

20200126_PSP4_ConsensusTarget

date	date	time	Tx(GONG)	Ty(GONG)	Tx(HMI)
2020-01-01	2020-01-01	00:00:00	-791.7327677652	-520.0706022695	-701.379110656
2020-01-02	2020-01-02	00:00:00	-749.2692848369	-496.0162437222	-464.2007553948
2020-01-03	2020-01-03	00:00:00	-674.7018696286	-492.4510398368	-434.9540758161
2020-01-04	2020-01-04	00:00:00	-583.9358671245	-481.5068563851	-594.1991570664
2020-01-05	2020-01-05	00:00:00	-428.861651995	-505.1398949194	-809.0956443048
2020-01-06	2020-01-06	00:00:00	-456.5316535656	-786.8249783707	-807.2405325458
2020-01-07	2020-01-07	00:00:00	-393.3729733955	869.3668539276	-780.5868922721
2020-01-08	2020-01-08	00:00:00	-343.8674573193	886.8595932702	-726.5876415351
2020-01-09	2020-01-09	00:00:00	-320.7155036947	906.3442849447	-636.2488136685
2020-01-10	2020-01-10	00:00:00	-2127.6021562007	176.2603650222	-513.9508006801
2020-01-11	2020-01-11	00:00:00	-2136.3201514129	195.8548557779	-384.980082029
2020-01-12	2020-01-12	00:00:00	-861.8500279237	-385.310793954	-850.8885888986
2020-01-13	2020-01-13	00:00:00	-817.5786980835	-391.1728370003	-816.2665389492
2020-01-14	2020-01-14	00:00:00	-770.4714566076	-405.1427312603	-785.1619699644
2020-01-15	2020-01-15	00:00:00	-2156.8092365021	185.5192932511	-690.440733193
2020-01-16	2020-01-16	00:00:00	-368.3510534014	878.1709731334	-537.3885118735
2020-01-17	2020-01-17	00:00:00	-379.1775097062	886.7067686214	-506.6192746942
2020-01-18	2020-01-18	00:00:00	-362.2139524182	898.3764247934	-536.2305486379
2020-01-19	2020-01-19	00:00:00	-417.9057060932	878.7103205309	-362.886402946
2020-01-20	2020-01-20	00:00:00	-425.1223321657	874.4021191368	-539.0398022339
2020-01-21	2020-01-21	00:00:00	-450.2365500908	853.5763955441	-561.0326063442
2020-01-22	2020-01-22	00:00:00	-442.008930512	864.5768608908	-394.9661477217
2020-01-23	2020-01-23	00:00:00	-551.1490092927	779.2174195291	-330.4446170365
2020-01-24	2020-01-24	00:00:00	-609.9965513346	567.7323944793	-355.1325222861
2020-01-25	2020-01-25	00:00:00	-499.6414639677	709.6555358413	-348.6743943978
2020-01-26	2020-01-26	00:00:00	-323.1855647471	777.0001515084	-279.3908274763
2020-01-27	2020-01-27	00:00:00	-190.3929024674	777.6611487739	-174.8118432444
2020-01-28	2020-01-28	00:00:00	80.1863597704	585.1127835777	-34.8491067493
2020-01-29	2020-01-29	00:00:00	316.267644774	510.672705451	196.3218520247
2020-01-30	2020-01-30	00:00:00	312.9799020481	879.6783561935	415.0186060132
2020-01-31	2020-01-31	00:00:00	485.2962313366	845.0410403181	641.5548946172
2020-02-01	2020-02-01	00:00:00	nan	nan	628.513416194
2020-02-02	2020-02-02	00:00:00	nan	nan	nan
2020-02-03	2020-02-03	00:00:00	nan	nan	nan
2020-02-04	2020-02-04	00:00:00	nan	nan	nan
2020-02-05	2020-02-05	00:00:00	nan	nan	nan
2020-02-06	2020-02-06	00:00:00	nan	nan	nan
2020-02-07	2020-02-07	00:00:00	nan	nan	nan
2020-02-08	2020-02-08	00:00:00	nan	nan	nan
2020-02-09	2020-02-09	00:00:00	nan	nan	nan
2020-02-10	2020-02-10	00:00:00	nan	nan	nan
2020-02-11	2020-02-11	00:00:00	nan	nan	nan
2020-02-12	2020-02-12	00:00:00	nan	nan	nan
2020-02-13	2020-02-13	00:00:00	nan	nan	nan
2020-02-14	2020-02-14	00:00:00	nan	nan	nan
2020-02-15	2020-02-15	00:00:00	nan	nan	nan
2020-02-16	2020-02-16	00:00:00	nan	nan	nan
2020-02-17	2020-02-17	00:00:00	nan	nan	nan

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2020-02-18	2020-02-18	00:00:00	nan	nan	nan
2020-02-19	2020-02-19	00:00:00	nan	nan	nan
2020-02-20	2020-02-20	00:00:00	nan	nan	nan
2020-02-21	2020-02-21	00:00:00	nan	nan	nan
2020-02-22	2020-02-22	00:00:00	nan	nan	nan
2020-02-23	2020-02-23	00:00:00	nan	nan	nan
2020-02-24	2020-02-24	00:00:00	nan	nan	nan
2020-02-25	2020-02-25	00:00:00	nan	nan	nan
2020-02-26	2020-02-26	00:00:00	nan	nan	nan
2020-02-27	2020-02-27	00:00:00	nan	nan	nan

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Ty(HMI)	lon(GONG)	lat(GONG)	elon(GONG)	elat(GONG)	lon(HMI)
461.6418605565	356.3261467167	-32.9270503925	10	10	17.7579605556
817.5253288033	353.7163797236	-31.7617322012	10	10	2.9660415937
842.0721118767	350.1459348804	-32.0628463975	10	10	347.4843284357
760.6640069311	347.2914673318	-31.6132425423	10	10	319.8217627013
508.7011747324	346.4500591326	-33.8568515141	10	10	304.0809013673
453.2953245991	309.915987579	-55.426296929	10	10	299.0566454838
411.1564362074	297.0133798764	60.5794016844	10	10	292.5201070061
411.3031557576	289.8196341418	62.2746752829	10	10	285.5107471883
475.3163919771	273.8738804413	65.341294669	10	10	278.9864793877
645.5180940765	253.363944558	2.0298666915	10	10	270.8959738261
784.1827013287	239.6571762485	2.4670082841	10	10	261.2104991681
-384.1057901443	210.4869894904	-24.3348863504	10	10	213.867946106
-346.2237170198	206.1993794517	-25.1765147268	10	10	209.0099848067
-360.0096776225	197.8642863302	-26.6071852601	10	10	198.913829617
-401.8541651423	185.7134880162	2.118173316	10	10	194.5821228012
-544.0909981696	181.0983113496	61.4886860157	10	10	189.9728038729
-639.1423239869	163.7754401831	62.3419830348	10	10	174.7421787364
-677.780649718	147.4570082456	64.5621535436	10	10	154.4902153407
-835.9457723255	126.4470207908	62.424354993	10	10	141.9931549664
-754.2207785363	112.3890521539	62.0585463734	10	10	116.3602195479
-680.036728114	104.6837747051	58.8137551068	10	10	111.1640501561
-801.8335944306	89.6985223535	60.0496868934	10	10	103.8635599506
-825.1096333219	77.6762412061	50.8692915265	10	10	96.453689389
-823.5284089412	80.6118087108	31.9806162143	10	10	80.6031762859
-802.0996384471	71.5377244377	42.2647822192	10	10	71.2660259796
-787.2544267274	72.31699392	47.6965847298	10	10	68.81181879
-781.5722656681	71.7568807086	47.3825826102	10	10	68.5265186995
-787.0594517186	80.8025963663	31.1013344345	10	10	71.3371383903
-806.2813201749	83.1028531187	25.9440778386	10	10	86.1793681886
-795.8795191745	87.2423696151	59.0807886383	10	10	102.3412662131
-705.6014919152	104.6168576591	57.9108305705	10	10	111.9400649045
-748.6992829847	106.9613723902	59.495311949	10	10	114.6854017299
nan	108.9813697486	61.1871798185	10	10	116.1547217534
nan	108.192577371	60.7600080166	10	10	115.1212375261
nan	106.3185242894	58.9413002844	10	10	112.6591031298
nan	104.4956730821	58.5427549104	10	10	111.3812153843
nan	96.3790008246	63.5172552385	10	10	111.6714596194
nan	83.0574102209	58.5670608125	10	10	101.6529375757
nan	75.8996912449	49.4492715134	10	10	90.7366277597
nan	79.3117797593	32.6605743853	10	10	74.9697587642
nan	72.8973042977	48.5862157829	10	10	69.71179935
nan	70.7972356908	51.4280605727	10	10	45.2932778674
nan	54.6816400182	61.7333893657	10	10	36.2402611631
nan	38.2854546431	60.5073092806	10	10	31.5749760647
nan	30.5866110655	58.8512199819	10	10	18.5086310078
nan	356.3163973773	-32.9165037758	10	10	17.7275585022
nan	354.1154960712	-31.9602670525	10	10	4.4916790678
nan	351.3559626512	-32.0384730372	10	10	354.3059862495

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nan	348.6308619633	-31.9973575244	10	10	331.4332470928
nan	346.8366302193	-31.9111406022	10	10	314.1027091458
nan	346.3192241884	-34.8496814137	10	10	303.1645751627
nan	310.224026063	-56.2836702017	10	10	299.1450572342
nan	297.5972794193	1.9005507709	10	10	293.6115531433
nan	292.416523196	61.6404050732	10	10	287.9845364894
nan	282.9513687245	64.8273983848	10	10	282.0741527198
nan	261.3412021016	2.0040146168	10	10	274.1303382433
nan	249.1731630185	2.1548933287	10	10	267.2425862616
nan	226.5928625831	-59.3479360942	10	10	257.1834611046

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lat(HMI)	elon(HMI)	elat(HMI)
26.3846358044	10	10
54.6289045523	10	10
57.9351701533	10	10
50.1439281936	10	10
30.5138950468	10	10
26.0417313617	10	10
22.8527163879	10	10
22.5228990788	10	10
26.4168589182	10	10
37.9903069808	10	10
50.1798683265	10	10
-24.3776985212	10	10
-22.5223267802	10	10
-23.6825860454	10	10
-26.9198621416	10	10
-37.0657362789	10	10
-43.7939880499	10	10
-46.5863730518	10	10
-61.8629985462	10	10
-52.4965674482	10	10
-46.7122555224	10	10
-58.4554309768	10	10
-61.3266036359	10	10
-60.6284108448	10	10
-58.9437592036	10	10
-58.2446354911	10	10
-58.3858285737	10	10
-59.0995272032	10	10
-60.5799010307	10	10
-58.1187647323	10	10
-47.6805246407	10	10
-50.035395813	10	10
-51.7110588724	10	10
-50.4884533539	10	10
-47.5869658878	10	10
-47.0031361805	10	10
-47.8190046325	10	10
-57.8452014134	10	10
-60.8702822851	10	10
-61.1324462782	10	10
0.6317973749	10	10
57.4032202268	10	10
54.958808172	10	10
41.5339810975	10	10
26.6469303624	10	10
26.4244994383	10	10
54.4753450805	10	10
55.5625830725	10	10

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57.7719111348	10	10
48.0296394416	10	10
29.1880365669	10	10
25.8801632415	10	10
23.0385151547	10	10
21.6693501761	10	10
24.3735857973	10	10
28.5810489125	10	10
41.3953289333	10	10
52.9642676834	10	10