



supplemental information.

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

Name	Place (LAT/LONG)	HEIGHT INFORMATION			
		Mean High Water	Mean Low Water	Mean Low Water	Ext Low
Barview	(45°34'N/123°57'W)	7.5	6.8	1.1	
Miami Cove	(45°33'N/123°54'W)	7.4	6.7	1.1	
Bay City	(45°31'N/123°54'W)	7.1	6.4	1.0	
Tillamook, Hoquarten Slough	(45°28'N/123°51'W)	6.6	5.9	0.7	

(102)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1)
Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo Morse code	R TR radio tower
Al alternating	IQ interrupted quick	N run	Rot rotating
B black	Is isophase	OBSC obscured	s seconds
Bn beacon	LT lighthouse	Oc occulting	SEC sector
C can	M nautical mile	Or orange	St M statute mile
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHIS whistle
		R Bn radiobeacon	Y yellow

Bottom characteristics:
Blc boulders
bk broken
Cl clay
Co coral
G gravel
Gr grass
gy gray
h hard
M mud
Oys oysters
Rk rock
S sand
so soft
Sh shells
sy sticky

Miscellaneous:
AUTH authorized
ED existence doubtful
Obsn obstruction
PA position approximate
PD position doubtful
Rpt reported
Subm submerged

(2) Rocks that cover and uncover, with heights in feet above datum of soundings.
COLREGS: International Regulations for Preventing Collisions at Sea, 1972.
Demarcation lines are shown thus: ---

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, and U.S. Coast Guard.

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.