

20200124\_PSP4\_ConsensusTarget

date	date	time	Tx(GONG)	Ty(GONG)	Tx(HMI)
2020-01-01	2020-01-01	00:00:00	-791.4060781891	-491.2161593256	-704.4041347145
2020-01-02	2020-01-02	00:00:00	-742.3936719527	-490.1774318216	-445.8748704516
2020-01-03	2020-01-03	00:00:00	-671.0209088691	-483.689837596	-425.8410846584
2020-01-04	2020-01-04	00:00:00	-580.6788233984	-469.3609761031	-594.1479717079
2020-01-05	2020-01-05	00:00:00	-435.5625420213	-473.492769911	-807.8320863424
2020-01-06	2020-01-06	00:00:00	-517.7597186933	-718.0155326433	-805.1358678241
2020-01-07	2020-01-07	00:00:00	-2079.8663955578	203.9346012844	-780.0630758421
2020-01-08	2020-01-08	00:00:00	-2099.4431337619	178.2501134419	-727.1782792567
2020-01-09	2020-01-09	00:00:00	-415.3076120755	-765.8593669497	-634.2790741341
2020-01-10	2020-01-10	00:00:00	-359.5761937941	-834.2934096555	-503.0983343443
2020-01-11	2020-01-11	00:00:00	-482.0119232819	-819.8760748809	-381.118896852
2020-01-12	2020-01-12	00:00:00	-865.5847683158	-358.3371971375	-865.6054209243
2020-01-13	2020-01-13	00:00:00	-808.5822976131	-348.8936685919	-832.5160842114
2020-01-14	2020-01-14	00:00:00	-770.1760668298	-385.1527083419	-791.1913248259
2020-01-15	2020-01-15	00:00:00	-445.4300334039	844.1654886762	-695.3541577379
2020-01-16	2020-01-16	00:00:00	-442.2857157111	853.1404459906	-563.8949262972
2020-01-17	2020-01-17	00:00:00	-434.5489792293	865.9900556964	-543.9860848589
2020-01-18	2020-01-18	00:00:00	-461.8126103855	847.7185618778	-503.8499760109
2020-01-19	2020-01-19	00:00:00	-466.5680358445	832.8060048025	-347.6581947703
2020-01-20	2020-01-20	00:00:00	-442.4065436162	841.9250239864	-446.3324947178
2020-01-21	2020-01-21	00:00:00	-381.4753454491	874.1396871852	-495.675114803
2020-01-22	2020-01-22	00:00:00	-345.7348218188	882.6509830954	-520.6179549182
2020-01-23	2020-01-23	00:00:00	-352.7956868433	888.8691305932	-429.4456037965
2020-01-24	2020-01-24	00:00:00	-298.0675761057	888.526785827	-1812.4944356456
2020-01-25	2020-01-25	00:00:00	-229.5986780736	898.845912299	-445.6282165733
2020-01-26	2020-01-26	00:00:00	-154.460002413	910.7092617227	-402.6497156825
2020-01-27	2020-01-27	00:00:00	-55.1170405494	913.7516160154	-797.2166379753
2020-01-28	2020-01-28	00:00:00	82.0836844723	903.102173204	-2.1273005884
2020-01-29	2020-01-29	00:00:00	222.2315929235	893.2305706527	221.6508515759
2020-01-30	2020-01-30	00:00:00	404.2883756331	880.6063278158	387.5969730889
2020-01-31	2020-01-31	00:00:00	nan	nan	496.5732440999
2020-02-01	2020-02-01	00:00:00	nan	nan	494.7254809776
2020-02-02	2020-02-02	00:00:00	nan	nan	473.2053919968
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)
450.1460233743	0.2760410525	-31.0986132244	10	10	17.95116056
819.3184661717	354.9580341917	-31.4727564216	10	10	5.0804537912
847.0014582316	350.9968864551	-31.5241563355	10	10	348.4183236079
768.4671634999	348.0666290543	-30.8283431945	10	10	320.7442908985
517.304009935	346.9103078384	-31.627471496	10	10	304.1914647753
458.8083666721	310.5586114169	-49.3819559349	10	10	299.2170124906
413.9526581481	294.9948322729	2.7207045526	10	10	292.6803957296
415.1244794103	281.0051518983	2.1123691543	10	10	285.6207339513
483.0637845298	278.8674168676	-54.2587549169	10	10	279.2702936934
655.0990121002	262.4925119131	-61.2359719589	10	10	271.1636321313
801.193260129	229.1887798245	-58.4138631914	10	10	260.6093761187
-357.593064336	212.8380850918	-22.7048047976	10	10	213.0908751984
-313.0302099328	209.4699567822	-22.7950550592	10	10	208.2538048627
-337.6006961882	199.659908367	-25.2958783147	10	10	199.0843557333
-343.7447981896	188.495594799	57.5081875344	10	10	195.8690424022
-450.6793098559	172.7851769032	58.7068183436	10	10	191.4421778022
-579.3739888257	157.8194050351	60.0083738655	10	10	174.3012724514
-702.8021858806	142.0689886946	58.5127339485	10	10	156.4018403363
-839.2002150356	134.5395660323	56.243221494	10	10	143.6326056003
-836.3138884767	126.4078105365	56.2936122679	10	10	111.8947850065
-789.5500536362	117.0890053857	59.7622336285	10	10	101.9894680012
-752.9494777669	106.6557700151	61.3932384347	10	10	93.4221523408
-777.0908989217	92.6075322403	61.4120503728	10	10	90.3004634617
162.707484791	88.0639562664	61.596345378	10	10	81.1246725519
846.9918770651	84.5865976011	62.2076455534	10	10	57.7578198604
842.9652131241	81.3833753337	62.9745159585	10	10	55.251856614
131.3112908858	81.4098954411	62.8687198092	10	10	69.8227114144
-782.7874531406	85.4799028936	61.6690202025	10	10	75.0671880907
-765.6977394019	89.9639773498	60.8963816716	10	10	86.1737757256
-761.808391422	106.4847729673	60.8363020907	10	10	93.1113699061
-791.9049259029	117.5524795506	59.6723375603	10	10	103.2591608527
-835.0582737495	123.4796053547	55.6210934742	10	10	107.9809325646
-851.8750600375	124.7557213679	55.7389467688	10	10	109.6677418383
nan	124.1972765947	55.7621271059	10	10	109.1023890575
nan	124.222085767	56.8836959345	10	10	106.0613489545
nan	117.1045933868	59.9888660124	10	10	102.058541708
nan	110.227858945	60.2164678406	10	10	93.3426012896
nan	101.113072686	62.1650971352	10	10	92.9799281654
nan	91.3231416215	61.5983613719	10	10	88.5365725819
nan	86.9479091536	61.4146056686	10	10	62.1756848935
nan	80.2049332223	63.4368935622	10	10	55.2672819157
nan	64.4885421423	64.1111734079	10	10	48.0950967062
nan	48.8418970713	63.1616370897	10	10	36.1972388738
nan	38.2691533169	62.0087054768	10	10	33.0116068838
nan	355.7452301719	-36.2357646763	10	10	18.663369196
nan	359.8941489668	-31.2919898933	10	10	17.9269534038
nan	355.9041225825	-31.5034067187	10	10	6.4109436745
nan	352.1661997872	-31.5818728402	10	10	355.6501018213

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nan	349.6814691183	-31.4558982422	10	10	332.232973208
nan	347.5397417634	-30.9362891762	10	10	315.5154610983
nan	347.1885326401	-32.8380445079	10	10	303.4450533971
nan	310.7168246458	-49.38075378	10	10	299.2810240382
nan	302.6975107984	-50.9196274083	10	10	293.7316875971
nan	285.5478956212	2.0528003498	10	10	288.2543959529
nan	282.1191413969	-49.5837952315	10	10	282.0190845774
nan	273.9719123995	-57.5168448885	10	10	274.302682153
nan	253.3970026571	-61.6281225915	10	10	267.4235213786
nan	218.9982764602	-54.6013041833	10	10	236.618778183

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lat(HMI)	elon(HMI)	elat(HMI)
25.6086002249	10	10
55.0208864329	10	10
58.3482450358	10	10
50.2596877344	10	10
30.9691152876	10	10
26.3552333341	10	10
22.9732534326	10	10
22.6735629156	10	10
26.7703424873	10	10
38.8970919538	10	10
51.5059067991	10	10
-22.6530820324	10	10
-20.4366432442	10	10
-22.3105604292	10	10
-23.4108577164	10	10
-30.744221188	10	10
-39.4772391131	10	10
-48.5999902644	10	10
-62.4288559497	10	10
-60.73326679	10	10
-56.1632590399	10	10
-52.6967948109	10	10
-55.717811399	10	10
0.1101136383	10	10
57.1794132302	10	10
55.5246207963	10	10
-2.2774385788	10	10
-58.8712744651	10	10
-56.413031453	10	10
-55.3891336421	10	10
-56.6644758266	10	10
-59.5351409697	10	10
-60.4376610494	10	10
-59.9593476021	10	10
-58.3836622981	10	10
-56.216468987	10	10
-52.1986416444	10	10
-53.4087398154	10	10
-56.2051518014	10	10
60.6124525215	10	10
55.6889100083	10	10
54.6912744678	10	10
40.8958030219	10	10
38.9611653029	10	10
25.7669976575	10	10
25.577249437	10	10
54.6738539102	10	10
55.6967725963	10	10

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58.1208441392	10	10
49.0504661201	10	10
29.6196432059	10	10
26.2323568794	10	10
23.1436291007	10	10
21.8591590533	10	10
24.8973534963	10	10
28.9903351179	10	10
42.1150835959	10	10
2.1519144971	10	10