

SERIES 1501 AIR SHEET NI 40-16 EDITION 3

SERIES 1501 COMPANION SHEET IS EDITION 3

- POPULATED PLACES**
- Over 100,000: **TEHRAN**
  - 50,000-100,000: **KERMAN**
  - 10,000-50,000: **Khorramshahr**
  - 2,000-10,000: **Fariman**
- ROADS**
- Dual highway: **4 LANES DUAL**
  - All weather, hard surface: **4 LANES**
  - More than two lanes wide: **4 LANES**
  - Two lanes wide: **4 LANES**
  - One lane wide: **4 LANES**
  - All weather, loose or light surface: **3 LANES**
  - More than two lanes wide: **3 LANES**
  - Two lanes wide: **3 LANES**
  - One lane wide: **3 LANES**
  - Fair or dry weather, loose surface: **3 LANES**
  - Cart track: **3 LANES**
  - Footpath, trail: **3 LANES**
  - Route marker: **3 LANES**
- RAILROADS**
- Normal gauge 1.44m (4'8 1/2"): **Single track** **Multiple track**
  - Station position: **known** **unknown**
  - Narrow gauge: **known** **unknown**

- BOUNDARIES**
- International: **International**
  - First-order administrative division: **First-order administrative division**
- VEGETATION**
- Orchard, plantations, vineyards: **Orchard, plantations, vineyards**
- OTHER FEATURES**
- Area name: **Area name**
  - School, Church, Mosque: **School, Church, Mosque**
  - Landmark feature or object: **Landmark feature or object**
  - Tank, Well, Wall, Fence: **Tank, Well, Wall, Fence**
  - Hut, Kraal, Pass, Mine or quarry: **Hut, Kraal, Pass, Mine or quarry**
  - Horizontal control point: **Horizontal control point**
  - Sand; Distorted surface: **Sand; Distorted surface**
  - Dunes: Crescent; Lateral; Ripple: **Dunes: Crescent; Lateral; Ripple**
  - Dunes: Star; Transverse; Mound: **Dunes: Star; Transverse; Mound**
  - Mound; Cliff; Levee: **Mound; Cliff; Levee**
- HYDROGRAPHY**
- Underground aqueduct with shafts: **Underground aqueduct with shafts**
  - Small reservoir; Dry lake: **Small reservoir; Dry lake**
  - Sabkha (Kavir); Intermittent lake: **Sabkha (Kavir); Intermittent lake**
  - Intermittent streams: Single; Double line: **Intermittent streams: Single; Double line**
  - Well; Perennial; Intermittent; Disappearing stream: **Well; Perennial; Intermittent; Disappearing stream**
  - Spring, fountain, cistern, Dam; Salt evaporator: **Spring, fountain, cistern, Dam; Salt evaporator**
  - Wadi; Land subject to inundation: **Wadi; Land subject to inundation**
  - Rice paddy; Marsh or swamp: **Rice paddy; Marsh or swamp**

- TERRAIN ELEVATIONS**
- Spot elevation: Normal; Critical: **\* 330 \* 1108**
  - HIGHEST KNOWN elevation is **9065** feet at the following coordinates: **32°43'N, 59°54'E**
  - Grid: **1:50000**
  - The accuracy of all elevations shown on the graphic is not within **100** feet.
- AERODROMES (Military or Civil)**
- Runway pattern known: **EDNA/50/3** **725**
  - EDNA-Name: **EDNA-Name**
  - 50-Length of longest runway to nearest hundreds of feet: **50-Length of longest runway to nearest hundreds of feet**
  - S-Soft or unimproved surface: **S-Soft or unimproved surface**
  - U-Unknown surface: **U-Unknown surface**
  - 725-Elevation: **725-Elevation**
  - Runway pattern unknown: **Runway pattern unknown**
- HELIPORT/HELIPAD**
- RNG: **RNG**
  - MUR: **MUR**
- RADIO FACILITIES**
- RADIO RANGE LF/MF: **RADIO RANGE LF/MF**
  - MULTIPLE RADIO FACILITIES: **MULTIPLE RADIO FACILITIES**
  - CONTROLLED AIRSPACE: **CONTROLLED AIRSPACE**
  - ADIZ: **ATLANTIC ADIZ**

- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction: **1108** **1108**
  - 1108-Elevation of obstruction top, above sea level: **1108-Elevation of obstruction top, above sea level**
  - (259)-Elevation of obstruction top, above ground level: **(259)-Elevation of obstruction top, above ground level**
  - Group obstruction: **Group obstruction**
  - Radio facility obstruction: **Radio facility obstruction**
  - Power transmission line: **Power transmission line**
  - Visual ground sign: **Visual ground sign**
  - Aero light; Marine light: **Aero light; Marine light**
- CAUTION**
- AIR INFORMATION CURRENT THROUGH 15 JULY 1990**
- 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 1985**  
(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 (towers, towers, antennas, etc.).

EXAMPLE: 12,500 feet **125**

**LOCATION DIAGRAM**  
(LONG INDEX SHOWN IN RED)  
(WAC INDEX SHOWN IN RED/BROWN)

NI 40-6	NI 40-7	NI 40-8	NI 40-9	NI 40-10
NI 40-10	NI 40-11	NI 40-12	NI 40-13	NI 40-14
NI 40-14	NI 40-15	NI 40-16	NI 40-17	NI 40-18
H-7	NH 40-2	NH 40-3	443 442	AFGHANISTAN
NH 40-4	NH 40-5	NH 40-6	NH 40-7	NH 40-8
NH 40-9	NH 40-10	NH 40-11	NH 40-12	NH 40-13
NH 40-14	NH 40-15	NH 40-16	NH 40-17	NH 40-18

Prepared and published by the Defense Mapping Agency  
Hydrographic/Topographic Center, Washington, D. C.  
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**CONVERSION OF ELEVATIONS**

FEET	METERS
1000	305
900	274
800	244
700	213
600	183
500	152
400	122
300	91
200	61
150	46
100	31

**CAUTION**

Vertical obstructions, including powerlines, have been extracted from this chart. No assurance that all are shown, or that their locations or heights are exact.

**SAMPLE 1000 METER GRID SQUARE**

See Book of Map

**SAMPLE 1000 METER REFERENCE**

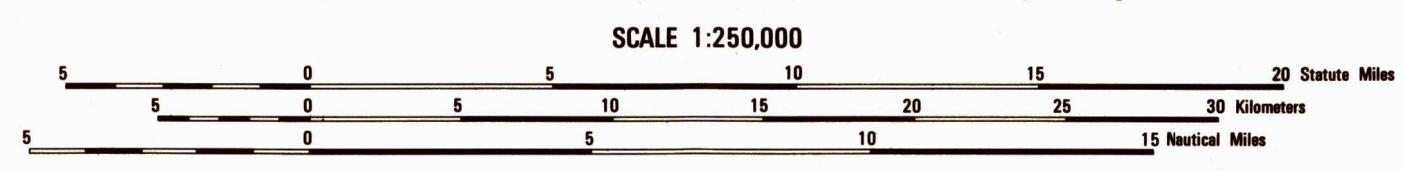
- Read letters identifying the 1000 meter square in which the point lies.
- Read large number labeling the VERTICAL grid line left of point.
- Read large number labeling the HORIZONTAL grid line below point.
- Estimate fourth (1000 meters) from grid line to point.

Example: AB1234

**WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.**

Example: 40SAB1234

**JOINT OPERATIONS GRAPHIC (AIR)**



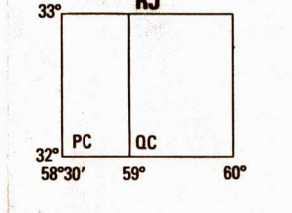
CONTOUR INTERVAL APPROXIMATELY 330 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 40, WORLD GEODETIC SYSTEM ELLIPSOID.

USERS SHOULD NEVER CORRECT, ADDITIONS, AND COMMENTS FOR IMPROVING THIS PRODUCT TO:  
DIA (Users) DIRECTOR, DEFENSE MAPPING AGENCY, ATTN: PL, 4815 LEE HIGHWAY, FARMAS, VA 22031-2127  
(UK Users) Directorate of Military Survey, Ministry of Defence, Elmwood Avenue, FLETHAM, Middlesex, England TW13 7AE

ELEVATIONS IN FEET

GEOREF BASIC 15° QUADRANGLE



RELIABILITY OF THIS GRAPHIC (as determined by standard practices)



**ELEVATION TINTS**

FEET
8860
2955
660

**NOTES**

Powerlines are shown except within populated place tints. 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 feet (2.5 meters) in width.

Names for symbolized populated places are omitted where information is not available or where density of detail does not permit their inclusion.

**BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITY.**

**PLOTTING ACCURACY 90% ASSURANCE**

Horizontal	Vertical
within 620 ft. within 620 ft.	within 105 ft. within 105 ft.

**GRAPHIC FEATURE DATE OF INFORMATION**

GRAPHIC FEATURE	AREA I	AREA II
Contours	1989	1989
All other features	1984	1980

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