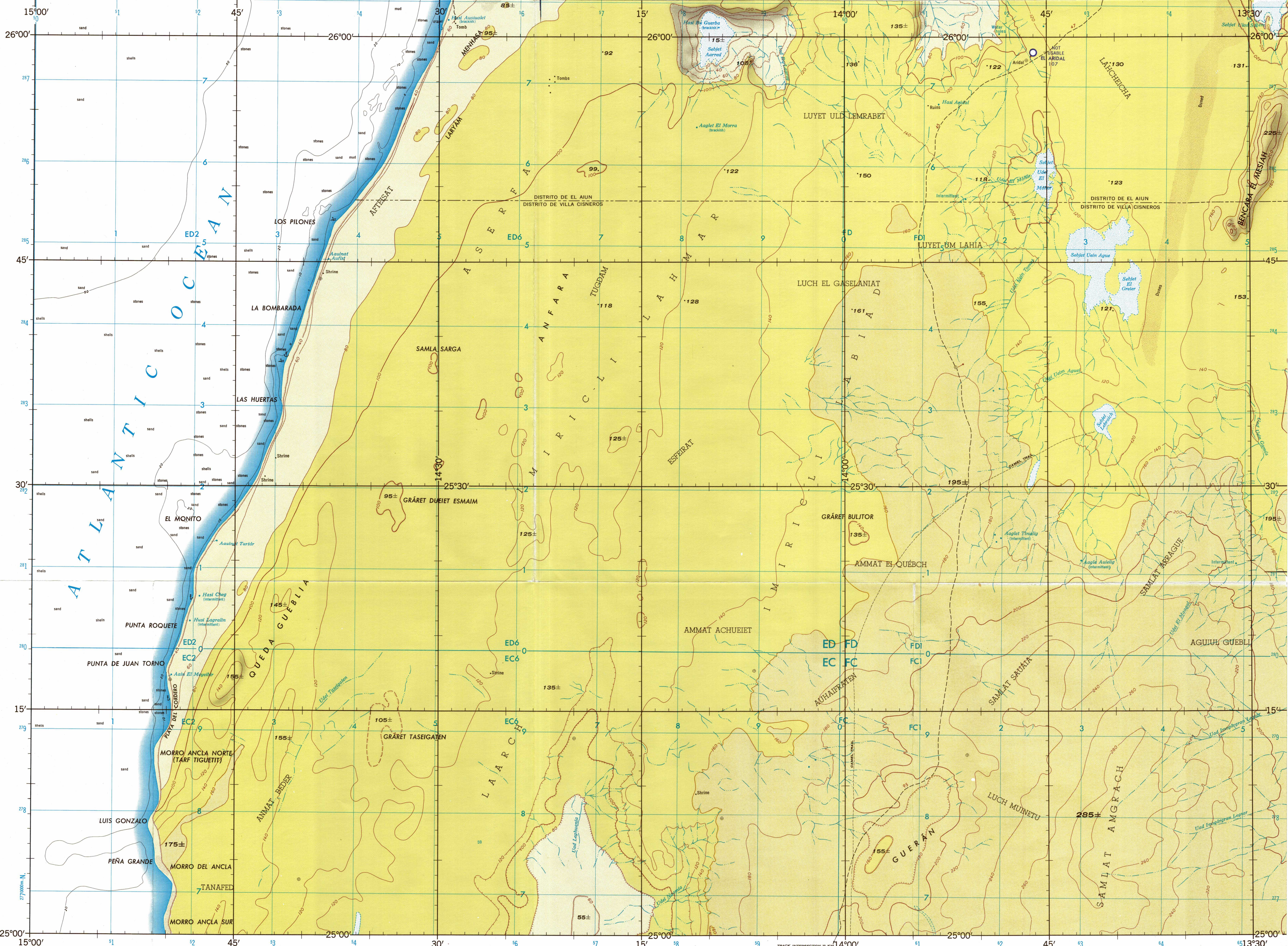


SERIES 1501  
SHEET NG 28-11  
EDITION 1

- LEGEND**
- POPULATED PLACES**
- Over 100,000
  - 25,000 to 100,000
  - 10,000 to 25,000
  - 2,000 to 10,000
  - Less than 2,000
- ROADS**
- All weather, hard surface
  - Two or more lanes wide
  - All weather, loose or light surface
  - Two or more lanes wide
  - One lane wide
  - All weather, hard surface
  - One lane wide
  - All weather, loose or light surface
  - One lane wide
  - Fair or dry weather, loose surface, dirt road
  - Cart track
  - Footpath, wall
- ROUTE MARKERS**
- International, National, Secondary
- RAILROADS**
- Normal gauge
  - Narrow gauge
  - Station
- BOUNDARIES**
- International
  - Primary administrative
  - Recreation
- HORIZONTAL CONTROL POINTS**
- Astronomic position
  - Trigonometric position
- TERRAIN ELEVATIONS**
- HIGHEST KNOWN ELEVATION IS 285± METERS AT 28°00'N, 13°42'W  
± FOLLOWING ELEVATION VALUE INDICATES ACCURACY IS NOT WITHIN 20 METERS.
- Spot elevation: Normal, Critical
- Dunes: Crescent, Lateral
- Sand
- Disturbed surface
- Escarpment: Levee
- Isolated rock, Mound, Cliff
- Christian church, School
- Kraal; Landmark feature; Landmark object; Mine
- HYDROGRAPHY**
- Well, Spring, Salt evaporator
  - Wadi; Sebika, wet depression
  - Land subject to inundation
  - Swamp, marsh, Rice paddy
  - Depth curves in fathoms
  - Wreck: Exposed, Sunken
  - Rocks: Awash; Sunken
  - Foreshore flat
  - Limit of danger; Reef
  - Area name
- AERODROMES (Military or Civil)**
- Field limits with runway pattern
  - EDNA—Name
  - 221—Elevation
  - Field limits, with runway pattern unknown
  - Field limits unknown, with runway pattern
  - Field limits and runway pattern unknown
- SEAPLANE BASE**
- SEAPLANE (EMERGENCY)**
- HELIPORT**
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction
  - 338—Elevation of obstruction top, above sea level (79)—Elevation of obstruction top, above ground level
  - Group obstruction
  - Radio facility obstruction
  - Power transmission line
- NOTES**
- No obstructions 61 meters or more above ground level are known to exist within this area.
  - Figures along roads indicate approximate distances in kilometers.
  - 1968 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 12° 00' WEST TO 11° 15' WEST FOR THE CENTER OF THE WEST EDGE TO 11° 15' 00" WEST FOR THE CENTER OF THE EAST EDGE.
  - THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.



Prepared under the direction of the Defense Intelligence Agency and published by the Army Map Service, Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1966 from the best available source materials.

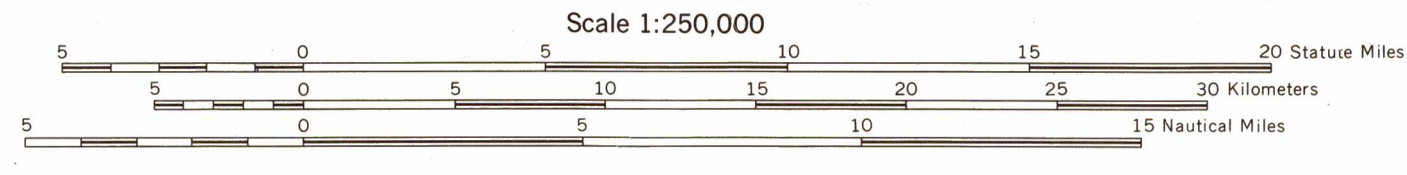
SCALE 1:250,000  
HASI ARIDAL, SPANISH SAHARA  
SERIES 1501  
SHEET NG 28-11  
EDITION 1

GRID ZONE DESIGNATION		TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS	
100,000 M. SQUARE IDENTIFICATION		SAMPLE POINT, SHIRING	
ED	FD	1	EC
EC	FC	2	2
80	190	3	2

1. Read letters identifying 100,000 meter square in which the point lies.  
2. Inside first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either to the top or bottom margin, or on the line itself.  
3. Estimate tenths from grid line to point.  
4. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either to the left or right margin, or on the line itself.  
5. Estimate tenths from grid line to point.

**SAMPLE REFERENCE:** EC282  
If reporting beyond 9th 3 or 18'E.W. prefix Grid Zone Designation, use: 28RCC282

**JOINT OPERATIONS GRAPHIC (GROUND)**



CONTOUR INTERVAL 20 METERS

TRANSVERSE MERCATOR PROJECTION

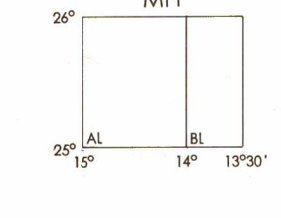
USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0889; COMMERCIAL 314-263-4884; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP 1-88, 4800 SANGAMONUE ROAD, BETHESDA, MD 20815-5003

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 28, CLARKE 1880 SPHEROID

**GLOSSARY**

- Aglet..... shallow well
- Aglet..... fountain, spring
- Ausinat..... springs, wells
- Distrito..... primary administrative division
- Gräret..... depressions
- Hasi..... well
- Huili..... well
- Morro..... ridge
- Peña..... rock
- Punta..... point
- Sebka..... point
- Tarf..... point, ridge
- Udel..... wadi, stream
- Udel..... wadi, stream, watercourse

**GEOREF BASIC 15° QUADRANGLE**



**ELEVATION TINTS**

METERS

160

80

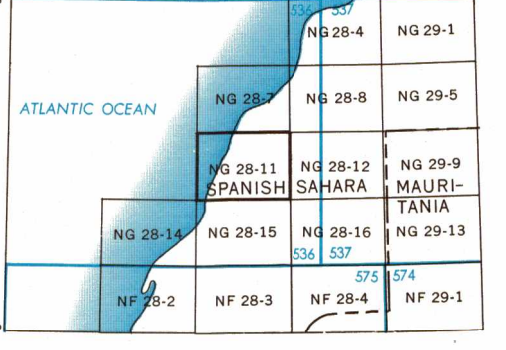
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**RELIABILITY OF THIS MAP**

Accuracy as related to control of map  
Horizontal positions in excess of 500 meters  
Contours..... within 30 meters  
Latest date of map information:  
Road Classification..... 1950-1962  
Coastal Hydrography..... 1964  
All other features..... 1950-1962

Road classification not verified by reconnaissance  
No significant areas of vegetation exist  
Map not field checked  
Horizontal Datum: None  
Vertical Datum: Mean Sea Level

**LOCATION DIAGRAM FOR NG 28-11**



NSN 7643014046080  
NIMA REF. NO. 1501XNG2811

ED. NO. 001