

ESCANABA, MICHIGAN, WISCONSIN (NL 16-8)
APRIL 1964

USCOMMUS-DC-44990

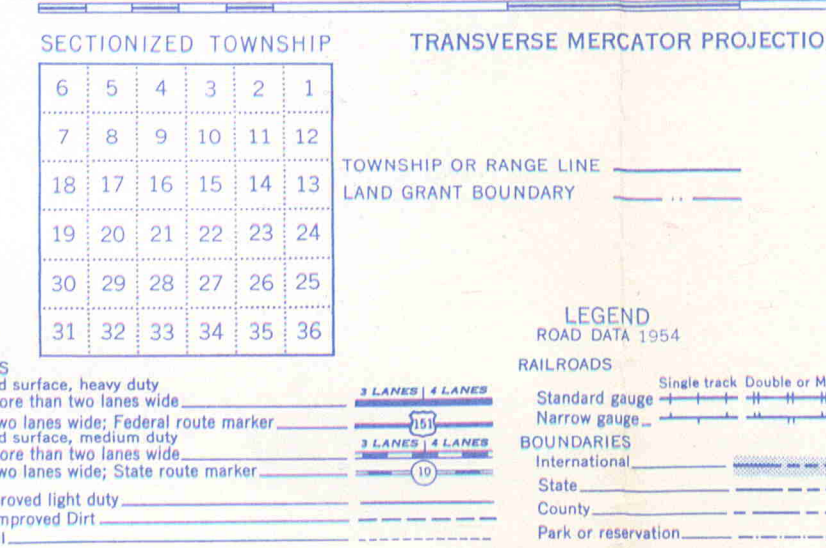
Base prepared by the Army Map Service (LKBGE), Corps of Engineers, U.S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods and from U. S. Lake Survey Chart 70, 1954. Horizontal and vertical control by USCGS and USGS. Photographic field annotated 1954.

HORIZONTAL CONTROL
Coast & Geodetic Survey
Geological Survey

- Monumented Point - First Order
- Monumented Point - Second Order
- Monumented Point - Third Order
- Located Object - Third Order
- See separate index for names of numbered stations
- Station reported not recovered
- Measured Base - Electronic or Taped
- Line of triangulation observed
- Line of triangulation observed from one end only
- Measured Length - Electronic or Taped
- Theodolite Traverse - Electronic Distance
- Transit Traverse - Taped Distance Third Order
- Transit Traverse and Leveling Third Order

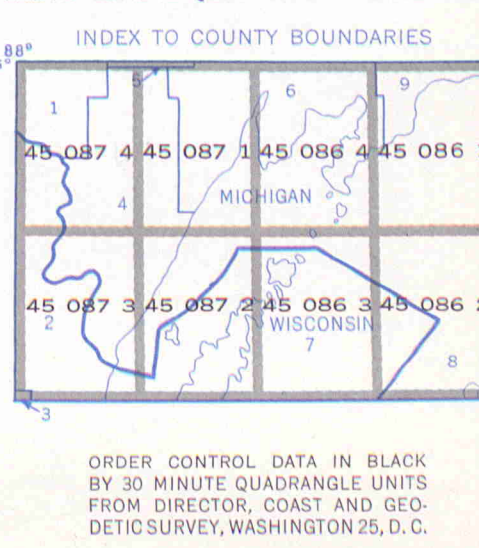
VERTICAL CONTROL
Coast & Geodetic Survey
Geological Survey

- First Order
- Second Order
- Third Order

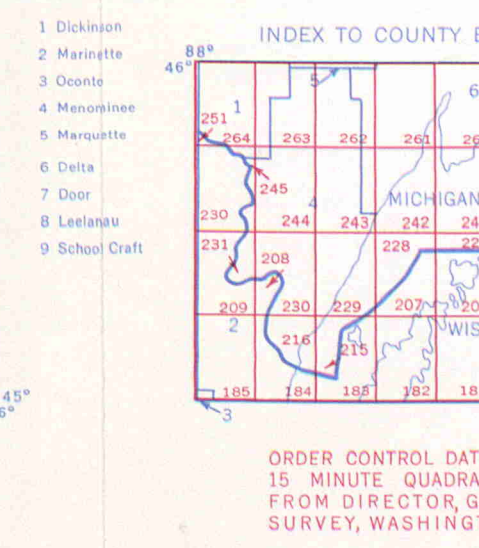


Scale 1:250,000
5 10 15 20 25 30 Statute Miles
5 10 15 20 25 30 Kilometers

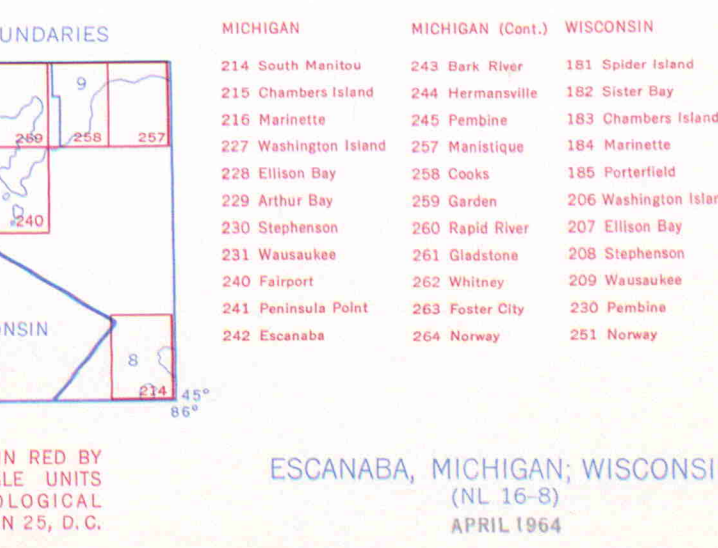
COAST AND GEODETIC SURVEY
THIRTY MINUTE QUADRANGLE DESIGNATION



GEOLOGICAL SURVEY
FIFTEEN MINUTE QUADRANGLE DESIGNATION



ORDER CONTROL DATA IN BLACK
BY 30 MINUTE QUADRANGLE UNITS
FROM DIRECTOR, COAST AND GEODETIC SURVEY, WASHINGTON 25, D.C.



ESCANABA, MICHIGAN, WISCONSIN (NL 16-8)
APRIL 1964

U. S. DEPARTMENT OF COMMERCE
 ENVIRONMENTAL SCIENCE SERVICES ADMIN.
 COAST AND GEODETIC SURVEY
 ROCKVILLE, MARYLAND 20852
 FORM - 6471 (2/68)
 DATE APR 1964 REV APR 1972

INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

PAGE 1
 QUADS 450861-2-3-4 & 450871-2-3-4
 HIGH-WISC
 LATITUDE 45° 00' TO 46° 00'
 LONGITUDE 86° 00' TO 88° 00'
 DIAGRAM NL 16-8 ESCANABA

KEY NO	STATION NAME	QUAD NO	STATION NO
1	SOUTH MANITOU ISLAND LIGHTHOUSE	450862	1003
1	SOUTH MANITOU LIGHTHOUSE USLS	450862	1004
2	BURNT BLUFF LONGITUDE STATION USLS	450864	1001
2	BURNT BLUFF(OLD) USLS	450864	1027
3	FORT SOUTH USLS	450864	1004
4	PENINSULA POINT USLS	450864	1043
4	PENN	450864	1016
5	E NORTH USLS	450864	1030
6	F NORTH USLS	450864	1031
7	GRAVELLY ISLAND USLS	450864	1037
8	GULL ISLAND USLS	450864	1036
9	ELEVATOR USLS	450871	1011
10	ESCANABA LIGHT	450871	1009
10	ESCANABA LIGHTHOUSE USLS	450871	1008
10	SAND POINT USLS 1863	450871	1028
10	SAND POINT USLS 1903	450871	1029
11	ESCANABA RIVER USLS	450871	1012
11	FLAT ROCK USLS	450871	1052
12	FORD RIVER LATITUDE STATION USLS	450871	1017
12	FORD RIVER (OLD) USLS	450871	1051
12	T 38N R 23W SE COR SEC 12 DELTA CO USLS	450871	1053
13	AIRPORT BEACON ESCANABA MUNI AIRPORT	450871	1025
13	AIRPORT BEACON ESCANABA AIRPORT ECC	450871	1025
14	DELTA CO ROAD COMMISSION RADIO MAST	450871	1033
15	ESCANABA BETHANY LUTH CH TALL SPIRE	450871	1035
16	ESCANABA BIRDS EYE VENEER CO STACK	450871	1036
17	ESCANABA MUNICIPAL WATER TANK	450871	1037
18	ESCANABA ST PAT CATH CH TALLEST SPIRE	450871	1038
19	ESCANABA SHEPECK LUMBER CO STACK	450871	1039
20	ESCANABA STEAM PLANT STACK	450871	1040
21	ESCANABA WDBC RADIO MASTS NE OF FOUR	450871	1042
21	ESCANABA WDBC RADIO MASTS NW OF FOUR	450871	1043
21	ESCANABA WDBC RADIO MASTS SE OF FOUR	450871	1044
21	ESCANABA WDBC RADIO MASTS SW OF FOUR	450871	1045
22	ESCANABA WESK RADIO MAST	450871	1041
23	GLADSTONE REA RADIO MAST	450871	1019
23	GLADSTONE ST HWY POLICE MAST	450871	1041
24	A EAST BASE USLS	450871	1046
25	B WEST BASE USLS	450871	1048
26	C USLS	450871	1049

KEY NO	STATION NAME	QUAD NO	STATION NO
27	METROPOLITAN	450874	1013
27	METROPOLITAN RM 1 CENTER OF LOT	450874	1014
28	SPALDING	450874	1015
28	SPALDING RM 2 CENTER OF LOT	450874	1016
29	MENOMINEE LLOYDS DEPARTMENT STORE TANK	450873	1013
30	STEPHENSON RM 2 CENTER OF LOT	450873	1005
31	MENOMINEE EPIPHANY CHURCH SPIRE	450873	1005
31	MENOMINEE CHRIST EVAN LUTH CHURCH SPIRE	450873	1006
31	MENOMINEE COUNTY COURTHOUSE TOWER	450873	1007
32	MENOMINEE HOSKIN MORAINVILLE PAPER CO STACK	450873	1009
32	MENOMINEE HOSKIN MORAINVILLE PAPER CO TANK	450873	1010
33	MENOMINEE JOHN DAVIS SCHOOL STACK	450873	1011
33	MENOMINEE ST ADELBERTS CHURCH SPIRE	450873	1016
34	MENOMINEE RED HARBOR LIGHT	450873	1015
35	MENOMINEE SUPERIOR SUGAR CO BRICK STACK	450873	1017
35	MENOMINEE SUPERIOR SUGAR CO CONCRETE STACK	450873	1018
36	INLET	450873	1022
36	MIDDLE INLET LOOKOUT	450873	1022
36	MIDDLE INLET LOOKOUT TOWER USGS	450873	1022
36	MIDDLE INLET LOT CENTER OF BASE	450873	1022
37	BOYERS BLUFF USLS	450863	1001
37	TRANSIT POST (BOYERS BLUFF OLD) (USLS)	450863	1001
38	EAGLE BLUFF LIGHTHOUSE	450872	1008
38	EAGLE BLUFF USLS	450872	1008
38	THREE PENNY USLS	450872	1036
39	MARINETTE PIONEER PRESBYTERIAN CHURCH SPIRE	450873	1038
39	MENOMINEE ASTRONOMICAL STATION USLS	450873	1024
40	SVEN OBSERVATION TOWER	450872	1018
40	SVEN RM NO 3	450872	1018
41	MARINETTE EVANG LUTH CHURCH STEEPLE	450873	1032
41	MARINETTE FRENCH CH OF ST JOSEPH STATUE	450873	1033
41	MARINETTE GRAM METH EPISCOPAL CH SPIRE	450873	1034
42	MARINETTE TALL STEEL STACK	450873	1039
43	MARINETTE LAUERMAN'S DEPT STORE TANK	450873	1035
44	MARINETTE SACRED HEART CHURCH SPIRE	450873	1040
45	EAGLE OLD USLS	450872	1024
46	MIDDLE STRAWBERRY USLS	450872	1028
47	PENINSULA STATE PARK LOOKOUT TOWER	450872	1037
48	MARINETTE M & M PAPER CO PLANT NO 1 STACK	450873	1036
48	MARINETTE M & M PAPER CO PLANT NO 1 TANK	450873	1037

U. S. DEPARTMENT OF COMMERCE
 ENVIRONMENTAL SCIENCE SERVICES ADMIN.
 COAST AND GEODETIC SURVEY
 ROCKVILLE, MARYLAND 20852
 FORM - 6471 (2/68)
 DATE APR 1964 REV APR 1972

INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

PAGE 2
 QUADS 450861-2-3-4 & 450871-2-3-4
 MICH-WISC
 LATITUDE 45° 00' TO 46° 00'
 LONGITUDE 86° 00' TO 88° 00'
 DIAGRAM NL 16-8 ESCANABA

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
49	MENOMINEE M AND M PAPER CO PLANT 2 TANK	450873	1014
50	SABLE USLS	450872	1032
51	GARTH USLS	450864	1006
52	BLUFF USLS	450871	1047
53	SAND BANK USLS	450871	1027
54	STONY POINT USLS	450864	1051
55	MARINETTE COUNTY COURTHOUSE DOME	450873	1031
56	FISH CREEK USLS	450872	1025
57	ROCK ISLAND LIGHTHOUSE OLD USLS	450863	1006

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
---------	--------------	----------	-------------