

TP-00258

TP-00258

| | |
|--|--------------------------|
| NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY | |
| <h1>DESCRIPTIVE REPORT</h1> | |
| Map No. TP-00258 | Edition No. 1- |
| Job No. CM-7903 | |
| Map Classification FINAL, FIELD EDITED MAP | |
| Type of Survey SHORELINE | |
| LOCALITY | |
| State WISCONSIN | |
| General Locality LAKE MICHIGAN | |
| Locality RACINE HARBOR | |
| <div style="border: 1px solid black; padding: 5px; display: inline-block;"> 19 79 TO 19 81 </div> | |
| REGISTRY IN ARCHIVES | |
| DATE | |

| NOAA FORM 76-36A (3-72) | | U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN. | | TYPE OF SURVEY | | SURVEY TP. 00258 | |
|--|--|---|--|--|---------------------------|------------------|--|
| DESCRIPTIVE REPORT - DATA RECORD | | | | <input checked="" type="checkbox"/> ORIGINAL | MAP EDITION NO. (1) | | |
| | | | | <input type="checkbox"/> RESURVEY | MAP CLASS Final | | |
| | | | | <input type="checkbox"/> REVISED | JOB PH CM-7903 | | |
| PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk, VA | | | | LAST PRECEDING MAP EDITION | | | |
| OFFICER-IN-CHARGE M. Ethridge, LCDR | | | | TYPE OF SURVEY | | JOB PH- | |
| | | | | <input type="checkbox"/> ORIGINAL | MAP CLASS | | |
| | | | | <input type="checkbox"/> RESURVEY | SURVEY DATES: | | |
| | | | | <input type="checkbox"/> REVISED | 19__ TO 19__ | | |
| I. INSTRUCTIONS DATED | | | | | | | |
| 1. OFFICE | | | | 2. FIELD | | | |
| Aerotriangulation September 30, 1980 Compilation June 2, 1981 | | | | Horizontal Control February 15, 1980 (Photo-identification) | | | |
| II. DATUMS | | | | | | | |
| 1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN | | | | OTHER (Specify) | | | |
| 2. VERTICAL: <input type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL | | | | OTHER (Specify) International Great Lakes Datum (1955), Lake Michigan Low Water Datum | | | |
| 3. MAP PROJECTION Lambert Conformal Conic | | | | 4. GRID(S) | | | |
| | | | | STATE Wisconsin | | ZONE South | |
| 5. SCALE 1:10,000 | | | | STATE | | ZONE | |
| III. HISTORY OF OFFICE OPERATIONS | | | | | | | |
| OPERATIONS | | | | NAME | | DATE | |
| 1. AEROTRIANGULATION BY | | | | R. Fisher | | Jan. 1981 | |
| METHOD: Analytic LANDMARKS AND AIDS BY | | | | R. Fisher | | Jan. 1981 | |
| 2. CONTROL AND BRIDGE POINTS PLOTTED BY | | | | S. Solbeck | | Jan. 1981 | |
| METHOD: Coradomat CHECKED BY | | | | S. Solbeck | | Jan. 1981 | |
| 3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY | | | | R. Kravitz | | March 1981 | |
| COMPILATION CHECKED BY | | | | F. Mauldin | | March 1981 | |
| INSTRUMENT: Wild B-8 | | | | CONTOURS BY | | NA | |
| SCALE: 1:10,000 | | | | CHECKED BY | | NA | |
| 4. MANUSCRIPT DELINEATION PLANIMETRY BY | | | | R. Kravitz | | April 1981 | |
| CHECKED BY | | | | Jim Byrd | | June 1981 | |
| METHOD: Smooth Drafted | | | | CONTOURS BY | | NA | |
| CHECKED BY | | | | NA | | | |
| SCALE: 1:10,000 HYDRO SUPPORT DATA BY | | | | R. Kravitz | | April 1981 | |
| CHECKED BY | | | | Jim Byrd | | June 1981 | |
| 5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY | | | | Jim Byrd | | June 1981 | |
| 6. APPLICATION OF FIELD EDIT DATA BY | | | | R. Kravitz | | Dec. 1981 | |
| CHECKED BY | | | | F. Margiotta | | April 1982 | |
| 7. COMPILATION SECTION REVIEW BY | | | | F. Margiotta | | April 1982 | |
| 8. FINAL REVIEW BY | | | | J. Hancock | | June 1982 | |
| 9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY | | | | J. Hancock | | July 1982 | |
| 10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY | | | | G. Fromm | | Aug. 1982 | |
| 11. MAP REGISTERED - COASTAL SURVEY SECTION BY | | | | H. D. Wolfe | | MAR 10 1983 | |

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00258
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

| | | | | | |
|---|--------------|---|----------|--|--|
| CAMERA(S) Wild R.C. 10 "B" (B = 152.74 mm) | | TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED | | TIME REFERENCE | |
| TIDE STAGE REFERENCE (See Remarks below) <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY | | | | ZONE Central MERIDIAN 90th <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT | |
| NUMBER AND TYPE | DATE | TIME | SCALE | STAGE OF TIDE | |
| 79B(C) 1415-1419- | July 2, 1979 | 8:48 | 1:30,000 | NA (See Remarks) | |

REMARKS The lake level at the time of photography was 580.10 feet or 3.3 feet above the International Great Lakes Datum. Water levels were taken at the Milwaukee, Wisconsin gage on July 2, 1979.

2. SOURCE OF MEAN HIGH-WATER LINE:

The term Mean High-Water Line is not applicable. The "Shoreline" was delineated from the above listed photographs, and is defined as the visible line of contact on the photographs between land and water.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

Not Applicable

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

| SURVEY NUMBER | DATE(S) | SURVEY COPY USED | SURVEY NUMBER | DATE(S) | SURVEY COPY USED |
|---------------|---------|------------------|---------------|---------|------------------|
| | | | | | |

5. FINAL JUNCTIONS

| NORTH | EAST | SOUTH | WEST |
|-----------|-----------|-----------|-----------|
| No Survey | No Survey | No Survey | No Survey |

REMARKS

This project consists of one manuscript.

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TP-00528

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION (Hor. Control) ☐ FIELD EDIT OPERATION.

| OPERATION | NAME | DATE |
|-------------------------------------|--|-----------|
| 1. CHIEF OF FIELD PARTY | Lawrence H. Davis | July 1980 |
| 2. HORIZONTAL CONTROL | RECOVERED BY L. H. Davis | July 1980 |
| | ESTABLISHED BY L. H. Davis | July 1980 |
| | PRE-MARKED OR IDENTIFIED BY L. H. Davis | July 1980 |
| 3. VERTICAL CONTROL | RECOVERED BY None | |
| | ESTABLISHED BY None | |
| | PRE-MARKED OR IDENTIFIED BY None | |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (Triangulation Stations) BY None | |
| | LOCATED (Field Methods) BY None | |
| | IDENTIFIED BY None | |
| 5. GEOGRAPHIC NAMES INVESTIGATION | TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION | |
| 6. PHOTO INSPECTION | CLARIFICATION OF DETAILS BY | None |
| 7. BOUNDARIES AND LIMITS | SURVEYED OR IDENTIFIED BY | NA |

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

3

2. VERTICAL CONTROL IDENTIFIED

| PHOTO NUMBER | STATION NAME | PHOTO NUMBER | STATION DESIGNATION |
|--------------|----------------------------------|----------------------------|---------------------|
| 79BC-1415 | WIND POINT 1953 (Sub Pts. A & B) | STK 1935, (Sub Pts. A & B) | |
| 79BC-1417 | RACINE HORLICKS MALTED MILK CO., | | |
| 79BC-1418 | RACINE 1935 (Sub Pts. A & B) | | |

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

| PHOTO NUMBER | OBJECT NAME | PHOTO NUMBER | OBJECT NAME |
|--------------|-------------|--------------|-------------|
| | | | |

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

5 Forms 76-53 (CSI), 2 Forms 266 (Solar Obser.), Horizontal control (Photo identification) report.

NOAA FORM 76-36C
(3-72)

TP-00528

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION.

| OPERATION | NAME | DATE |
|-------------------------------------|--|------------|
| 1. CHIEF OF FIELD PARTY | P. B. Walbolt | Sept. 1981 |
| 2. HORIZONTAL CONTROL | RECOVERED BY R. Norton & P. B. Walbolt | Sept. 1981 |
| | ESTABLISHED BY None | |
| | PRE-MARKED OR IDENTIFIED BY None | |
| 3. VERTICAL CONTROL | RECOVERED BY NA | |
| | ESTABLISHED BY NA | |
| | PRE-MARKED OR IDENTIFIED BY NA | |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (Triangulation Stations) BY R. Norton & P. B. Walbolt | Sept. 1981 |
| | LOCATED (Field Methods) BY P. B. Walbolt | Sept. 1981 |
| | IDENTIFIED BY None | |
| 5. GEOGRAPHIC NAMES INVESTIGATION | TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION | |
| 6. PHOTO INSPECTION | CLARIFICATION OF DETAILS BY R. Norton & P. B. Walbolt | Sept. 1981 |
| 7. BOUNDARIES AND LIMITS | SURVEYED OR IDENTIFIED BY NA | |

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

None

| PHOTO NUMBER | STATION NAME | PHOTO NUMBER | STATION DESIGNATION |
|--------------|--------------|--------------|---------------------|
| | | | |

3. PHOTO NUMBERS (Clarification of details)

79B(C) 1415, 1418 (1:10,000 ratio)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

| PHOTO NUMBER | OBJECT NAME | PHOTO NUMBER | OBJECT NAME |
|--------------|----------------------------------|--------------|-------------|
| 79B(C) 1418 | Racine Yacht Club North Bkw. Lt. | | |
| " | Racine Yacht Club South Bkw. Lt. | | |
| " | Racine North Pierhead Lt. | | |

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

1-Form 76-109 (Hor. Bk)

3 Forms 76-40

1-Field Edit report

1-Paper Field Edit Print

~~1-Film Field Edit Print~~NOAA FORM 76-36C
(3-72)

N/A G.F.

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00258
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

| COMPILATION STAGES | | | DATE MANUSCRIPT FORWARDED | |
|--|------------|---------------------------------------|---------------------------|---------------|
| DATA COMPILED | DATE | REMARKS | MARINE CHARTS | HYDRO SUPPORT |
| Compilation complete pending field edit | June 1981 | Class III Manuscript Superseded | None | None |
| Field edit applied, Compilation complete. | April 1981 | Class I Manuscript | None | None |
| Final Review | June 1982 | Final Map | July 1982 | None |
| | | | | |

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

| NUMBER | CHART LETTER NUMBER ASSIGNED | DATE FORWARDED | REMARKS |
|--------|---------------------------------|-------------------|------------------------|
| 2 | | 8-2-82 | Landmarks for charting |
| 1 | | 8-2-82 | Aids for charting |
| 1 | | 8-2-82 | Landmarks for deletion |
| | | | |
| | | | |
| | | | |

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

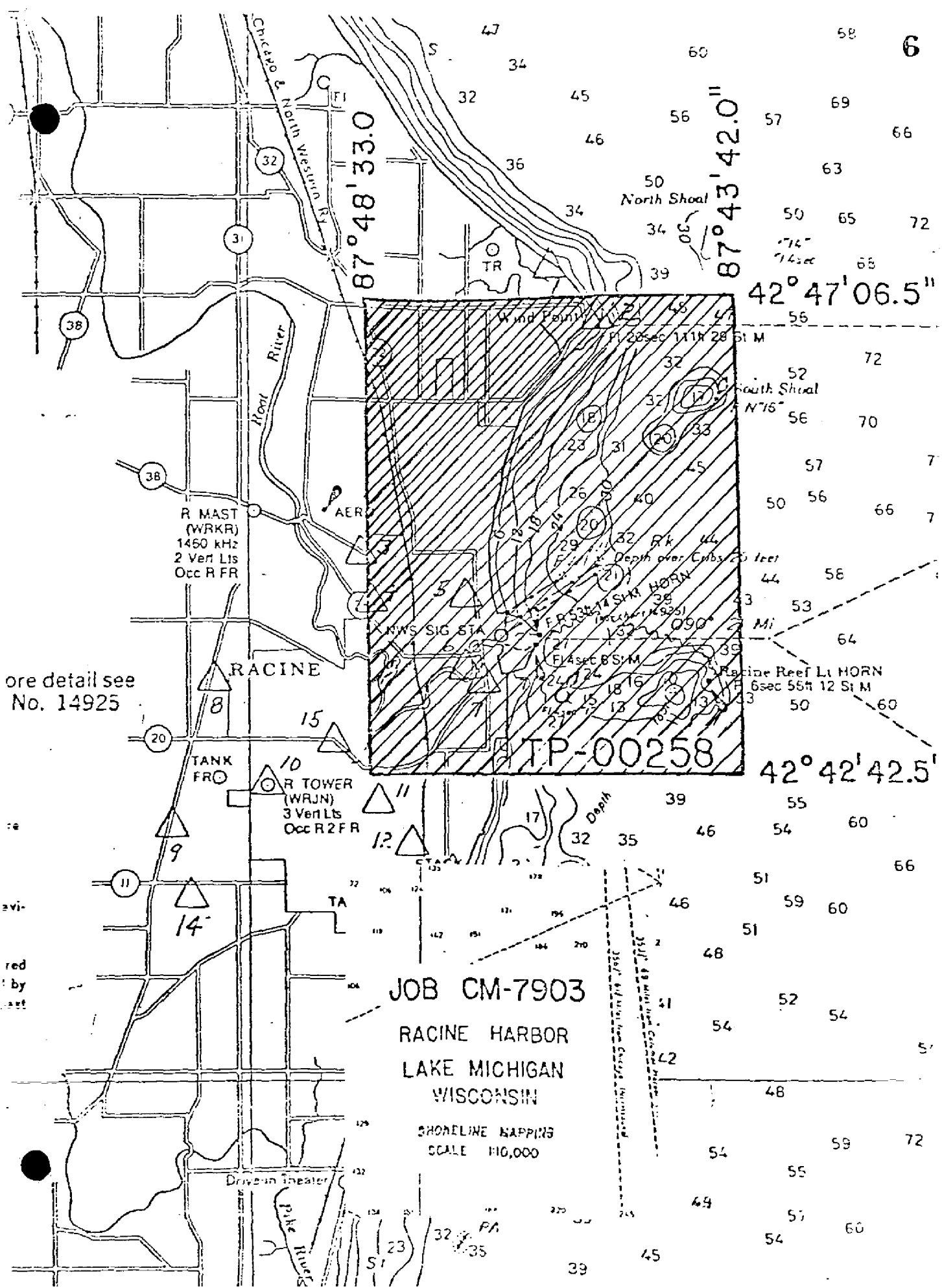
III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS. ~~XXX~~ SUBMITTED BY FIELD PARTIES. (76-40)
 3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
 ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: September 14, 1982

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

| | | | |
|----------------|---------------------------------|--------------------------|---|
| SECOND EDITION | SURVEY NUMBER TP - _____ (2) | JOB NUMBER PH - _____ | TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |
| | DATE OF PHOTOGRAPHY | DATE OF FIELD EDIT | |
| THIRD EDITION | SURVEY NUMBER TP - _____ (3) | JOB NUMBER PH - _____ | TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |
| | DATE OF PHOTOGRAPHY | DATE OF FIELD EDIT | |
| FOURTH EDITION | SURVEY NUMBER TP - _____ (4) | JOB NUMBER PH - _____ | TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |
| | DATE OF PHOTOGRAPHY | DATE OF FIELD EDIT | |



For detail see
No. 14925

JOB CM-7903

RACINE HARBOR
LAKE MICHIGAN
WISCONSIN

SHORELINE MAPPING
SCALE 1:10,000

Driven Inlet

Pike River

7

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00528

This 1:10,000 scale final map is a single shoreline map comprising project CM-7903, Racine Harbor, Lake Michigan, Wisconsin.

The purpose of this project was to provide current charting information for nautical chart maintenance.

This final map portrays the shoreline along the west side Lake Michigan from Lat. 42°42'42.5" to Lat. 42°47'06.5", featuring Root River and Racine Harbor.

Natural color photography was obtained July 2, 1979 using the Wild RC-10 (B) camera. A single strip of 1:30,000 scale photography provided adequate coverage for both aerotriangulation and compilation.

Field work prior to compilation was accomplished in August, 1980; this involved the establishment of horizontal control by field photoidentification methods specified to meet aerotriangulation requirements.

Analytic aerotriangulation was adequately provided by the Washington Science Center in January 1981.

Compilation was performed by the Coastal Mapping Section at the Atlantic Marine Center in June 1981. Copies of the Class III map were submitted for field edit.

Field edit was performed in September 1981 by personnel from the Field Surveys Branch, AMC. This field data was returned to the original compilation office and applied in April 1982.

Final review was performed at the Atlantic Marine Center in June 1982. At this time, a final Chart Maintenance Print was prepared and submitted for the Marine Chart Division.

This Descriptive Report contains all pertinent information used to compile this Final Map. The original base manuscript and all related data was forwarded to the Washington Science Center for final registration.

FIELD INSPECTION

TP-00258

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and establishment of horizontal control necessary for the aerotriangulation of the project.

PHOTO IDENTIFICATION REPORT
JOBS CM-7902, CM-7903, CM-7904, CM-7905
LAKE MICHIGAN, WISCONSIN

3. HORIZONTAL CONTROL

JOB CM-7902:

Five stations were recovered and two Sub Points were identified at each station. All are reported on Form 76-53. All are pricked on Photos 79BC-1389, 79BC-1392, 79BC-1394, 79BC-1396, 79BC-1400. TWO RIVERS E MUNICIPAL WATER TANK 1953 was substituted for TWO RIVERS 1953 because it is located in heavy woods. No sub points available.

JOB CM-7903:

Three stations were recovered and two Sub Points were identified at each station. All are reported on Form 76-53. All sub points are pricked on the following Photos 79BC-1415, 79BC-1417, 79BC-1418.

JOB CM-7904:

Four stations were recovered and two Sub Points were identified at each station. All are reported on Form 76-53. All are pricked on Photos 79BC-1380, 79BC-1382, 79BC-1383, and 79BC-1385. HILLS POINT LIGHT 25, 1953 was omitted. SHERWOOD POINT LIGHT, 1953 has a no check position. STURGEON BAY 1953 was substituted for STURGEON BAY RADIO STA WDOR MAST, 1953 because no sub point available at radio mast.

Stations REYNOLDS 1953 and MONUMENT 1953 were recovered as requested.

JOB CM-7905:

Three stations recovered and two Sub Points were identified at each station. All are reported on Form 76-53. Sub Points were pricked on the following Photos 79BC-1404, 79BC-1408, 79BC-1412. All Sub Points are reported on Form 76-53.

Respectfully submitted:

Lawrence H. Davis

Lawrence H. Davis
Chief, Photo Party 61
8/14/80

Photogrammetric Plot Report

Racine Harbor, WI

CM-7903

January 5, 1981

21. Area Covered

This project covers the area in the vicinity of Racine Harbor, Racine, Wisconsin. This area is covered by one T-sheet, TP-00258 at 1:10,000 scale.

22. Method

One 4 Model Strip of 1:30,000 scale color photography was bridged, using standard analytic aerotriangulation methods.

Ratio points for 1:10,000 scale field edit photography were read. TP-00258 was plotted for compilation.

23. Adequacy of Control

Horizontal control used in the bridge adjustment was satisfactory.

24. Supplemental Data

Vertical control was established by using shoreline points and USGS quadrangle elevations. Vertical control was satisfactory.

25. Photography

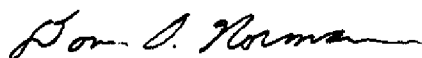
The location and quality of photography was adequate.

Submitted by,



R. E. Fisher

Approved and Forwarded:



Don O. Norman
Chief, Aerotriangulation Section

CM-7903
Racine Harbor, WI
Horizontal Fit to Control

1. Wind Point 1953

| | |
|-------------|---------------|
| Sub Point A | (0.00, 0.00) |
| Sub Point B | (-1.48, 0.43) |

2. Wind Point Lighthouse Light 1935 (-1.43, -0.88)

3. Racine Horlicks Malted Milk Co.
Stack 1935

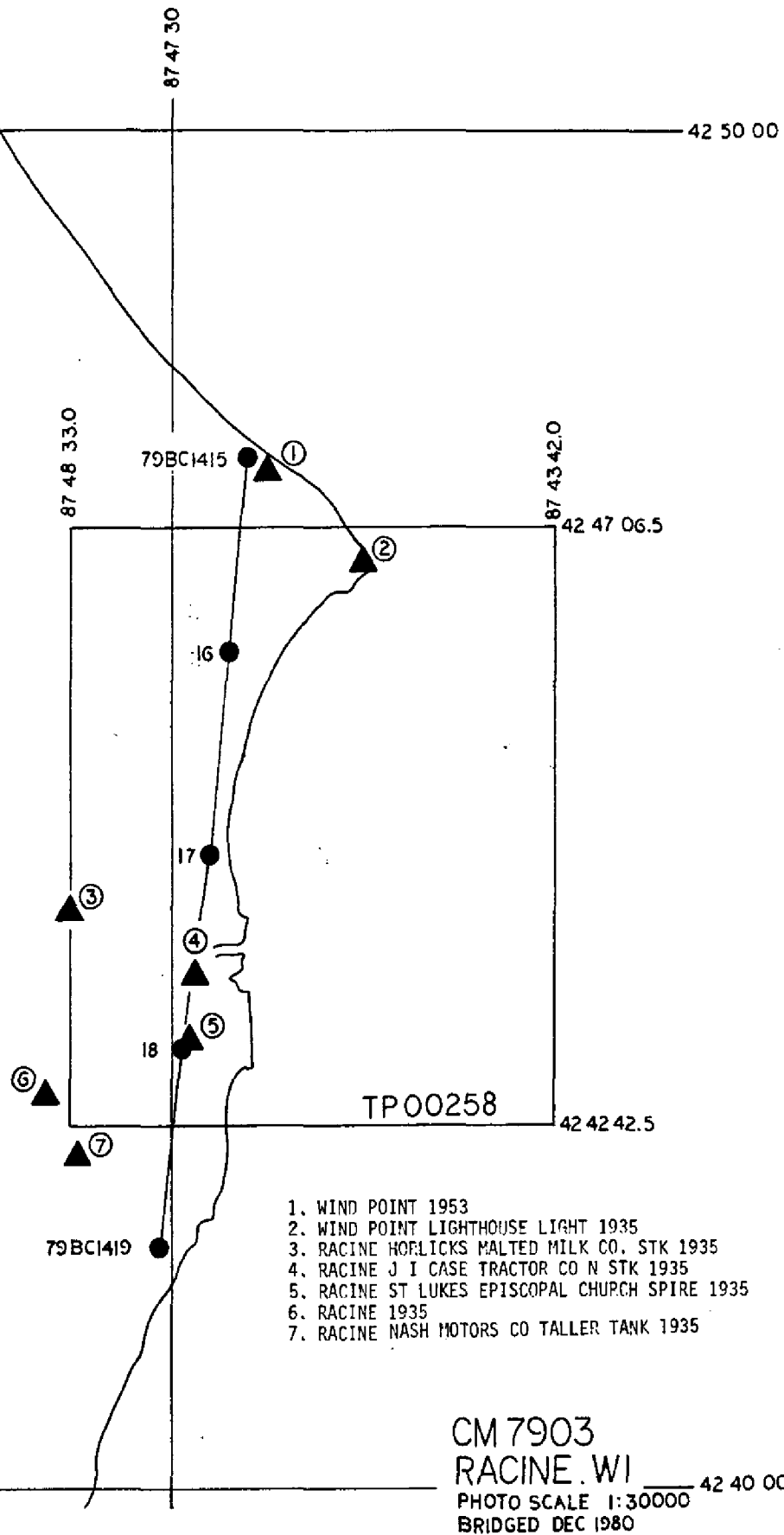
| | |
|-------------|----------------|
| Sub Point A | (0.00, 0.00) |
| Sub Point B | (-0.50, -0.50) |

4. Racine J.I. Case Tractor Co.
North Stack 1935 (0.15, 0.77)

6. Racine 1935

| | |
|-------------|----------------|
| Sub Point A | (2.15, -1.42) |
| Sub Point B | (0.00, 0.00) |

7. Racine Nash Motors Co. Taller Tank 1935 (2.14, -1.25)



DESCRIPTIVE REPORT CONTROL RECORD

| MAP NO. TP-00258 | | JOB NO. CM-7903 | | GEODETTIC DATUM N.A. 1927 | | ORIGINATING ACTIVITY Coastal Mapping Division A.M.C., Norfolk, VA | |
|--|----------------------------------|---|--|---|------------------------|---|--|
| STATION NAME | SOURCE OF INFORMATION (Index) | AEROTRI- ANGULATION POINT NUMBER | COORDINATES IN FEET STATE Wisconsin ZONE South | GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE | | REMARKS | |
| RACINE, WM. HORLICK HIGH SCHOOL, STACK, 1935 | Quad 420 874 STA 1072 | 417100 | X= Y= | ϕ 42°44' 47.332" - λ 87°48' 27.718" - | | | |
| RACINE, HORLICKS MALTED MILK CO., STACK, 1935 | " STA 1058 | NE STACK OF THREE 417100 | X= Y= | ϕ 42°44' 21.630" - λ 87°48' 22.002" - | | | |
| RACINE, J. I. CASE TRACTOR CO., (NORTH WORKS), STACK, 1935 | " STA 1058 | 417106 | X= Y= | ϕ 42°43' 49.383" - λ 87°47' 11.533" - | | | |
| WIND POINT LIGHTHOUSE LIGHT, 1935 | " STA 1078 | 416102 | X= Y= | ϕ 42°46' 52.122" - λ 87°45' 29.995" - | | | |
| RACINE, ST. JOHN'S EVANGELI- CAL CHURCH, SPIRE, 1935 | " STA 1068 | | X= 2,594,523.23 Y= 277,407.63 | ϕ 42°44' 22.134" - λ 87°47' 12.461" - | | | |
| RACINE, ST. LUKE'S EPISCOPAL CHURCH, SPIRE, 1935 | " STA 1069 | 417405 | X= 2,595,741.97 Y= 272,559.35 | ϕ 42°43' 33.941" - λ 87°46' 57.863" - | | | |
| RACINE, ST. PATRICK'S CHURCH, SPIRE 1935 | " STA 1070 | | X= 2,594,514.44 Y= 277,702.51 | ϕ 42°44' 25.048" - λ 87°47' 12.474" - | | | |
| | | | X= Y= | ϕ λ | | | |
| | | | X= Y= | ϕ λ | | | |
| | | | X= Y= | ϕ λ | | | |
| | | | X= Y= | ϕ λ | | | |
| COMPUTED BY R. Kravitz | | DATE Mar 25, 1981 | COMPUTATION CHECKED BY F. Mauldin | | DATE March 25, 1981 | | |
| LISTED BY R. Kravitz | | DATE Mar 25, 1981 | LISTING CHECKED BY F. Mauldin | | DATE March 25, 1981 | | |
| HAND PLOTTING BY | | DATE | HAND PLOTTING CHECKED BY | | DATE | | |

COMPILATION REPORT

TP-00258

31. DELINEATION

Delineation was by instrument methods using the Wild B-8 stereoplotter and by office interpretation of the 1:30,000 scale color photographs. The compilation photography was adequate. Photographs ratioed at 3.00 times the contact photo size were processed and used for minor graphic delineation.

32. CONTROL

The horizontal control was adequate. Refer to the Photogrammetric Plot Report, dated January 5, 1981.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are not applicable to this project. Drainage was delineated by the Wild B-8 stereoplotter and by office interpretation of the ratioed photographs.

35. SHORELINE AND ALONGSHORE DETAILS

Refer to form 76-36B, Item 2 for shoreline delineation.

Alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

36. OFFSHORE DETAILS

No unusual problems

37. LANDMARKS AND AIDS

Preliminary 76-40 forms consisting of 1 page of Navigational Aids and 2 pages of Landmarks for charts were prepared for field edit.

38. CONTROL FOR FUTURE SURVEYS

None

TP-00258

39. JUNCTIONS

This is a single map project that does not junction with any contemporary coastal mapping project.

40. HORIZONTAL AND VERTICAL ACCURACY

See Item #32.

46. COMPARISON WITH EXISTING MAPS

A comparison was made with the following U.S. Geological Survey quadrangles:

Racine North, Wisconsin, 1958, Photorevised 1971

Racine South, Wisconsin, 1958, Photorevised 1971 and 1976

47. COMPARISON WITH NAUTICAL CHARTS

14925, 19th edition, October 7, 1978, 1:10,000 scale

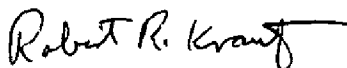
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

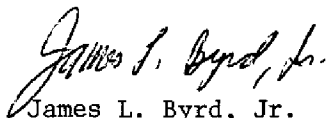
Submitted by:



Robert R. Kravitz
Cartographic Technician

Date: April 29, 1981

Approved:



James L. Byrd, Jr.
Chief, Coastal Mapping Section

ADDENDUM TO THE COMPILATION REPORT

TP-00528

Field edit adequately provided by AMC photo party; no unusual problems encountered during application of this data.

FIELD EDIT REPORT
TP-00258 RACINE HARBOR
CM-7903 LAKE MICHIGAN
WISCONSIN

51. METHODS

The Field Edit of this Map was executed in the truck, by foot, and by inspection from seaward by skiff.

Each question was investigated thoroughly in the Field, and each is answered on the Discrepancy Print.

52. ADEQUACY OF COMPILATION

This compilation appears good, and will be both complete and adequate upon the application of this Edit.

54. RECOMMENDATIONS

There are several groins projection into Lake Michigan that have walkways on them. These had been called piers on the map, but their main purpose is to serve as groins; they are so labeled on the Discrepancy Print.

56. GEOGRAPHIC NAMES

There are no changes in Geographic Names on this Map.

57. LANDMARKS AND AIDS

Three (3) Lights are located by planetable on photo 1118.

Racine Reef Light, 1935 was destroyed in 1961, and a new skeleton steel light erected in the same general location. Three (3) T2 cuts were made from photo points to the new Racine Reef Light. Forms 76-10 are completed and submitted for the above Aids.

One Landmark is gone, and another is recommended for deletion, as it is of no practical value.

15 September 1981

Submitted by:

Philip B. Walbolt

Philip B. Walbolt

Chief, Photo Party 63

REVIEW REPORT TP-00528

SHORELINE

61. GENERAL STATEMENT:

Refer to the Summary included in this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with the following 1:24,000 scale U.S.G.S. quadrangles:

Racine North, Wisconsin, dated 1958, photorevised 1971

Racine South, Wisconsin, dated 1958, photorevised 1976

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic survey was conducted in the area pertaining to this final map.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with N.O.S. chart 14925, 19th edition, 1:10,000 scale, dated October 7, 1978.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with the Project Instructions, and meets the requirements for National Standards of Map Accuracy.

Submitted by:

Jerry L. Hancock

Jerry L. Hancock
Final Reviewer

Approved for forwarding:

Billy H. Barnes

Billy H. Barnes
Chief, Photogrammetric Branch, AMC

Approved:

George H. Sauer
Chief, Photogrammetric Branch, Rockville

John D. Perrow
Chief, Photogrammetry Division

June 18, 1982

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7903 (Racine Harbor, Wisconsin)

TP-00258

Chicago, Milwaukee, St. Paul, and Pacific (RR)

Chicago and North Western

Horlick Park

Lake Michigan

Lake View Park

Lincoln Park

North Bay (locality)

Pershing Park

Racine

Root River

Shoop Park

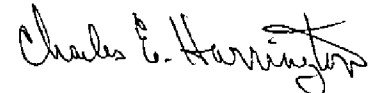
Washington Park

Wind Point

Wind Point (locality)

Zoological Park

Approved by:



Charles E. Harrington
Chief Geographer, OA/C3x5

INFORMATION ON DISSEMINATION OF PROJECT(S) MATERIAL
CM-7903 & CM-7904

FEDERAL RECORDS CENTER

Brown Jacket:

- Control Station Identification Cards
- Identified Horizontal Control Photographs
- Field Edit Photographs
- Bridging Photographs
- Field Edit Copies (discrepancy prints)

Project Completion Report

BUREAU ARCHIVES

- Registered Copy of Each Map
- Descriptive Report of Each Map (original)

MARINE CHART DIVISION

- Chart Maintenance Print for Each Map
- Forms 76-40

OFFICE OF GEOGRAPHER

- Geographic Names Standards

REPRODUCTION DIVISION

- 8x Reduction Negative of Each Map

| NOAA FORM 76-40 (8-74) Replaces C&GS Form 567. | | | | U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION FOR CHARTS | | | | ORIGINATING ACTIVITY | | | |
|--|--|---|---------|--|---------|--|--|---|--------------------------------|-------|--|
| REPORTING UNIT (Field Party, Ship or Office) | | STATE | | LOCALITY | | DATE | | <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH (See reverse for responsible personnel) | | | |
| TO BE CHARTED | | TO BE REVISED | | TO BE DELETED | | The following objects HAVE <input checked="" type="checkbox"/> HAVE NOT <input type="checkbox"/> | | | | | |
| COASTAL MAPPING DIV. | | AMC, Norfolk, VA | | WISCONSIN | | Racine Harbor | | Dec. 1981 | | | |
| JOB NUMBER | | SURVEY NUMBER | | DATUM | | POSITION | | METHOD AND DATE OF LOCATION (See instructions on reverse side) | | | |
| CM-7903 | | TP-00258 | | NA 1927 | | | | | | | |
| CHARTING NAME | | DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses) | | LATITUDE | | LONGITUDE | | OFFICE | | FIELD | |
| | | | | D.M. Meters | | D.P. Meters | | | | | |
| LIGHT | Racine South Breakwater Light | 42° 44' | 00.00' | 87° 46' | 18.33' | 417 | | 79B(C) 1418 July 2, 1979 | V-Vis 9/9/81 | 14925 | |
| LIGHT | Racine North Breakwater Light | 42° 44' | 04.67' | 87° 46' | 19.04' | 433 | | 79B(C) 1418 July 2, 1979 | V-Vis 9/9/81 | " | |
| LIGHT | Racine North Pierhead Light | 42° 44' | 02.53' | 87° 46' | 40.58' | 923 | | Unverified | P-5-L 79B(C) 1418 9/9/81 | " | |
| LIGHT | Racine Yacht Club South Breakwater Light | 42° 44' | 08.04' | 87° 46' | 37.46' | 852 | | Unverified | P-5-L 79B(C) 1418 9/9/81 | " | |
| LIGHT | Racine Yacht Club North Breakwater Light | 42° 44' | 12.87' | 87° 46' | 35.39' | 805 | | Unverified | P-5-L 79B(C) 1418 9/9/81 | " | |
| LIGHT | Wind Point Light (Wind Point Lighthouse Light 1935) | 42° 46' | 52.122' | 87° 45' | 29.995' | 681.9 | | 79B(C) 1416 July 2, 1979 | Triang Rec 9/9/81 | " | |
| LIGHT | Racine Reef Light; New position, light has been rebuilt since original 1935 triangulation station listed in Quad. 420874, sta. 1067. | 42° 43' | 39.18' | 87° 44' | 09.97' | 227 | | Beyond photo limits | F-3-6-L 9/9/81 | " | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| TYPE OF ACTION | | RESPONSIBLE PERSONNEL | | ORIGINATOR | |
|--|-------------------|---|--|---|--|
| NAME | | | | | |
| OBJECTS INSPECTED FROM SEAWARD | Philip B. Walbolt | <input checked="" type="checkbox"/> PHOTO FIELD PARTY | <input type="checkbox"/> HYDROGRAPHIC PARTY | <input type="checkbox"/> GEODETIC PARTY | <input type="checkbox"/> OTHER (Specify) |
| POSITIONS DETERMINED AND/OR VERIFIED | Philip B. Walbolt | FIELD ACTIVITY REPRESENTATIVE | | | |
| FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES | Robert R. Kravitz | OFFICE ACTIVITY REPRESENTATIVE | | | |
| INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' | | | | | |
| (Consult Photogrammetric Instructions No. 64.) | | | | | |
| OFFICE IDENTIFIED AND LOCATED OBJECTS 1. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75 | | | FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982 | | |
| FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75 | | | III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods. | | |

| NOAA FORM 76-40 (8-74) Replaces C&GS Form 567. | | | | | | | | | | U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION LANDMARKS FOR CHARTS | | | | | | | | | | ORIGINATING ACTIVITY | | | |
|---|--|--|----|---------------------------|----|---------------------------|-------------|-------------------|------------|---|-------------|--------------------|--|--|--|--|--|--|--|----------------------|--|--|--|
| <input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED | | REPORTING UNIT (Field Party, Ship or Office) Coastal Mapping AMC, Norfolk, VA | | STATE Wisconsin | | LOCALITY Racine Harbor | | DATE Dec. 1981 | | <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH (See reverse for responsible personnel) | | | | | | | | | | | | | |
| OPR PROJECT NO. | | JOB NUMBER CM-7903 | | SURVEY NUMBER TP-00258 | | DATUM NA 1927 | | POSITION | | METHOD AND DATE OF LOCATION (See instructions on reverse side) | | CHARTS AFFECTED | | | | | | | | | | | |
| CHARTING NAME | DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.) | LATITUDE | | LONGITUDE | | OFFICE | | FIELD | | CHARTS AFFECTED | | | | | | | | | | | | | |
| | | ° / | ' | ° / | ' | D.P. Meters | D.P. Meters | ° / | ' | D.P. Meters | D.P. Meters | | | | | | | | | | | | |
| TANK | | 42 | 42 | 49.32 | 87 | 47 | 31.37 | VIS | V-VIS | 14925 | | | | | | | | | | | | | |
| TOWER | | 42 | 42 | 48.97 | 87 | 47 | 27.24 | VIS | V-VIS | 14925 | | | | | | | | | | | | | |
| STACK | | 42 | 42 | 57.88 | 87 | 47 | 04.31 | VIS | V-VIS | " | | | | | | | | | | | | | |
| TANK | | 42 | 43 | 30.50 | 87 | 47 | 40.96 | VIS | V-VIS | " | | | | | | | | | | | | | |
| RELAY TOWER | | 42 | 43 | 32.25 | 87 | 47 | 08.04 | VIS | V-VIS | " | | | | | | | | | | | | | |
| SPIRE | | 42 | 43 | 32.73 | 87 | 47 | 06.20 | VIS | V-VIS | " | | | | | | | | | | | | | |
| SPIRE | (Racine, St. Luke's Episcopal Church Spire, 1935) | 42 | 43 | 33.94 | 87 | 46 | 57.863 | VIS | Triang Rec | " | | | | | | | | | | | | | |
| TANK | | 42 | 43 | 35.88 | 87 | 47 | 32.63 | VIS | V-VIS | " | | | | | | | | | | | | | |
| TANK | | 42 | 43 | 44.27 | 87 | 47 | 45.01 | VIS | V-VIS | " | | | | | | | | | | | | | |
| STACK | | 42 | 43 | 44.79 | 87 | 47 | 47.25 | VIS | V-VIS | " | | | | | | | | | | | | | |

| RESPONSIBLE PERSONNEL | |
|--|---|
| TYPE OF ACTION | NAME |
| OBJECTS INSPECTED FROM SEAWARD | Philip B. Walbolt |
| POSITIONS DETERMINED AND/OR VERIFIED | Philip B. Walbolt |
| FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES | Robert R. Kravitz |
| INSTRUCTIONS FOR ENTRIES UNDER METHOD AND DATE OF LOCATION: (Consult Photogrammetric Instructions No. 64.) | |
| OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75 | FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field P - Photogrammetric L - Located Vis - Visually V - Verified 1 - Triangulation 5 - Field identified 2 - Traverse 6 - Theodolite 3 - Intersection 7 - Planetable 4 - Resection 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75 |
| FIELD II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75 | FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982 |
| FIELD III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 | **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods. |
| *FIELD POSITIONS are determined by field observations based entirely upon ground survey methods. | |

Replaces C&GS Form 567.

| U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION | | | | | | | | | |
|---|---|--|-------------|-----------|---------------|------------------------------------|---|----------------------|--|
| LANDMARKS FOR CHARTS | | | | | | | | | |
| REPORTING UNIT (Field Party, Ship or Office) | | STATE | | LOCALITY | | DATE | | ORIGINATING ACTIVITY | |
| <input checked="" type="checkbox"/> TO BE CHARTED | <input type="checkbox"/> TO BE REVISED | <input type="checkbox"/> TO BE DELETED | Wisconsin | | Racine Harbor | | Dec. 1981 | | <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH |
| The following objects HAVE <input checked="" type="checkbox"/> HAVE NOT <input type="checkbox"/> been inspected from seaward to determine their value as landmarks. | | | | | | | | | |
| OPR PROJECT NO. | JOB NUMBER | SURVEY NUMBER | DATUM | | POSITION | | METHOD AND DATE OF LOCATION (See instructions on reverse side) | | CHARTS AFFECTED |
| CHARTING NAME | DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses) | LATITUDE | | LONGITUDE | | OFFICE | FIELD | | |
| | | ° / | D.M. Meters | ° / | D.P. Meters | | | | |
| STACK | (Racine, J. I. Case Tractor Co., (North Works) Stack, 1935) | 42 43 | 49.383 | 87 47 | 11.533 | VIS 79B(C) 1418 July 2, 1979 | Triang. Rec. 9/9/81 | 14925 | |
| STACK | | 42 44 | 13.68 | 87 46 | 49.59 | VIS 79B(C) 1418 July 2, 1979 | V-VIS 9/9/81 | " | |
| SPIRE | (Racine, St. Johns Evangelical Church Spire, 1935) | 42 44 | 22.134 | 87 47 | 12.461 | VIS 79B(C) 1418 July 2, 1979 | Triang. Rec. 9/9/81 | " | |
| SPIRE | (Racine, St. Patrick's Church, Spire 1935) | 42 44 | 25.048 | 87 47 | 12.474 | VIS 79B(C) 1418 July 2, 1979 | Triang. Rec. 9/9/81 | " | |
| STACK | (Racine, Horlicks Malted Milk Co., Stack, 1935) | 42 44 | 21.630 | 87 48 | 22.002 | VIS 79B(C) 1418 July 2, 1979 | Triang. Rec. 9/9/81 | " | |
| TANK | | 42 44 | 26.64 | 87 48 | 17.59 | VIS 79B(C) 1418 July 2, 1979 | V-VIS 9/9/81 | " | |
| STACK | (Racine, WM. Horlick High School, Stack, 1935) | 42 44 | 47.332 | 87 48 | 27.718 | VIS 79B(C) 1418 July 2, 1979 | Triang. Rec. 9/9/81 | " | |
| STACK | | 42 44 | 57.72 | 87 47 | 02.29 | VIS 79B(C) 1418 July 2, 1979 | V-VIS 9/9/81 | " | |
| | | | | | | | | | |
| | | | | | | | | | |

| RESPONSIBLE PERSONNEL | | ORIGINATOR | |
|--|-------------------|---|--|
| TYPE OF ACTION | NAME | | |
| OBJECTS INSPECTED FROM SEAWARD | Philip B. Walbolt | <input checked="" type="checkbox"/> PHOTO FIELD PARTY | |
| | | <input type="checkbox"/> HYDROGRAPHIC PARTY | |
| | | <input type="checkbox"/> GEODETIC PARTY | |
| | | <input type="checkbox"/> OTHER (Specify) | |
| POSITIONS DETERMINED AND/OR VERIFIED | Philip B. Walbolt | FIELD ACTIVITY REPRESENTATIVE | |
| | Robert R. Kravitz | OFFICE ACTIVITY REPRESENTATIVE | |
| FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES | | <input type="checkbox"/> REVIEWER | |
| | | <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE | |
| INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' | | | |
| (Consult Photogrammetric Instructions No. 64.) | | | |
| OFFICE | | FIELD (Cont'd) | |
| I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75 | | B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982 | |
| FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field P - Photogrammetric L - Located Vis - Visually V - Verified 1 - Triangulation 5 - Field identified 2 - Traverse 6 - Theodolite 3 - Intersection 7 - Planetable 4 - Resection 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75 | | II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods. | |
| *FIELD POSITIONS are determined by field observations based entirely upon ground survey methods. | | | |

| RESPONSIBLE PERSONNEL | |
|---|--|
| TYPE OF ACTION | NAME |
| OBJECTS INSPECTED FROM SEAWARD | Philip B. Walbolt |
| POSITIONS DETERMINED AND/OR VERIFIED | Philip B. Walbolt |
| FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES | Robert R. Kravitz |
| INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' | |
| (Consult Photogrammetric Instructions No. 64.) | |
| OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75 | FIELD (Cont'd) B. Photogrammetric field positions* require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982 |
| FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75 | III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods. |

