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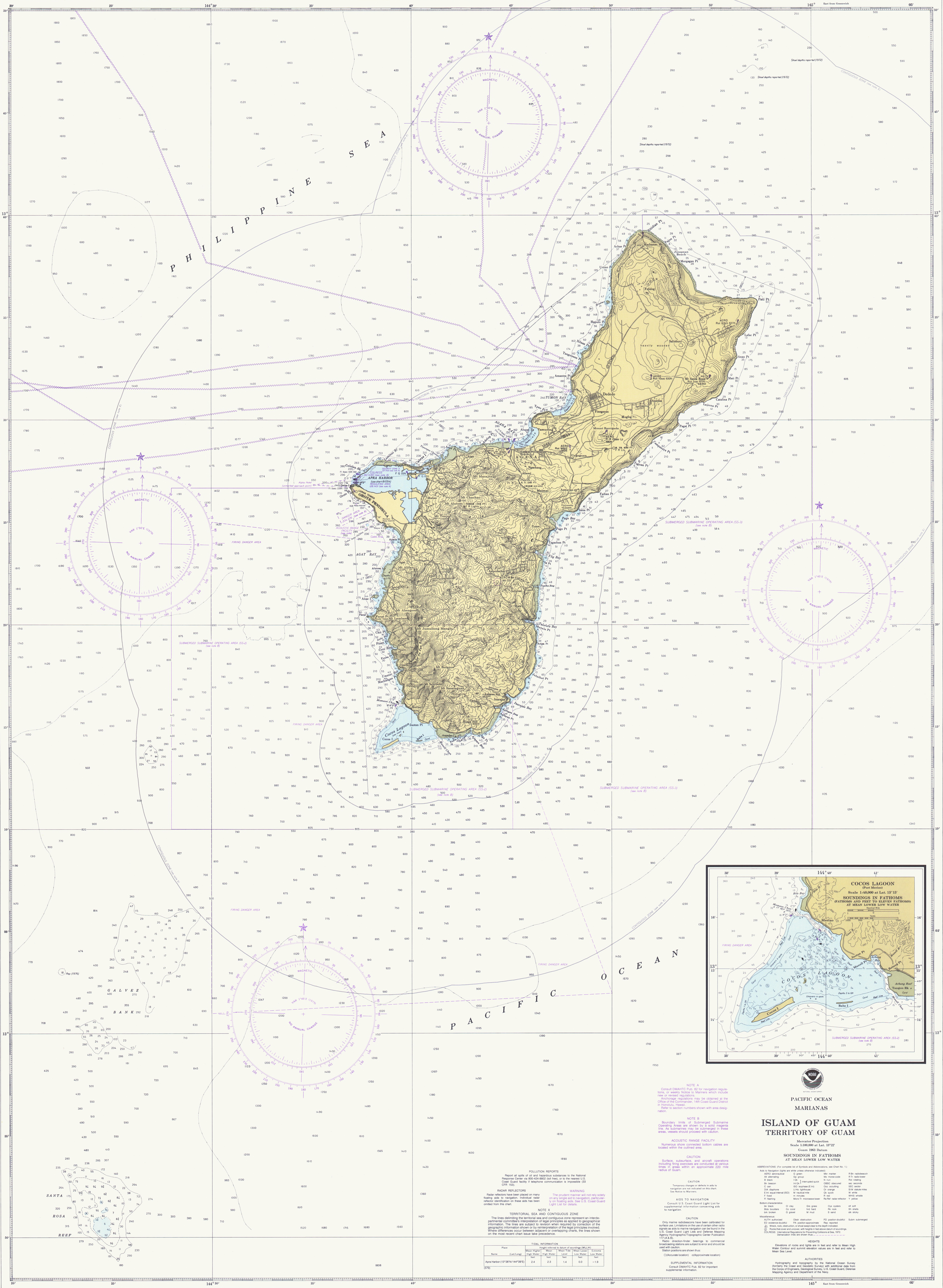
SOUNDINGS IN FATHOMS

Nautical Chart Catalog No. 2, Panel B

81048



NOTE A

Consult DMAHTC Pub. 82 for navigation regulations, or weekly Notice to Mariners which include new or revised regulations.

Anchorage regulations may be obtained at the Office of the Commander, 14th Coast Guard District in Honolulu, Hawaii.

Refer to section numbers shown with area designation.

NOTE B

Boundary limits of Submerged Submarine Operating Areas are shown by a solid magenta line. As submarines may be submerged in these areas, vessels should proceed with caution.

ACOUSTIC RANGE FACILITY

Numerous shore connected bottom cables are located within the outlined area.

CAUTION

Surface, subsurface, and aircraft operations including firing exercises are conducted at various times in areas within an approximate 220 mile radius of Guam.

PACIFIC OCEAN

MARIANAS

ISLAND OF GUAM

TERRITORY OF GUAM

Mercator Projection
Scale 1:100,000 at Lat. 13°22'
Guam 1963 Datum

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

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

Aids to Navigation (lights are white unless otherwise indicated):
AERO aeronautical, Alt alternating, B black, Bn beacon, C can, DIA diaphone, E Int equal interval (ISO), F fixed, Fl flashing, G green, Gp group, I Qk / Int Qk interrupted quick, ISO isophase (E Int), Lt Ho lighthouse, M nautical mile, m minutes, Micro Tr microwave tower, Mkr marker, Mo morse code, N nun, OBSC obscured, Occ occulting, Or orange, Qk quick, R red, Ra Ref radar reflector, R Bn radiobeacon, R Tr radio tower, Rot rotating, sec seconds, SEC sector, St M statute miles, W white, WHIS whistle, Y yellow

Bottom characteristics:
bk black, Blds boulders, brk broken, Cl clay, Co coral, G gravel, Grs grass, hrd hard, M mud, Oys oysters, Rk rock, S sand, sft soft, Sh shells, stk sticky

Miscellaneous:
AUTH authorized, ED existence doubtful, Obstr obstruction, PA position approximate, PD position doubtful, Rep reported, Subm submerged
21 Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(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

Elevations of rocks 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.

AUTHORITIES

Hydrography and topography by the National Ocean Survey (formerly the Coast and Geodetic Survey) with additional data from the Corps of Engineers, Geological Survey, U.S. Coast Guard, Defense Mapping Agency and Department of the Navy.

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).

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.

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 for details.

NOTE X
TERRITORIAL SEA AND CONTIGUOUS ZONE

The lines delimiting the territorial sea and contiguous zone represent an interdepartmental committee's interpretation of legal principles as applied to geographical information. The lines are subject to revision when required by correction of the geographic information shown or by reinterpretation of the legal principles involved. Where differences occur between adjacent or overlapping charts, the lines shown on the most recent chart issue take precedence.

TIDAL INFORMATION

Place		Height referred to datum of soundings (MLLW)				
Name	(Lat/Long)	Mean Higher High Water	Mean High Water	Mean Tide Level	Mean Lower Low Water	Extreme Low Water
		feet	feet	feet	feet	feet
Apra Harbor	(13°26'N/144°39'E)	2.4	2.3	1.4	0.0	−1.9

(579)

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.

CAUTION

Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Hydrographic/Topographic Center Publication 117 (A & B).

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:
⊙(Accurate location) o(Approximate location)

SUPPLEMENTAL INFORMATION

Consult DMAHTC Pub. 82 for important supplemental information.

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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.

SOUNDINGS IN FATHOMS

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

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

(Island of Guam)
SOUNDINGS IN FATHOMS - SCALE 1:100,000

81048