



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

LENA QUADRANGLE
LOUISIANA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE 1/4 CHOPIN 15' QUADRANGLE

(GORUM)

(BOYCE NW)

Mapped by the Army Map Service
Published for civil use by the Geological Survey
Control by USGS, USC&GS, USCE, and Louisiana Geodetic Survey
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1953. Field check 1954
Polyconic projection. 1927 North American datum
10,000-foot grid based on Louisiana coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 15, shown in blue
Dashed land lines indicate approximate locations
Unchecked elevations are shown in brown

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1954

SCALE 1:24,000
1 2 3 4 5 6 7 8 9 10
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 2 3 4 5 6 7 8 9 10
1 5 10 20 30 40 50 KILOMETER
CONTOUR INTERVAL 10 FEET
DASHED LINES REPRESENT 5-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

USGS
Historical File
Topographic Division



ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
State Route

LENA, LA.
NE 1/4 CHOPIN 15' QUADRANGLE
N 3122.5—W 9245/7.5

1954

U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION

JAN 14 1959
2440