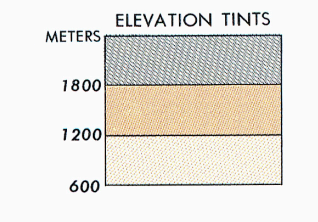


1:250,000—EDITION 1  
MUSSENDE, ANGOLA  
1501G SC 33-11



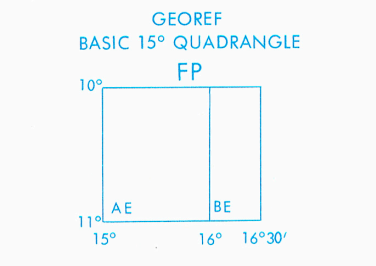
RELIABILITY OF THIS MAP  
(as determined by standard practices)  
Accuracy as related to control of map:  
Horizontal position: ± 0.25 m.  
Vertical position: ± 0.30 m.  
Road classification not verified by reconnaissance.  
Horizontal Datum: Angola Datum  
Vertical Datum: Mean Sea Level  
Map not filed checked.

LOCATION DIAGRAM  
FOR SC 33-11  
(WAC INDEX SHOWN IN BLUE)

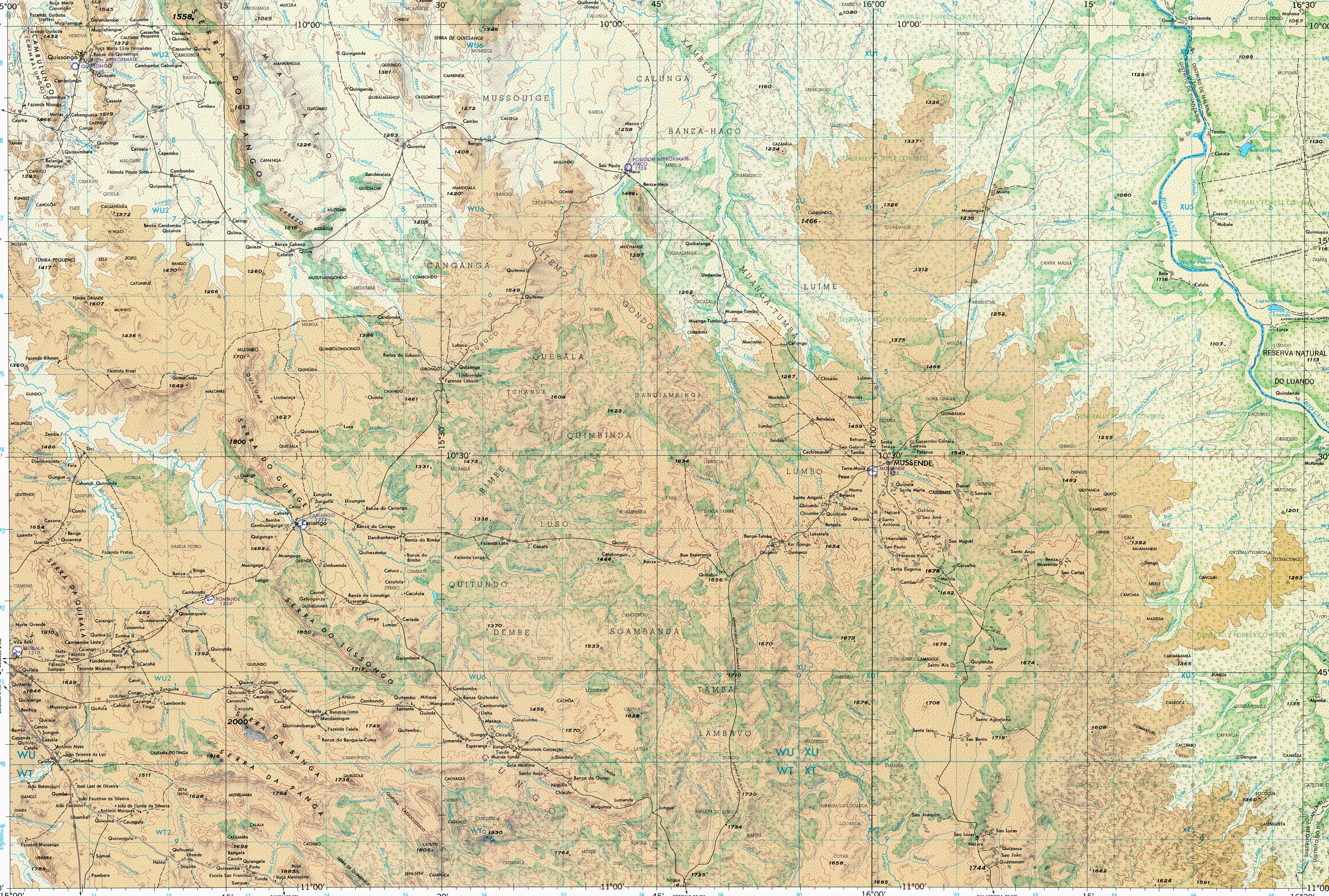
SC 33-6	SC 33-7	SC 33-8
SC 33-10	ANGOLA SC 33-11 1501G	SC 33-12
ATLANTIC OCEAN		
SC 33-14	SC 33-15	SC 33-16

GLOSSARY

District.....district  
Escola.....school  
Fazenda.....farm plantation  
Lagoa.....lake  
Missão.....mission  
Reserva Natural Do Luando.....game reserve  
Rio.....river, stream  
Roca.....coffee plantation  
Serra.....mountain range



1965 MAGNETIC DECLINATION FROM TRUE  
NORTH VARIES FROM 11°15' (710 MILES WEST-  
ERN) FOR THE CENTER OF THE WEST EDGE  
TO 11° (900 MILES WESTERLY FOR THE CENTER  
OF THE EAST EDGE.



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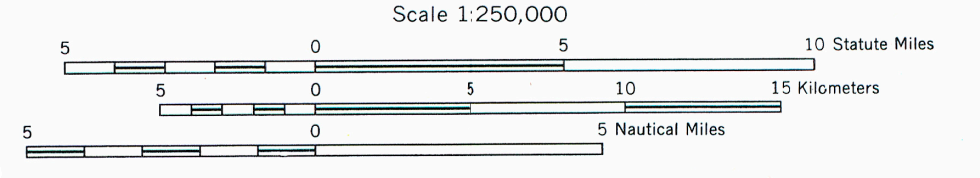
**CLASSIFIED**

GRID ZONE DESIGNATION: 33L  
100,000 M. SQUARE IDENTIFICATION: WU XU  
TO GIVE A STANDARD REFERENCE ON THIS SHEET TO MARKS 100 METERS: SAMPLE POINT: QUITEMO  
1. Read letters identifying 100,000 meter square in which the point lies.  
2. Locate 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. 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.  
4. Estimate tenths from grid line to point.  
SAMPLE REFERENCE: WU5043  
If reporting beyond 9° S or 18° W, prefix Grid Zone Designation, etc. 33W0563



ELEVATIONS IN METERS

# JOINT OPERATIONS GRAPHIC (GROUND)



LEGEND

- ROADS  
All weather  
Hard surface, two or more lanes wide ..... 1-2 LANES  
Loose or light surface, two or more lanes wide ..... 1-2 LANES  
Hard surface, one lane wide ..... 1-2 LANES  
Loose or light surface, one lane wide ..... 1-2 LANES  
Fair or dry weather, loose surface ..... 1-2 LANES  
Cart track, Footpath, trail ..... 1-2 LANES
- RAILROADS  
Normal gauge 1.067 m (3'6") ..... Single track  
Narrow gauge ..... Multiple track
- BOUNDARIES  
International  
Primary administrative  
Secondary administrative  
Woods-brushwood  
Scattered trees, low growth  
Orchard, plantation, vineyard

CONTOUR INTERVAL 100 METERS WITH SUPPLEMENTARY CONTOURS AT 50 METER INTERVALS

VERTICAL DATUM: MEAN SEA LEVEL  
HORIZONTAL DATUM: ANGOLA DATUM

TRANSVERSE MERCATOR PROJECTION

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 33L, CLARKE 1880 SPHEROID

ELEVATIONS IN METERS

- AERODROMES (Military or Civil)  
Field limits with runway pattern ..... EDNA 723  
EDNA - Name  
725 - 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 ..... 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
- TERRAIN ELEVATIONS  
HIGHEST elevation is 2000 meters located at 10°45', 15°16'E.

NOTES  
No obstructions 61 meters or more above ground level are known to exist within this area.  
THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.  
Figures along roads indicate approximate distances in kilometers.  
On this map a lane is considered as being a minimum of 2.5 meters (8 feet) in width.  
Names for symbolized populated places are omitted where information is not available or where density of detail does not permit their inclusion.

NSN 7643014048770  
NIMA REF. NO. 1501XSC3311

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