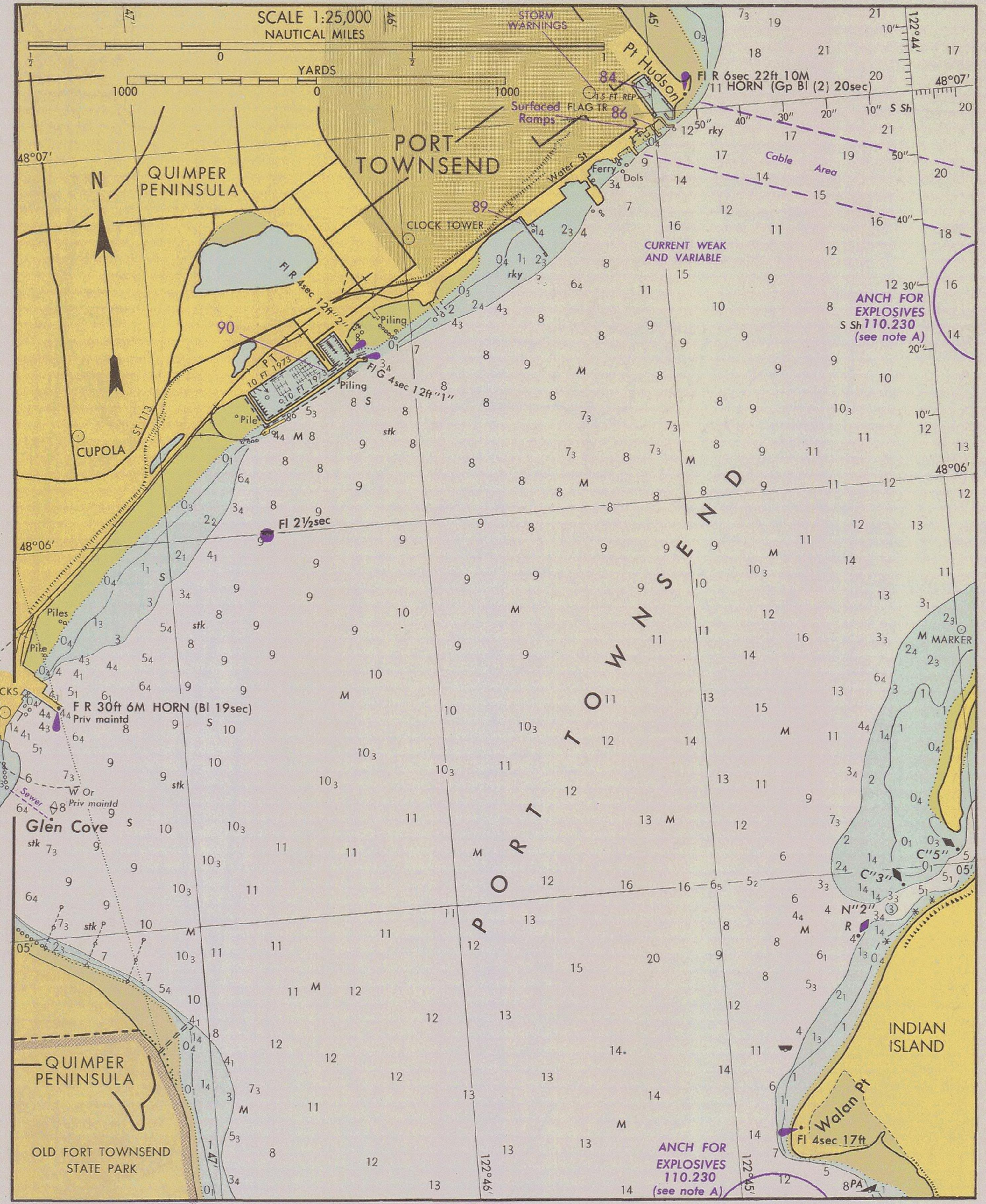
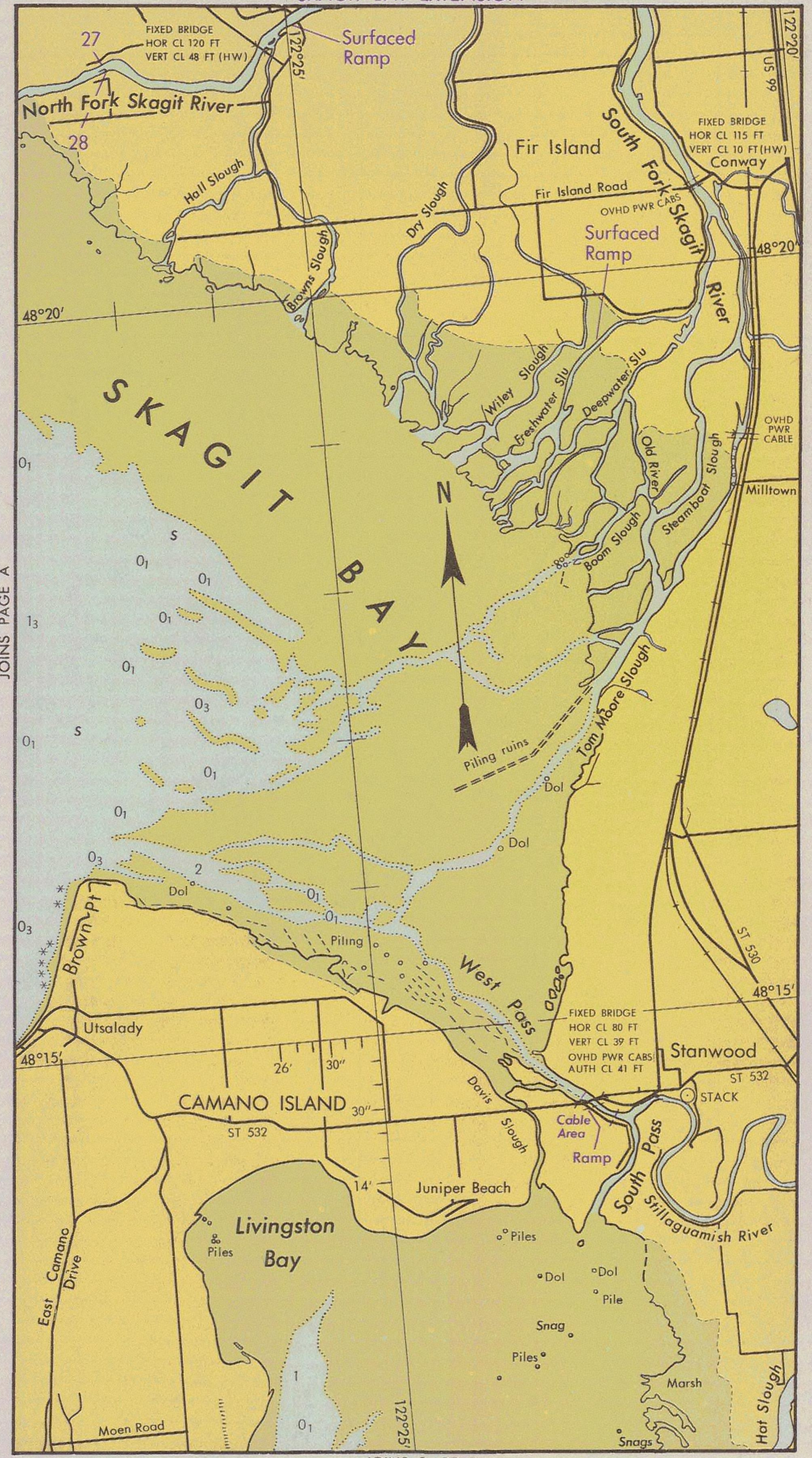


INSET 9

SKAGIT BAY EXTENSION

1st Edition, 1960



JOINS PAGE E

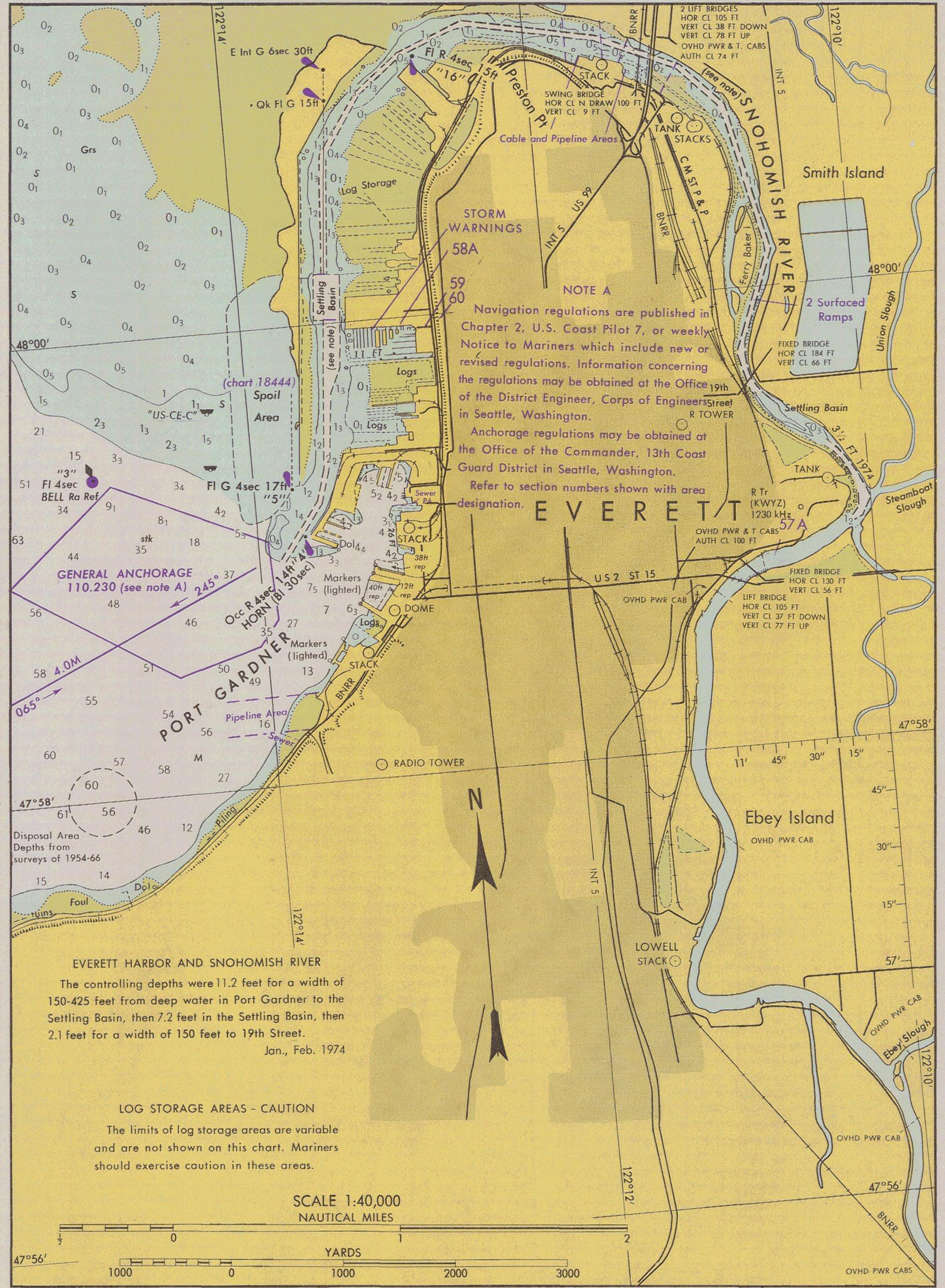
SCALE 1:80,000
NAUTICAL MILES
YARDS

CAUTION

Small craft should stay clear of large commercial and government vessels even if small-craft have the right-of-way.

CAUTION

All craft should avoid areas where the skin divers flag, a red square with a diagonal white stripe, is displayed.



INSET 11

PORT TOWNSEND, WASH., 1975-1976

Predicted times and heights of high and low water - Pacific Standard Time. For Daylight Saving Time, add 1 hour.
To predict local tide, apply the time difference listed in the facility tabulation to these tide predictions.

MAY 1975

DAY	TIME H.M.	HT. FT.	DAY	TIME H.M.	HT. FT.
1 TH	0211 0625 1348 2211	6.0 6.2 0.0 8.0	16 F	0136 0533 1326 2128	5.9 6.6 -0.8 8.4
2 F	0541 0733 1437 2257	5.5 5.6 0.7 7.9	17 SA	0246 0704 1415 2207	5.4 6.0 -0.1 8.4
3 SA	0636 0906 1529 2338	4.8 5.1 1.5 7.8	18 SU	0359 0854 1513 2246	4.5 5.5 0.9 8.5
4 SU	0712 1048 1624	4.1 5.0 2.2	19 M	0515 1040 1612 2324	3.3 5.4 2.0 8.5
5 M	0012 0730 1223 1720	7.7 3.3 5.2 2.9	20 TU	0607 1223 1711	2.0 5.7 3.1
6 TU	0040 0748 1337 1815	7.7 2.5 5.6 3.5	21 W	0002 0659 1351 1813	8.5 0.7 6.4 4.2
7 W	0106 0800 1443 1905	7.6 1.6 6.2 4.1	22 TH	0039 0743 1501 1916	8.5 -0.5 7.2 5.0
8 TH	0133 0825 1531 1956	7.6 0.8 6.7 4.6	23 F	0115 0827 1603 2018	8.5 -1.4 7.9 5.6
9 F	0158 0854 1624 2042	7.6 0.0 7.2 5.1	24 SA	0153 0909 1656 2117	8.3 -2.0 8.3 6.0
10 SA	0225 0924 1706 2124	7.6 -0.6 7.6 5.5	25 SU	0233 0950 1747 2209	8.1 -2.2 8.6 6.3
11 SU	0249 0957 1748 2209	7.6 -1.1 7.9 5.8	26 M	0310 1029 1833 2304	7.8 -2.1 8.7 6.4
12 M	0314 1035 1833 2252	7.5 -1.5 8.1 6.0	27 TU	0344 1111 1919	7.5 -1.8 8.7
13 TU	0339 1114 1918 2340	7.5 -1.7 8.3 6.2	28 W	0003 0425 1149 2001	6.3 7.0 -1.3 8.6
14 W	0404 1155 2000	7.4 -1.7 8.4	29 TH	0109 0506 1227 2042	6.1 6.4 -0.7 8.5
15 TH	0037 0439 1238 2043	6.2 7.1 -1.4 8.4	30 F	0342 0559 1308 2119	5.7 5.8 0.1 8.3
			31 SA	0512 0711 1350 2155	5.1 5.2 0.9 8.2

JUNE 1975

DAY	TIME H.M.	HT. FT.	DAY	TIME H.M.	HT. FT.
1 SU	0544 0844 1436 2227	4.3 4.7 1.8 8.1	16 M	0343 0914 1441 2154	3.1 5.3 1.9 8.8
2 M	0611 1028 1521 2256	3.5 4.6 2.8 8.0	17 TU	0446 1101 1533 2233	1.9 5.3 3.3 8.7
3 TU	0627 1215 1614 2325	2.6 4.9 3.7 7.9	18 W	0547 1248 1632 2312	0.7 5.9 4.5 8.7
4 W	0648 1341 1709 2355	1.7 5.5 4.5 7.9	19 TH	0639 1407 1741 2353	-0.4 6.6 5.4 8.6
5 TH	0713 1441 1811	0.7 6.2 5.2	20 F	0725 1516 1850	-1.2 7.4 6.1
6 F	0024 0745 1533 1907	7.8 -0.1 6.9 5.7	21 SA	0035 0811 1611 1959	8.4 -1.8 8.0 6.5
7 SA	0056 0820 1621 1959	7.9 -0.8 7.5 6.1	22 SU	0119 0854 1654 2105	8.2 -2.0 8.3 6.6
8 SU	0127 0857 1703 2055	7.9 -1.5 7.9 6.4	23 M	0201 0934 1739 2206	7.9 -2.1 8.6 6.6
9 M	0159 0934 1742 2147	7.9 -2.0 8.3 6.5	24 TU	0246 1011 1817 2302	7.6 -1.9 8.6 6.4
10 TU	0235 1013 1821 2238	7.8 -2.2 8.6 6.5	25 W	0327 1047 1853 2357	7.2 -1.5 8.6 6.1
11 W	0310 1054 1900 2330	7.7 -2.3 8.7 6.3	26 TH	0412 1124 1928	6.7 -1.0 8.5
12 TH	0400 1133 1934	7.4 -2.0 8.8	27 F	0049 0501 1157 1957	5.7 6.2 -0.3 8.4
13 F	0029 0454 1219 2008	5.8 6.9 -1.4 8.8	28 SA	0142 0553 1233 2024	5.1 5.6 0.5 8.3
14 SA	0132 0610 1303 2044	5.1 6.3 -0.5 8.8	29 SU	0231 0703 1311 2053	4.5 5.1 1.3 8.1
15 SU	0237 0736 1349 2119	4.2 5.6 0.6 8.8	30 M	0330 0827 1350 2119	3.7 4.7 2.3 8.0

JULY 1975

DAY	TIME H.M.	HT. FT.	DAY	TIME H.M.	HT. FT.
1 TU	0415 1004 1432 2149	2.9 4.6 3.3 7.9	16 W	0412 1113 1507 2148	0.7 5.7 4.3 8.5
2 W	0501 1157 1517 2220	2.0 4.9 4.2 7.9	17 TH	0515 1256 1606 2230	-0.1 6.2 5.3 8.4
3 TH	0543 1330 1616 2252	1.1 5.5 5.1 7.9	18 F	0615 1412 1715 2321	-0.8 6.9 6.1 8.2
4 F	0624 1432 1715 2325	0.3 6.3 5.8 7.9	19 SA	0711 1507 1838	-1.2 7.4 6.4
5 SA	0706 1524 1821	-0.5 6.9 6.2	20 SU	0013 0758 1556 2009	7.9 -1.5 7.8 6.5
6 SU	0006 0749 1603 1929	7.9 -1.2 7.5 6.5	21 M	0102 0841 1635 2122	7.7 -1.5 8.1 6.3
7 M	0045 0829 1642 2029	8.0 -1.8 8.0 6.5	22 TU	0154 0918 1713 2215	7.4 -1.4 8.2 5.9
8 TU	0130 0910 1717 2127	8.0 -2.2 8.3 6.4	23 W	0243 0953 1745 2250	7.1 -1.1 8.3 5.6
9 W	0226 0951 1749 2219	7.9 -2.3 8.6 6.0	24 TH	0329 1025 1813 2325	6.8 -0.7 8.2 5.1
10 TH	0318 1033 1819 2315	7.7 -2.1 8.7 5.4	25 F	0417 1100 1838	6.5 -0.2 8.1
11 F	0417 1117 1851	7.3 -1.6 8.8	26 SA	0000 0506 1132 1901	4.6 6.1 0.5 8.0
12 SA	0009 0523 1159 1923	4.6 6.8 -0.7 8.8	27 SU	0043 0558 1204 1922	4.0 5.7 1.2 7.8
13 SU	0106 0635 1241 1955	3.6 6.3 0.4 8.8	28 M	0121 0701 1239 1947	3.4 5.3 2.0 7.7
14 M	0205 0755 1327 2029	2.6 5.8 1.8 8.7	29 TU	0207 0813 1315 2014	2.8 5.1 2.9 7.6
15 TU	0308 0927 1415 2105	1.6 5.5 3.1 8.7	30 W	0256 0941 1354 2042	2.1 5.0 3.8 7.6
			31 TH	0348 1125 1442 2114	1.4 5.2 4.6 7.5

NOVEMBER 1975

DAY	TIME H.M.	HT. FT.	DAY	TIME H.M.	HT. FT.
1 SA	0215 0718 1332 2015	7.3 3.7 8.5 -0.2	16 SU	0329 0741 1337 2041	7.2 5.4 8.0 0.2
2 SU	0321 0815 1409 2101	8.0 4.4 8.6 -1.2	17 M	0417 0829 1400 2109	7.7 5.8 7.9 -0.4
3 M	0421 0909 1443 2143	8.5 5.1 8.6 -1.8	18 TU	0459 0911 1429 2141	8.1 6.1 7.9 -0.8
4 TU	0516 0958 1520 2225	8.9 5.6 8.4 -2.1	19 W	0538 0953 1457 2216	8.4 6.4 7.8 -1.1
5 W	0612 1051 1558 2309	9.0 6.0 8.2 -2.0	20 TH	0619 1039 1512 2252	8.6 6.6 7.8 -1.2
6 TH	0704 1144 1637 2353	9.0 6.3 7.8 -1.5	21 F	0659 1126 1537 2330	8.7 6.7 7.6 -1.2
7 F	0800 1244 1719	8.9 6.3 7.2	22 SA	0739 1218 1559	8.8 6.6 7.4
8 SA	0038 0854 1403 1811	-0.8 8.7 6.2 6.5	23 SU	0012 0819 1314 1641	-0.9 8.9 6.4 6.9
9 SU	0125 0941 1707 1917	0.0 8.6 5.7 5.9	24 M	0055 0858 1419 1814	-0.4 8.9 5.8 6.3
10 M	0213 1030 1803 2053	0.9 8.5 4.9 5.3	25 TU	0144 0937 1529 2017	0.4 8.9 5.0 5.7
11 TU	0305 1109 1842 2239	1.9 8.3 4.1 5.1	26 W	0237 1012 1637 2207	1.4 8.9 3.8 5.6
12 W	0356 1143 1914	2.7 8.2 3.3	27 TH	0332 1050 1736 2355	2.6 8.9 2.5 5.9
13 TH	0020 0453 1215 1932	5.4 3.6 8.1 2.4	28 F	0434 1125 1826	3.7 9.0 1.1
14 F	0137 0555 1242 1954	6.0 4.3 8.1 1.6	29 SA	0125 0537 1203 1915	6.7 4.8 9.0 -0.1
15 SA	0239 0648 1311 2012	6.6 4.9 8.0 0.9	30 SU	0238 0642 1244 1957	7.6 5.6 9.0 -1.1

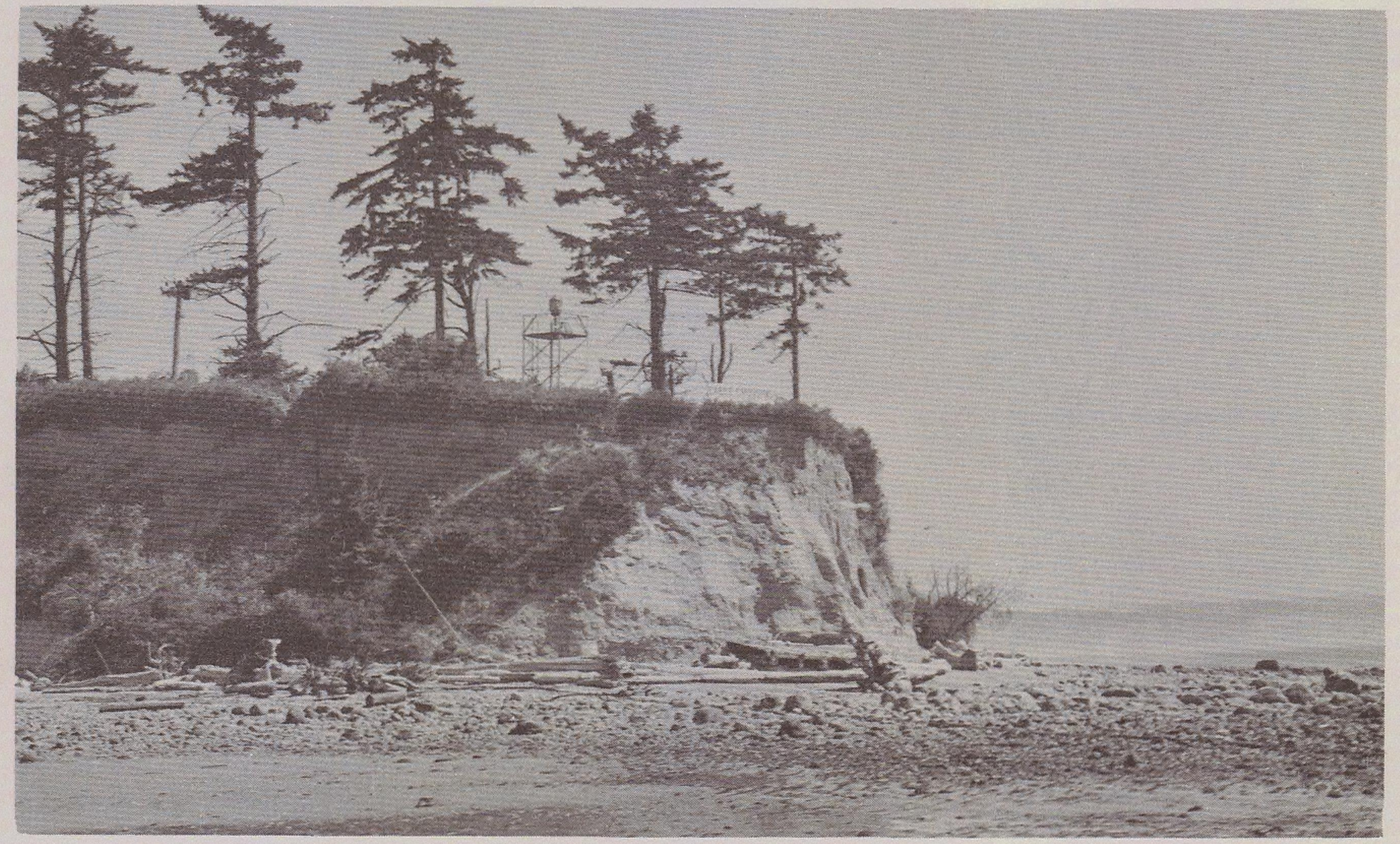
DECEMBER 1975

DAY	TIME H.M.	HT. FT.	DAY	TIME H.M.	HT. FT.
1 M	0340 0748 1323 2044	8.4 6.3 9.0 -1.8	16 TU	0415 0750 1311 2043	8.1 6.9 8.3 -0.8
2 TU	0435 0850 1405 2126	9.0 6.7 8.8 -2.2	17 W	0454 0843 1343 2119	8.5 7.0 8.3 -1.3
3 W	0521 0947 1444 2208	9.3 6.9 8.6 -2.1	18 TH	0529 0934 1418 2155	8.8 7.1 8.2 -1.5
4 TH	0609 1044 1529 2249	9.5 6.9 8.2 -1.8	19 F	0604 1023 1454 2232	9.1 7.0 8.1 -1.5
5 F	0655 1145 1611 2328	9.5 6.8 7.7 -1.2	20 SA	0637 1113 1539 2310	9.2 6.7 7.8 -1.3
6 SA	0734 1245 1657	9.4 6.5 7.1	21 SU	0710 1206 1631 2352	9.3 6.3 7.4 -0.8
7 SU	0007 0816 1415 1749	-0.5 9.2 6.1 6.4	22 M	0739 1302 1740	9.3 5.7 6.8
8 M	0049 0855 1615 1858	0.4 9.0 5.4 5.7	23 TU	0033 0811 1401 1900	0.1 9.3 4.8 6.2
9 TU	0128 0927 1717 2031	1.4 8.8 4.6 5.2	24 W	0119 0844 1503 2034	1.1 9.3 3.7 5.8
10 W	0211 0959 1746 2218	2.4 8.7 3.7 5.0	25 TH	0204 0919 1606 2221	2.4 9.3 2.5 5.7
11 TH	0255 1031 1816	3.5 8.5 2.9	26 F	0257 0955 1705	3.8 9.2 1.3
12 F	0013 0347 1103 1845	5.4 4.5 8.4 2.0	27 SA	0018 0355 1034 1802	6.2 5.0 9.2 0.2
13 SA	0138 0446 1135 1908	6.0 5.3 8.4 1.2	28 SU	0144 0502 1120 1855	7.1 6.1 9.1 -0.7
14 SU	0241 0546 1204 1935	6.8 6.0 8.3 0.4	29 M	0249 0618 1205 1945	7.9 6.8 9.0 -1.4
15 M	0330 0651 1236 2010	7.5 6.5 8.3 -0.3	30 TU	0345 0733 1251 2030	8.6 7.1 8.8 -1.7
			31 W	0430 0846 1337 2113	9.0 7.2 8.6 -1.8

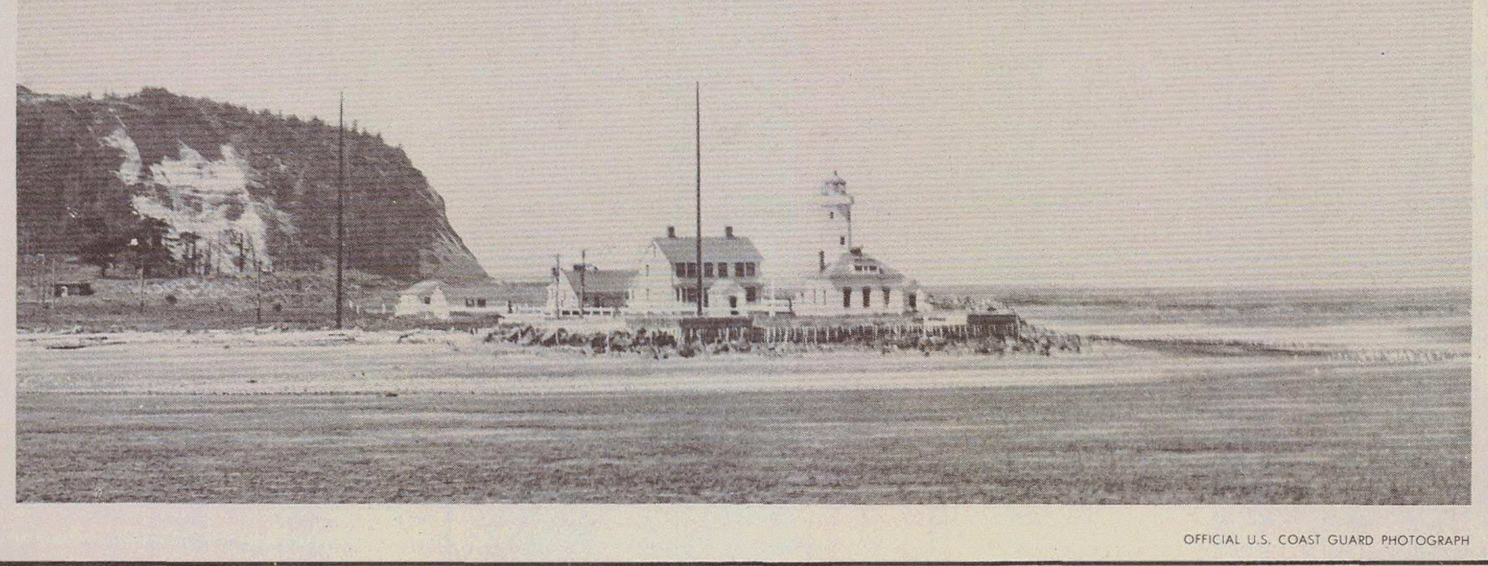
JANUARY 1976

DAY	TIME H.M.	HT. FT.	DAY	TIME H.M.	HT. FT.
1 TH	0509 0946 1435 2155	9.2 6.9 8.3 -1.4	16 F	0459 0914 1416 2136	8.8 6.7 8.2 -1.4
2 F	0550 1042 1521 2230	9.3 6.6 7.9 -1.0	17 SA	0527 1003 1508 2215	9.0 6.3 8.1 -1.3
3 SA	0626 1138 1609 2305	9.3 6.3 7.4 -0.5	18 SU	0554 1054 1601 2253	9.2 5.7 7.8 -0.9
4 SU	0701 1229 1659 2341	9.2 5.8 6.9 0.2	19 M	0625 1143 1659 2335	9.3 4.9 7.5 -0.2
5 M	0730 1315 1754	9.1 5.3 6.3	20 TU	0653 1236 1805	9.3 4.1 7.0
6 TU	0016 0800 1401 1856	1.0 8.9 4.8 5.8	21 W	0017 0725 1328 1918	0.8 9.3 3.2 6.5
7 W	0055 0827 1500 2011	2.0 8.7 4.1 5.3	22 TH	0059 0757 1427 2042	2.0 9.2 2.3 6.2
8 TH	0130 0856 1551 2147	2.9 8.6 3.4 5.2	23 F	0145 0834 1529 2226	3.3 9.1 1.4 6.1
9 F	0212 0928 1644 2344	3.9 8.4 2.6 5.4	24 SA	0234 0916 1632	4.5 9.0 0.6
10 SA	0257 1000 1733	4.8 8.3 1.8	25 SU	0009 0333 1002 1738	6.5 5.6 8.8 0.0
11 SU	0120 0353 1036 1815	6.1 5.7 8.2 1.1	26 M	0135 0443 1052 1837	7.2 6.4 8.6 -0.5
12 M	0225 0502 1115 1858	6.8 6.3 8.2 0.3	27 TU	0237 0608 1150 1931	7.8 6.8 8.4 -0.8
13 TU	0311 0611 1157 1937	7.4 6.8 8.2 -0.3	28 W	0326 0745 1245 2019	8.3 6.8 8.2 -0.9
14 W	0350 0721 1239 2016	8.0 7.0 8.2 -0.8	29 TH	0408 0906 1344 2101	8.6 6.5 7.9 -0.8
15 TH	0425 0821 1327 2055	8.5 6.9 8.2 -1.2	30 F	0446 0958 1436 2139	8.8 6.1 7.7 -0.5
			31 SA	0518 1037 1525 2212	8.9 5.6 7.4 -0.1

TIME MERIDIAN 120° W. 0000 IS MIDNIGHT. 1200 IS NOON.
HEIGHTS ARE RECKONED FROM THE DATUM OF SOUNDINGS ON CHARTS OF THE LOCALITY WHICH IS MEAN LOWER LOW WATER.



DOUBLE BLUFF LIGHT



POINT WILSON LIGHT

STORM SIGNALS	DAY SIGNALS	NIGHT SIGNALS
SMALL CRAFT ADVISORY Winds from 18 to 33 knots Check radio for latest marine weather forecasts.		
GALE WARNING Winds forecast from 34-47 knots.		
STORM WARNING Winds forecast from 48-63 knots.		
HURRICANE WARNING Winds forecast 64 knots and above.		

WHISTLE SIGNALS

Signal given by one boat is repeated by other boat if safe, and understood.
Use whistle signals when boats are in sight of each other in the daytime by sight of the boat itself, or by night by seeing its signal lights.
When approaching a bend, sound one long blast. If answered immediately upon sighting other boat give usual passing signals.
A long blast is used as a warning signal when leaving a slip.

1 SHORT BLAST
Meeting head-on
Overtaking

2 SHORT BLASTS
Maintaining Course
Overtaking

3 SHORT BLASTS
Engine is going astern

4 OR MORE SHORT BLASTS
Danger, or first boats signal not understood, or considered dangerous.