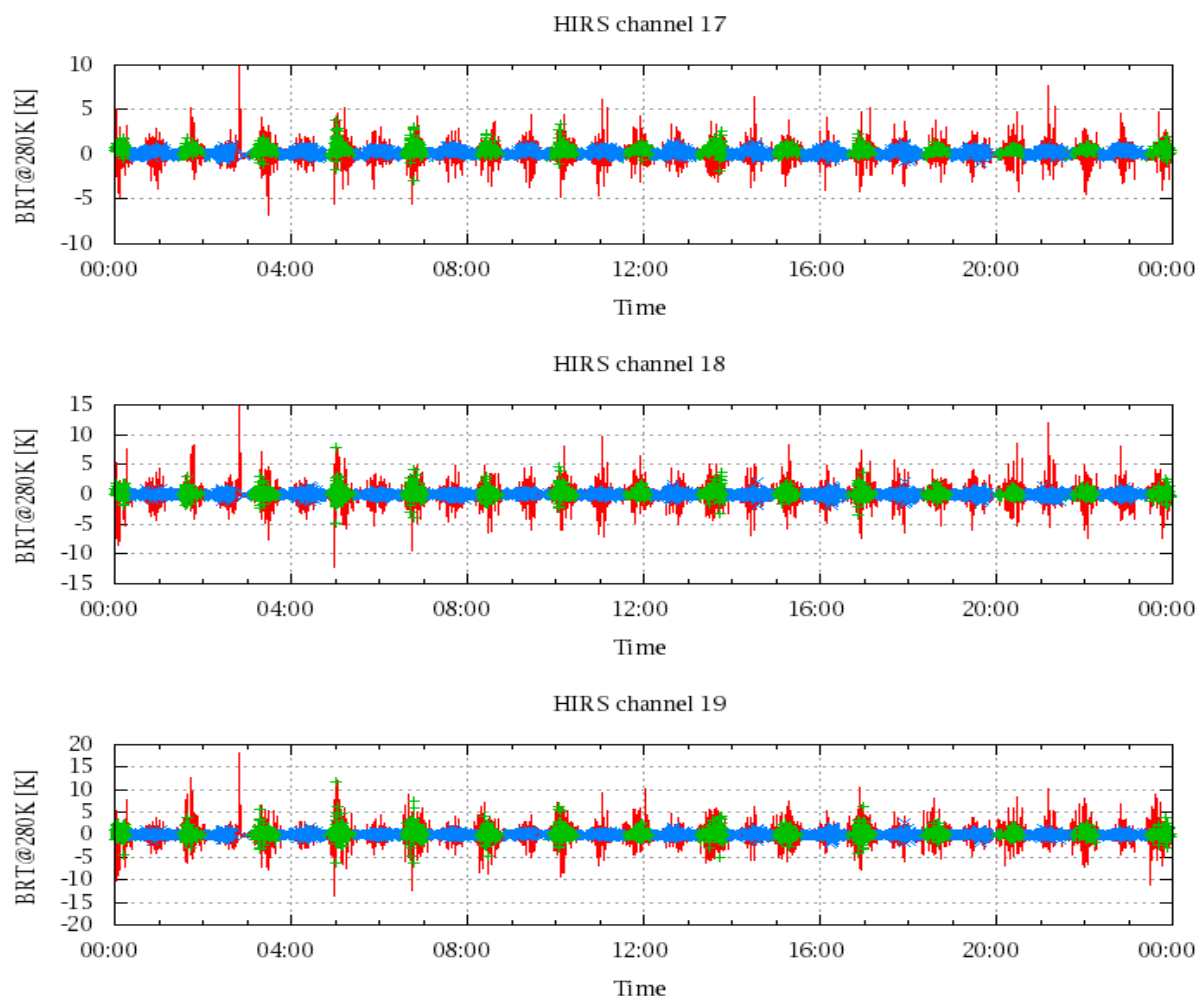


Figure 21: Radinace Differences in BRT