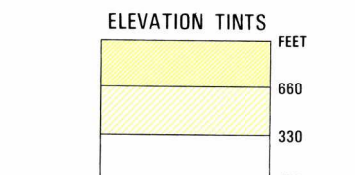


SERIES 1501 AIR SHEET NK 55-4 EDITION 3

SERIES 1501 COMPANION SHEET IS EDITION 1

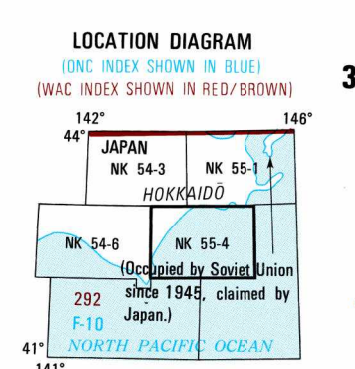


CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	305	10000	3048
900	274	9000	2743
800	244	8000	2438
700	213	7000	2134
600	183	6000	1829
500	152	5000	1524
400	122	4000	1219
300	91	3000	914
200	61	2000	610
150	46	1500	457
100	31	1000	305

RELIABILITY OF THIS GRAPHIC
Compiled from best available source materials.

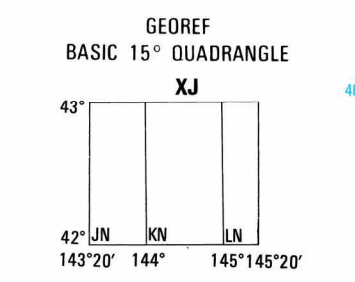
Horizontal Datum: Tokyo
Vertical Datum: Mean Sea Level
Transverse Mercator Projection



The Habomai-Is, Etorofu-Is, Kunashiri-Is, Shikotan-Is are occupied by Soviet Union since 1945, claimed by Japan.

GLOSSARY

baro	point
do	first order administrative division
gama	strait
hama	point
horasan	railroad
jima	island
kawa	stream
ko	harbor
misaki	point
numa	lake, pond
oaki	point
sani	hill, mountain
seni	railroad
shima	island
tsaki	mine
to	island
ya	bay
yama	hill, mountain
zaki	point
zan	hill, mountain



CAUTION
AIR INFORMATION CURRENT THROUGH
12 FEBRUARY 1987
Consult METAB and Flight Information Publications for the latest information, the DOD Aeronautical Chart Updating Manual or NOTIC to Aeronautical Chart Amendment document for other chart revision information.

LINE OF EQUAL MAGNETIC VARIATION
FOR 1985
(Annual rate of change, 3" increase)

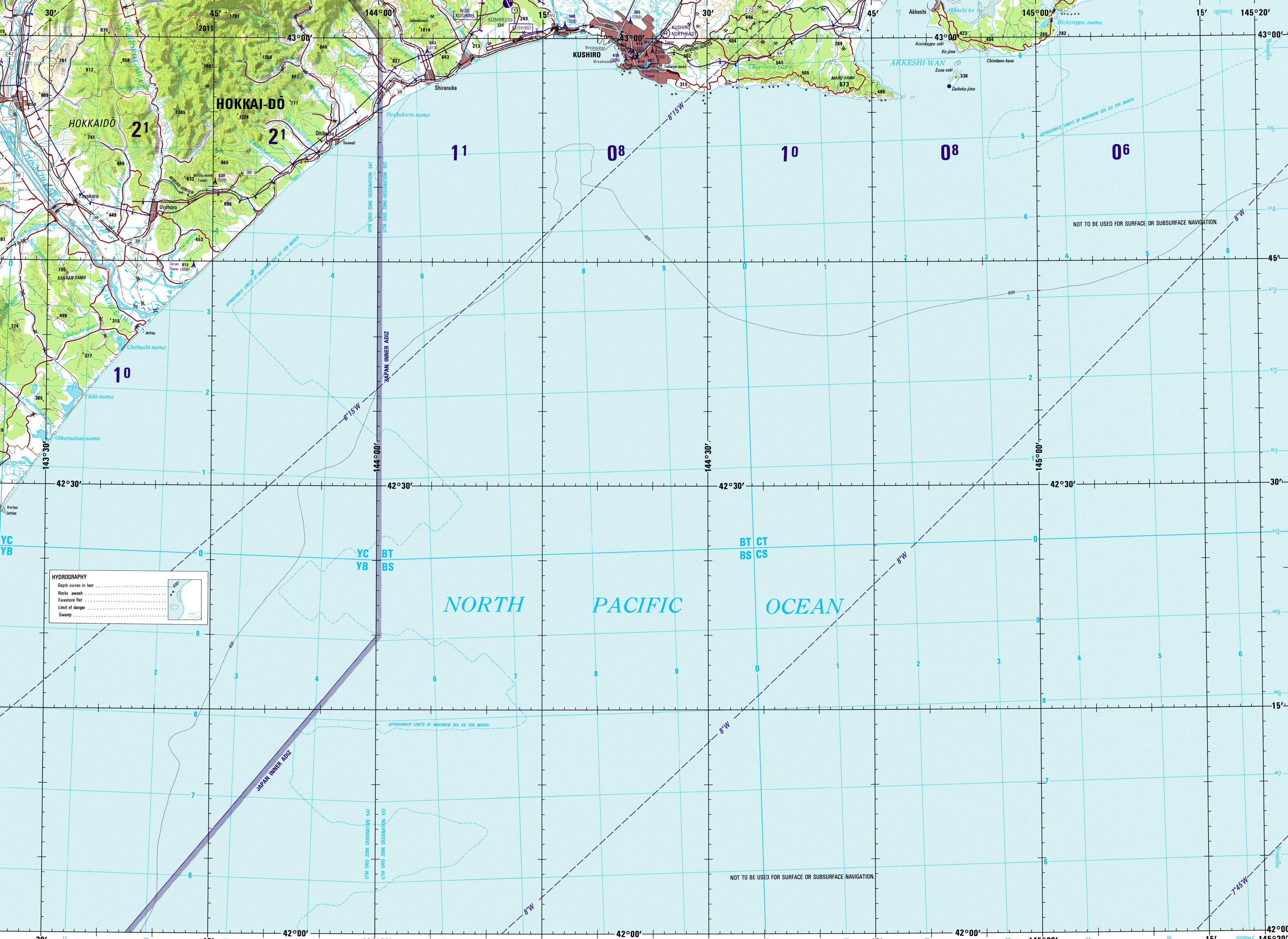
CAUTION
Vertical obstructions, including powerlines, have been selected from the most reliable source available. However, there is no assurance that all are shown, or that their locations or heights are exact.



SCALE 1:250,000
KUSHIRO, JAPAN

SERIES 1501 AIR SHEET NK 55-4 EDITION 3

SERIES 1501 COMPANION SHEET IS EDITION 1



HYDROGRAPHY

Depth curves in feet	.....
Rocks awash	.....
Foreshore flat	.....
Limit of danger	.....
Swamp	.....

SAMPLE 1000 METER GRID SQUARE

SAMPLE 1,000 METER REFERENCE

1. Read across identifying the 1000 meter square in which the point lies.	AB
2. Read down, number labeling the VERTICAL grid line left of the point.	1
3. Read right, number labeling the HORIZONTAL grid line below the point.	2
4. Combine with 1,000 meters from grid line to point.	AB 12

ROADS

Dual highway	.....	4 LANES EQUAL
All weather, hard surface:	.....	3 LANES
more than two lanes wide	.....	2 LANES
one lane wide	.....	1 LANE
All weather, loose surface:	.....	3 LANES
more than two lanes wide	.....	2 LANES
two lanes wide	.....	1 LANE
one lane wide	.....	1 LANE
Fair or dry weather, loose surface	.....	1 LANE
Track; trail	.....	1 LANE
Road marker	.....	40'

RAILROADS

Normal gauge 1,067m (3'5")	.....
Narrow gauge 762m (2'6")	.....
Tunnel: Railroad; Road	.....

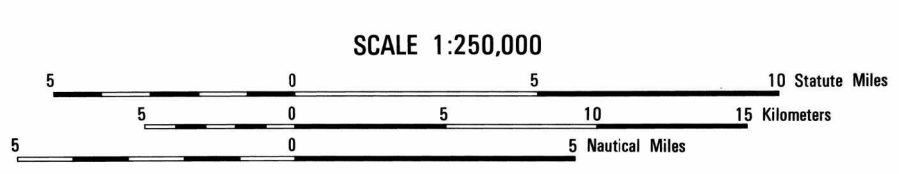
BOUNDARIES

International	.....
First order administrative	.....

VEGETATION

Woods:	.....
Rice	.....
Levee; Levee with road	.....

JOINT OPERATIONS GRAPHIC (AIR)



CONTOUR INTERVAL APPROXIMATELY 330 FEET

BLUE NUMBERED LINES INDICATE THE 1,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONES 54 AND 55, BESSER SPHEROID

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK:
1-800-455-6882; COMMERCIAL 314-263-4886; DSN 882-4886; OR WRITE TO DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: IS, MAIL STOP 1-98, 4800 SANGAREND ROAD, BETHESDA, MD 20815-5005.

AERODROMES (Military or Civil)

Runway pattern known	.....	EDNA/500	725
EDNA-Name	.....	50-Length of longest runway to nearest hundreds of feet	.....
S-Soft or unimproved surface	.....	U-Unknown surface	.....
725-Elevation	.....	Runway pattern unknown	.....

HELIPORT/HELIPAD

RADIO AIDS TO NAVIGATION

VHF OMNI RANGE (VOR)	.....
VORTAC	.....
TACAN	.....
VOR with DME	.....
Other facilities	.....

RADIO FACILITIES

RADIO RANGE LF/MF	.....	RNG
MULTIPLE RADIO FACILITIES	.....	MURN
	.....	ROB-RNG
	.....	PARIS

CONTROLLED AIRSPACE

ATLANTIC ADIZ

VISUAL AIDS AND OBSTRUCTIONS

Obstruction	.....	1108
1108-Elevation of obstruction top, above sea level	.....	(255)
(259)-Elevation of obstruction top, above ground level	.....
Group obstruction	.....
Radio facility obstruction	.....
Power transmission line	.....
Visual ground sign	.....	M
Aero light; Marine light	.....	*

TERRAIN ELEVATIONS

Spot elevation, normal; critical	.....	594
Highest known elevation is	.....	2011
Geographic	.....	43°01'N, 143°43'E
Grid	.....	YC285

Reprinted by NIMA 12-03

ATTENTION
THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)
The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions (towers, antennas, etc.).
EXAMPLE: 12,500 feet **125**

NOTES
Powerlines are shown except within populated place limits.
Other obstructions are shown if they are 200 feet or more above ground level. See caution note.
On this graphic a lane is generally considered as being 8 to 12 feet (2.44 to 3.66 meters) in width.

