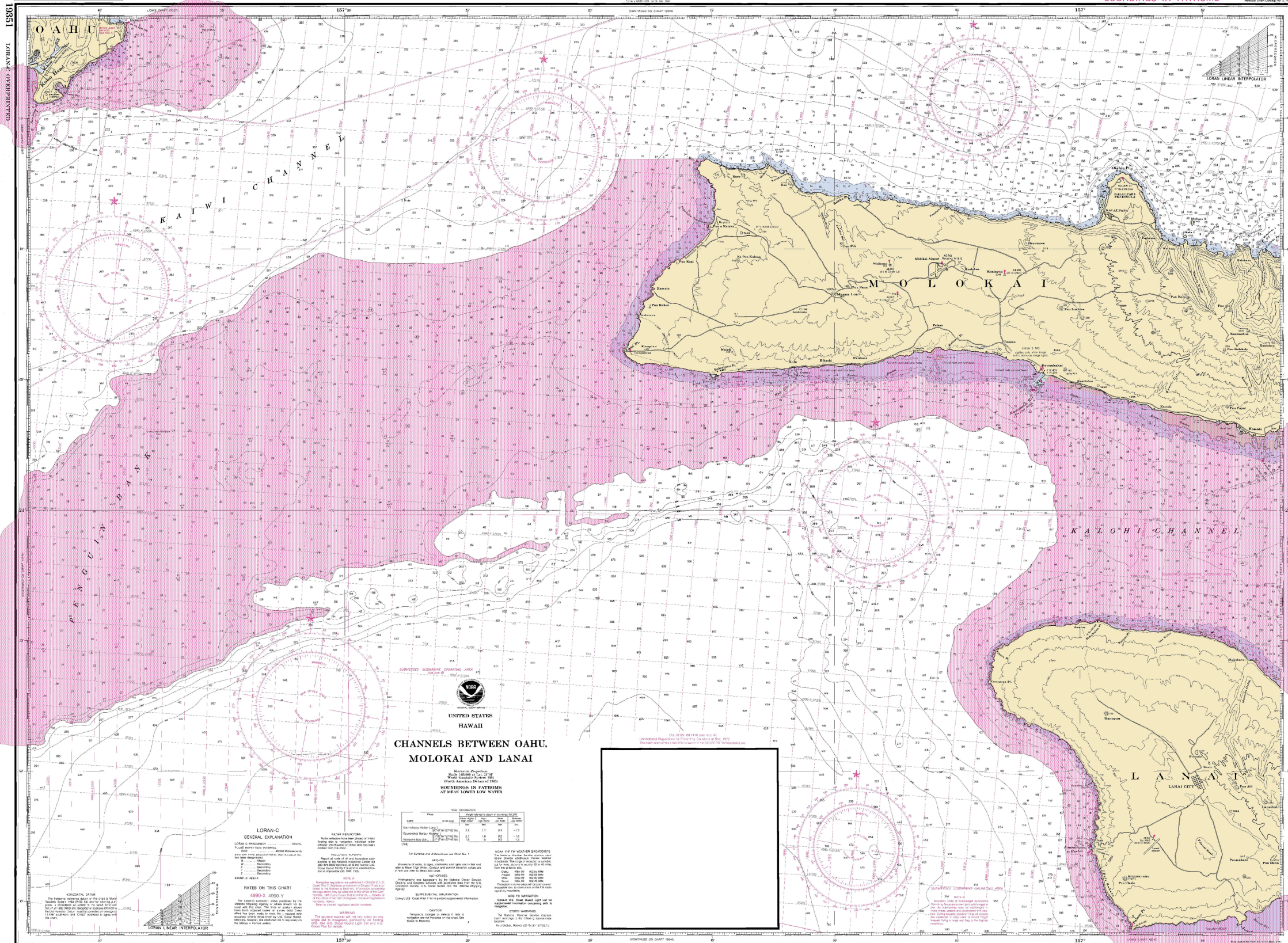


NOTE: Magnetic declination and correction for sounding instruments are given in the margin of this chart. The magnetic declination is given in degrees and minutes of arc. The magnetic declination is given for the year 1950. The magnetic declination for other years may be obtained by adding or subtracting the annual magnetic declination change. The magnetic declination change is given in minutes of arc per year. The magnetic declination change is given for the year 1950. The magnetic declination change for other years may be obtained by adding or subtracting the annual magnetic declination change.

SOUNDINGS IN FATHOMS



CHANNELS BETWEEN OAHU, MOLOKAI AND LANAI



UNITED STATES
HAWAII

NAVY DEPARTMENT
OFFICE OF CHIEF OF NAUTICAL SURVEYS
WASHINGTON, D. C. 20370

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

Year	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
Magnetic Declination	11° 17' 00"	11° 16' 00"	11° 15' 00"	11° 14' 00"	11° 13' 00"	11° 12' 00"	11° 11' 00"	11° 10' 00"	11° 09' 00"	11° 08' 00"	11° 07' 00"
Magnetic Variation	11° 17' 00"	11° 16' 00"	11° 15' 00"	11° 14' 00"	11° 13' 00"	11° 12' 00"	11° 11' 00"	11° 10' 00"	11° 09' 00"	11° 08' 00"	11° 07' 00"
Magnetic Deviation	0° 00' 00"	0° 00' 00"	0° 00' 00"	0° 00' 00"	0° 00' 00"	0° 00' 00"	0° 00' 00"	0° 00' 00"	0° 00' 00"	0° 00' 00"	0° 00' 00"
True Bearing	11° 17' 00"	11° 16' 00"	11° 15' 00"	11° 14' 00"	11° 13' 00"	11° 12' 00"	11° 11' 00"	11° 10' 00"	11° 09' 00"	11° 08' 00"	11° 07' 00"

LORAN-C

GENERAL EXPLANATION
LORAN-C PROCEEDURE
LORAN-C OBSERVATIONS
LORAN-C FIXES
LORAN-C LINES
LORAN-C AREAS
LORAN-C ZONES
LORAN-C CHANNELS
LORAN-C BOUNDARIES
LORAN-C INTERPOLATION

NOTES ON THIS CHART
The LORAN-C system is a radio navigation system consisting of two stations, one transmitting and one receiving. The transmitting station transmits a series of pulses, and the receiving station receives these pulses. The time difference between the reception of the two pulses is used to determine the position of the receiving station.

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SOUNDINGS IN FATHOMS

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