CAUTION
CHANGES in BUOYAGE
Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

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LORAN-C OVERPRINTED

DEPTHS IN METERS

Nautical Chart Catalog No. 3 Panels I, M, N

1st Ed., April 1976

INTERNATIONAL

CHART SERIES

NORTH PACIFIC OCEAN
WEST COAST OF NORTH AMERICA
UNITED STATES – CANADA
DIXON ENTRANCE TO UNIMAK PASS

1:3,500,000 (22°30')
1:2,152,520 (55°30')

MERCATOR PROJECTION
NORTH AMERICAN 1927 DATUM

DEPTH IN METERS
Depth Contour interval, 1000 meters
Under 1000, at 30 and 200 meters)
HEIGHTS IN METERS

AUTHORITIES
Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the United States Defense Mapping Agency Hydrographic/Topographic Center, United States Coast Guard, and Canadian Hydrographic Service.

LOCAL MAGNETIC DISTURBANCE
Differences from the normal variation of as much as 14° have been observed along the Alaska Peninsula.

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

VESSEL TRAFFIC SERVICE
Recommended traffic lanes established in Prince William Sound are shown on NOS charts 16707, 16708, 16709 and 16700.

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

MAGNETIC VARIATION
Magnetic variation curves are for 1985.0 derived from 1985.0 American World Chart model and accompanying secular change. If annual change is in same directions 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.

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).

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 United States Coast Guard Light Lists and United States 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)

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.

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See United States Coast Guard Light List and United States Coast Pilot for details.

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

International boundary as shown is approximate.

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

LORAN-C
GENERAL EXPLANATION

LORAN-C FREQUENCY ..... 100kHz.
PULSE REPETITION INTERVAL
7960 ..... 79,600 Microseconds
9990 ..... 99,900 Microseconds
STATION TYPE DESIGNATORS: (Not individual station letter designators)
M ..... Master
W ..... Secondary
X ..... Secondary
Y ..... Secondary
Z ..... Secondary
EXAMPLE: 7960-X

RATES ON THIS CHART
7960-X 7960-Y
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.

LORAN LINEAR INTERPOLATOR
MICROSECONDS

LORAN LINEAR INTERPOLATOR
TENTHS OF MICROSECONDS

(JOINS CHART INT 513 & INT 814)
(JOINS CHART INT 513)
(JOINS CHART INT 811)

CONTINUED ON CHART INT 50

GULF OF ALASKA
NORTH PACIFIC OCEAN
ALASKA PENINSULA
BRISTOL BAY
KODIAK ISLAND
PORTLOCK BANK
ALBATROSS BANK
SANAK BANK
DAVIDSON BANK
SHUMAGIN ISLANDS
KENAI PENINSULA
PRINCE WILLIAM SOUND
GULF OF ALASKA SEAMOUNT PROVINCE
PATTON SEAMOUNTS
GILBERT SEAMOUNTS
ALEUTIAN TRENCH
ALASKA PLAIN
KODIAK SEAMOUNTS
QUEEN CHARLOTTE ISLANDS
DIXON ENTRANCE
CHATHAM STRAIT
FREDERICK SOUND
STEPHENS PASSAGE
LYNN CANAL
ICY STRAIT
CHICAGOF ISLAND
ADMIRALTY ISLAND
BARANOF ISLAND
KUPREANOF I
KUIU I
ZAREMBO I
KRUZOF I
UNIMAK I
NELSON I
NUNIVAK I
KUSKOKWIM BAY
ETOLIN STRAIT
KUSKOKWIM RIVER
UNIMAK PASS
SEMIDI IS
KRENITZIN ISLANDS
GRAHAM ISLAND
KUIU ISLAND
CANADA
UNITED STATES

ANCHORAGE
JUNEAU
SEWARD
KODIAK
CORDOVA
PETERSBURG
WRANGELL
KETCHIKAN
SITKA
YAKUTAT
CRAIG
HOONAH
PORT ALEXANDER
PELICAN
TENAKEE SPRINGS
HOMER
KENAI
SOLDOTNA
VALDEZ
WHITTIER
TOGIAK
DILLINGHAM
NAKNEK
KING SALMON
KOTZEBUE
NOME
BARROW
PORT HEIDEN
PORT MOLLER
COLD BAY
SAND POINT
KING COVE
CHIGNIK
PERRYVILLE
OLGA STRAIT
SEGUAM PASS
AMUKTA PASS
AMLIA PASS
UNALGA PASS
UNIMAK PASS
SEGUAM I
AMUKTA I
AMLIA I
UNALGA I
UNIMAK I
SEMISOPOCHNOI I
ATTU I
SHEMYA I
AGATTU I
NIZKI I
BULDIR I
KISKA I
ADAK I
AMCHITKA I
KANAGA I
TANAGA I
GREAT SITKIN I
KAGALASKA I
UMNAK I
UNALASKA I
AKUTAN I
AKUN I
SANAK I
DEER I
SUKLUK I
CHIRIKOF I
WOOD I
SPRUCE I
MARMOT I
AFOGNAK I
SHUYAK I
KODIAK I
TUGIDAK I
KAYAK I
MONTAGUE I
HINCHINBROOK I
KNIGHT I
HINCHINBROOK
CAPE HINCHINBROOK
CAPE YAKATAGA
CAPE ST ELIAS
CAPE SUCKLING
CAPE FAIREWEATHER
CAPE SPENCER
CAPE EDGECUMBE
CAPE DECISION
CAPE CHACON
CAPE MUZON
CAPE ORR
CAPE CHIRIKOF
CAPE KUBUGAKI
CAPE IGVAK
CAPE UYAK
CAPE ALITAK
CAPE GREIG
CAPE CHICHAGOF
CAPE NEWENHAM
CAPE PIERCE
CAPE CONSTANTINE
CAPE AVINOF
CAPE CORWIN
CAPE VANCOUVER
BEACON PT
HAZEN BAY
BETHEL
EXPLORER MT
RED MT
DILLINGHAM
TOGIAK BAY
WALRUS ISLANDS
NUSHAGAK BAY
ETOLIN PT
KVICHAK BAY
KUSKOKWIM BAY
MT DENISON
MT KATMAI
MT DOUGLAS
MT CHIGINAGAK
MT PAULIK
MT DANA
MT VERSTOVIA
MT MITROFANIA
MT SHISHALDIN
MT KUPREANOF
MT HAGEN
MT DENSON
MT ST ELIAS
MT KENNEDY
MT HUBBARD
MT SEATTLE
MT COOK
MT AYLESWORTH
MT HERBERT
MT FOSTER
MT HENRY CLAY
MT HAY
MT FAIREWEATHER
MT CRILLON
MT BAGOT
MT NESSELRODE
MT EDGECUMBE
HILL PK
HELM PK
CAPE OMMANEY
CAPE MANSFIELD
CAPE CHACON
CAPE MUZON
CAPE ORR
CAPE CHIRIKOF
CAPE KUBUGAKI
CAPE IGVAK
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MT AYLESWORTH
MT HERBERT
MT FOSTER
MT HENRY CLAY
MT HAY
MT FAIREWEATHER
MT CRILLON
MT BAGOT
MT NESSELRODE
MT EDGECUMBE
HILL PK
HELM PK
CAPE OMMANEY
CAPE MANSFIELD
Dall Seamount
Ely Seamount
Kiyacomini Seamount
Quinn Seamount
Surveyor Seamount
Point Seamount
Durgin Seamount
Applequist Seamount
Walker Seamount
Brown Seamount
Bowman Seamount
Baker Seamount
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Dickins Seamount
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Dutton Seamount
Chirikof Seamount
Marchand Seamount
Smook Seamount
Walls Knoll
Yacht Seamount
Gilbert Seamount
Stone Seamount
Wandesforth Seamount
Packer Seamount
Jones Seamount
Gibson Seamount
Bean Seamount
Laskowski Seamount
Whitney Ridge
Schoppe Tablemount
Pathfinder Seamount
Marton Seamount
Scott Seamount
Campbell Seamount
Peters Ridge
Murray Ridge
Sirius Seamount
Pulsara Seamount
Mentell Knoll
Pritchett Seamount
Sangfelier Seamount
Derickson Seamount
Lawrence Mershon
Kayak Island
Cape Hinchinbrook
Cape Yakataga
Cape St Elias (507)
Cape Suckling
Cape Fairweather
Cape Spencer
Cape Edgecumbe
Cape Decision
Cape Chacon
Cape Muzon
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Cape Avinof
Cape Corwin
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Beacon Pt
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Red Mt
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Togiak Bay
Walrus Islands
Nushagak Bay
Etolin Pt
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Mt Fairweather
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Mt Bagot
Mt Nesselrode
Mt Edgecumbe
Hill Pk
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Cape Ommaney
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Dall Seamount
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61° 60° 59° 58° 57° 56° 55° 54° 53° 52° 51° 50°

5th Ed., May 17/86 ■
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LORAN-C OVERPRINTED

DEPTHS IN METERS

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center to the date shown in the lower left hand corner.

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 Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

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

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

	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
	108	114	120	126	132	138	144	150	156	162	168	174	180	186	192	198	204	210	216
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36

West Coast of North America
Dixon Entrance to Unimak Pass
DEPTHS IN METERS - SCALE 1:3,500,000
(AT 22°30')

INT 810
500

DMA STOCK NO. WOP0500

1180.0 X 612.2mm