



Lunitidal Intervals

The lunitidal interval is defined as the time interval between the transit of the Moon over the local or Greenwich meridian and the next local high water or low water. It is described as local or Greenwich depending on the transit reference meridian; assumed to be local unless otherwise specified.

Lunitidal intervals can only be used to estimate the tides at places where the semidiurnal component of the tide is dominant. Each value is presented in the format +/- HHMM (HH = hours, MM = minutes). The lunitidal interval changes through the lunar phase cycle. The variation about the mean is approximately +/- 30 minutes (HHMM notation: +/- 0030).

Please Note:

- **Lunitidal intervals should not be used for navigation or any other critical purpose.**
- Users are advised to use AusTides for higher quality predictions than what is available through [The Bureau of Meteorology](#) (BOM).
- State Authorities produce their own Official Tide Tables with time differences for secondary ports.
- Australian National Tide Tables (ANTT) and AusTides provide National coverage.
- Automatic Tidal predictions for Secondary ports are available using AusTides.

All locations contained in the ANTT 2024 are listed below. This information is updated every five years.

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
20080	Mawson	-67	36	62	52	0	+1216
20090	Heard Island	-53	00	73	22	0	+1130
20100	Davis	-68	34	77	55	0	+1221
20120	Casey	-66	17	110	32	0	+1216
20130	Port Martin	-66	50	141	25	0	+1114
20140	Commonwealth Bay	-67	00	142	39	0	+1120
20180	Ross Island	-77	52	166	48	0	+1222
46280	Cocos Islands	-12	07	96	53	+0630	+0447
46290	Christmas Island	-10	26	105	40	+0700	+0720
54150	Suai	-9	21	125	16	+0900	-0035
54172	Com	-8	21	127	03	+0900	+0057
54177	Hera Offshore	-8	31	125	41	+0900	-0009
54178	Karabela	-8	28	126	16	+0900	-0010
54179	Hera	-8	32	125	40	+0900	-0009
54180	Dili	-8	34	125	33	+0900	-0002
54181	Oecussi	-9	11	124	24	+0900	+1133
54182	Fatu Cama Point	-8	31	125	37	+0900	+0056
54183	Point Laguebara	-8	33	125	34	+0900	-0001
54186	Buku Seritutun	-8	30	125	40	+0900	-0014
54187	Fatu Cama Offshore	-8	31	125	35	+0900	-0002
54188	Rauhassa	-8	33	125	26	+0900	+0001
54189	Baia de Tibar	-8	34	125	29	+0900	+0005

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
55420	Merauke	-8	28	140	23	+1000	+0101
55430	Turu Cay	-9	49	141	25	+1000	+0254
55437	Boigu Island - Northeast	-9	14	142	15	+1000	+0504
55440	Daru	-9	04	143	12	+1000	+1049
55445	Bobo Island	-9	05	143	16	+1000	+1038
55470	Umuda Island	-8	30	143	47	+1000	+1038
55480	Goaribari Island	-7	45	144	12	+1000	+1046
55481	Uramu Island	-7	40	144	38	+1000	+1032
55490	Omati	-7	26	143	57	+1000	+0022
55510	Kikori	-7	25	144	15	+1000	-0019
55515	Kumul Tanker Mooring	-8	04	144	33	+1000	+0952
55520	Port Romilly	-7	41	144	49	+1000	+1023
55538	Kerema Bay - Offshore	-8	10	145	29	+1000	+0928
55540	Kerema	-7	58	145	45	+1000	+0947
55571	Boera Head	-9	22	147	00	+1000	+0923
55572	Idiha Island	-9	24	146	53	+1000	+0920
55574	Redscar Head	-9	15	146	54	+1000	+0923
55575	Daugo Island - North	-9	30	147	03	+1000	+0926
55580	Port Moresby	-9	29	147	08	+1000	+0927
55581	Bootless Inlet	-9	30	147	15	+1000	+0925
55582	Nadeara Reef - East	-9	33	147	14	+1000	+0927
55583	Padana Nahua Passage	-9	34	147	16	+1000	+0925
55596	Toveli Entrance	-10	10	148	05	+1000	+0927
55600	Kaligolo Point	-10	09	148	16	+1000	+0920
55610	Dedele Point	-10	14	148	44	+1000	+0923
55615	Margarida	-10	20	149	20	+1000	+0926
55620	Turtle Back Island	-10	24	149	21	+1000	+0927
55630	Delami Island	-10	31	149	49	+1000	+0928
55633	Ava Point	-10	38	149	48	+1000	+1001
55650	Bonarua Island	-10	45	150	22	+1000	+0935
55655	Baiiri Island	-10	54	150	44	+1000	+0930
55659	Doini Island	-10	42	150	42	+1000	+0940
55660	Samarai Island	-10	37	150	40	+1000	+1001
55669	Bentley Island	-10	42	151	13	+1000	+1012
55670	Kalotau Bay	-10	37	151	03	+1000	+1059
55671	Kanawea Island	-10	32	151	05	+1000	+1031
55672	Tewatewa Island	-10	36	151	22	+1000	+0950
55673	Kegawam Island	-10	21	151	23	+1000	+1013
55675	Tonoie Island	-10	25	151	13	+1000	+1149
55680	Panaiiaii Island	-10	49	151	49	+1000	+0925
55690	Misima Island	-10	42	152	47	+1000	+1054

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
55700	Nivani Island	-10	47	152	23	+1000	+0846
55710	Duchateau Islands	-11	17	152	22	+1000	+0924
55750	Huniye Bay	-11	16	153	10	+1000	+0952
55780	Cape Deliverance	-11	24	154	17	+1000	+1004
55830	Alotau	-10	19	150	27	+1000	+1032
55832	Mapamoiwa	-9	36	150	26	+1000	+0111
55833	Yaya Point	-9	35	150	53	+1000	+1107
55834	Bwaioa Gomwa Bay	-9	41	150	50	+1000	+1223
55835	Waiope Island	-9	43	150	54	+1000	+1149
55840	Nuakata Island	-10	17	151	00	+1000	+0924
55850	East Cape	-10	14	150	52	+1000	+1210
55870	Bulavai Point	-9	15	152	58	+1000	+1116
55871	Sharp Island	-9	19	152	31	+1000	+0825
55876	Boli Point	-8	33	151	01	+1000	+0228
55910	Aigura Point	-10	08	150	15	+1000	+0606
55938	Amuioan Bay	-9	06	149	20	+1000	+0246
55940	Tufi Harbour	-9	04	149	18	+1000	+0207
55949	Daia Point	-8	59	149	08	+1000	+0249
55951	Oro Bay	-8	53	148	29	+1000	+0257
55954	Eve Shoal	-8	31	148	25	+1000	+0306
55956	Caution Point	-8	16	148	11	+1000	+0246
55960	Kanapu Island	-8	20	150	07	+1000	+0308
55980	Lae	-6	45	147	00	+1000	+0249
55990	Dregerhafen	-6	39	147	53	+1000	+0230
56000	Finschhafen	-6	32	147	50	+1000	+0306
56010	Wasu	-5	57	147	11	+1000	+0719
56020	Umboi Island	-5	42	148	05	+1000	+0619
56021	Aromot Island	-5	48	148	03	+1000	+0611
56024	Kepler Point	-5	35	146	16	+1000	+0706
56025	Pommern Bay	-5	32	146	08	+1000	+0700
56030	Madang	-5	13	145	48	+1000	+0657
56050	Bogia Harbour	-4	17	144	59	+1000	+0707
56060	Sepik River Entrance	-3	55	144	36	+1000	+0715
56070	Wewak	-3	33	143	38	+1000	+0711
56100	Vanimo	-2	41	141	18	+1000	+0659
56120	Point Stone Island	-2	14	146	34	+1000	+0718
56122	Moenai Point	-2	12	146	52	+1000	+0706
56123	Mbuke Island	-2	23	146	51	+1000	+0711
56130	Seeadler Harbour	-2	02	147	22	+1000	+0712
56134	Rara Island Southwest	-2	01	147	17	+1000	+0700
56135	Hawei Island Northeast	-1	58	147	18	+1000	+0701
56150	Thilenius Harbour	-6	16	150	19	+1000	+0250

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
56154	Cape Jacquinot	-5	33	151	36	+1000	+0341
56175	Eleonora Bay	-5	33	149	44	+1000	+0643
56179	Walindi Plantation	-5	26	150	05	+1000	+0715
56180	Numondo Anchorage	-5	30	150	06	+1000	+0740
56200	Rabaul	-4	12	152	10	+1000	+0605
56202	Foul Bay	-4	10	152	25	+1000	+0659
56210	Kokopo	-4	21	152	17	+1000	+0612
56240	Kavieng	-2	35	150	47	+1000	+0256
56280	Tavanatangir Harbour	-4	48	151	41	+1000	+0657
56285	Henry Reid Bay	-4	58	151	59	+1000	+0407
56300	Ambitle Island	-4	06	153	35	+1000	+0258
56330	Soraken	-5	34	154	43	+1000	+0229
56338	Torokina	-6	16	155	02	+1000	+0420
56340	Anewa Bay	-6	10	155	33	+1000	+0254
56341	Everenta Island	-6	48	155	49	+1000	+0241
56350	Kieta Harbour	-6	13	155	38	+1000	+0253
56359	Tarekukure Wharf	-6	41	156	24	+1100	+0245
56362	Katurasele	-7	12	156	54	+1100	+0211
56380	Nukumaroro	-7	28	157	44	+1100	+0141
56460	Gizo Harbour	-8	06	156	51	+1100	+0001
56470	Blackett Strait	-8	08	157	08	+1100	+0016
56480	Munda	-8	21	157	17	+1100	+0252
56490	Viru Harbour	-8	30	157	44	+1100	+0248
56510	Marovo Lagoon	-8	30	157	58	+1100	+0309
56520	Monggo Passage	-8	21	157	52	+1100	+0256
56540	Lolomo Passage	-8	11	157	41	+1100	+0318
56670	Honiara	-9	25	159	58	+1100	+0359
56690	Nughu Island	-9	17	160	21	+1100	+0300
56710	Mbungana Island	-9	11	160	13	+1100	+0308
56748	Buena Vista	-8	53	160	00	+1100	+0407
56750	Sandfly Passage	-8	57	160	04	+1100	+0343
56780	Thousand Ships Bay	-8	26	159	42	+1100	+0327
56910	Mbuma	-8	55	160	46	+1100	+0335
57131	Ndende Island Wharf	-10	43	165	48	+1100	+0413
57700	Norfolk Island	-29	04	167	56	+1100	+0757
57715	Elizabeth Reef	-29	55	159	04	+1000	+0824
57720	Lord Howe Island	-31	31	159	04	+1030	+0836
57750	Cato Island	-23	15	155	32	+1000	+0832
57770	Saumarez Reef	-21	54	153	33	+1000	+0830
57810	Marion Reef	-19	06	152	24	+1000	+0908
57820	Mellish Reef	-17	25	155	52	+1000	+0851
57829	Lihou Reef	-17	07	152	08	+1000	+0903

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
57840	East Diamond Islet	-17	26	151	04	+1000	+0905
57845	Magdelaine Cays	-16	36	150	20	+1000	+0910
57850	Willis Island	-16	13	150	01	+1000	+0915
57882	Osprey Reef - West	-13	53	146	33	+1000	+0915
57900	Meer Island Barge	-9	54	144	02	+1000	+0940
57927	Black Rocks West	-9	15	143	43	+1000	+1004
57930	Bramble Cay	-9	08	143	53	+1000	+0958
57931	Stephens Island North	-9	22	143	31	+1000	+1014
57932	Unnamed Cay	-9	21	143	20	+1000	+1026
57933	Pearce Cay	-9	30	143	18	+1000	+1025
57935	Stephens Island	-9	29	143	32	+1000	+1019
57936	Merrie England Shoals	-9	09	143	28	+1000	+1024
57937	Mutacomal Reef	-9	15	143	12	+1000	+1050
57939	Brown Reef West	-9	25	143	41	+1000	+0841
57941	Darnley Island Barge	-9	35	143	45	+1000	+1017
57945	East Cay	-9	23	144	13	+1000	+0942
57959	Yorke Island Barge	-9	44	143	24	+1000	+1036
57980	Rennel Island	-9	45	143	15	+1000	+1040
57988	Ashmore Reef - North	-10	04	144	28	+1000	+0915
57990	Aureed Island	-9	57	143	17	+1000	+1045
57998	Kai-Maituine Reef - Northeast	-10	13	143	09	+1000	+1106
58000	Dungeness Reef	-9	59	142	59	+1000	+1101
58009	Mourilyan Reef Southwest	-9	50	142	36	+1000	-0012
58010	Zagai Island	-9	52	142	54	+1000	+1146
58015	Yam Island	-9	54	142	46	+1000	+1153
58019	Dauan Island Barge	-9	24	142	32	+1000	+0049
58020	Saibai Island	-9	23	142	37	+1000	+0031
58025	Phipi Reef	-9	36	142	32	+1000	+0014
58029	Warrior Reef - West	-9	28	143	05	+1000	+1147
58030	Gabba Island	-9	46	142	37	+1000	-0006
58032	Cook Shoal - South	-10	07	141	25	+1000	+0337
58034	Mabuiag Island Barge	-9	57	142	12	+1000	+0132
58035	Talab Island	-9	57	142	12	+1000	+0130
58037	Cook Reef West	-10	23	141	25	+1000	+0330
58069	Half Way Island	-10	06	143	19	+1000	+1045
58070	Coconut Island	-10	03	143	04	+1000	+1105
58072	Dugong Islet	-10	31	143	05	+1000	+1058
58073	Poll Islet	-10	15	142	49	+1000	+1131
58075	Kirkcaldie Reef	-10	19	142	48	+1000	+1129

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
58080	Suarji Island	-10	09	142	30	+1000	-0006
58083	Sue Islet	-10	12	142	49	+1000	+1135
58090	Hawkesbury Island	-10	23	142	07	+1000	+0357
58099	Alert Patches	-10	29	142	21	+1000	+0024
58100	Twin Island	-10	28	142	26	+1000	-0006
58127	Badu Island	-10	10	142	10	+1000	+0347
58128	St Pauls (Moa Island)	-10	11	142	20	+1000	+0012
58129	Kubin (Moa Island)	-10	14	142	12	+1000	+0303
58140	Ince Point	-10	31	142	18	+1000	+0057
58170	Thursday Island	-10	35	142	13	+1000	+0145
58171	Hammond Island Barge	-10	33	142	13	+1000	+0128
58178	Nardana Patches	-10	30	142	14	+1000	+0134
58180	Turtle Head	-10	31	142	13	+1000	+0259
58190	Round Island	-10	33	142	12	+1000	+0331
58200	Goods Island	-10	33	142	08	+1000	+0405
58218	Larpent Bank North	-10	32	142	02	+1000	+0353
58219	Larpent Bank West	-10	36	141	58	+1000	+0355
58221	Gannet Passage - West	-10	35	141	50	+1000	+0349
58222	Varzin Shoal - Northwest	-10	31	141	54	+1000	+0359
58230	Booby Island	-10	36	141	55	+1000	+0402
58232	Varzin Shoal	-10	33	141	55	+1000	+0400
58241	White Rocks Area	-10	31	142	01	+1000	+0359
58242	Carpentaria	-10	44	141	17	+1000	+0315
58260	Papou Point	-10	36	142	19	+1000	+0011
58280	Bampfild Head	-10	42	142	06	+1000	+0359
58281	Crab Island	-10	58	142	06	+1000	+0352
58283	Red Wallis Island	-10	51	142	02	+1000	+0349
58300	Packe Island	-10	45	142	14	+1000	+0326
58330	Harrington Reef	-10	49	142	43	+1000	+1106
58340	Herald Camp	-10	56	142	09	+1000	+0349
58360	Red Island Point	-10	50	142	21	+1000	+0252
58390	Possession Island	-10	44	142	24	+1000	+0107
58430	Alpha Rock	-10	36	142	31	+1000	-0022
58470	Albany Island	-10	43	142	35	+1000	+1138
58472	Wyborn Reef Light	-10	49	142	46	+1000	+1054
58473	Tetley Island	-10	43	142	44	+1000	+1104
58485	Triangle Reef	-10	45	143	59	+1000	+0959
58490	Turtle Head Island	-10	55	142	42	+1000	+1046
58539	MacLennan Cay	-11	19	143	48	+1000	+0948
58540	Raine Island	-11	36	144	03	+1000	+0912
58561	McSweeney Reef	-11	01	143	14	+1000	+1029

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
58563	Collette Reef	-11	13	143	21	+1000	+1019
58570	Cairncross Islets	-11	14	142	55	+1000	+1026
58573	Shadwell Reef	-11	27	143	45	+1000	+0947
58590	Hannibal Island	-11	35	142	55	+1000	+1013
58596	Bird Islets	-11	45	143	04	+1000	+0956
58601	Round Point	-11	53	143	05	+1000	+0955
58610	Cape Grenville	-11	58	143	15	+1000	+0944
58615	Hicks Island	-11	59	143	16	+1000	+0943
58630	Sir Charles Hardy Island	-11	55	143	26	+1000	+0944
58655	Kay Reef	-12	13	143	15	+1000	+0940
58656	Forbes Island - Southeast	-12	19	143	31	+1000	+0926
58660	Portland Road	-12	35	143	24	+1000	+0926
58680	Chapman Island	-12	53	143	36	+1000	+0925
58690	Ham Reef	-13	02	143	52	+1000	+0917
58700	Jubilee Reef	-13	10	143	46	+1000	+0922
58710	Night Island	-13	11	143	34	+1000	+0922
58715	Suchen Reef	-13	18	143	47	+1000	+0919
58720	Unnamed Reef No.3	-13	20	143	58	+1000	+0921
58730	Morris Island	-13	29	143	42	+1000	+0921
58735	First Three Mile Opening	-13	28	144	01	+1000	+0910
58740	Creech Reef	-13	37	144	05	+1000	+0923
58750	Fife Island	-13	39	143	42	+1000	+0924
58761	Pelican Island (QLD)	-13	54	143	49	+1000	+0928
58770	Eden Reef	-14	04	143	54	+1000	+0910
58797	Stanley Island	-14	08	144	14	+1000	+0925
58820	Pipon Islands	-14	07	144	30	+1000	+0918
58830	Cape Melville	-14	10	144	29	+1000	+0922
58840	Munro Reef	-14	18	144	43	+1000	+0921
58842	Switzer Reef	-14	22	144	45	+1000	+0921
58843	Barron Reef	-14	28	144	41	+1000	+0921
58859	Howick Island - West	-14	29	144	56	+1000	+0915
58865	Leggatt Island	-14	32	144	51	+1000	+0922
58870	Normanby River	-14	25	144	08	+1000	+0927
58885	Carter Reef	-14	34	145	36	+1000	+0921
58889	Nymph Island - North	-14	35	145	16	+1000	+0915
58890	Lizard Island (QLD)	-14	39	145	27	+1000	+0919
58891	Lookout Point	-14	49	145	13	+1000	+0908
58894	East Petherbridge Island	-14	44	145	06	+1000	+0927

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
58896	North Direction Island	-14	44	145	30	+1000	+0925
58900	Cape Flattery	-14	57	145	18	+1000	+0913
58903	Ribbon Reef No.9	-14	59	145	40	+1000	+0913
58910	Low Wooded Island	-15	05	145	23	+1000	+0909
58920	Cape Bedford	-15	13	145	20	+1000	+0922
58940	Cooktown	-15	28	145	15	+1000	+0915
58955	Cruiser Passage	-15	40	145	47	+1000	+0909
58960	East Hope Island	-15	43	145	27	+1000	+0900
58990	Bailay Creek	-16	12	145	27	+1000	+0934
59030	Low Islets	-16	23	145	34	+1000	+0908
59035	Holmes Reef	-16	28	147	51	+1000	+0907
59040	Port Douglas	-16	29	145	28	+1000	+0914
59045	Palm Cove	-16	44	145	40	+1000	+0908
59048	Yorkeys Knob	-16	47	145	43	+1000	+0912
59050	Michaelmas Cay	-16	36	145	59	+1000	+0904
59055	Euston Reef	-16	41	146	15	+1000	+0851
59060	Cairns	-16	56	145	47	+1000	+0916
59065	Swallows Landing	-16	59	145	46	+1000	+0918
59070	Green Island	-16	45	145	58	+1000	+0914
59090	Fitzroy Island	-16	55	146	00	+1000	+0911
59100	Sudbury Cay	-16	57	146	08	+1000	+0909
59120	High Island	-17	09	146	00	+1000	+0909
59130	Russell Island	-17	13	146	06	+1000	+0903
59133	Pearl Reef	-17	29	146	25	+1000	+0915
59137	Nathan Reef	-17	32	146	30	+1000	+0912
59140	Mourilyan Harbour	-17	36	146	07	+1000	+0918
59145	Cowley Beach	-17	41	146	06	+1000	+0917
59151	Eddy Reef	-17	47	146	22	+1000	+0913
59152	South Barnard Island	-17	44	146	09	+1000	+0913
59155	Unnamed Reef No.1	-17	52	146	43	+1000	+0914
59160	Flinders Reef	-17	43	148	26	+1000	+0910
59168	Clump Point	-17	51	146	06	+1000	+0917
59170	Dunk Island	-17	56	146	08	+1000	+0919
59178	Barnett Patches	-18	04	146	50	+1000	+0921
59180	Goold Island	-18	10	146	09	+1000	+0919
59185	Cardwell	-18	16	146	02	+1000	+0930
59188	Britomart Reef	-18	15	146	43	+1000	+0922
59190	Pith Reef	-18	13	147	01	+1000	+0913
59193	Dip Reef	-18	24	147	26	+1000	+0908
59194	Rib Reef - West	-18	28	146	50	+1000	+0918
59200	Lucinda Offshore	-18	31	146	23	+1000	+0923
59210	John Brewer Reef	-18	38	147	03	+1000	+0929
59218	Albino Rock	-18	47	146	43	+1000	+0919

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
59219	Shrimp Reef	-18	56	148	04	+1000	+0923
59220	Jaguar Reef	-18	57	148	26	+1000	+0916
59250	Townsville	-19	15	146	50	+1000	+0923
59260	Cape Ferguson	-19	17	147	03	+1000	+0923
59272	Stanley Reef	-19	17	148	04	+1000	+0956
59274	Kennedy Reef	-19	30	149	09	+1000	+0945
59280	Unnamed Reef No.2	-19	37	149	50	+1000	+0931
59286	Alva Creek - Offshore	-19	26	147	33	+1000	+0934
59288	Upstart Bay - Offshore	-19	42	147	40	+1000	+0945
59300	Abbot Point	-19	51	148	05	+1000	+1008
59320	Bowen	-20	01	148	15	+1000	+1019
59335	Tideway Reef	-20	00	149	43	+1000	+1048
59340	Hayman Island	-20	03	148	53	+1000	+1024
59342	Square Reef	-20	04	149	47	+1000	+1052
59346	Baird Point	-20	07	148	153	+1000	+1036
59360	Double Bay	-20	11	148	38	+1000	+1032
59380	Molle Island	-20	15	148	50	+1000	+1047
59390	Cid Harbour	-20	15	148	54	+1000	+1044
59400	Hook Island	-20	04	148	56	+1000	+1036
59402	Border Island	-20	10	149	02	+1000	+1050
59406	Haslewood Island	-20	16	149	05	+1000	+1054
59407	Lupton Island	-20	16	149	07	+1000	+1052
59410	Shute Harbour	-20	17	148	47	+1000	+1047
59415	Dent Island	-20	22	148	55	+1000	+1052
59427	Cawarra Head	-20	25	149	02	+1000	+1059
59428	Dalwood point	-20	27	149	04	+1000	+1102
59429	Burning Point	-20	30	149	03	+1000	+1109
59435	Thomas Island	-20	33	149	07	+1000	+1102
59438	Credlin Reef	-20	32	149	56	+1000	+1052
59440	East Repulse Island	-20	35	148	53	+1000	+1102
59443	Blacksmith Island	-20	37	149	03	+1000	+1100
59450	Bugatti Reef	-20	04	150	18	+1000	+1023
59451	Creal Reef	-20	31	150	22	+1000	+1044
59462	Carlisle Island - Offshore	-20	46	149	16	+1000	+1058
59480	St Bees Island	-20	54	149	27	+1000	+1100
59490	Scawfell Island	-20	52	149	37	+1000	+1059
59500	Penrith Island	-21	00	149	54	+1000	+1057
59501	Wild Duck Isl SE	-22	02	149	53	+1000	+0059
59510	Mackay Outer Harbour	-21	06	149	14	+1000	+1104
59511	Hay Point	-21	16	149	18	+1000	+1102
59531	Prudhoe Island	-21	18	149	40	+1000	+1100

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
59540	Middle Island, Percy Isles	-21	39	150	15	+1000	+1034
59550	Bell Cay	-21	48	151	14	+1000	+1009
59551	Gannet Cay	-21	59	152	28	+1000	+0913
59552	Elusive Reef	-21	05	152	45	+1000	+0841
59566	Otterbourne Island North	-22	00	150	17	+1000	+1026
59567	Hexham Island	-22	01	150	22	+1000	+0857
59570	Arthur Point	-22	8	150	3	+1000	+1047
59585	Lake Shoals	-21	53	149	52	+1000	+0100
59590	McEwen Island	-22	09	149	36	+1000	+1122
59595	Mumford Island	-22	11	150	21	+1000	+1018
59598	Bamborough Shoals	-21	54	150	08	+1000	+0041
59604	Marble Island North	-21	59	150	09	+1000	+1030
59605	Osborn Island	-22	17	150	13	+1000	+1035
59610	Marquis Island	-22	20	150	27	+1000	+1037
59612	Reef Point	-22	19	150	33	+1000	+1034
59615	Sabina Point	-22	24	150	18	+1000	+1040
59620	High Peak Island	-21	57	150	41	+1000	+1020
59650	Port Clinton	-22	32	150	45	+1000	+0950
59658	Peaked Island	-22	39	150	58	+1000	+0938
59660	Karamea Bank	-22	39	151	31	+1000	+0847
59668	Johnson Patch - Northwest	-23	01	151	20	+1000	+0915
59670	Rosslyn Bay	-23	10	150	48	+1000	+0922
59672	Middle Island, Keppel Isles	-23	10	150	55	+1000	+0921
59690	Port Alma	-23	35	150	52	+1000	+0931
59691	Cape Capricorn	-23	29	151	13	+1000	+0903
59700	Heron Island	-23	27	151	55	+1000	+0847
59710	One Tree Islet	-23	30	152	03	+1000	+0842
59716	Polmaise Reef	-23	33	151	39	+1000	+0849
59720	Tryon Islet	-23	14	151	46	+1000	+0900
59735	Rock Cod Shoal	-23	40	151	38	+1000	+0848
59740	Gatcombe Head	-23	53	151	22	+1000	+0901
59750	Gladstone	-23	50	151	15	+1000	+0915
59770	Clews Point	-24	00	151	44	+1000	+0834
59771	Round Hill Head	-24	09	151	52	+1000	+0835
59780	Lady Musgrave Island	-23	54	152	23	+1000	+0827
59790	Lady Elliot Island	-24	06	152	42	+1000	+0820
59795	Breaksea Spit	-24	22	153	06	+1000	+0817
59820	Bundaberg	-24	46	152	23	+1000	+0838
59830	Elliott Heads	-24	55	152	29	+1000	+0837
59840	Waddy Point	-24	58	153	21	+1000	+0815

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
59850	Urangan	-25	18	152	55	+1000	+0901
59870	Ungowa	-25	30	152	59	+1000	+0930
59880	Boonlye Point	-25	34	152	56	+1000	+0945
59890	Elbow Point	-25	47	153	02	+1000	+0842
59940	Noosa Head	-26	23	153	06	+1000	+0813
59950	Mooloolaba	-26	41	153	08	+1000	+0821
59960	Caloundra Head	-26	48	153	09	+1000	+0818
59965	Tangalooma Point	-27	11	153	22	+1000	+0930
59968	Moreton Bay	-27	05	153	18	+1000	+0907
59970	Bribie Island	-27	05	153	09	+1000	+0959
59980	Brisbane Bar	-27	22	153	10	+1000	+0942
60000	Brisbane Port Office	-27	28	153	01	+1000	+1018
60040	Runaway Bay	-27	55	153	24	+1000	+0910
60050	Gold Coast Seaway	-27	57	153	25	+1000	+0823
60053	Nerang Head	-27	56	153	26	+1000	+0810
60060	Nerang River	-28	00	153	25	+1000	+0923
60070	Point Danger	-28	10	153	33	+1000	+0815
60071	Tweed River	-28	10	153	33	+1000	+0821
60075	Kingscliff	-28	16	153	35	+1000	+0833
60080	Brunswick Heads	-28	32	153	33	+1000	+0829
60090	Ballina	-28	52	153	34	+1000	+0829
60130	Yamba	-29	25	153	21	+1000	+0820
60170	North West Solitary Island	-30	01	153	17	+1000	+0820
60180	Coffs Harbour	-30	18	153	08	+1000	+0813
60200	South West Rocks	-30	53	153	01	+1000	+0843
60220	Port Macquarie	-31	25	152	54	+1000	+0841
60230	Camden Haven	-31	38	152	49	+1000	+0838
60235	Crowdy Head	-31	50	152	44	+1000	+0816
60240	Harrington Inlet	-31	52	152	41	+1000	+0832
60250	Forster	-32	10	152	30	+1000	+0818
60270	Broughton Island	-32	37	152	20	+1000	+0816
60290	Port Stephens	-32	42	152	10	+1000	+0827
60310	Newcastle	-32	55	151	47	+1000	+0820
60315	Swansea	-33	05	151	38	+1000	+0825
60320	Gosford	-33	26	151	21	+1000	+1033
60325	Ettalong	-33	31	151	20	+1000	+0844
60327	Dangar Island	-33	32	151	14	+1000	+0834
60328	Ku-Ring-Gai Chase Motor Yacht Club	-33	36	151	12	+1000	+0820
60330	Little Patonga	-33	33	151	16	+1000	+0820
60340	Sand Point	-33	36	151	19	+1000	+0817
60370	Sydney	-33	51	151	14	+1000	+0816
60390	Botany Bay	-33	58	151	12	+1000	+0818
60400	Port Hacking	-34	04	151	08	+1000	+0815

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
60420	Port Kembla	-34	28	150	54	+1000	+0815
60431	Crookhaven Heads Inner	-34	54	150	45	+1000	+0829
60437	Huskisson	-35	02	150	40	+1000	+0828
60440	Jervis Bay	-35	07	150	42	+1000	+0812
60460	Ulladulla	-35	21	150	28	+1000	+0813
60471	Batemans Bay	-35	42	150	10	+1000	+0832
60480	Moruya	-35	54	150	07	+1000	+0843
60500	Bermagui	-36	25	150	04	+1000	+0818
60530	Eden	-37	04	149	54	+1000	+0813
60550	Gabo Island	-37	34	149	55	+1000	+0806
60562	Point Hicks	-37	47	149	15	+1000	+0820
60571	Lakes Entrance Outer	-37	53	147	58	+1000	+0826
60585	Hogan Island	-39	12	146	59	+1000	+1047
60590	Port Welshpool	-38	42	146	28	+1000	-0008
60610	Rabbit Island	-38	55	146	31	+1000	+1115
60615	East Moncoeur Island	-39	12	146	34	+1000	+1102
60617	Curtis Island	-39	28	146	42	+1000	+1054
60670	Waratah Bay	-38	52	146	00	+1000	+1111
60710	Western Port	-38	22	145	13	+1000	+1148
60730	Port Phillip Heads	-38	17	144	37	+1000	+1055
60770	Geelong	-38	09	144	22	+1000	+0148
60780	Melbourne	-37	52	144	55	+1000	+0145
60790	Lorne	-38	32	143	59	+1000	+1035
60810	Apollo Bay	-38	45	143	40	+1000	+1025
60816	Garden Cove	-39	27	147	19	+1000	+1025
60818	Bass Pyramid	-39	51	147	05	+1000	+1050
60835	Seal Bay	-40	08	143	56	+1000	+1039
60840	Grassy Harbour	-40	04	144	04	+1000	+1036
60870	Stack Island	-40	36	144	47	+1000	-0015
60875	Three Hummock Island	-40	27	144	50	+1000	+1148
60900	Stanley	-40	46	145	18	+1000	+1123
60910	Burnie	-41	03	145	57	+1000	+1107
60930	Devonport	-41	11	146	22	+1000	+1103
60948	Low Head	-41	04	146	47	+1000	+1107
60970	Launceston	-41	26	147	08	+1000	+0006
60988	Foster Island Offshore 2	-40	34	147	51	+1000	+1046
61003	Salamander Rock NE no.2	-40	43	148	27	+1000	+0836
61004	George Rocks East	-40	53	148	38	+1000	+0728
61006	Cape Barren offshore	-40	18	148	49	+1000	+0815

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
61007	Cape Barren	-40	27	148	27	+1000	+0834
61008	Passage Island south	-40	33	148	20	+1000	+0907
61018	Badger Island	-40	19	147	54	+1000	+1053
61030	Big River Cove	-40	16	148	06	+1000	+1051
61069	Beagle Spit	-39	45	148	08	+1000	+0843
61071	Babel Island North	-39	54	148	20	+1000	+0817
61073	Sister Islands Northeast	-39	33	148	17	+1000	+0851
61090	Lady Barron Harbour	-40	13	148	15	+1000	+1014
61092	Vansittart Shoals	-40	14	148	27	+1000	+0819
61095	East River Bluff - Offshore	-40	04	148	21	+1000	+0814
61110	Swan Island	-40	44	148	07	+1000	+0909
61121	Eddystone Point Northeast	-40	59	148	21	+1000	+0814
61127	St Helens	-41	19	148	14	+1000	+0938
61135	Falmouth	-41	30	148	16	+1000	+0811
61150	Bicheno	-41	52	148	18	+1000	+0802
61155	Coles Bay	-42	08	148	17	+1000	+0812
61170	Spring Bay	-42	33	147	56	+1000	+0807
61180	Pirates Bay	-43	02	147	58	+1000	+0758
61200	Parsons Bay	-43	06	147	45	+1000	+0812
61210	Impression Bay	-43	03	147	47	+1000	+0814
61220	Hobart	-42	53	147	20	+1000	+0812
61235	Port Huon	-43	10	146	59	+1000	+0814
61240	Southport Jetty	-43	26	146	58	+1000	+0800
61250	Recherche Bay	-43	33	146	53	+1000	+0758
61270	Maatsuyker Island	-43	40	146	19	+1000	+0831
61280	Bramble Cove	-43	19	146	00	+1000	+1030
61305	Cape Sorell - Offshore	-42	09	145	02	+1000	+0915
61310	Granville Harbour	-41	48	145	01	+1000	+1058
61320	Pieman River	-41	37	145	00	+1000	+1024
61360	Port Campbell	-38	37	142	59	+1000	+1011
61380	Warrnambool	-38	24	142	29	+1000	+1042
61390	Port Fairy	-38	23	142	15	+1000	+1053
61410	Portland	-38	21	141	37	+1000	+1100
61430	Port Macdonnell	-38	03	140	42	+0930	+1130
61450	Beachport	-37	30	140	01	+0930	+1114
61451	Cape Rabelais - Offshore	-37	21	139	34	+0930	+1117
61460	Robe	-37	09	139	45	+0930	+1121
61470	Kingston	-36	50	139	50	+0930	+1128
61490	Victor Harbor	-35	34	138	38	+0930	+1152

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
61510	Vivonne Bay	-36	00	137	11	+0930	+1117
61520	Emu Bay	-35	36	137	32	+0930	+0242
61530	Kingscote	-35	37	137	38	+0930	+0246
61540	American River	-35	48	137	46	+0930	+0252
61550	Penneshaw	-35	43	137	56	+0930	+0214
61561	Cape Jervis	-35	36	138	06	+0930	+0300
61570	Second Valley	-35	30	138	13	+0930	+0316
61580	Port Noarlunga	-35	09	138	28	+0930	+0314
61583	Port Stanvac	-35	06	138	28	+0930	+0318
61590	Brighton	-35	02	138	31	+0930	+0319
61591	Glenelg	-34	58	138	30	+0930	+0317
61600	Port Adelaide Outer Harbor	-34	47	138	29	+0930	+0325
61650	Ardrossan	-34	25	137	55	+0930	+0319
61670	Port Vincent	-34	46	137	51	+0930	+0250
61685	Port Giles	-35	02	137	46	+0930	+0253
61690	Edithburgh	-35	05	137	45	+0930	+0249
61730	Stenhouse Bay	-35	16	136	56	+0930	+0046
61735	Althorpe Island	-35	22	136	52	+0930	+0042
61740	Pondalow Bay	-35	15	136	49	+0930	+0032
61750	Port Turton	-34	56	137	21	+0930	+0145
61760	Port Victoria	-34	29	137	28	+0930	+0157
61770	Cape Elizabeth	-34	15	137	20	+0930	+0214
61775	Tiparra Reef	-34	03	137	23	+0930	+0246
61780	Wallaroo	-33	54	137	36	+0930	+0418
61785	Middle Bank Southern Beacon	-33	43	137	29	+0930	+0428
61790	Port Broughton	-33	35	137	55	+0930	+0714
61800	Port Pirie	-33	10	138	01	+0930	+0633
61820	Red Cliff Point	-32	44	137	49	+0930	+0627
61830	Port Augusta	-32	32	137	46	+0930	+0701
61837	Port Bonython	-33	00	137	46	+0930	+0609
61840	Whyalla	-33	00	137	35	+0930	+0601
61845	Yarraville Shoal	-33	17	137	35	+0930	+0545
61854	Franklin Harbor	-33	41	136	56	+0930	+0331
61860	Arno Bay	-33	55	136	35	+0930	+0154
61880	Port Neill	-34	07	136	21	+0930	+0131
61888	Reevesby Island	-34	31	136	17	+0930	+0114
61900	Port Lincoln	-34	43	135	52	+0930	+0042
61920	Taylor's Landing	-34	51	135	57	+0930	+0011
61924	Whalers Bay	-35	00	136	11	+0930	+0120
61930	Wedge Island	-35	10	136	34	+0930	+0026
61937	Shelf Edge	-35	46	135	45	+0930	+1130
61945	Greenly Island	-34	39	134	47	+0930	+1131
61950	Elliston	-33	37	134	52	+0930	+1147

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
61960	Pearson Island	-33	56	134	16	+0930	+1140
61970	Venus Bay	-33	13	134	40	+0930	-0015
61971	Port Kenny	-33	10	134	41	+0930	+0152
61980	Streaky Bay	-32	47	134	12	+0930	-0028
62000	Thevenard	-32	09	133	39	+0930	-0033
62010	Saint Francis Island	-32	30	133	18	+0930	+1129
62020	Port Eyre	-32	00	132	25	+0930	+1123
62040	Eucla	-31	43	128	52	+0800	+1104
62055	Daw Island	-33	51	124	08	+0800	+1110
62060	Goose Island Bay	-34	05	123	11	+0800	+1213
62080	Esperance	-33	52	121	54	+0800	+1110
62100	Mary Ann Haven	-33	57	120	07	+0800	+1105
62110	Bremer Bay	-34	25	119	24	+0800	+1114
62120	Albany	-35	02	117	53	+0800	+1120
62125	Wilson Head	-35	02	117	20	+0800	+1115
62132	Nornalup Inlet	-35	00	116	44	+0800	+0029
62140	Windy Harbour	-34	51	116	01	+0800	+1120
62150	Flinders Bay	-34	20	115	10	+0800	+1120
62158	Cape Hamelin	-34	15	115	01	+0800	+1048
62170	Cowaramup	-33	52	114	59	+0800	+1030
62180	Busselton	-33	39	115	21	+0800	+1000
62185	Bunker Bay	-33	32	115	02	+0800	+1023
62186	Mandurah	-32	31	115	42	+0800	+1018
62190	Bunbury	-33	19	115	39	+0800	+1002
62210	Warnbro Sound	-32	19	115	43	+0800	+0942
62230	Fremantle	-32	03	115	44	+0800	+0946
62235	Rottne Island	-31	59	115	32	+0800	+0941
62237	Hillarys	-31	49	115	44	+0800	+0939
62240	Two Rocks Marina	-31	30	115	35	+0800	+0942
62250	Lancelin	-31	01	115	19	+0800	+0933
62260	Cervantes	-30	30	115	04	+0800	+0934
62270	Jurien Bay	-30	18	115	02	+0800	+0936
62275	Port Denison	-29	16	114	55	+0800	+0932
62280	Leeman	-29	57	114	59	+0800	+0921
62285	Pelsaert Island	-28	58	113	58	+0800	+0923
62290	Geraldton	-28	46	114	36	+0800	+0940
62300	Easter Group	-28	42	113	47	+0800	+0928
62305	North Island	-28	18	113	36	+0800	+0930
62310	Port Gregory	-28	11	114	14	+0800	+0841
62320	Kalbarri	-27	42	114	10	+0800	+1044
62330	Withnell Point	-25	35	113	01	+0800	+1043
62341	Denham	-25	56	113	32	+0800	-0011
62343	Shark Bay (Inner Beacon)	-25	58	113	23	+0800	-0007
62345	Useless Loop	-26	08	113	25	+0800	+0047

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
62350	Hamelin Pool	-26	23	114	11	+0800	+0408
62360	Monkey Mia	-25	48	113	43	+0800	-0011
62370	Carnarvon	-24	53	113	37	+0800	+1010
62385	Cape Cuvier	-24	13	113	24	+0800	+0918
62398	Coral Bay	-23	09	113	46	+0800	+0917
62410	Norwegian Bay	-22	35	113	40	+0800	+0925
62420	Tantabiddi	-21	55	113	59	+0800	+0930
62430	Point Murat	-21	49	114	11	+0800	+1010
62435	Exmouth	-21	56	114	09	+0800	+1020
62440	Learmonth	-22	11	114	05	+0800	+1024
62450	Y Island	-21	57	114	25	+0800	+1001
62455	North Muiron Island	-21	38	114	23	+0800	+0947
62465	Roller	-21	38	114	56	+0800	+0951
62467	Ashburton - North	-21	39	115	01	+0800	+0956
62470	Onslow	-21	39	115	08	+0800	+1004
62475	Thevenard Island	-21	28	115	01	+0800	+0957
62480	Large Island	-21	18	115	30	+0800	+1047
62490	Barrow Island - Wapet Landing	-20	44	115	28	+0800	+1016
62491	Barrow Island - Tanker Mooring	-20	49	115	33	+0800	+1041
62500	Trimouille Island	-20	23	115	32	+0800	+1020
62501	North West Island	-20	21	115	31	+0800	+1005
62510	North Sandy Island - Offshore	-21	02	115	38	+0800	+1036
62520	Fortescue Road	-21	00	116	06	+0800	+1043
62521	Steamboat Island	-20	49	116	04	+0800	+1016
62540	Dampier	-20	38	116	45	+0800	+1014
62542	Cape Legendre	-20	21	116	49	+0800	+1013
62543	Hauy Island	-20	25	116	57	+0800	+1029
62550	Port Walcott	-20	35	117	11	+0800	+1023
62570	Depuch Island	-20	37	117	45	+0800	+1031
62585	Delambre Island - Offshore	-20	02	118	25	+0800	+1015
62590	Port Hedland	-20	18	118	35	+0800	+1028
62593	Imperieuse Reef	-17	31	118	58	+0800	+1013
62598	Mermaid Reef	-17	01	119	37	+0800	+0956
62610	Bedout Island	-19	35	119	06	+0800	+1017
62630	Lagrange Bay	-18	42	121	44	+0800	+1020
62650	Broome	-18	00	122	13	+0800	+1026
62658	Coulomb Point	-17	22	122	05	+0800	+1017
62662	Baskerville Shoal West	-17	10	121	55	+0800	+1018
62664	Cape Baskerville West	-17	05	122	12	+0800	+1030
62680	Red Bluff	-17	02	122	19	+0800	+1040

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
62691	Surprise Reef	-17	01	122	05	+0800	+1027
62706	Lacepede Island North	-16	49	122	07	+0800	+1041
62708	South Head	-16	51	122	27	+0800	+1049
62730	Scott Reef (WA)	-14	03	121	48	+0800	+1009
62740	Ashmore Reef	-12	13	123	00	+0800	+1026
62750	Karrakatta Bay	-16	22	123	02	+0800	+1147
62751	Sunday Island (WA)	-16	23	123	11	+0800	+1203
62780	Derby	-17	17	123	36	+0800	+0140
62810	Point Usborne	-16	40	123	32	+0800	+0057
62840	Bedford Islands	-16	08	123	19	+0800	+1129
62860	Yampi Sound	-16	08	123	44	+0800	+1122
62880	Macleay Island	-15	57	123	41	+0800	+1120
62890	Adele Island	-15	30	123	10	+0800	+1059
62892	Heywood Islands SW	-15	22	124	16	+0800	+1105
62893	Byam Martin Island South	-15	26	124	22	+0800	+1110
62894	Wailgwin Island West	-15	32	124	24	+0800	+1111
62895	Hull Bank West No.2	-15	33	124	11	+0800	+1109
62896	Lorikeet Shoal North	-15	29	124	03	+0800	+1108
62897	Fox Shoal Southeast	-15	22	123	52	+0800	+1102
62898	Wildcat Reefs Northwest	-15	10	124	02	+0800	+1055
62900	Browse Island	-14	06	123	33	+0800	+0935
62910	Shale Island	-16	23	124	20	+0800	+1139
62911	Lizard Island (WA)	-15	56	124	25	+0800	+1138
62920	Hall Point	-15	40	124	24	+0800	+1116
62924	Vulcan Islands North	-15	10	124	25	+0800	+1053
62931	Brecknock Harbour	-15	22	124	32	+0800	+1112
62933	Degerando Island No.2	-15	20	124	12	+0800	+1055
62935	Denman Shoal	-15	43	123	51	+0800	+1115
62937	Adieu Point	-15	14	124	34	+0800	+1052
62938	Champagne Islands - Northeast	-15	16	124	19	+0800	+1054
62940	Booby Island (WA)	-15	03	124	20	+0800	+1050
62941	Hanover Bay	-15	14	124	44	+0800	+1054
62942	Colbert Island	-14	51	124	43	+0800	+1048
62943	Bat Island - Northwest	-15	04	124	52	+0800	+1053
62945	Hedley Island	-14	57	124	37	+0800	+1049

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
62946	Fontanes Island - Offshore	-14	52	124	59	+0800	+1050
62948	Prince Frederick Harbour	-14	59	125	08	+0800	+1053
62951	Cape Pond	-14	45	125	07	+0800	+1050
62960	Skua No. 4 Well	-12	30	124	26	+0800	+1042
62980	Jabiru	-11	50	125	12	+0800	+1107
62990	North Maret Island	-14	24	124	58	+0800	+1042
63000	Baudin Island	-14	08	125	36	+0800	+1040
63001	Cape Voltaire	-14	15	125	36	+0800	+1039
63002	Dillon Shoal	-11	00	125	36	+0800	+1127
63004	Laminaria	-10	38	126	00	+0800	+1148
63010	Port Warrender	-14	31	125	54	+0800	+1053
63011	Troughton Island	-13	45	126	08	+0800	+1048
63012	Cassini Island	-13	57	125	40	+0800	+1041
63019	West Holothuria Reef Offshore	-13	28	125	48	+0800	+1038
63020	Jar Island	-14	09	126	14	+0800	+1046
63021	Lynher Bank	-15	28	122	01	+0800	+1030
63022	Heywood Shoal	-13	27	124	03	+0800	+1028
63023	Pee Shoal	-11	45	124	49	+0800	+1103
63028	Van Cloon Shoal	-12	38	126	25	+0800	+1103
63031	Carronade Island	-13	56	126	36	+0800	+1004
63032	Guy Point	-14	04	126	30	+0800	+1001
63035	Napier Broome Bay	-14	06	126	42	+0800	+1004
63040	Lesueur Island	-13	50	127	17	+0800	+0637
63042	Reveley Island	-14	20	127	54	+0800	+0543
63050	Cape Domett	-14	50	128	23	+0800	+0601
63060	Lacrosse Island	-14	44	128	17	+0800	+0558
63070	Adolphus Island	-15	07	128	11	+0800	+0623
63080	Pender Point	-15	17	128	05	+0800	+0707
63090	Wyndham	-15	27	128	06	+0800	+0723
63093	The Boxers	-11	27	128	26	+0930	+0220
63095	Unnamed Shoal	-10	32	128	39	+0930	+0119
63097	Loxton Shoal	-9	36	128	42	+0930	+0035
63100	Pelican Island (WA)	-14	46	128	47	+0800	+0548
63107	Calder Shoal	-10	51	129	04	+0930	+0154
63108	Evans Shoal	-10	05	129	32	+0930	+0111
63163	Port Keats	-14	10	129	34	+0930	+0519
63177	Cape Scott - Offshore	-13	25	129	32	+0930	+0441
63182	Anson Bay	-13	21	130	06	+0930	+0440
63192	Goodrich Bank	-10	41	130	18	+0930	+0148
63193	Peron Island - North	-13	06	129	57	+0930	+0430
63195	Point Jenny	-12	53	130	08	+0930	+0423

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
63196	Native Point	-12	39	130	16	+0930	+0421
63197	Fish Reef	-12	25	130	25	+0930	+0430
63200	Tapa Bay	-12	27	130	35	+0930	+0433
63207	Point Fawcett - Offshore	-11	42	130	00	+0930	+0326
63210	Burge Point	-12	35	130	34	+0930	+0443
63211	Munkunuwa	-11	53	130	27	+0930	+0422
63212	Beagle A	-12	02	130	07	+0930	+0410
63213	Parsons Bank	-11	56	130	47	+0930	+0443
63216	Fenton Patches	-12	13	130	40	+0930	+0442
63217	Lynedoch Bank	-10	01	130	48	+0930	+0130
63218	Hancox Shoal Area	-12	04	130	52	+0930	+0454
63220	Nightcliff	-12	23	130	50	+0930	+0449
63230	Darwin	-12	28	130	50	+0930	+0454
63240	Glyde Point	-12	08	131	07	+0930	+0532
63248	Chambers Bay	-12	16	131	47	+0930	+0636
63249	Point Stuart	-12	12	131	55	+0930	+0650
63250	Cape Hotham	-12	02	131	17	+0930	+0554
63260	Christine Reef	-11	45	131	58	+0930	+0633
63261	West Alligator Head	-12	08	132	15	+0930	+0657
63280	Two Hills Bay	-11	31	132	04	+0930	+0621
63290	Newby Shoal	-11	51	129	10	+0930	+0339
63300	Camp Point	-11	37	131	26	+0930	+0620
63315	Medina Inlet South Entrance	-11	49	130	36	+0930	+0434
63325	Barlow Point - South	-11	25	130	25	+0930	+0315
63330	Saint Asaph Bay	-11	18	130	24	+0930	+0248
63331	Cape Van Diemen	-11	09	130	23	+0930	+0157
63335	Snake Bay	-11	23	130	39	+0930	+0208
63337	Cache Point	-11	18	130	55	+0930	+0206
63340	Echo Shoal	-10	09	126	49	+0930	+1156
63346	Point Jahleel - Offshore	-11	09	131	15	+0930	+0243
63360	Cape Don	-11	17	131	46	+0930	+0431
63370	Port Essington	-11	03	132	02	+0930	+0304
63374	Smith Point - West	-11	08	132	07	+0930	+0304
63381	Aurari Bay - North	-11	36	133	11	+0930	+0457
63382	Templer Island	-11	17	132	49	+0930	+0417
63384	Peacock Island - Northwest	-10	54	132	22	+0930	+0303
63385	Jones Shoal - North	-10	48	132	12	+0930	+0230
63387	Cape Croker - West	-10	59	132	33	+0930	+0314
63391	Point David	-11	21	132	35	+0930	+0403
63392	d'Urville Point	-11	12	132	22	+0930	+0312

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
63393	Money Shoal	-10	19	132	43	+0930	+0300
63395	Arafura Sea	-9	30	132	47	+0930	+0223
63396	Copeland Island	-11	28	132	43	+0930	+0415
63397	Cape Cockburn	-11	20	132	51	+0930	+0419
63399	One Tree Point	-11	09	132	43	+0930	+0358
63402	New Year Island - West	-10	54	133	01	+0930	+0407
63405	Grant Island	-11	10	132	52	+0930	+0413
63406	Aurari Bay	-11	44	133	15	+0930	+0504
63407	Turner Point	-11	46	133	32	+0930	+0535
63409	Cuthbert Point	-11	45	133	46	+0930	+0536
63410	North Goulburn Island	-11	30	133	23	+0930	+0456
63423	Paxie Shoal - West	-11	18	133	48	+0930	+0529
63425	Paxie Shoal	-11	25	134	07	+0930	+0551
63430	Entrance Island	-11	57	134	12	+0930	+0612
63431	Maningrida	-12	02	134	12	+0930	+0614
63440	Yabooma Island	-12	01	134	55	+0930	+0638
63443	Hutchison River	-12	12	135	11	+0930	+0652
63445	North West Crocodile Island	-11	42	135	09	+0930	+0634
63447	Cape Wessel - West	-10	55	136	00	+0930	+0655
63449	Stevens Island	-11	33	136	06	+0930	+0711
63450	Guluwuru Island	-11	32	136	26	+0930	+0816
63455	Hopeful Bay	-11	26	136	29	+0930	+0706
63461	Auster Point	-11	06	136	42	+0930	+0720
63462	Two Island Bay	-11	03	136	43	+0930	+0719
63468	Cadell Strait	-12	03	135	35	+0930	+0722
63470	Mallison Island	-12	11	136	06	+0930	+0914
63480	Gove Harbour	-12	13	136	42	+0930	+0803
63483	Truant Island	-11	39	136	49	+0930	+0807
63490	Cape Arnhem	-12	19	136	56	+0930	+0821
63500	Cape Grey	-13	00	136	39	+0930	+0817
63508	Hawk Island	-13	38	136	53	+0930	+0837
63510	Port Langdon	-13	46	136	50	+0930	+0845
63511	Milner Bay	-13	51	136	24	+0930	+1103
63512	Rose River	-14	17	135	43	+0930	+1134
63514	Cape Beatrice	-14	17	136	57	+0930	-0011
63517	West Island	-15	31	136	32	+0930	+0104
63519	Bing Bong Creek Entrance	-15	35	136	20	+0930	+0112
63520	Centre Island	-15	45	136	49	+0930	+0112
63521	McArthur River Entrance	-15	47	136	44	+0930	+0112
63521	McArthur River Entrance	-15	47	136	44	+0930	+0112

Port Number	Port Name	Latitude Deg	Latitude Min	Longitude Deg	Longitude Min	Ahead of UTC by	Lunitidal Interval
63524	Wearyan River Entrance	-15	50	136	56	+0930	+0103
63531	Robinson River Entrance	-16	01	137	17	+0930	+0014
63533	Calvert River Entrance	-16	13	137	46	+0930	+0003
63534	Running Creek Entrance	-16	32	138	01	+0930	-0001
63540	Mornington Island	-16	40	139	10	+1000	+0015
63555	Bountiful Island	-16	40	139	51	+1000	+0552
63560	Sweers Island - Offshore	-16	52	139	36	+1000	+0543
63564	Stokes Point	-17	33	139	46	+1000	+0608
63566	Burketown	-17	44	139	36	+1000	+0758
63580	Karumba	-17	29	140	49	+1000	+0532
63587	Nassau River - Offshore	-15	24	140	12	+1000	+0147
63610	Archer River	-13	20	141	39	+1000	+0434
63615	Amrun	-12	55	141	37	+1000	+0359
63620	Weipa	-12	40	141	51	+1000	+0432
63630	Pennefather River	-12	18	141	41	+1000	+0348
63650	Cullen Point	-11	57	141	55	+1000	+0356
63655	Vrilya Point	-11	13	142	07	+1000	+0342
65300	Macquarie Island	-54	30	158	57	0	+1134