SERIES	1501-AIR
SHEET	ND-39-03
EDITION	5-GSGS

SERIES 1501 COMPANION SHEET IS NOT BEING MAINTAINED

ELEVATION TINTS

FEET
2625
660
330
0

RELIABILITY OF THIS GRAPHIC

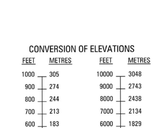
GRAPHIC FEATURE	Date of information
ALL FEATURES	2003 to 2007

Horizontal Datum: World Geodetic System 1984
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

GLOSSARY

Bandar . . . . . bay
Ghubbat . . . . . bay
Jibāl . . . . . hills, mountain
Khalīj . . . . . bay
Ra's . . . . . headland, point
Wādi . . . . . wadi, dry watercourse

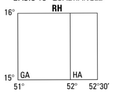
LOCATION DIAGRAM
(DNC INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED/ BROWN)



CONVERSION OF ELEVATIONS

FEET	METRES	FEET	METRES
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

GEOREF
BASIC 15° QUADRANGLE



CAUTION
AIR INFORMATION CURRENT AT
04 FEBRUARY 2008
Consult NOTAMS and Flight Information Publications for the latest air information; the NGA Aeronautical Chart Updating Manual or MOD (UK) Aeronautical Chart Amendment Document, for other chart revision information.

MAGNETIC VARIATION FOR 2005 IS APPROXIMATELY
0°29' E (9 MILS) OVER THE ENTIRE AREA
(Annual rate of change is 4' (1 mil) increase)

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

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SCALE 1:250,000
QISHN, YEMEN

SERIES	1501-AIR
SHEET	ND-39-03
EDITION	5-GSGS

SERIES 1501 COMPANION SHEET IS NOT BEING MAINTAINED

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DGC
Positioning Defence

SAMPLE 10,000 METRE GRID SQUARE

100,000m SQUARE IDENTIFICATION
See Body of Map
GRID ZONE DESIGNATION
39P

SAMPLE 1,000 METRE REFERENCE

1. Read letters identifying the 100,000 metre square in which the point lies: WS
2. Read large number labelling the VERTICAL grid line left of point: 1
Estimate tenths (1,000 metres) from grid line to point: 2
3. Read large number labelling the HORIZONTAL grid line below point: 8
Estimate tenths (1,000 metres) from grid line to point: 0
Example: WS1280

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.
Example: 39PWS1280

POPULATED PLACES . . . . . ○
1st importance . . . . . ŞAN'Ā'
2nd importance . . . . . IBB
3rd importance . . . . . Yarim
4th importance . . . . . Al Ḥazm
5th importance . . . . . Ḥarib

ROADS
Dual highway . . . . . DUAL 4 LANES
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 . . . . .
Trail . . . . .
Route markers:
National; Secondary 151 20

ELEVATIONS IN FEET
DEPTHS IN FEET

BOUNDARIES
International . . . . .
First-order administrative division . . . . .
Lower-order administrative division . . . . .

HYDROGRAPHY
Depth contour . . . . . Pier; Jetty; Sea wall; Spring
Foreshore flats . . . . . Sabkha; Salt evaporator
Wreck . . . . . Well: Perennial, Intermittent
Disappearing stream . . . . . Indefinite shoreline; Wadi
Rocks: Sunken, Awash . . . . . Intermittent lake; Marsh
Dissipating stream . . . . . Cistern; Dam; Perennial lake
Intermittent stream . . . . . Land subject to inundation

MISCELLANEOUS
Sand , Sand and Gravel . . . . .
Sand Dunes; Ripple , Lateral . . . . .
Church; Mosque; Shrine; School . . . . .
Landmark feature; Ruins; Mine: Active, Abandoned . . . . .
Located object; Bridge; Tank; Well . . . . . Tower; Ruins; Oil; Oil
Pipeline: Above ground, Underground, ... Pipeline; Pipeline
Elevated . . . . . Elevated
Fence; Wall . . . . . Wall
Embankment; Levee . . . . . Levee

JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

5 0 5 10 Statute Miles
5 0 5 10 15 Kilometres
5 0 5 Nautical Miles

CONTOUR INTERVAL APPROXIMATELY 330 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 39, WORLD GEODETIC SYSTEM 1984 ELLIPSOID.

USERS SHOULD REFER CORRECTIONS, ADDITIONS OR COMMENTS TO:
(UK USERS): DGC, MINISTRY OF DEFENCE, LONDON, OR E-MAIL enquiries@geo.mod.uk
(US USERS): USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA ENTERPRISE SERVICE DESK: 1-800-455-0999; COMMERCIAL 301-227-9811; DSN 287-9811; UNCLASSIFIED EMAIL: ENTERPRISESERVICECENTER@NGA.MIL; SIPRNET: ESC@NSCN.NGA.SMIL.MIL OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN: ESC, MAIL STOP D-240, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

ELEVATIONS IN FEET
DEPTHS IN FEET

AIRCRAFT FACILITY (Military or Civil) EDNA/50/s 725
Runway pattern known . . . . .
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 FACILITIES . . . . . RNG HURN
RADIO RANGE LF/MF . . . . .
VOR/DME . . . . . HURN
CONTROLLED AIRSPACE . . . . . ATLANTIC ADIZ
ADIZ . . . . .

TERRAIN ELEVATIONS
Spot elevation . . . . . 3625±
HIGHEST KNOWN elevation is 4940± feet at the following coordinates:
Geographic . . . . . 15°31'N, 51°12'E
Grid WT2415
± following elevation value indicates accuracy is not within 100 feet

VISUAL AIDS AND OBSTRUCTIONS
Obstruction 1108 (259)
1108 - Elevation of obstruction top, above sea level
(259) - Height of obstruction top, above ground level
Group obstruction . . . . .
Aero light; Marine light; Radio facility obstruction . . . . .
Power transmission line: Normal . . . . .
Catenary . . . . .
Obstruction . . . . .

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.).
EXAMPLE: 12,500 feet 12 5

NOTES
No obstructions 150 feet or more above ground level are known to exist in this area.
No powerlines are known to exist in this area. See caution note.

All landmark features are buildings unless otherwise annotated.
On this product a lane is generally considered as being 2.5 metres (8 feet) in width.

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ED. NO. 005

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NOT TO BE USED FOR SURFACE OR SUBSURFACE NAVIGATION

GULF OF ADEN
ARABIAN SEA
Khalīj Qīshn
Ghubbat al Qamar