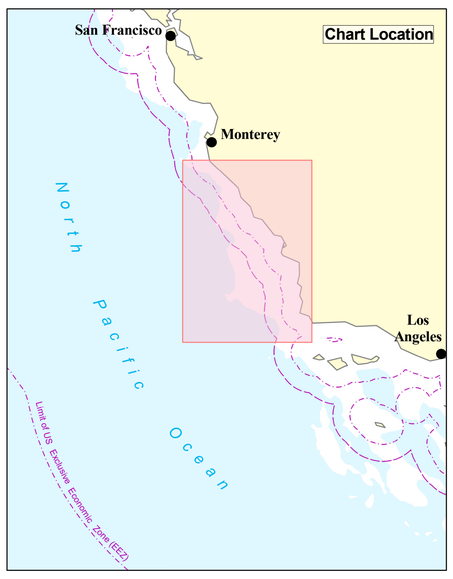


Emergency Contact Information

In the event you one become entangled in one of the submarine cables shown on this chart please contact the relevant owner listed on this chart 24 hours a day, seven days a week.

For General Information

For non-emergency information regarding any of the cable systems shown on this chart, or for marine planning purposes, please contact:

cableinfo@N-A-S-C-A.org

North American Submarine Cable Association

www.n-a-s-c-a.org

CALIFORNIA

POINT CONCEPTION TO POINT SUR

Mercator Projection
Scale 1:216,116 at Lat. 35°20'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

(For offshore navigation only)
Use larger scale charts outlined in magenta for inshore navigation

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

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
Bl black
Bn beacon
C can
DIA diaphone
F fixed
Fl flashing
G green
IQ interrupted quick
Iso isophase
LT HO lighthouse
M nautical mile
m minutes
MICRO TR microwave tower
Mkr marker
Mo morse code
N nun
OBSC 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:
Bldrs boulders
bk broken
Cy clay
Co coral
G gravel
Grs grass
gy gray
h hard
M mud
Oys oysters
Rk rock
S sand
so soft
Sh shells
sy sticky

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

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey with additional data from the Geological Survey and U. S. Coast Guard.

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

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.

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

NOTE B
CHEMICAL MUNITIONS DUMPING AREA - RESTRICTION
Site was formerly used or designated for U.S. chemical munitions dumping. Such use has been discontinued. Designation of such area in no way constitutes authority for dumping.

NOTE E
Submarine Pipelines and Cables
Uncharted submarine pipelines and cables may exist in the vicinity of oil well structures, and between such structures and the shoreline. Mariners should use caution when anchoring.

MINERAL DEVELOPMENT STRUCTURES
Obstruction lights and sound (fog) signals are required for fixed mineral development structures shown on this chart, subject to approval by the District Commander, U.S. Coast Guard (33 CFR 67).

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

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.

IMO AMENDED TRAFFIC SEPARATION SCHEME
Portions of the traffic separation scheme shown on this chart have been amended by the IMO. See IMO COLREG.2/Circ.64. Please be advised that these portions have not been revised by the United States Coast Guard and that the corresponding changes have not been updated in the Code of Federal Regulations (33 CFR part 167). There are differences between the two traffic separation schemes and caution is advised.

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 9-nautical mile Natural Resource Boundary off the Gulf coast of Florida, Texas, and Puerto Rico, and the Three Nautical Mile Line elsewhere remain in most cases the inner 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.

VESSEL TRANSITING
The U.S. Coast Guard and the Pacific States/British Columbia Oil Spill Task Force endorse a system of voluntary measures and minimum distances from shore for certain commercial vessels transiting along the coast anywhere between Cook Inlet, Alaska and San Diego, California. See U.S.Coast Pilot 7, Chapter 3 for details.

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.

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:
⊙(Accurate location) ○(Approximate location)

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 0.078" southward and 3.618" westward to agree with this chart.

NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio stations listed below provide 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.

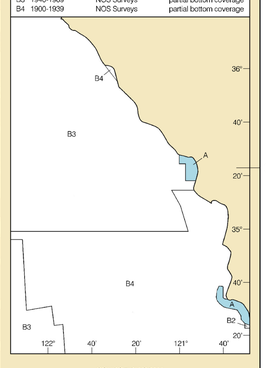
San Luis Obispo, CA	KIH-31	162.550 MHz
Santa Barbara, CA	KIH-34	162.400 MHz
Santa Barbara Marine, CA	WWF-62	162.475 MHz

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

CAUTION
SUBMARINE PIPELINES AND CABLES
Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:
Pipeline Area — Cable Area
Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.
Covered wells may be marked by lighted or unlighted buoys.

SOURCE

A	1990-2008	NOS Surveys	full bottom coverage
B2	1970-1989	NOS Surveys	partial bottom coverage
B3	1940-1969	NOS Surveys	partial bottom coverage
B4	1900-1939	NOS Surveys	partial bottom coverage



SOURCE DIAGRAM
The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SEA OTTER REFUGE
The State of California Fish and Game Code prohibits the use of bows or firearms and the trapping of birds or mammals in the California Sea Otter Game Refuge.

MONTEREY BAY NATIONAL MARINE SANCTUARY (protected area:15 CFR 922; see note A and National Marine Sanctuaries Note)

CAUTION PACIFIC MISSILE RANGE

CHEMICAL MUNITIONS DUMPING AREA DISUSED (see note B)

DANGER AREA 334.1130 Includes Zones 1 through 9 (see note A)

Limit of US Territorial Waters

Limit of US Contiguous Zone

China - US Seg E
TPC 5 Seg T1
Japan - US Seg 9
Southern Cross Seg D
China - US Seg S7
AAG Seg 5
HAW 5
Japan - US Seg 1
TPC 5 Seg G
PC 1 Seg E
PC 1 Seg S
PAC Seg 1
Global West Seg E
HAW 2A
HAW 3A
HAW 3B
TGN Pacific Seg G5

Chart 18703
Chart 18720
Chart 18721

NORTH PACIFIC OCEAN

Santa Lucia Bank
Santa Lucia Escarpment
Arguello Canyon

LEGEND

- NASCA Member Cables In Service
- NASCA Member Cables Out of Service
- Maritime Boundaries

General Note

These cables are plotted based on the best available data from cable owners and members of the North American Submarine Cable Association (NASCA) at the time of production.

Please be aware that there may be other cables in the area that are not depicted on this chart.

CABLE & CONTACT INFORMATION

Cable System	Status	Owner	Emergency Contact No.
AAG Segment 5	*In Service*	AT&T	1-866-466-2288, Prompt 5
China - US Segment E	*In Service*	AT&T	1-866-466-2288, Prompt 5
China - US Segment S7	*In Service*	AT&T	1-866-466-2288, Prompt 5
Global West Segment E	*In Service*	Zayo Networks	866-236-2824
HAW 2A & 3A	*OOS*	AT&T	1-866-466-2288, Prompt 5
HAW 3B	*OOS*	AT&T	1-866-466-2288, Prompt 5
HAW 5	*OOS*	AT&T	1-866-466-2288, Prompt 5
Japan - US Segment 1	*In Service*	AT&T	1-866-466-2288, Prompt 5
Japan - US Segment 9	*In Service*	AT&T	1-866-466-2288, Prompt 5
PAC Segment 1	*In Service*	Level 3	1-877-881-9205
PC 1 Segment E	*In Service*	PC Landing Corp	+44 7800 626888
PC 1 Segment S	*In Service*	PC Landing Corp	+44 7800 626888
Southern Cross Segment D	*In Service*	Verizon	1-877-572-8989
TGN Pacific Segment G5	*In Service*	Tata	1-732-282-4001
TPC 5 Segment G	*In Service*	AT&T	1-866-466-2288, Prompt 5
TPC 5 Segment T1	*In Service*	AT&T	1-866-466-2288, Prompt 5

NATURAL SCALE 1 : 216,116 at 35°20' N

0 5 10 15 Miles

0 5 10 15 Nautical Miles

SPHEROID & DATUM : WGS84

PROJECTION : MERCATOR

Notes:

This chart is intended for general reference only and **NOT FOR NAVIGATION PURPOSES.**

Please be aware that other cables may exist in addition to those shown on this chart.

SOUNDINGS IN FATHOMS
AT MEAN LOW WATER

CHART HISTORY

Produced by Charting Services
Global Marine Systems Limited, Chelmsford,
United Kingdom
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EDITION No. 4 November 2019

CHART BACKGROUND:

NOAA Chart 18700. 23rd Edition, September 2013

For more information see:
www.nauticalcharts.noaa.gov

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www.globalmarine.group

NASCA Cable Awareness Chart

California Region

Chart no. 18700

POINT CONCEPTION TO POINT SUR