

APPENDIX A

Sampling Locations for Macrozoobenthos

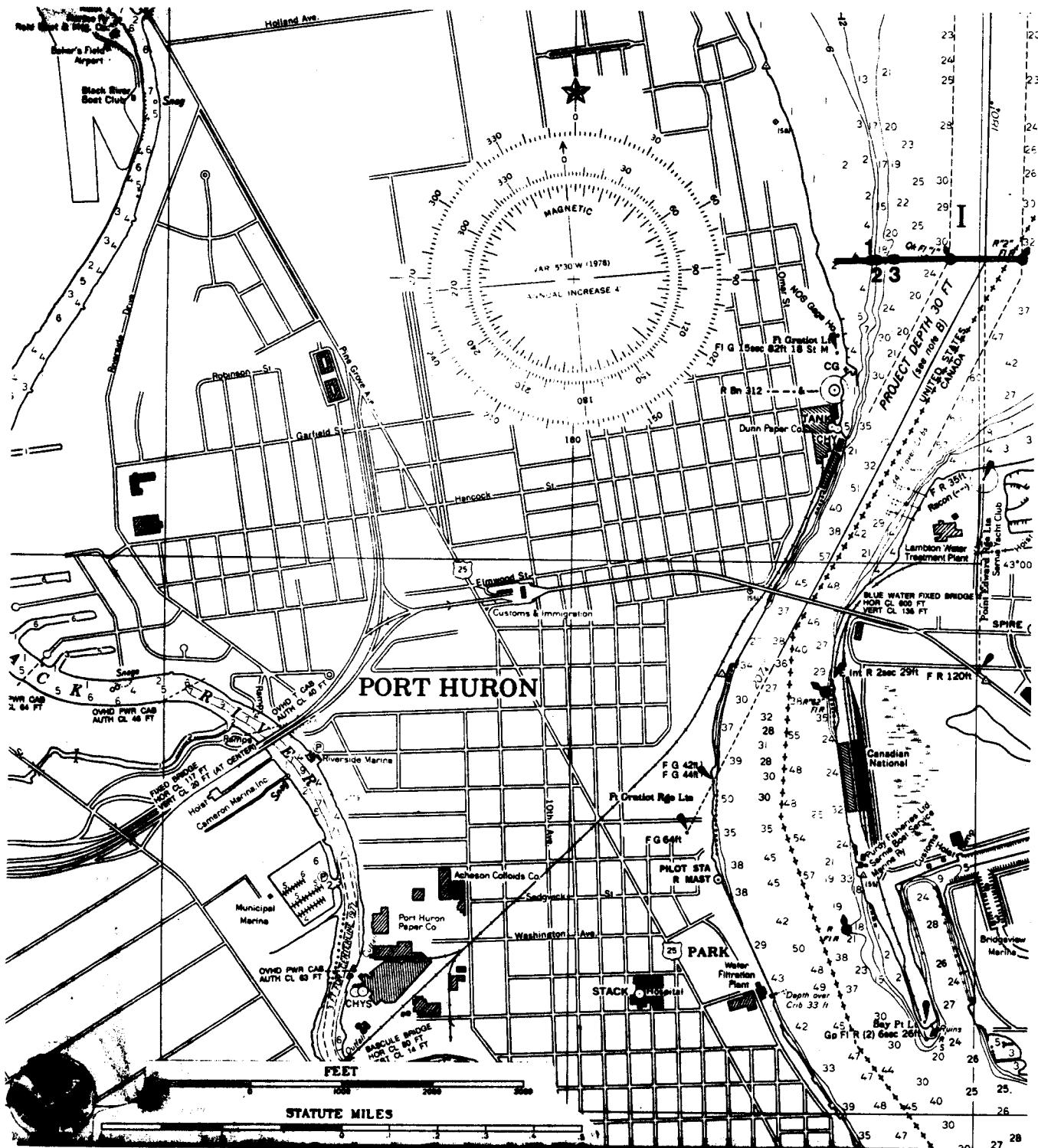
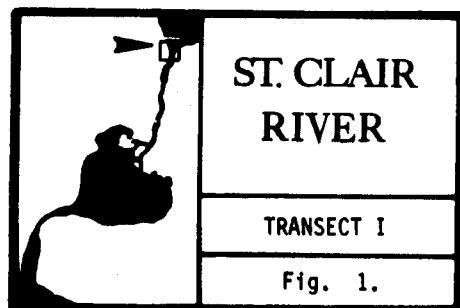


Fig. 1.

Transect I is in line with buoys number 1 and 2 at the head of the St. Clair River. Stations 1, 2, and 3 are in water 8, 12, and 16 feet deep, respectively, on the U.S. side of the shipping channel about 600-750 feet offshore.



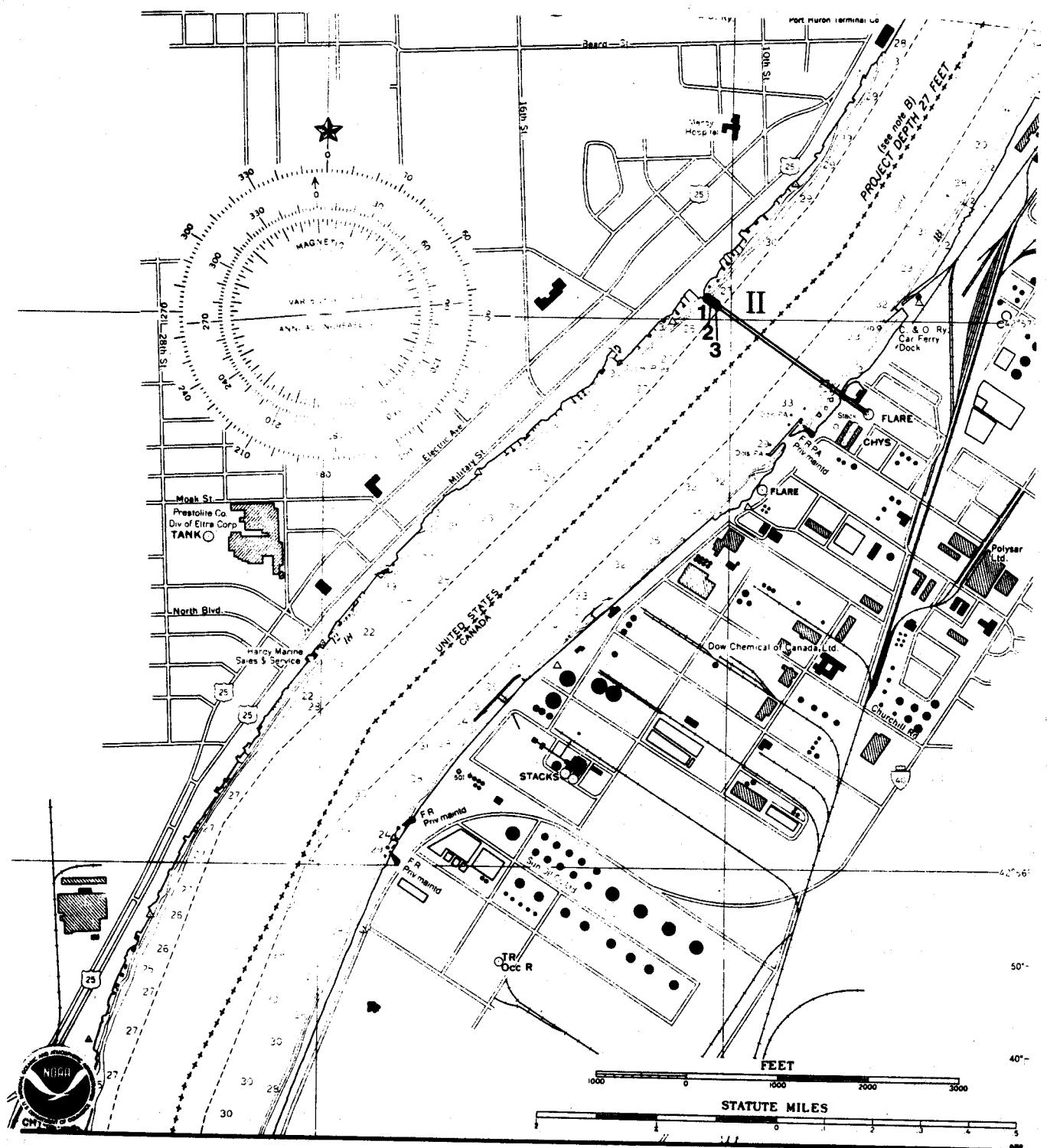
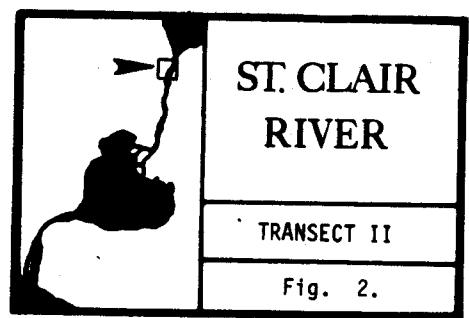


Fig. 2.

Transect II is in the St. Clair River about 4.5 miles downstream from transect I and is in line with a peninsular piece of land on U.S. side and a flare on the property of Dow Chemical of Canada, Ltd. Stations 1, 2, and 3 are in water 5, 10, and 16 feet deep, respectively, on the U.S. side of the shipping channel about 50-100 feet offshore.



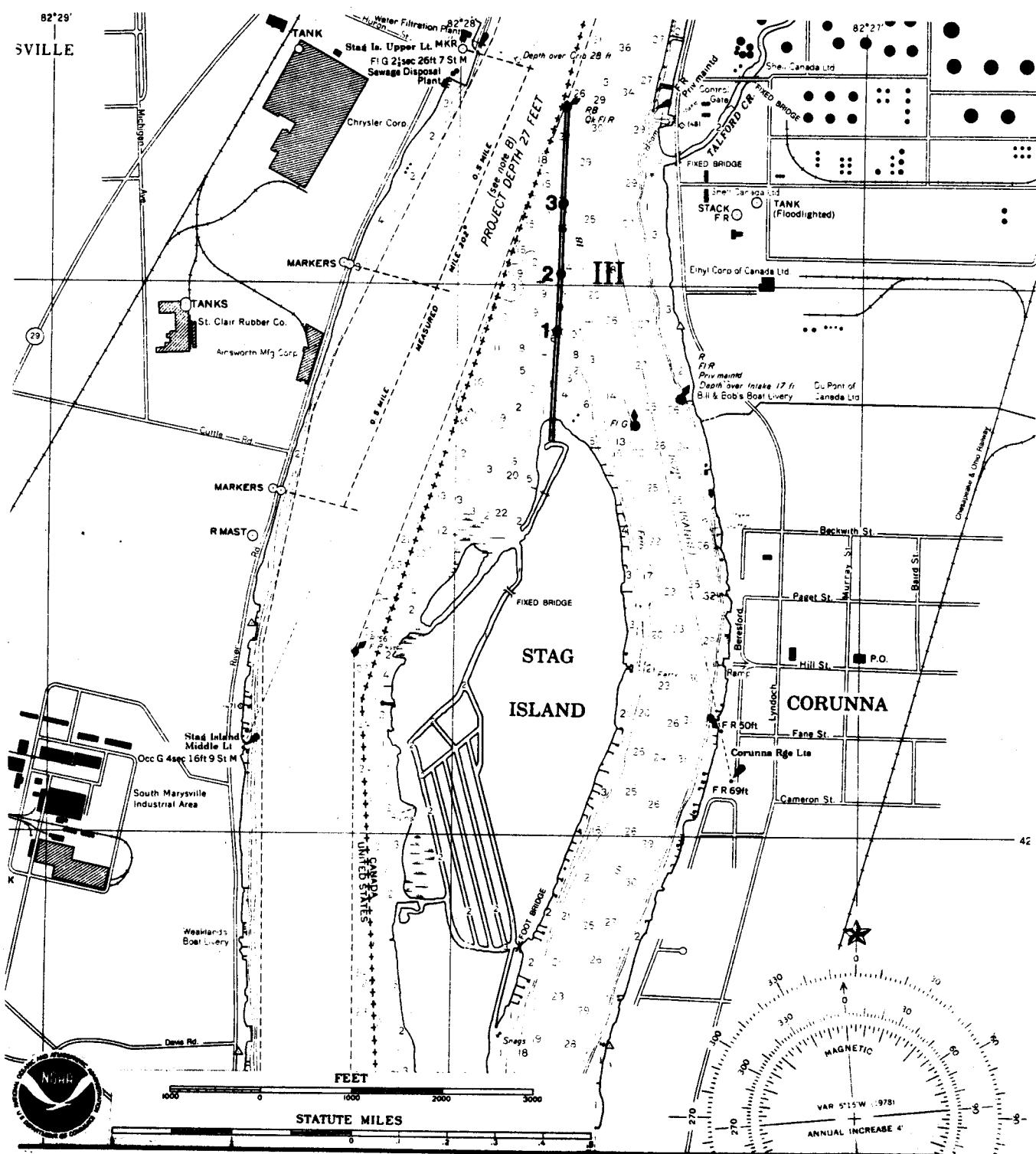
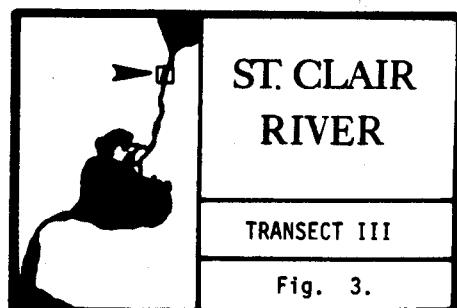


Fig. 3.

Transect III is at the head of Stag Island, about 4 miles downstream from transect II. The transect extends from the upstream tip of the island to buoy RB. Stations 1, 2, and 3 are in water 6, 13, and 18 feet deep, respectively, about 1000-2500 feet offshore.



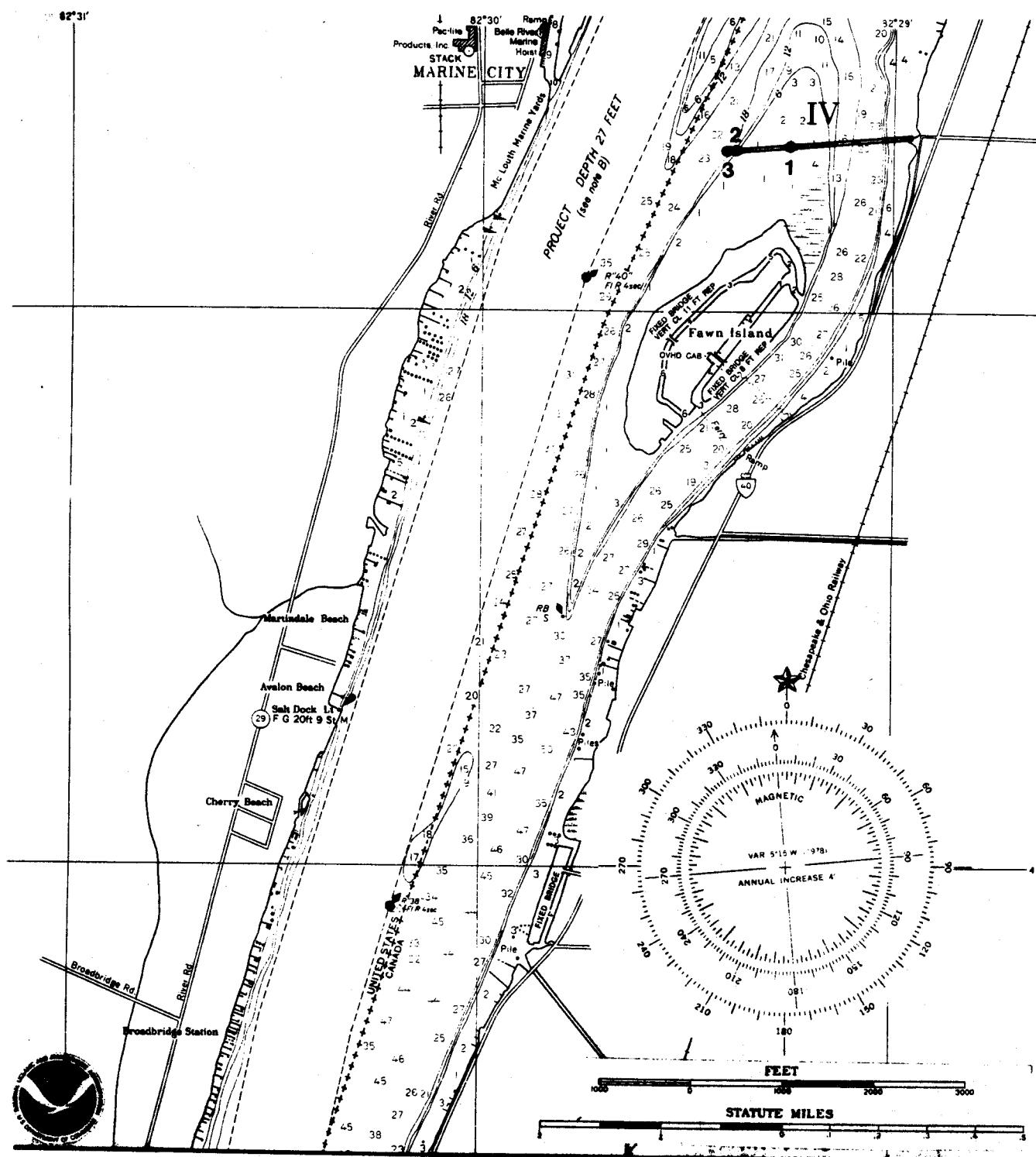
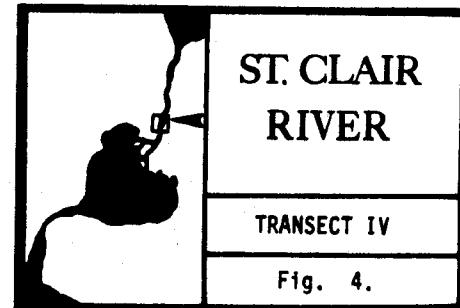


Fig. 4.

Transect IV is at the head of Fawn Island and is about 13 miles downstream from transect III. It extends due west from an unnamed east-west road on the Canadian shore. Stations 1, 2, and 3 are in water 4, 12, and 16 feet deep, respectively.



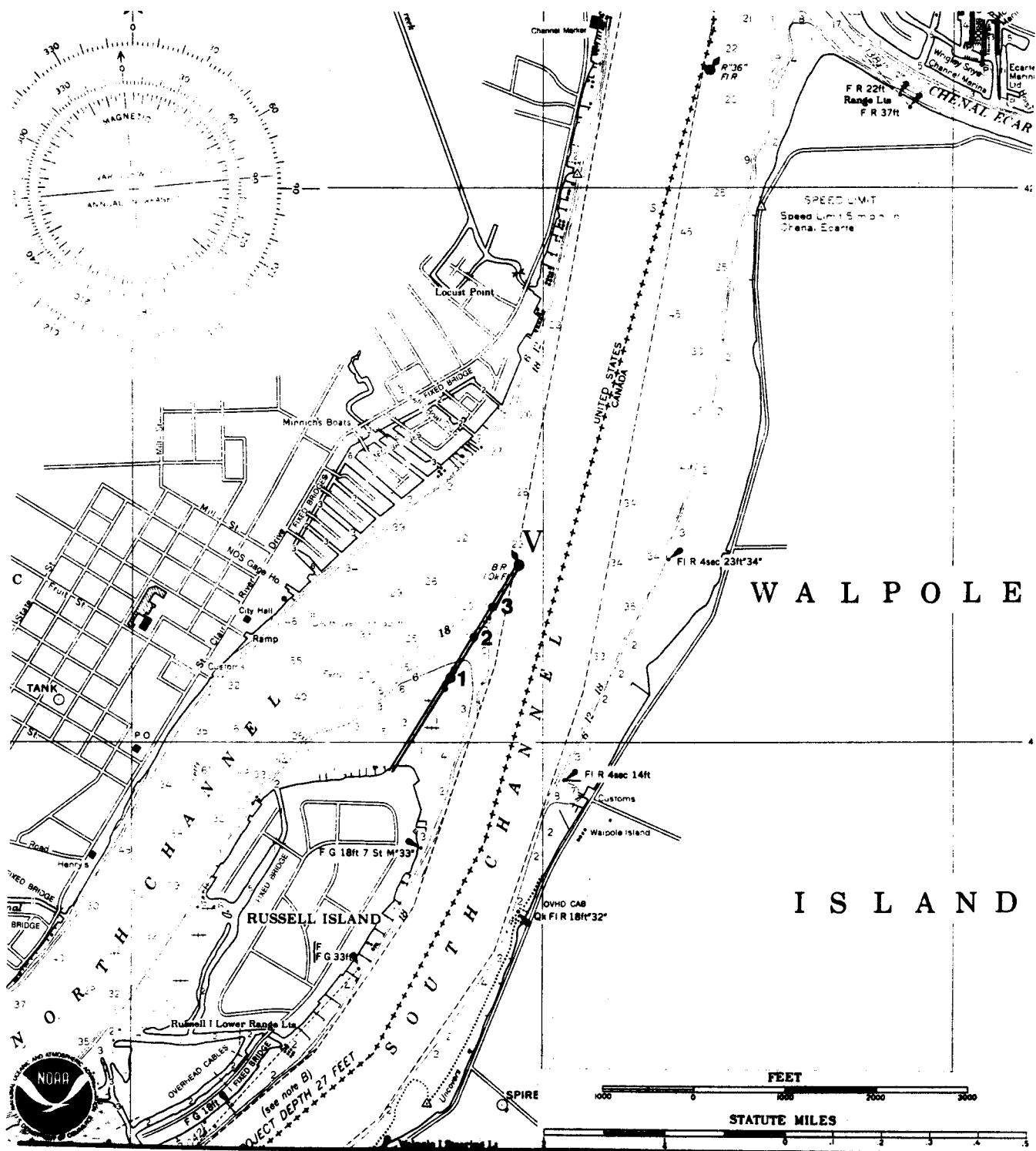
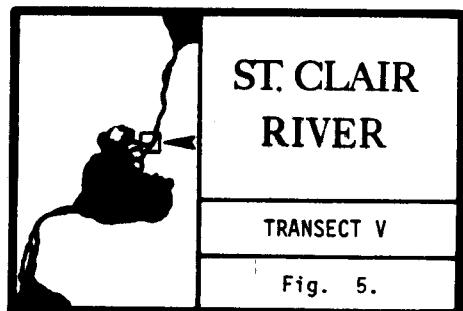


Fig. 5.

Transect V is at the head of Russell Island about 5.5 miles downstream from transect IV. It extends from the upstream tip of the island to buoy BR. Stations 1, 2, and 3 are in water 5, 10, and 16 feet deep, respectively, about 650-2100 feet offshore of Russell Island.



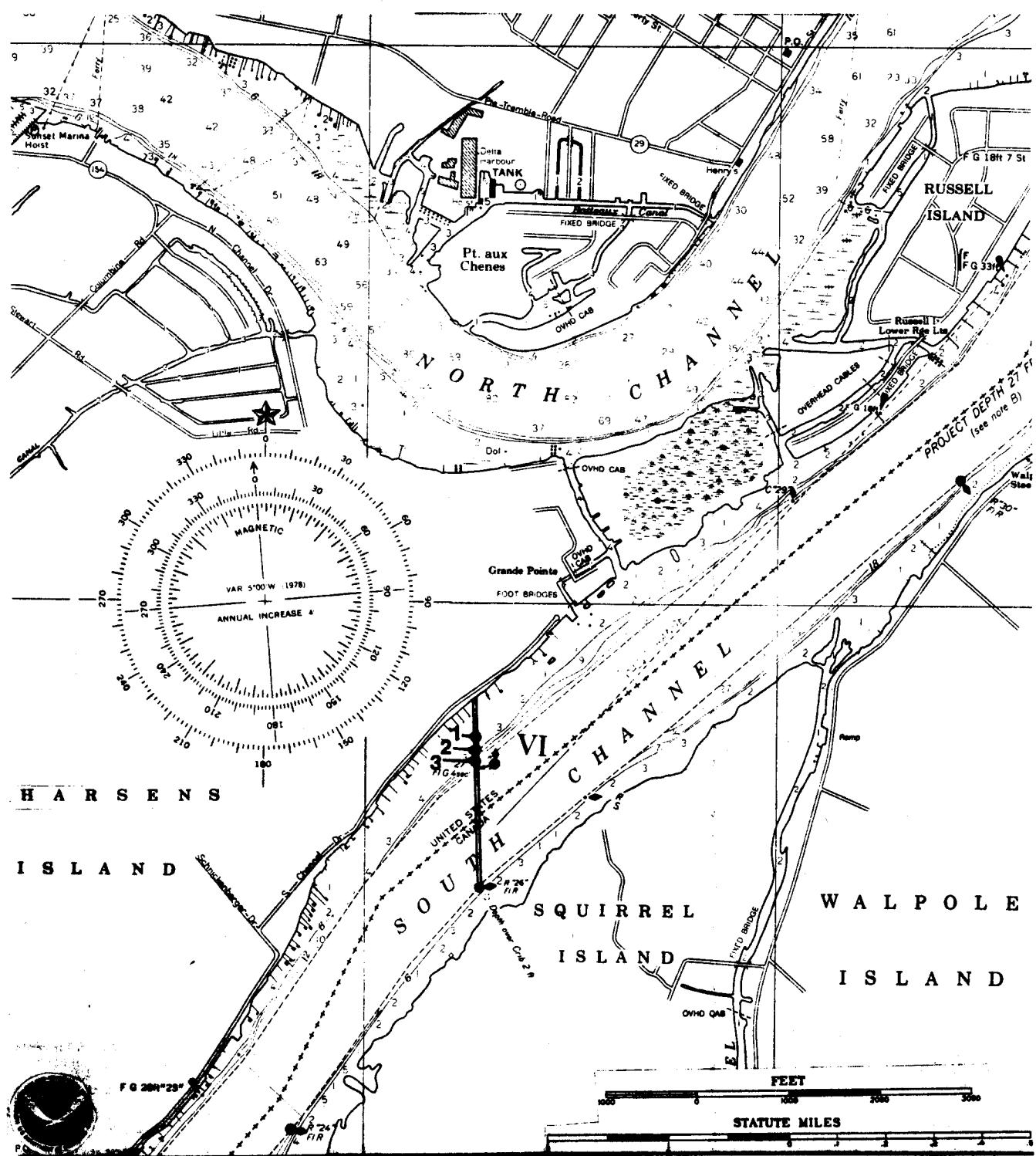


Fig. 6.

Transect VI is in the South Channel in line with buoys number 26 and 27 about 2.2 miles downstream from transect V. Stations 1, 2, and 3 are in water 4, 8, and 13 feet deep, respectively, about 400-750 feet offshore.

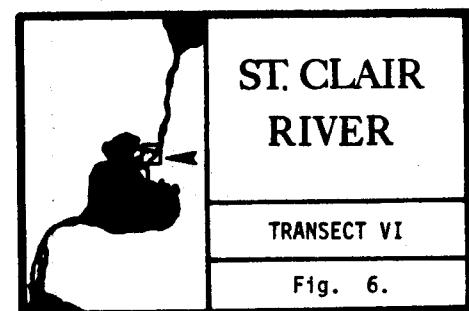


Fig. 6.

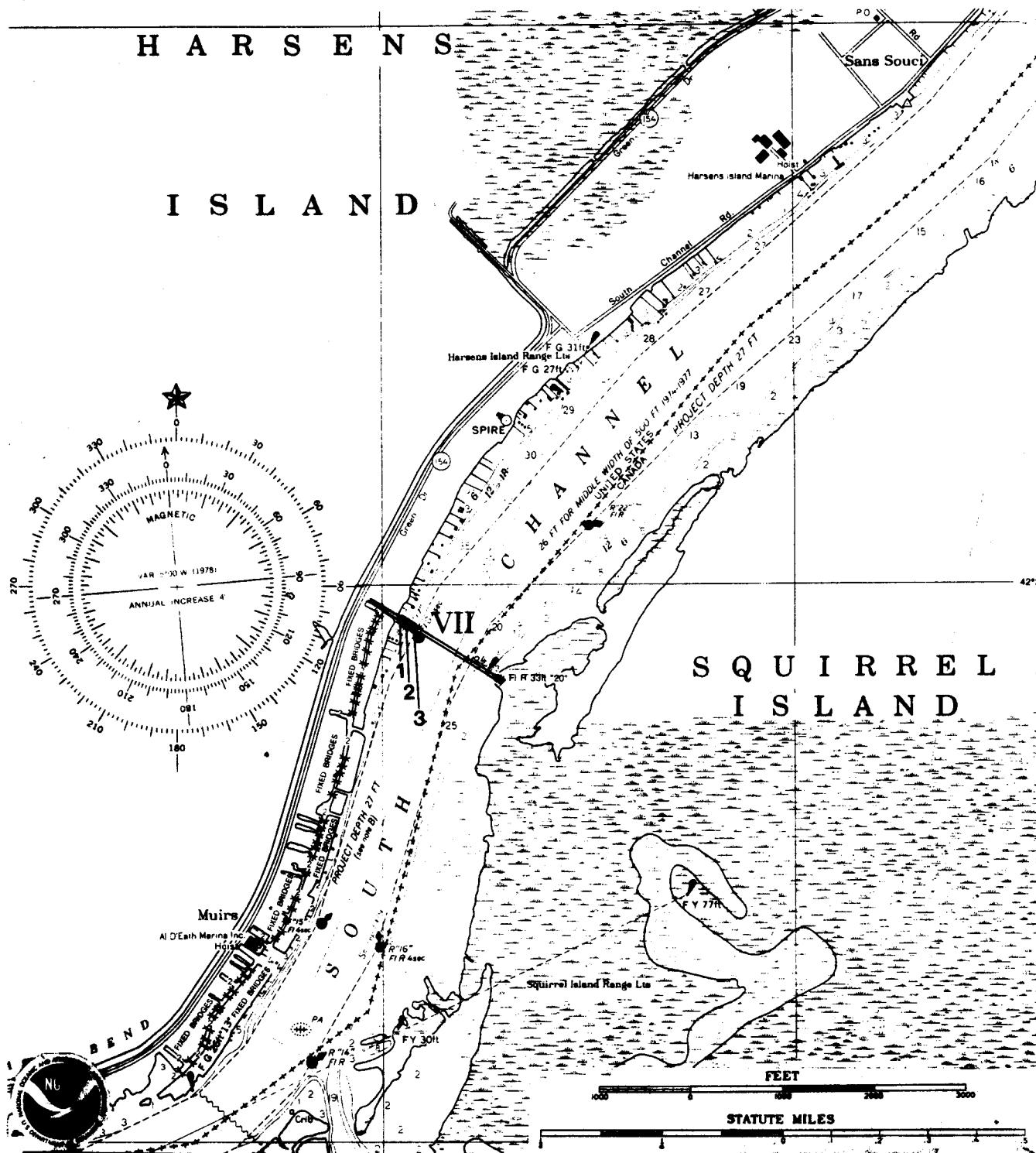
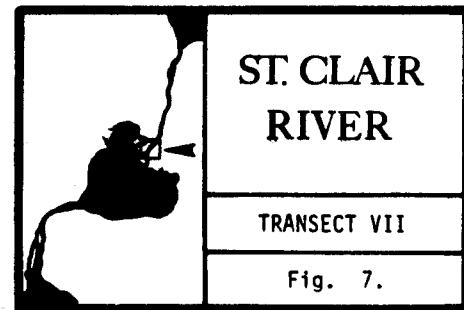


Fig. 7.

Transect VII is in the South Channel in line with buoys 17 and 20 about 2.9 miles downstream from transect VI. Stations 1, 2, and 3 are in water 6, 10, and 18 feet deep, respectively, about 100-250 feet offshore.



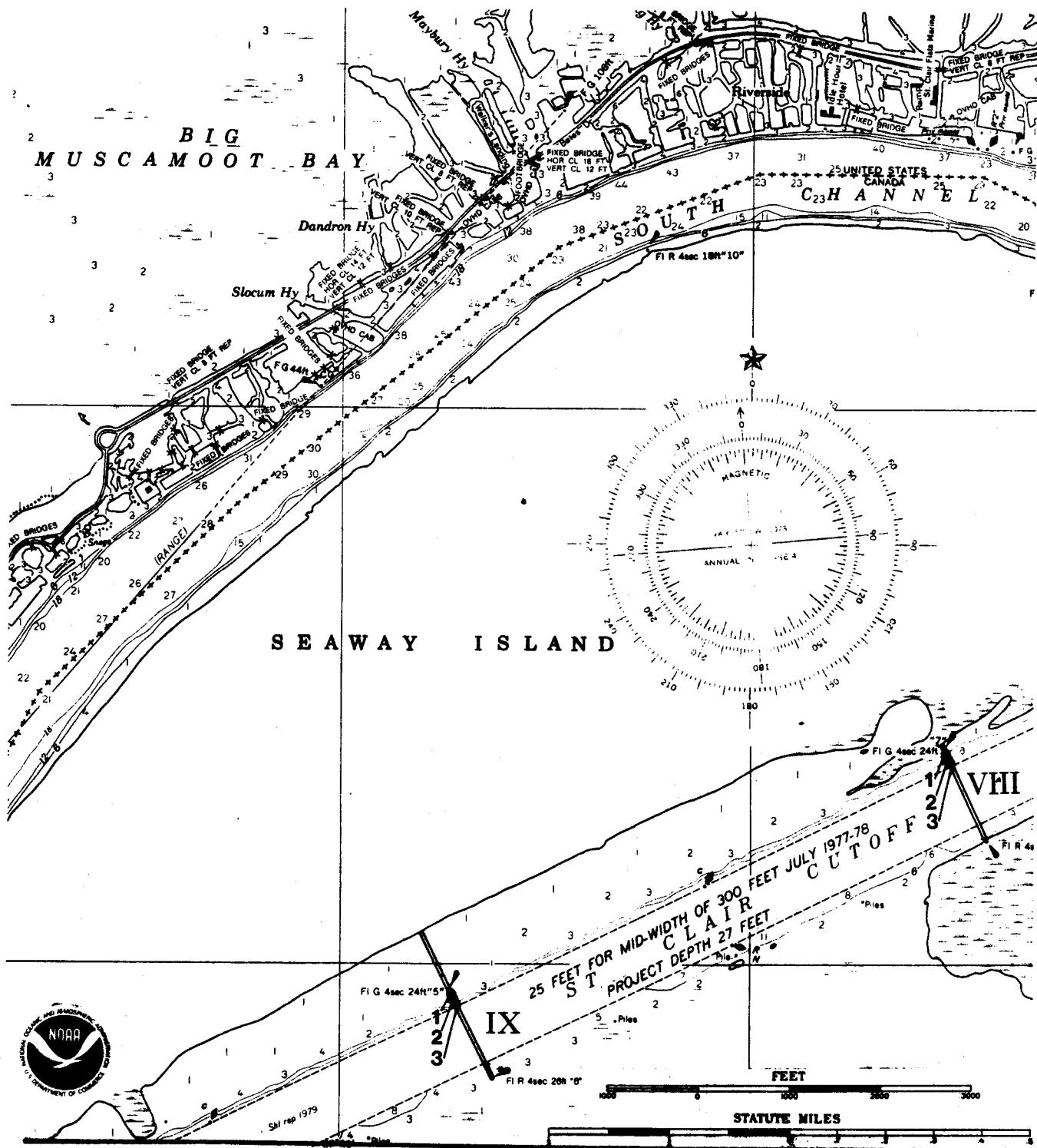
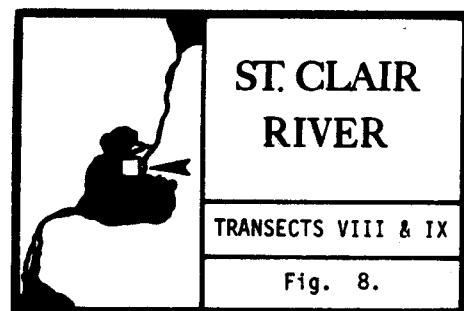


Fig. 8.

Transect VIII is in the St. Clair Cut-off Channel in line with Lights 7 and 8 about 3.2 miles downstream from transect VII. Stations 1, 2, and 3 are in water 4, 7, and 14 feet deep, respectively, about 100-250 feet offshore. Transect IX is in the St. Clair Cut-off Channel, in line with Lights 5 and 6. Stations 1, 2, and 3 are in water 5, 8, and 13 feet deep, respectively, about 700-800 feet offshore.



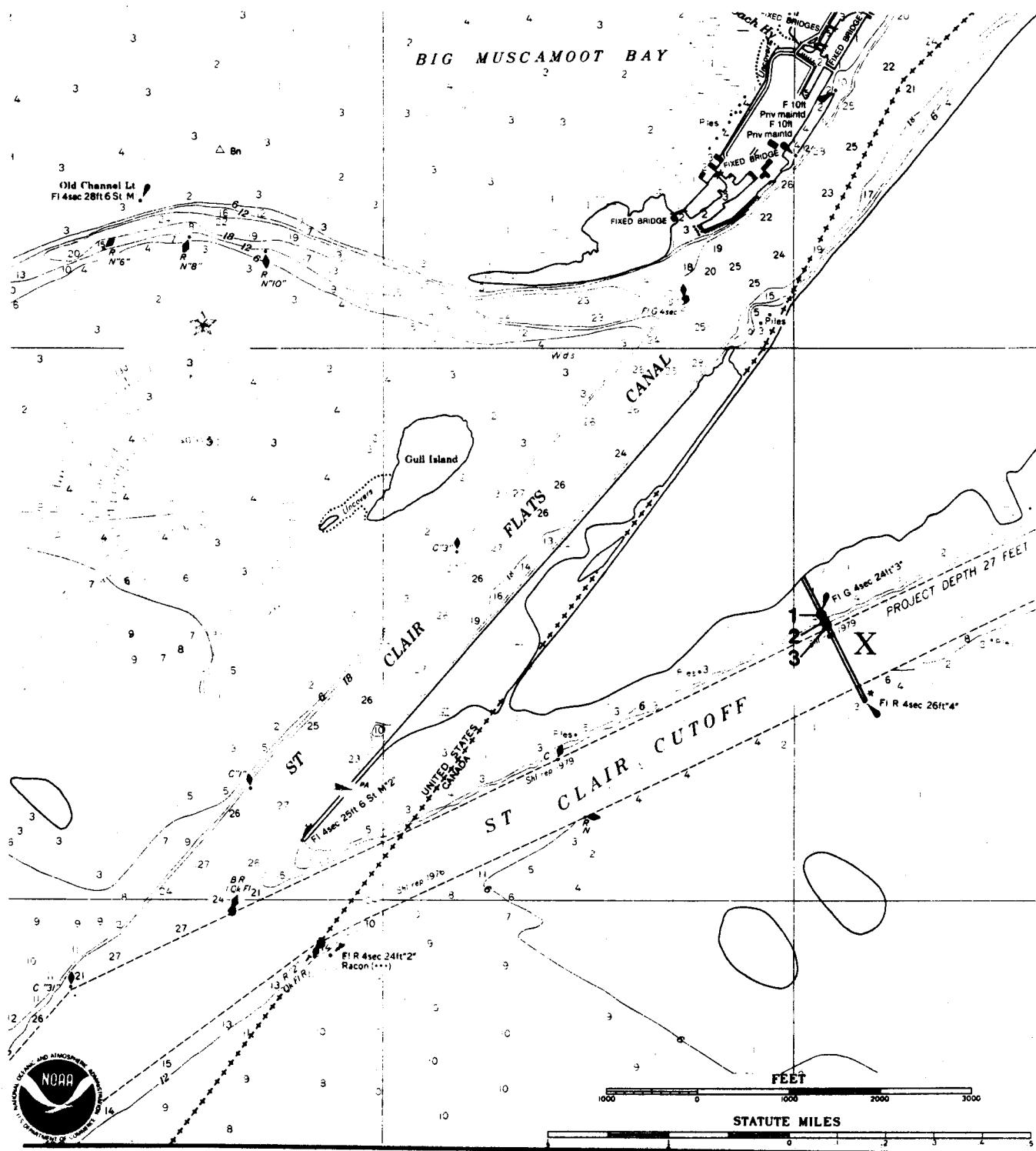
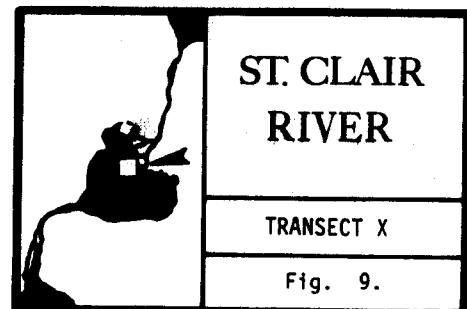


Fig. 9.

Transect X is in the St. Clair Cut-off Channel, in line with Lights 3 and 4. Stations 1, 2, and 3 are in water 5, 8, and 13 feet deep, respectively, about 700-800 feet offshore.



TRANSECT X

Fig. 9.

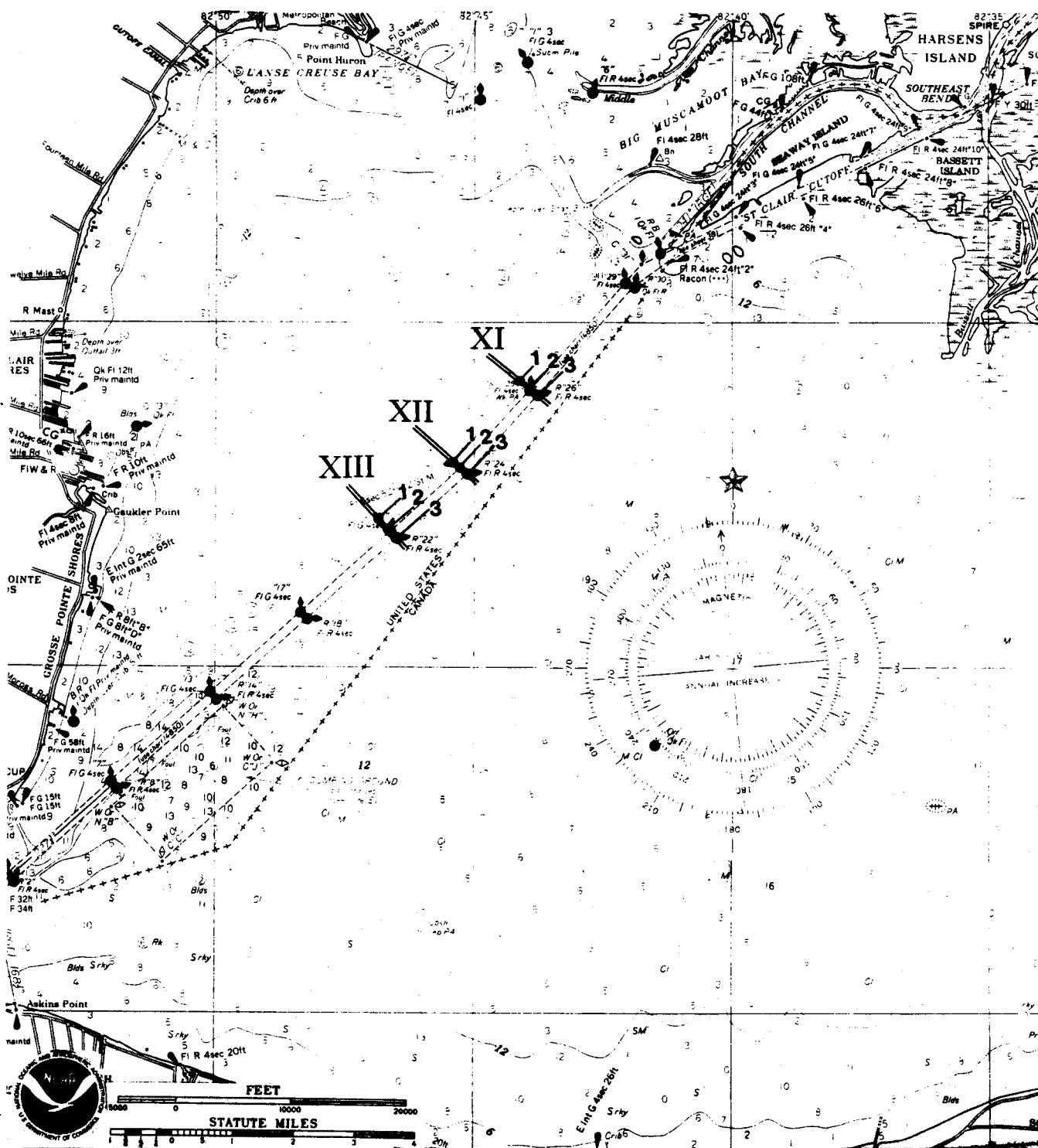
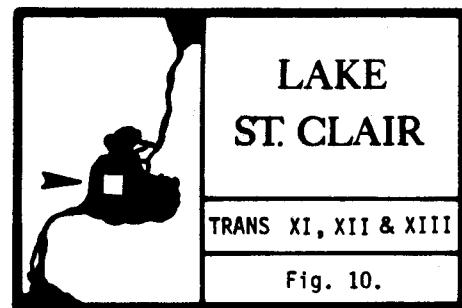


Fig. 10.

Transect XI is in Lake St. Clair in line with buoys 25 and 26 about 4.5 miles downstream from transect X. Stations 1, 2, and 3 are in water 19, 22, and 26 feet deep, respectively, about 0-1000 feet from the navigation channel. Transect XII is in Lake St. Clair, in line with buoy 24 and a stationary Light. Stations 1, 2, and 3 are in water 21, 22, and 26 feet deep, respectively, about 0-1000 feet from the navigation channel. Transect XIII is in Lake St. Clair, in line with buoys 21 and 22. Stations 1, 2, and 3 are in water 20, 22, and 26 feet deep, respectively, about 0-1000 feet from the navigation channel.



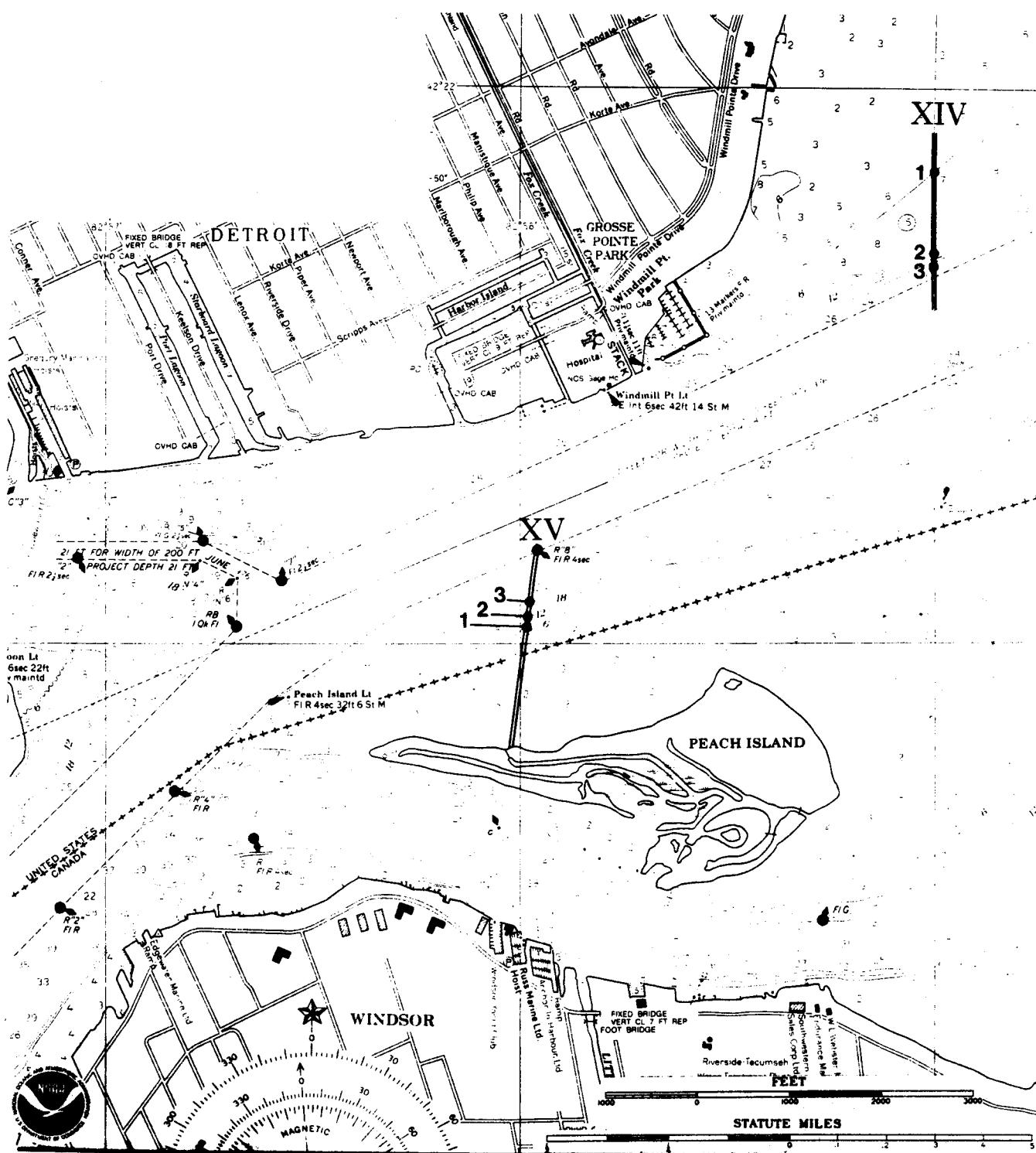
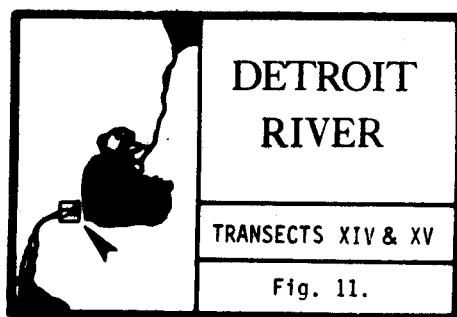


Fig. 11.

Transect XIV is in Lake St. Clair near the head of the Detroit River on a bearing of 4° from the Peach Island Range Tower. Stations 1, 2, and 3 are in water 7, 10, and 18 feet deep, respectively, on the north side of the channel, about 5000-6000 feet offshore. Transect XV is in the Detroit River on a bearing of 187° from buoy 8 on the north side of Peach Island. Stations 1, 2, and 3 are in water 7, 10, and 17 feet deep, respectively, about 1300-1600 feet offshore of Peach Island.



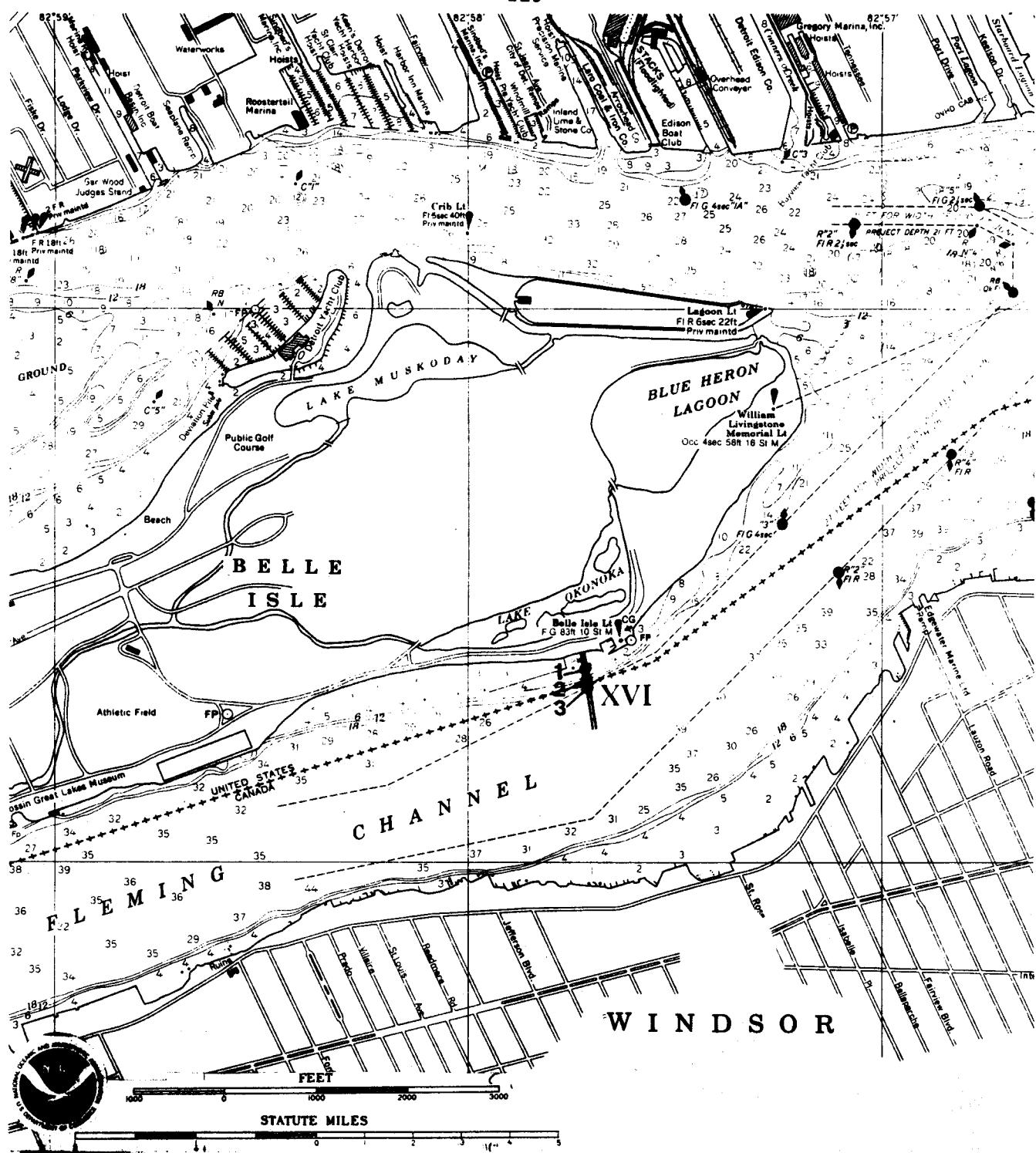
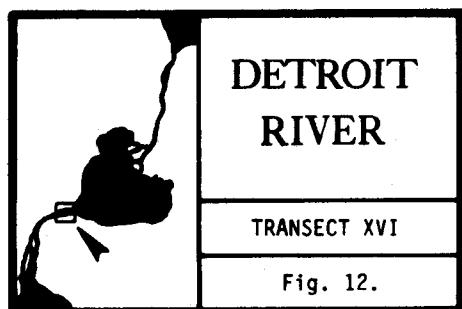


Fig. 12.

Transect XVI is on the south side of Belle Isle about 1.8 miles downstream from transect XV. The transect extends on a bearing of 172° from a point on the shoreline midway between the entrance to the Coast Guard Station vessel slip and the base of the Michigan Department of Natural Resources fishing pier. Stations 1, 2, and 3 are in water 6, 9, and 16 feet deep, respectively, and about 50-250 feet offshore.



DETROIT
RIVER

TRANSECT XVI

Fig. 12.

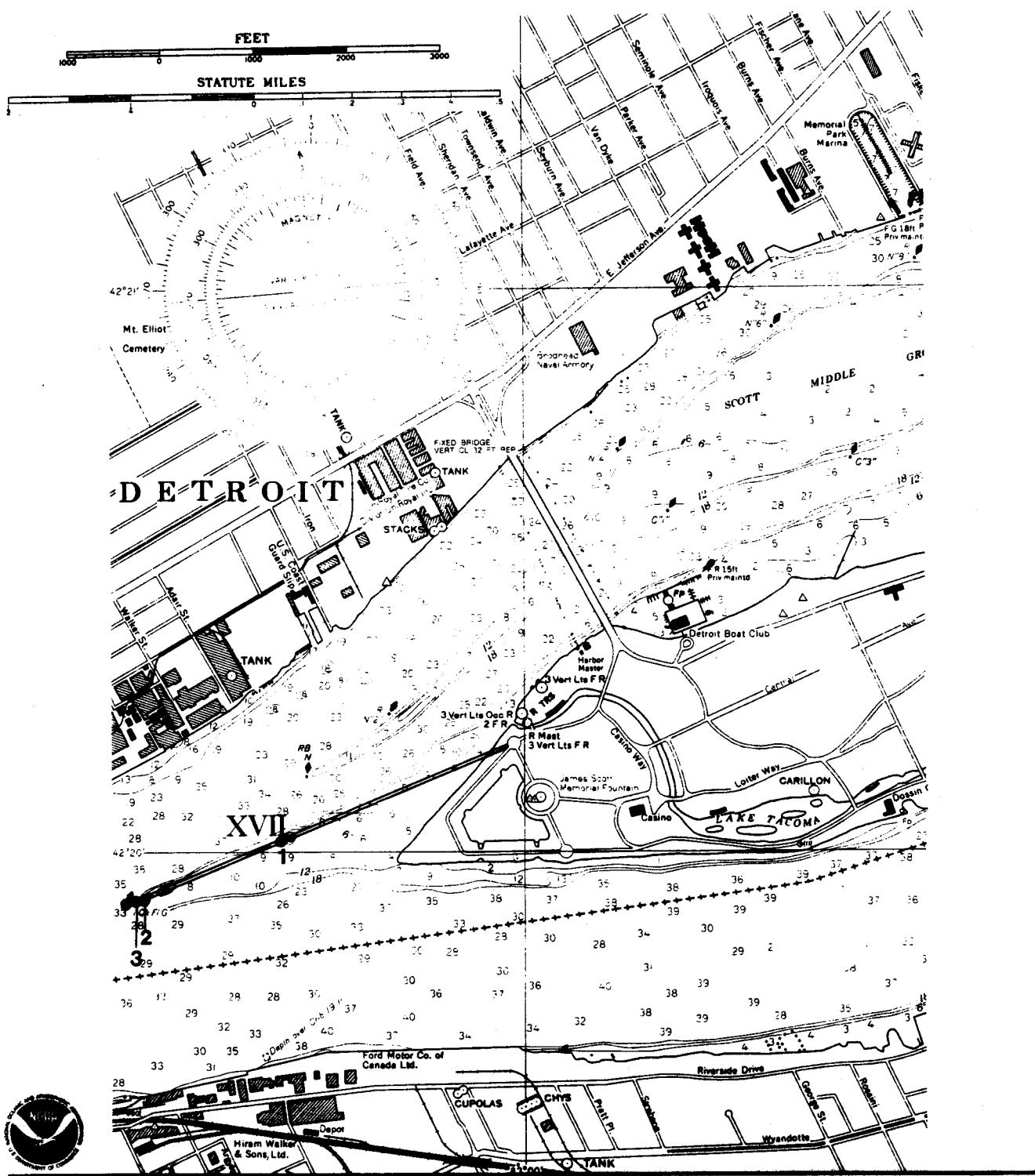
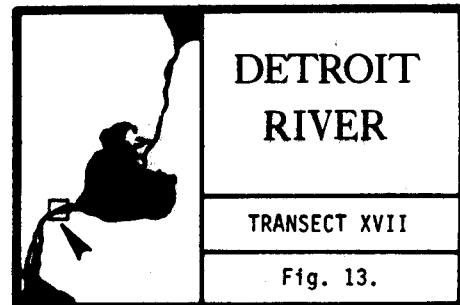


Fig. 13.

Transect XVII is below Belle Isle between buoy RB and a road intersection on Belle Isle about 2.5 miles downstream from transect XVI. Stations 1, 2, and 3 are in water 10, 12, and 18 feet deep, respectively, about 2600-3900 feet offshore.



TRANSECT XVII

Fig. 13.

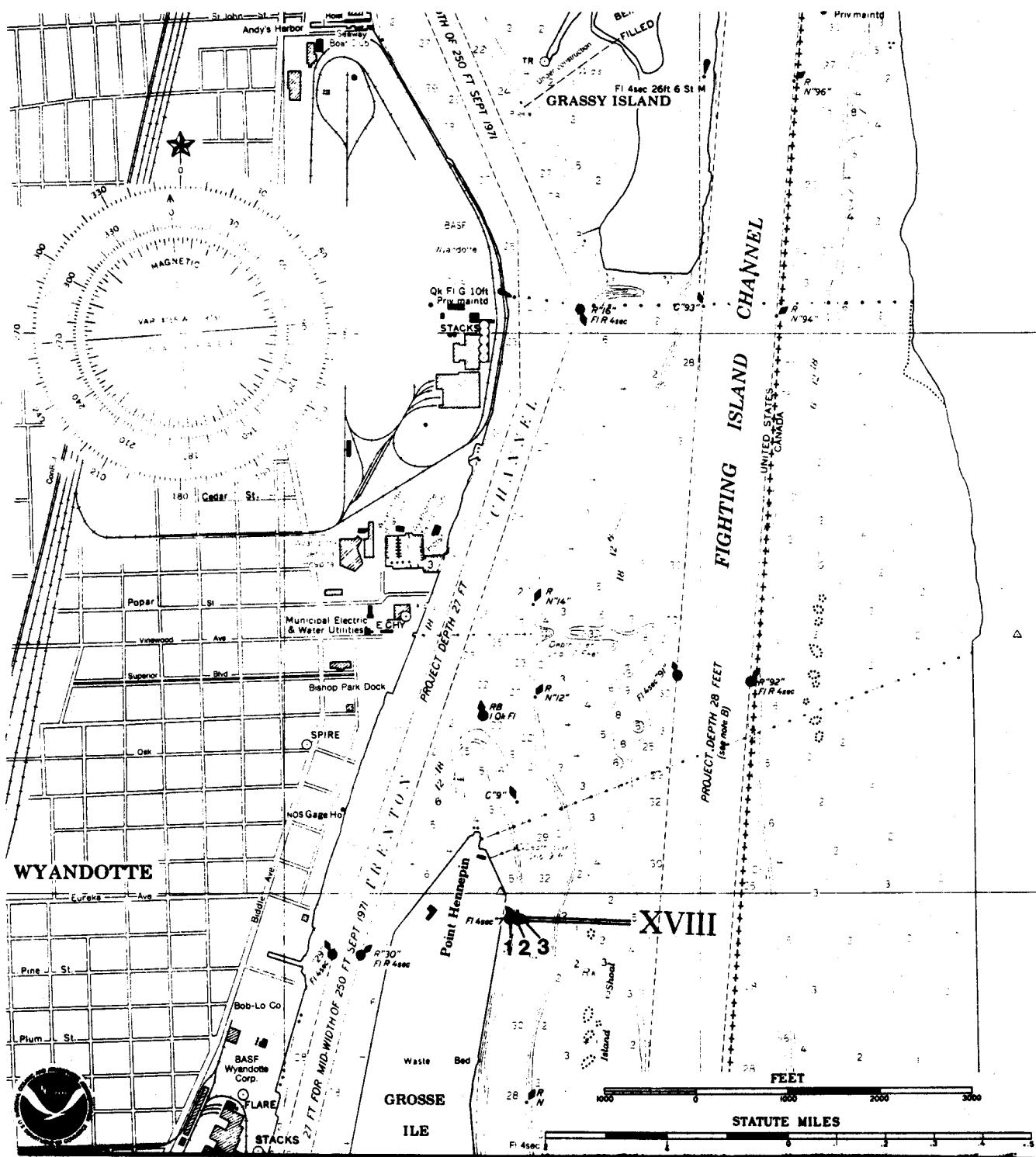


Fig. 14.

Transect XVIII is on the east side of the tip of Point Hennepin on a bearing of 275° from buoy 7 about 12.6 miles downstream from transect XVII. Stations 1, 2, and 3 are in water 6, 8, and 16 feet deep, respectively.

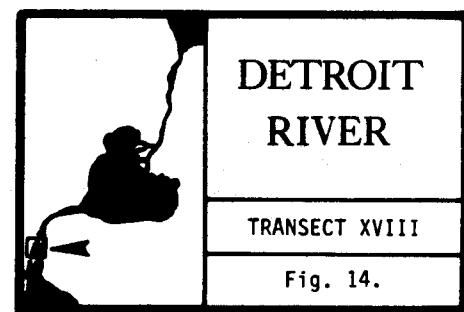


Fig. 14.

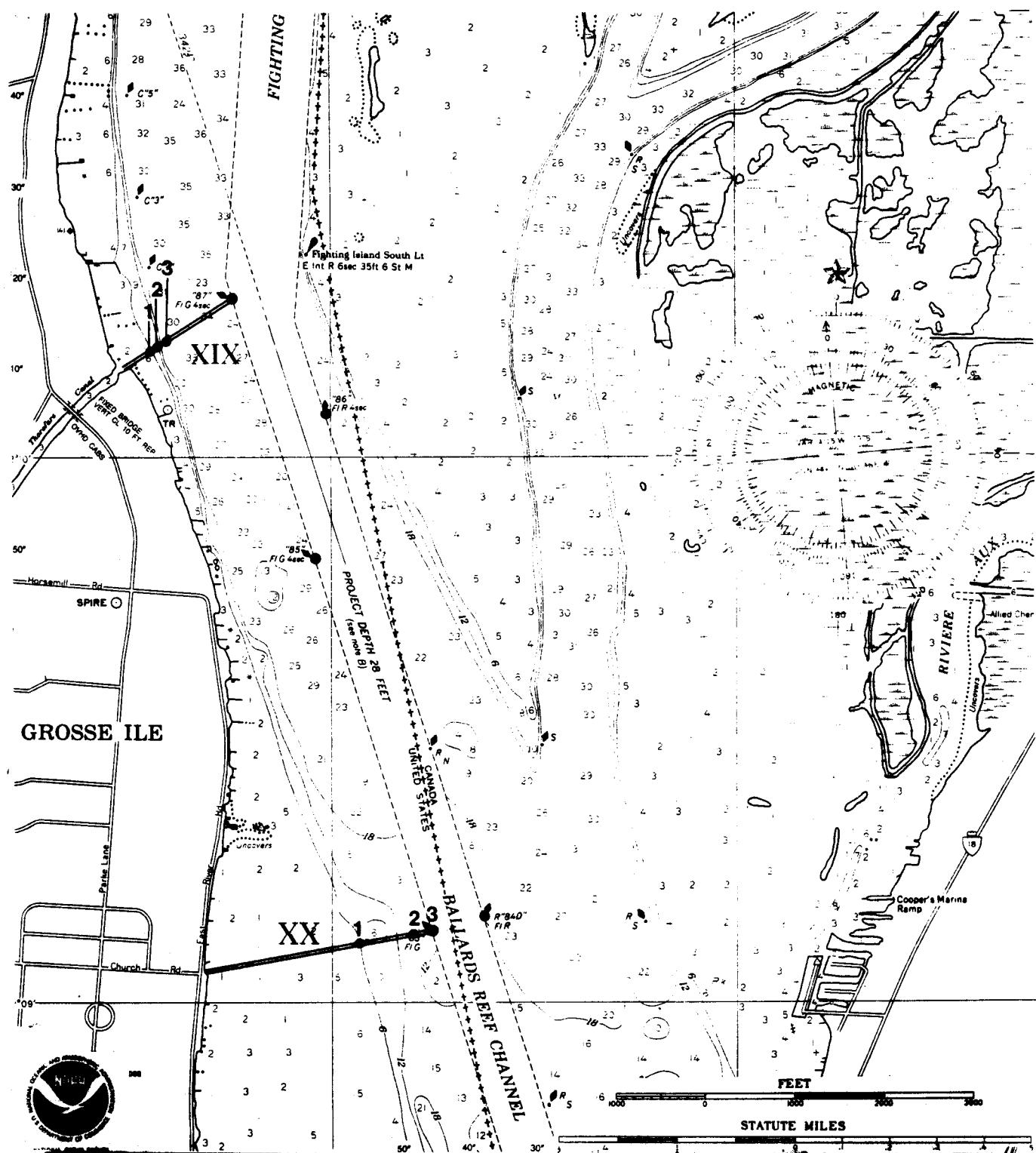
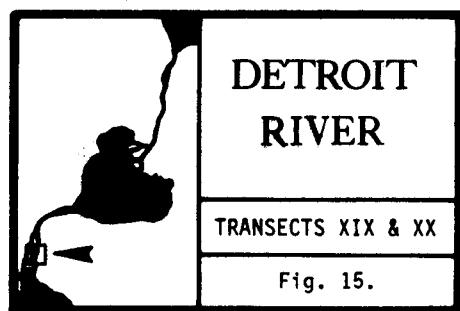


Fig. 15.

Transect XIX is adjacent to the Fighting Island Channel on a line between buoy 87 and the Thorofare Canal. Stations 1, 2, and 3 are in water 6, 12, and 20 feet deep, respectively, about 400-500 feet offshore. Transect XX is adjacent to the Ballards Reef Channel on a line between buoy 83 and Church Road on Grosse Isle. Stations 1, 2, and 3 are in water 5, 13, and 20 feet deep, respectively, about 1800-2600 feet offshore.



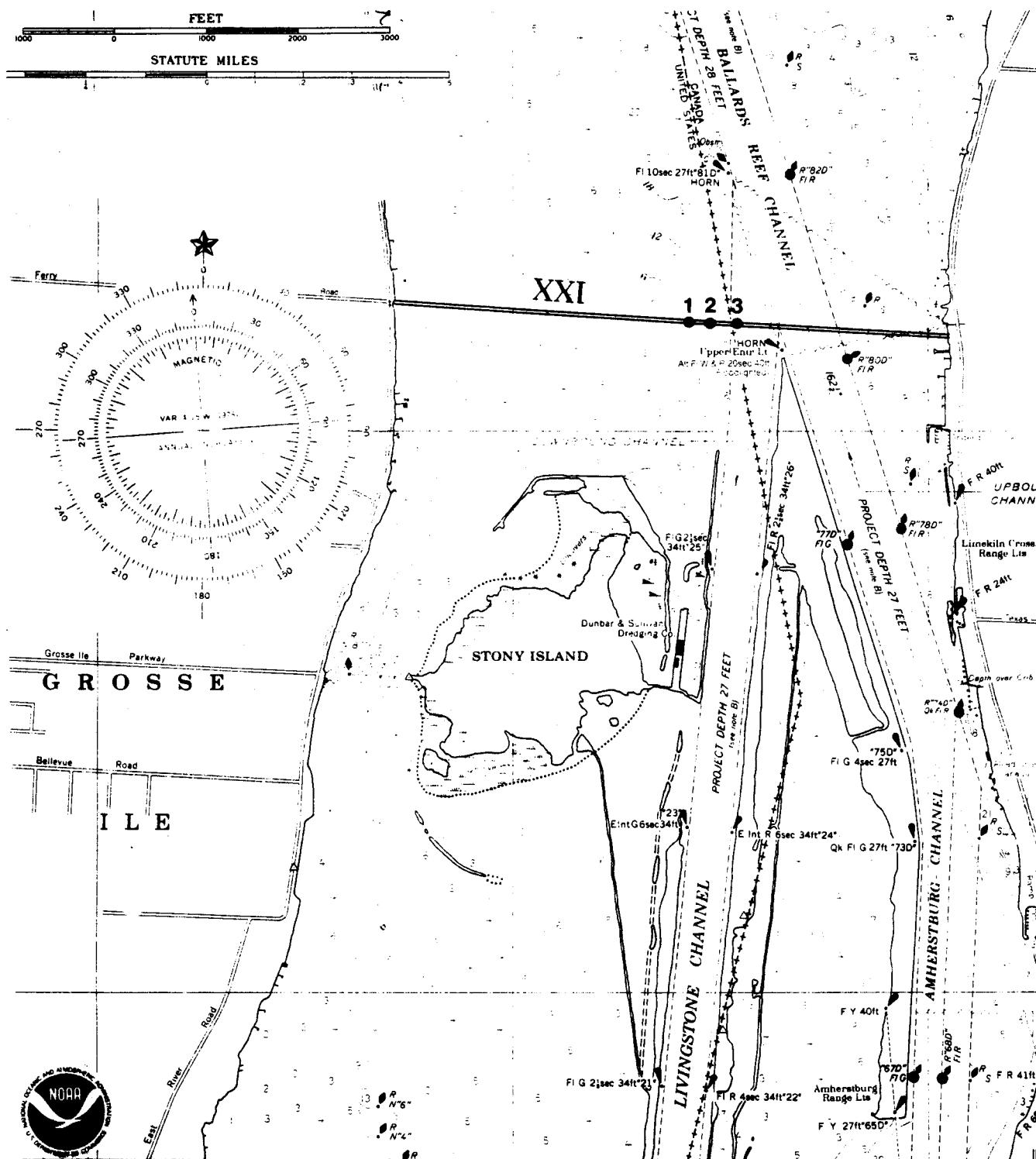
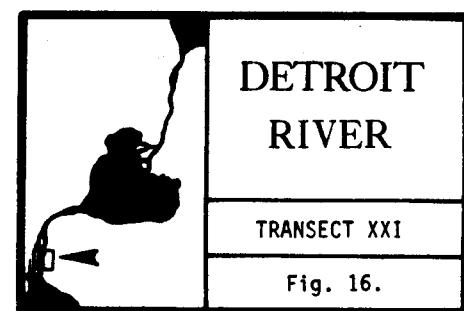


Fig. 16.

Transect XXI is adjacent to the Livingstone Channel on a bearing of 98° from Ferry Road on Grosse Isle. Stations 1, 2, and 3 are in water 9, 16, and 22 feet deep, respectively, about 3300-3700 feet offshore.



**DETROIT
RIVER**

TRANSECT XXI

Fig. 16.