



THE NATIONAL CHARTMAKER SINCE 1807

# COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS BAHIA LAOLAO, SAIPAN ISLAND AND TINIAN HARBOR, TINIAN ISLAND

**HEIGHTS**  
Heights in meters above mean sea level. Values of heights in feet shown thus: (430 ft). Contour interval 50 meters (approximately 164 ft).

**GLOSSARY**  
Bahia ..... bay  
Legman ..... lagoon  
Puntan ..... harbor  
Puntan ..... point  
Ural ..... beach  
Isleta ..... island

**POLLUTION REPORTS**  
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8800 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

**SUPPLEMENTAL INFORMATION**  
Consult U.S. Coast Pilot 7 for important supplemental information.

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

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

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

**HORIZONTAL DATUM**  
The horizontal reference datum of this chart is World Geodetic System 1984 (WGS 84), which for charting purposes is considered equivalent to the North American Datum of 1983 (NAD 83). The projection for the TINIAN HARBOR panel of this chart was shifted from a local datum by means of a US Navy hydrographic survey. The projection for the BAHIA LAOLAO panel was shifted from a local datum by matching charted features to satellite imagery and a US Navy hydrographic survey. The accuracy of the BAHIA LAOLAO datum shift has not been confirmed and charted features may be displaced from their true geodetic positions.

**NOA encourages users to submit inquiries, discrepancies or comments about this chart at <http://www.nauticalcharts.noaa.gov/staff/contact.htm>.**

**SOUNDINGS IN FATHOMS**  
(FATHOMS AND FEET TO ELEVEN FATHOMS)  
REDUCED TO LOWEST NORMAL TIDES

Formerly H.O. 6083, 1st Ed., Apr. 1944

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

**CAUTION**  
Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117. Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution. Station positions are shown thus: (O) (accurate location), (o) (approximate location).

For Symbols and Abbreviations see Chart No. 1  
Additional information can be obtained at [nauticalcharts.noaa.gov](http://nauticalcharts.noaa.gov).

**NOAA WEATHER RADIO BROADCASTS**  
The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Saipan WMM-86 162.550 MHz

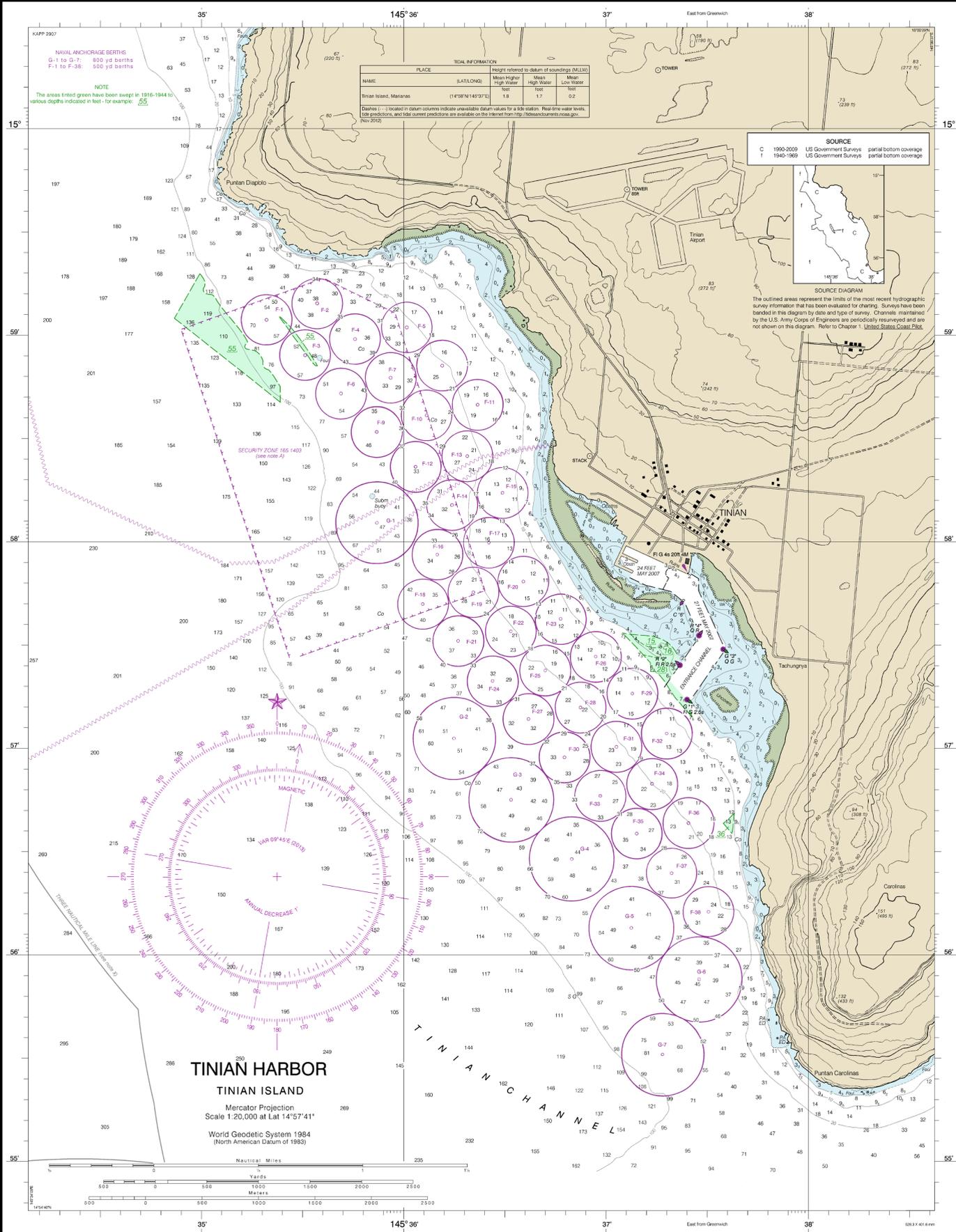
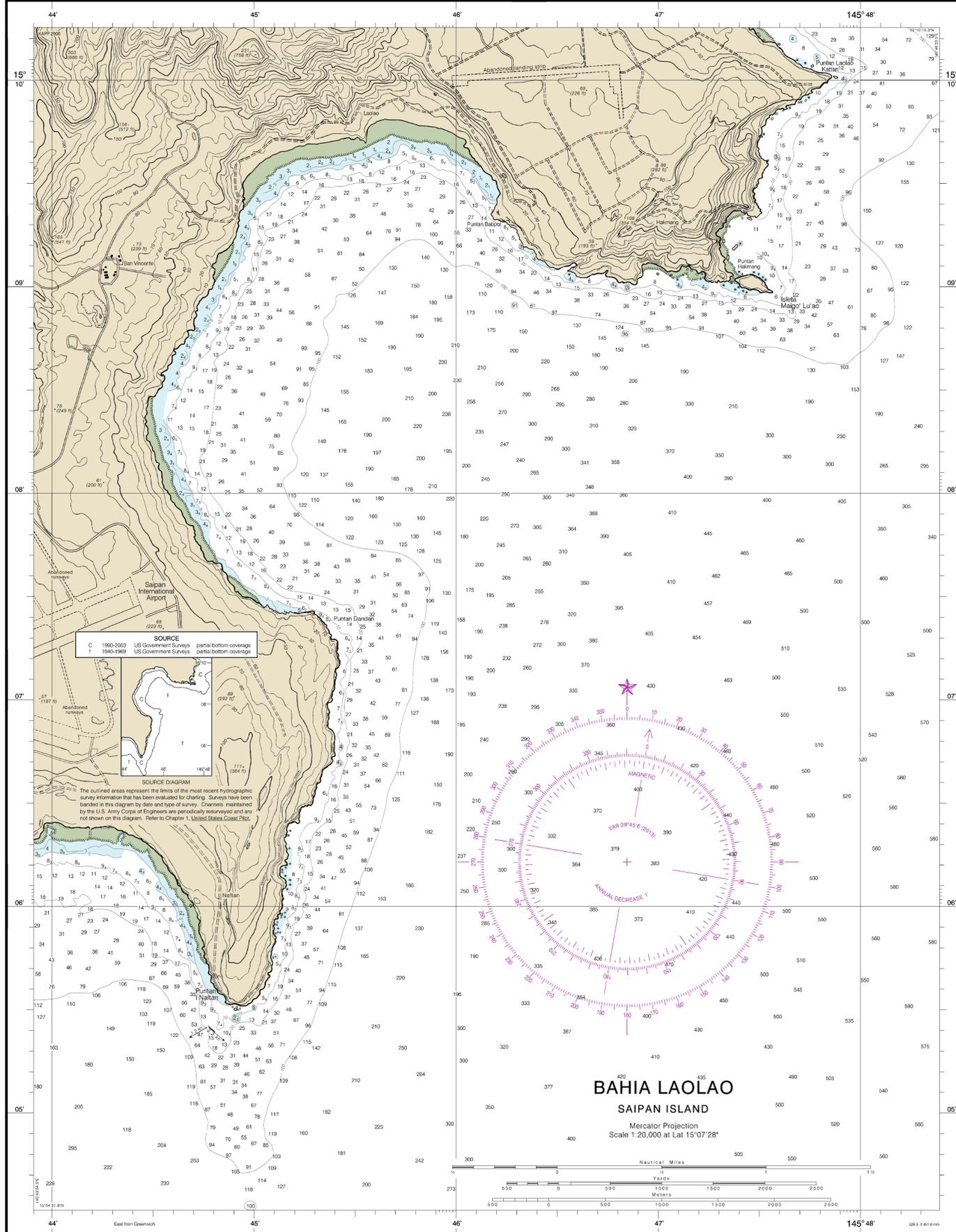
**CURRENT OBSERVATIONS**  
Harbor currents are light and variable. Maximum rate 0.2 knot. Average speed 0.1 knot.

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

**NOTE A**  
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 7. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 14th Coast Guard District in Honolulu, Hawaii or at the Office of the District Engineer, Corps of Engineers in Honolulu, Hawaii. Refer to charted regulation section numbers.

**NOTE X**  
Within the 12-nautical-mile Territorial Sea, established by Presidential Proclamation, some Federal laws apply. The Three Nautical Mile Line, previously identified as the outer limit of the territorial sea, is retained as it continues to depict the jurisdictional limit of the other laws. The broadest mile Neutral Resource Boundary off the Gulf coast of Florida, Texas, and Puerto Rico, and the Three Nautical Mile Line elsewhere remain in most cases the outer limit of Federal fisheries jurisdiction and the outer limit of the jurisdiction of the states. The 24-nautical-mile Contiguous Zone and the 200 nautical mile Exclusive Economic Zone were established by Presidential Proclamation. Unless fixed by treaty or the U.S. Supreme Court, these maritime limits are subject to modification.

## SOUNDINGS IN FATHOMS (FATHOMS AND FEET TO 11 FATHOMS)



81071

8th Ed., Feb. 2013. Last Correction: 6/18/2014. Cleared through: LNM: 5116 (12/20/2016), NM: 5316 (12/31/2016)

This chart was distributed as a PDF (Portable Document Format). Printing PDFs may alter the chart scale, color, or legibility that may impact suitability for navigation. Printed charts provided by NOAA certified Print on Demand (POD) providers fulfill a vessel's requirement to carry a navigational chart "published by the National Ocean Service" in accordance with federal regulations, including but not limited to 33 C.F.R. 164.33(a), 33 C.F.R. 164.72(b), and 46 C.F.R. 28.225(a). POD charts meet stringent print standards and can be recognized by an official certification of authenticity printed on the chart. A list of POD providers can be found at: [nauticalcharts.noaa.gov/pod](http://nauticalcharts.noaa.gov/pod)

## SOUNDINGS IN FATHOMS (FATHOMS AND FEET TO 11 FATHOMS)

Published at Washington, D.C.  
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE  
COAST SURVEY

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																																											
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120																																											
METERS	1.1	2.3	3.4	4.6	5.8	6.9	8.1	9.2	10.4	11.5	12.7	13.8	14.9	16.1	17.2	18.3	19.4	20.5	21.6	22.7	23.8	24.9	26.0	27.1	28.2	29.3	30.4	31.5	32.6	33.7	34.8	35.9	37.0	38.1	39.2	40.3	41.4	42.5	43.6	44.7	45.8	46.9	48.0	49.1	50.2	51.3	52.4	53.5	54.6	55.7	56.8	57.9	59.0	60.1	61.2	62.3	63.4	64.5	65.6	66.7	67.8	68.9	70.0

Bahia Laolao, Saipan Island and Tinian Harbor, Tinian Island  
SOUNDINGS IN FATHOMS - SCALE 1:20,000

81071