

## SECONDARY PORTS TABLE – *continued*

Port	Lat.	S.	Long.	E.	Mean Time Differences		Mean Spring, Neap and Sea Level Heights (metres)					Range Ratio	
					HW	LW	MHWS	MHWN	MLWN	MLWS	MSL		
					hhmm	hhmm	1.9	1.6	0.5	0.1	1.04		
<b>TAURANGA</b>	<b>37</b>	<b>39</b>	<b>176</b>	<b>11</b>									
<b>Bay of Plenty</b>													
Haurere Point	37	58	177	27	-0025	-0030	-	-	-	-	-	-	*
Lottin Point	37	33	178	10	-0037	-0031	1.9	1.6	0.5	0.2	1.0	0.94	
Maketu Estuary Entrance	37	45	176	27	-0040	-	-	-	-	-	-	-	*
Moutohora Island – Whale Island <sup>1</sup>	37	52	176	59	-0029	-0024	1.9	1.7	0.4	0.2	1.1	0.94	
Omaio Bay – Motunui Island	37	47	177	39	-0033	-0024	2.1	1.9	0.7	0.5	1.3	0.89	
Opotiki Wharf	38	02	177	14	+0023	+0001	2.0	1.6	0.6	0.3	1.1	0.94	
Papamoa Beach	37	43	176	20	-0040	-	-	-	-	-	-	-	*
Port Ohope Wharf	37	59	177	06	+0022	+0002	2.1	1.7	0.6	0.2	1.2	1.06	
Te Kaha	37	46	177	40	-0030	-0040	-	-	-	-	-	-	*
Waihi Beach	37	24	175	56	-0015	-	-	-	-	-	-	-	*
Whakaari/White Island	37	31	177	11	-0023	-0017	-	-	-	-	-	-	*
Whakatane	37	57	177	00	-0022	-0010	2.0	1.7	0.6	0.3	1.1	0.94	
<b>Coromandel Peninsula</b>													
Pauanui	37	04	175	53	-0004	-0002	-	-	-	-	-	-	*
Slipper Island (Whakahau)	37	03	175	57	-0038	-0010	2.0	1.8	0.5	0.4	1.2	0.89	
Tairua	37	00	175	51	-0003	-0003	1.9	1.6	0.4	0.1	1.0	1.00	
Tapuaetahi Bay (Boat Harbour)	36	56	175	51	-0024	-0024	1.8	1.6	0.6	0.3	1.1	0.83	
Whangamata	37	12	175	53	-0010	-0010	-	-	-	-	-	-	*
Whitianga	36	50	175	42	-0006	-0009	1.9	1.6	0.6	0.2	1.1	0.94	
<b>Great Mercury Island (Ahuahu)</b>													
Huruhi Harbour	36	36	175	46	-	-	2.0	1.8	0.4	0.2	1.1	1.00	*
<b>North Island East Coast</b>													
East Cape	37	41	178	33	-0045	-0041	2.1	1.9	0.7	0.5	1.3	0.89	*
Hicks Bay	37	35	178	19	-0045	-0031	2.2	2.0	0.8	0.5	1.3	0.94	
Tokomaru Bay	38	08	178	20	-	-	1.9	1.8	0.6	0.5	-	0.78	*
Tolaga Bay – Cooks Cove	38	23	178	20	-0104	-0110	1.7	1.6	0.4	0.3	1.0	0.78	
Waipiro Bay	38	02	178	20	-0052	-0058	2.0	1.8	0.6	0.5	1.2	0.83	*
<b>Tauranga Harbour</b>													
Bowentown – Katikati Entrance	37	28	175	59	-0005	-	-	-	-	-	-	-	*
Katikati – Kauri Point	37	31	175	59	+0030	-	-	-	-	-	-	-	*
Omokoroa Beach	37	40	176	03	+0100	-	-	-	-	-	-	-	*
Town Wharf	37	40	176	09	+0020	-	-	-	-	-	-	-	*
<b>TIMARU</b>	<b>44</b>	<b>23</b>	<b>171</b>	<b>15</b>			<b>2.4</b>	<b>2.0</b>	<b>0.8</b>	<b>0.5</b>	<b>1.44</b>		
Ashburton River Entrance	44	03	171	48	+0031	-	-	-	-	-	-	-	*
Rangitata River Entrance	44	11	171	31	+0015	-	-	-	-	-	-	-	*
<b>WELLINGTON</b>	<b>41</b>	<b>17</b>	<b>174</b>	<b>47</b>			<b>1.8</b>	<b>1.4</b>	<b>0.7</b>	<b>0.4</b>	<b>1.08</b>		
<b>Cook Strait</b>													
Cape Terawhiti – Oteranga Bay	41	18	174	37	+0107	+0113	0.9	0.7	0.5	0.3	0.6	0.43	
Karori Rock Light	41	21	174	39	+0045	+0045	-	-	-	-	-	-	*
<b>Wairarapa Coast</b>													
Cape Palliser (Matakitakiakupe)	41	37	175	17	+0010	+0010	1.5	1.4	0.5	0.3	0.9	0.86	*
<b>WESTPORT</b>	<b>41</b>	<b>45</b>	<b>171</b>	<b>36</b>			<b>3.2</b>	<b>2.5</b>	<b>0.9</b>	<b>0.2</b>	<b>1.76</b>		
<b>Buller Coast</b>													
Karamea River Entrance	41	15	172	06	-0035	-	-	-	-	-	-	-	*
Whanganui Inlet	40	35	172	35	-0105	-0105	2.9	2.3	0.8	0.0	1.4	0.97	*
<b>Fiordland Sounds</b>													
Bligh Sound	44	53	167	32	+0100	+0100	2.1	1.8	0.6	0.3	1.2	0.60	*
Charles Sound	45	05	167	06	+0033	+0035	3.1	2.6	1.1	0.4	1.8	0.90	
George Sound	44	52	167	22	+0034	+0034	2.5	2.1	0.9	0.5	1.5	0.67	
<b>Breaksea Sound</b>													
Gilbert Islands	45	36	166	41	+0037	+0039	2.3	1.8	0.7	0.2	1.3	0.70	
<b>Chalky Inlet</b>													
Chalky Island - Sealers Bay	46	03	166	33	+0053	+0054	2.6	2.1	1.0	0.4	1.5	0.73	
Small Craft Harbour Islands	45	58	166	40	+0105	+0058	2.4	1.9	0.8	0.3	1.3	0.70	
<b>Doubtful Sound/Patea</b>													
Blanket Bay	45	18	166	59	+0036	+0037	2.3	1.7	0.7	0.1	1.2	0.73	
Deep Cove	45	28	167	09	+0112	+0110	2.3	1.8	0.8	0.3	1.3	0.67	
<b>Dusky Sound</b>													
Front Islands	45	44	166	44	+0055	+0056	2.2	1.7	0.6	0.2	1.2	0.67	
Many Islands	45	46	166	31	+0042	+0043	2.6	2.2	1.1	0.5	1.6	0.70	
<b>Milford Sound/Piopirotahi</b>													
Anita Bay	44	35	167	48	+0026	+0027	2.5	1.9	0.9	0.3	1.4	0.73	
Fresh Water Basin	44	40	167	56	+0028	+0029	2.5	1.9	0.8	0.4	1.4	0.70	
<b>Preservation Inlet</b>													
Coal Island - Fishing Bay	46	06	166	39	+0100	+0100	2.2	1.8	0.8	0.3	1.3	0.63	

<sup>1</sup> Name not official

\* Data Approximate

- No Data