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LORAN-C OVERPRINTED

1st Ed., Sept 1975

DEPTHS IN METERS

Nautical Chart Catalog No. 3, Panel A

INTERNATIONAL

CHART SERIES

NORTH PACIFIC OCEAN
BERING SEA (NORTHERN PART)

1:3,500,000 (22°30')

DEPTHS IN METERS
Depth contour interval 1000 meters
(Under 1000 at 30 and 200 meters)

HEIGHTS IN METERS

MERCATOR PROJECTION

NORTH AMERICAN 1927 DATUM

AUTHORITIES

Hydrography and topography by the United States National Ocean Survey with additional data from the United States Defense Mapping Agency Hydrographic/Topographic Center, United States Coast Guard and the Japanese Hydrographic Department.

MAGNETIC VARIATION

Magnetic variation curves are for 1979.0 derived from 1975.0 American World Chart model and accompanying secular change. If annual change is in same direction as variation it is additive and the variation is increasing. If annual change is opposite in direction to variation it is subtractive and the variation is decreasing.

International boundaries as shown are approximate.

DOUBTFUL DATA: Reported but unconfirmed depths or dangers are indicated by an encircling dotted line.

ABBREVIATIONS

For Symbols and Abbreviations see United States Chart No. 1.

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) ○(Approximate location)

AIDS TO NAVIGATION

Consult United States Coast Guard Light List for supplemental information concerning aids to navigation.

See United States Defense Mapping Agency Hydrographic / Topographic Center List of Lights and Fog Signals for information not included in the United States Coast Guard Light List.

CAUTION

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

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.

LORAN-C

GENERAL EXPLANATION

LORAN-C FREQUENCY ..... 100kHz.
PULSE REPETITION INTERVAL
9990 ..... 99.900 Microseconds
STATION TYPE DESIGNATORS: (Not individual station letter designators)
M ..... Master
W ..... Secondary
X ..... Secondary
Y ..... Secondary
Z ..... Secondary
EXAMPLE: 9990-X

RATES ON THIS CHART

9990-X 9990-Y 9990-Z

This chart has been prepared for use with ground wave signals. Skywave corrections are not provided. The Loran-C lines of position on this chart are computed based on all seawater paths.

CAUTION

Danger, Prohibited, and Restricted Areas falling within the limits of the larger scale charts are shown thereon and not repeated on this chart.

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).

UNION OF SOVIET SOCIALIST REPUBLICS

CHUKCHI SEA

BERING STRAIT

CHUKOTSKIY PENINSULA

ANADYRSKIY GULF

KRESTA GULF

BERING SEA

OLYUTORSKIY GULF

ALEUTIAN BASIN

UNITED STATES

SEWARD PENINSULA

NORTON SOUND

ST LAWRENCE I

NUNIVAK I

NELSON I

KOTZEBUE SOUND

UNITED STATES-RUSSIA CONVENTION OF 1867

LORAN LINEAR INTERPOLATOR

MICROSECONDS

Cape Vankarem
Mt Vankarem 340
Cape Onman
Cape Dzhenretlen
Cape Neskan
Cape Nelen
Cape Serdtse Kamen
Cape Bilgun
Mt Ikutau 641
Mt Namonny 926
Mt Innonnney 1350
Cape Ligven
CAPE DEZHNEVA
Big Diomede I (USSR)
Little Diomede I (USA)
Cape Prince of Wales
Brooks Mt 889
Cape York
Pt Spencer
Port Clarence
Mukacharni Mt 463
Mt Osborn 1439
Cape Woolley
Cape Rodney
NOME
Sledge I
Cape Nome
Cape Darby
Cape Denbigh
NORTON BAY
Besboro I
Stuart I
St Michael I
Pt Romanof
Kotzebue
Cape Blossom
Cape Krusenstern
NOATAK RIVER
BALDWIN PENINSULA
Cape Espenberg
NW Corner Lt
Sarichef I
Lowenstern
Shishmaref Inlet
Escholtz Bay
Chamisso I
Big Diomede I 3732
Uelen
Cape Dezhnev
Cape Krusenstern
Cape Schelagskoy
Konergino
Mt Zayachiy Kamen
Nutepenmen
Cape Chirikova
Cape Beringa
Cape Achichen
Cape Shpanberga
Cape Yakun
Cape Khalyutkina
Cape Nygchigen
Cape Navarin
Cape Iretgren
Cape Kyvynin
Cape Chaplina
Cape Navarin
Cape Shelagskoy
Cape Nunivak
Cape Etolin
Mt Arak 609
Arakamchechen I
Tytygram I
Nunivak Cape
Gravelli Ridge
Savoonga Depression
Stella Rocks
Singikpo Cape
Northeast Cape
Apavawok Cape
Punuk Is
Southeast Cape
Cape Upright
St Matthew I
Hall I
Cape Hall
Pinnacle I
Cape Vancouver
Cape Etolin
Cape Manning
Cape Mohican
Nash Hbr
Cape Corwin
Cape Mendenhall
CAPE AVINOF
Beacon Pt
Quinhagak
KUSKOKWIM BAY
Explorer Mt 814
Red Mt 879
Togiak Bay
CAPE NEWENHAM
Cape Peirce
Walrus Is
Sand Is
CAPE ROMANZOF
Dall Pt
Kashunuk River
Hooper Bay
Askinuk Mtn
Bethel
KUSKOKWIM RIVER
YUKON RIVER
Pastol Bay
Pt Romanof
Cape Olyutorskiy
Cape Kekuknevyy Ogonek
Cape Krasnyy
Cape Anadyr
Mt Ondel'nyy Konus 591
Mt Dal'niy Konus 681
Mt Piramidal'naya 1137
Cape Tamyrey
Mt Sredinnaya 823
Cape Vitgenshtreyna
Cape Gerbatyy
Cape Vyvskiy
Mt Sedla 900
Mt Zubets 1020
Cape Otvesnyy
Cape Bezymyannyy
Cape Navarin
Mt Konus 470
Cape Khatyrka
Mt Konus 820
Cape Rubikon
Mt Seraya 946
Cape Ntskiy
Cape Oranovstang
Mt Il'pi 568
Cape Ginitera
Cape Barykova
Mt Vetrovoy 1440
Cape Olyutorskiy
SHIRSHOV RIDGE
110-183m rep 1977
Tenedesi Shoal
Cape Hall
St Matthew I
Cape Upright
Hall I
Pinnacle I 1381
(NOAA) Subm buoy (20m rep)
Cape Peirce
Walrus Is
Togiak Bay
Red Mt 879
Explorer Mt 814
Cape Etolin
Cape Manning
Cape Mohican
Nash Hbr
Cape Vancouver
Cape Corwin
Cape Mendenhall
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Quinhagak
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Bethel
KUSKOKWIM RIVER
YUKON RIVER
Pastol Bay
Pt Romanof
Sand Is
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Kashunuk River
Hooper Bay
Askinuk Mtn
NELSON I
Etolin Strait
Nunivak I
Cape Rodney
Cape Woolley
Cape Nome
Cape Darby
Cape Denbigh
NORTON BAY
Besboro I
Stuart I
St Michael I
Pt Romanof
Pastol Bay
Cape Espenberg
NW Corner Lt
Sarichef I
Lowenstern
Shishmaref Inlet
Escholtz Bay
Chamisso I
Kotzebue
Cape Blossom
Cape Krusenstern
NOATAK RIVER
BALDWIN PENINSULA
KOTZEBUE SOUND
Cape Espenberg
Cape Lowenstern
Cape Prince of Wales
Brooks Mt
Cape York
Pt Spencer
Port Clarence
Mukacharni Mt
Mt Osborn
Cape Woolley
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Bethel
Kuskokwim River
Nelson I
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Nunivak I
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Cape Manning
Cape Mohican
Nash Hbr
Cape Corwin
Cape Mendenhall
Cape Avinof
Beacon Pt
Quinhagak
Kuskokwim Bay
Explorer Mt
Red Mt
Togiak Bay
Cape Newenham
Cape Peirce
Walrus Is
Sand Is
Cape Romanzof
Dall Pt
Cape Olyutorskiy
Cape Kekuknevyy Ogonek
Cape Krasnyy
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Mt Dal'niy Konus
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Cape Tamyrey
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Kotzebue Sound
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Brooks Mt
Cape York
Pt Spencer
Port Clarence
Mukacharni Mt
Mt Osborn
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Cape Rodney
Nome
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Cape Denbigh
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