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SCALE 1:20,000
Nautical Miles
Yards

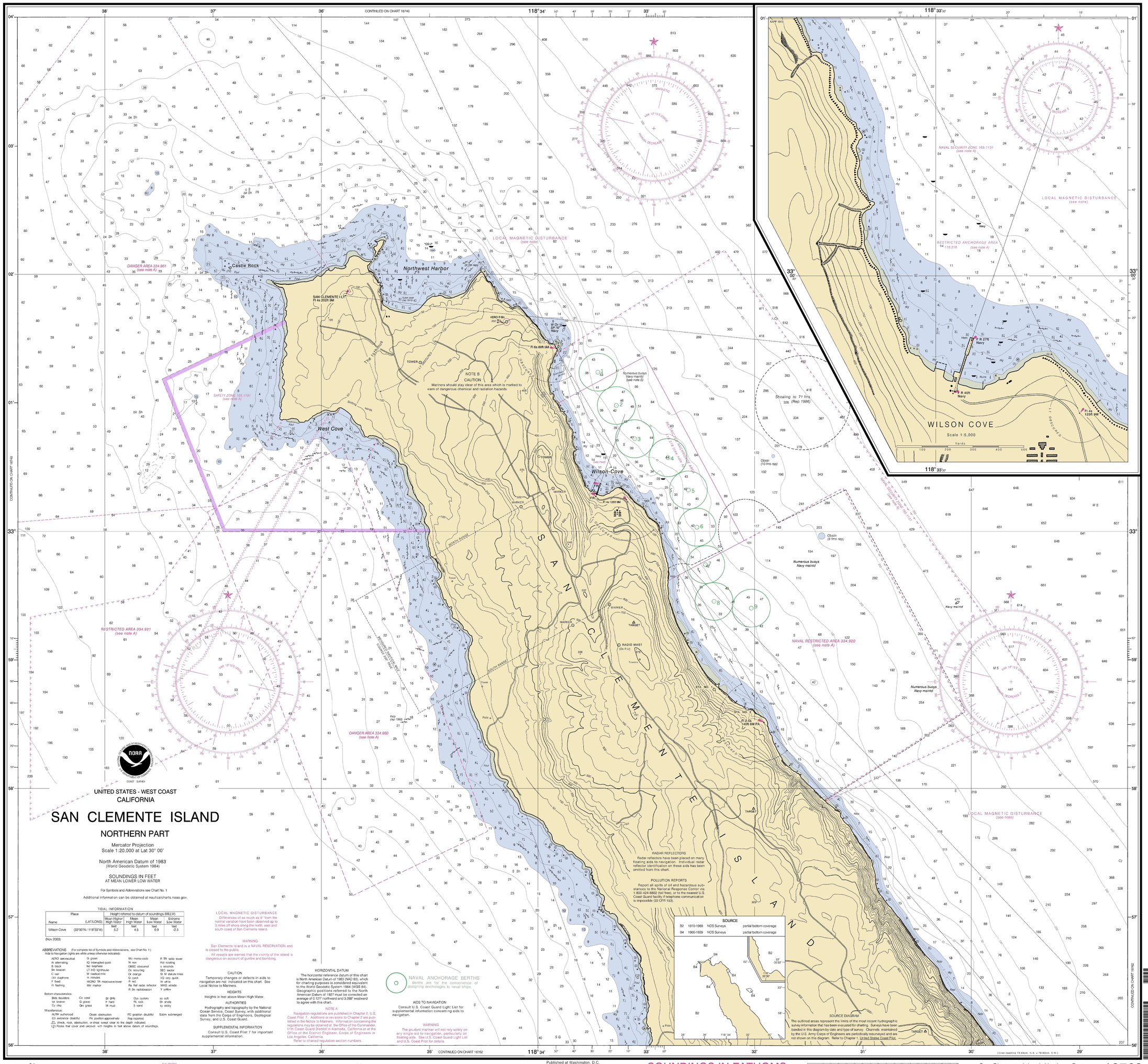
Formerly C&GS 5118, 1st Ed., May 1940 KAPP 1914

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

LOGARITHMIC SPEED SCALE
To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.

SOUNDINGS IN FATHOMS

18763



UNITED STATES - WEST COAST
CALIFORNIA

SAN CLEMENTE ISLAND

NORTHERN PART

Mercator Projection
Scale 1:20,000 at Lat 30° 00'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

For Symbols and Abbreviations see Chart No. 1

Additional information can be obtained at nauticalcharts.noaa.gov.

TIDAL INFORMATION

Place		Height referred to datum of soundings (MLLW)			
Name	(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
		feet	feet	feet	feet
Wilson Cove	(33°00'N / 118°33'W)	5.2	4.5	0.9	-2.5

(Nov 2003)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1)
Aids to Navigation (lights are white unless otherwise indicated):
AERO aeronautical
Al alternating
B black
Bn beacon
C can
Ch chaphone
F fixed
Fl flashing
G green
IQ interrupted quick
Iso isophase
LH HO lighthouse
M nautical mile
m minutes
MICRO TR microwave tower
Mkr marker
Mo morse code
N nun
Obscd obscured
Oc occulting
Or orange
Q quick
R red
Ra Ref radar reflector
R Bn radiobeacon
R TR radio tower
Rot rotating
s seconds
SEC sector
St M statute miles
VQ very quick
W white
WHS whistle
Y yellow

Bottom characteristics:
Blds boulders
bk broken
Cy clay
Co coral
Gl gravel
Grs grass
gy gray
h hard
M mud
Oys oysters
Pk rock
S sand
so soft
Sh shells
sy sticky

Miscellaneous:
AUTH authorized
Obstn obstruction
PD position doubtful
Subm submerged
ED existence doubtful
PA position approximate
Rep reported
Wk, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

LOCAL MAGNETIC DISTURBANCE
Differences of as much as 5° from the normal variation have been observed up to 3 miles off shore along the north, east and south coast of San Clemente Island.

WARNING
San Clemente Island is a NAVAL RESERVATION and is closed to the public.
All vessels are warned that the vicinity of the island is dangerous on account of gunfire and bombing.

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

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, Geological Survey, and U.S. Coast Guard.

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

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.121" northward and 3.288" westward to agree with this chart.

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, 11th Coast Guard District in Alameda, California or at the Office of the District Engineer, Corps of Engineers in Los Angeles, California.
Refer to charted regulation section numbers.

NAVAL ANCHORAGE BERTHS
Berths are for the convenience of assigning anchorages to naval ships.

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

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.

10th Ed., Feb. / 04 ■ Corrected through NM Feb. 28/04
Corrected through LNM Feb. 10/04
18763

CAUTION
This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner.

SCALE 1:20,000
Nautical Miles
Yards

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

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

San Clemente Island, Northern Part
SOUNDINGS IN FATHOMS - SCALE 1:20,000

18763

NSN 7642014011537
ed. no. 10
NGA REFERENCE NO. 18AHA18763