16606
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LORAN-C
GENERAL EXPLANATION

LORAN-C FREQUENCY 100kHz
PULSE REPETITION INTERVAL
7960 ..... 79.600 Microseconds
STATION TYPE DESIGNATORS: (Not individual station letter designators)
M ..... Master
W ..... Secondary
X ..... Secondary
Y ..... Secondary
Z ..... Secondary
EXAMPLE: 7960-X

RATES ON THIS CHART
7960-X 7960-Y
The Loran-C lines of position overprinted on this chart have been prepared for use with ground wave signals and are presently compensated only for theoretical propagation delays which have not yet been verified by observed data. Mariners are cautioned not to rely entirely on the lattices in inshore waters. Skywave corrections are not provided.

COLREGS, 82-1705 (see note A)
International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

SOUNDINGS IN FATHOMS

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1)

Lights (Lights are white unless otherwise indicated.)
F. fixed; Fl. flashing; Qk. quick; Gp. group; E. int. equal interval; Mo. (A) morse code; Occ. occulting; Alt. alternating; (Qk. interrupted quick; OBSC. obscured; Alt. alternating; M. nautical miles; Rot. rotating; SEC. sector; m. minutes; sec. seconds

Buoys: T B temporary buoy; C. can; N. num; S. spar; B. black; R. red; Or. orange; G. green; W. white; Y. yellow

Bottom characteristics
Cl. clay; Co. coral; G. gravel; Grs. grass; M. mud; Pk. rock; S. sand; Sh. shells; hrd. hard; rky. rocky; sft. soft; stk. sticky; bk. black; br. brown; bu. blue; gn. green; gr. gray; rd. red; wh. white; yl. yellow

21 (4) Wreck, rock obstruction or shoal swept clear to the depth indicated
Rocks that cover and uncover, with heights in feet above datum of soundings

AERO aeronautical; R. Bn. radiobeacon; C. G. Coast Guard station; Bn. daybeacon; R. TR. radio tower; D. F. S. distance finding station
AUTH. authorized; Obstr. obstruction; P.A. position approximate; E.D. existence doubtful

CAUTION
Mariners are urged to use caution when navigating in the area of this chart due to possible changes in depths and shoreline as a result of the earthquake of March 27, 1964.

HEIGHTS
Elevation of rocks, bridges, landmarks and lights are in feet and refer to Mean High Water. Contour and summit elevation values are in feet and refer to Mean Sea Level.

UNITED STATES
ALASKA – SOUTH COAST

BARREN ISLANDS

Mercator Projection
Scale 1:77,062 at Lat. 58°50'
North American 1927 Datum
SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

Formerly C&GS 8532, 1st Ed., June 1934 C-1933-398

TIDAL INFORMATION

Place Name	(Lat/Long)	Height referred to datum of soundings (MLLW) Mean Higher High Water feet	Mean High Water feet	Mean Tide Level feet	Mean Lower Low Water feet	Extreme Low Water feet
Ushagat Island	(58°57'N./152°16'W.)	18.7	12.9	7.2	0.5	+4.5
Carry Inlet, Shuyak I.	(58°35'N./152°31'W.)	13.1	12.3	6.9	0.0	−4.5

(679)

AUTHORITIES
Hydrography and topography by the National Ocean Survey (formerly the Coast and Geodetic Survey) with additional data from the U.S. Coast Guard and Geological Survey.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 9 for important supplemental information.

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

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

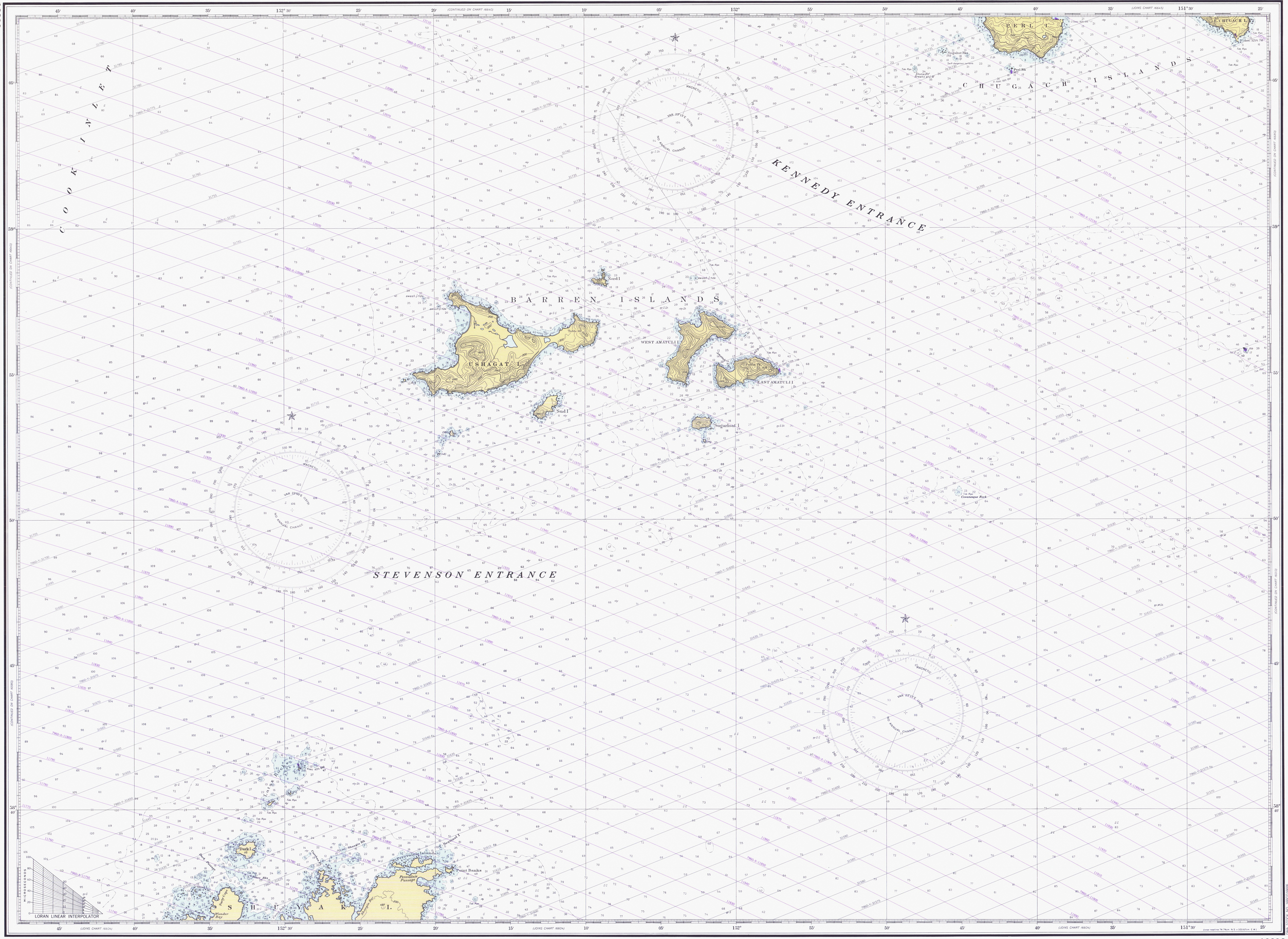
NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.
Homer WXJ-24 162.40 MHz

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 9, or weekly Notice to Mariners which include new or revised regulations. Information concerning these regulations may be obtained at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.
Anchorage regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Juneau, Alaska.
Refer to section numbers shown with area designation.

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.

LORAN LINEAR INTERPOLATOR
Nautical Chart Catalog No. 3, Panels I, K



7th Ed., Oct. 20/79 ■
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CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic /Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the print date shown in the lower left hand corner.

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

FILE COPY

SOUNDINGS IN FATHOMS

FATHOMS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
FEET 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102
METERS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

(Barren Islands)
SOUNDINGS IN FATHOMS - SCALE 1:77,062

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