SERIES 1501 AIR
SHEET NI 53-8
EDITION 4

SERIES 1501 COMPANION SHEET IS EDITION 3

LEGEND

POPULATED PLACES

Over 500,000	TŌKYŌ
100,000 to 500,000	GIFU
25,000 to 100,000	Yamaguchi
5,000 to 25,000	Kaitaichi

ROADS

Dual highway; under construction — 4 LANES DUAL CONST

All weather hard surface
- More than two lanes wide — 3 LANES
- Two lanes wide
- One lane wide

All weather, loose or light surface
- More than two lanes wide — 3 LANES
- Two lanes wide
- One lane wide

Fair or dry weather, loose surface
Cart track
Footpath, trail
Interchange; Route marker — 3

RAILROADS — Single track / Multiple tracks

Normal gauge 1.067m (3'6")
Narrow gauge .762m (2'6")
Station, position known; position unknown

BOUNDARIES

First-order administrative

TERRAIN ELEVATIONS

Highest known elevation is **3369** feet at the following coordinates:
Geographic — 35°00'N, 137°47'E
Grid — QJ5377
Spot elevation, normal; critical — • 320 • 784
Horizontal control point
Landmark feature; Church; School
Levee

VEGETATION

Woods; Orchard

HYDROGRAPHY

Swamp; Rice
Depth curve — 600
Exposed wreck; Dam
Pier, seawall; Aqueduct: Above ground; underground
Rock, uncovering or awash
Foreshore flat; Salt evaporator
Limit of danger; Large reef or rocky ledge

AERODROMES (Military or Civil)

Field limits with runway pattern — EDNA/50/s 725
- EDNA-Name
- 50-Length of longest runway to nearest hundreds of feet
- s-Soft or unimproved surface
- u-Unknown surface
- 725-Elevation

Field limits, with runway pattern unknown
Field limits unknown, with runway pattern
Field limits and runway pattern unknown
HELIPORT — H

VISUAL AIDS AND OBSTRUCTIONS

Obstruction — 1108 (259)
1108-Elevation of obstruction top, above sea level.
(259)-Elevation of obstruction top, above ground level.

Group obstruction
Radio facility obstruction
Power transmission line
Visual ground sign — M
Aero light; — ☆

RADIO FACILITIES

RADIO RANGE LF/MF — RNG HURN
MULTIPLE RADIO FACILITIES — NDB-RNG PARIS

CONTROLLED AIRSPACE

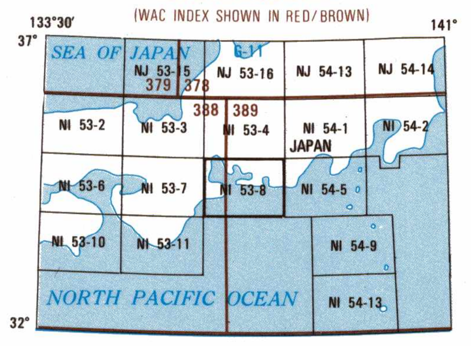
ADIZ — ATLANTIC ADIZ

CAUTION
AIR INFORMATION CURRENT THROUGH
1 JULY 1983
Consult NOTAMS and Flight Information Publications for the latest air information; the DOD Aeronautical Chart Updating Manual or MOD (U. K.) Aeronautical Chart Amendment document, for other chart revision information.

LINES OF EQUAL MAGNETIC VARIATION FOR 1980
(Annual rate of change 1' increase)

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 (trees, towers, antennas, etc.). In areas of extensive unreliable relief, the MEF is shown by a note spaced across the area.
EXAMPLE: 12,500 feet — 12⁵

LOCATION DIAGRAM
(ONC INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED/BROWN)



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SCALE 1:250,000
TOYOHASHI, JAPAN

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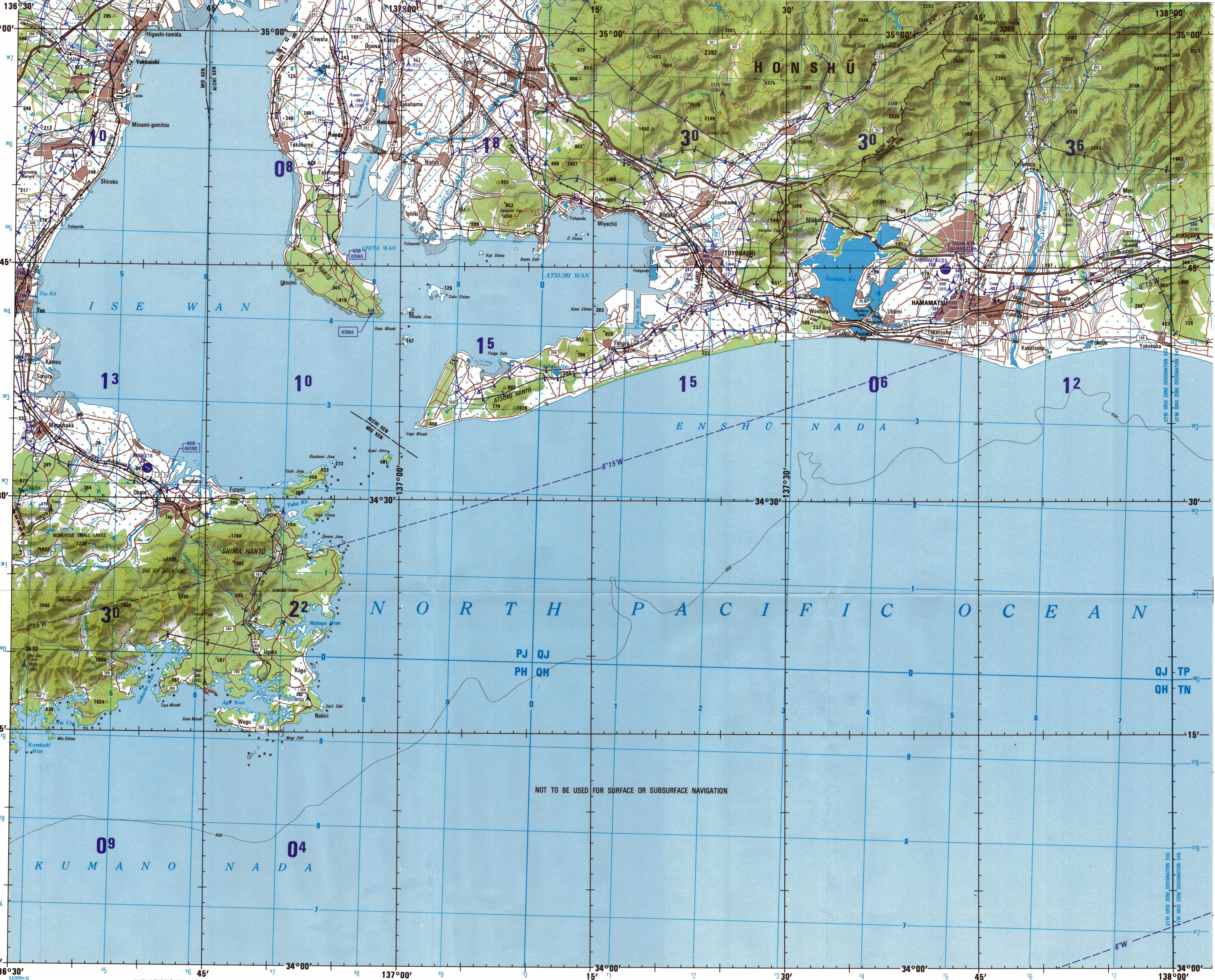

Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D. C.
Compiled 1982.

ELEVATIONS IN FEET
DEPTHS IN FEET

JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL APPROXIMATELY 330 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 53, BESSEL SPHEROID.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-0899; COMMERCIAL 314-260-5032; DSN 490-5032; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN.: COD, MAIL STOP P-37, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

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

SAMPLE 10,000 METER GRID SQUARE
(Sample point; grid values 1, 2, 33, 34)
100,000m SQUARE INDENTIFICATION
See Body of Map
GRID ZONE DESIGNATION
53S

SAMPLE 1,000 METER REFERENCE
1. Read letters identifying the 100,000 meter square in which the point lies: AB
2. Read large number labeling the VERTICAL grid line left of point: 1
Estimate tenths (1,000 meters) from grid line to point: 2
3. Read large number labeling the HORIZONTAL grid line below point: 3
Estimate tenths (1,000 meters) from grid line to point: 4
Example: AB1234
WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.
Example: 53SAB123456

ELEVATIONS IN FEET
DEPTHS IN FEET

GLOSSARY

Gawa	stream
Goe	pass
Hantō	peninsula
Honsen	railroad
Ike	lake
Jima	island
Kawa	stream
Ken	first-order administrative division
Ko	lake
Kō	harbor
Kōsokudōro	highway
Misaki	cape, point
Nada	sea
Saki	cape, point
San	mountain
Sen	railroad
Shima	island
Shinkansen	railroad
Take	mountain
Tōge	pass
Ura	bay
Wan	bay
Yama	mountain
Zaki	cape, point

GEOREF
BASIC 15° QUADRANGLE
XJ
35° 34° BE CE 136°30' 137° 138°

ELEVATION TINTS
FEET: 2625, 660, 330, BSL

RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

PLOTTING ACCURACY 90% ASSURANCE	
Horizontal	within 820 ft.
Contours	within 200 ft.
Date of information	1982

Road information not verified by reconnaissance.
Graphic not field checked.

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

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NOTES

Only obstructions 200 feet or more above ground level are shown.

Powerline information and obstructions have been extracted from the most reliable source available. However, there is no assurance that all powerlines and obstructions are shown or that their locations and heights are correct.

On this graphic a lane is generally considered as being 8 to 12 feet (2.5 to 3.6 meters) in width.

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