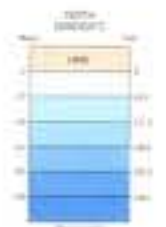


Base map information including bathymetry was compiled by the National Ocean Service (NOS). Bathymetry compiled from NOS hydrographic survey data has index values comply with International Hydrographic Organization (IHO) Special Publication No. 223. This information is not intended for navigational purposes. Bathymetric contours were derived from a 1:50,000 scale chart (see chart number inside the map).

Oblique projection survey data, printed in red, compiled by the Wetlands Management Service. Heavy lines indicate limits of NOAA Coastal Continuum Staff Official Protection Program. The projections on this map are not for Federal fishing purposes. For such purposes refer to the OCS Official Protection Program available from the Wetlands Management Service.

- MAP SYMBOLS**
- Beacon, light and daymark (left hand)
  - Obstruction light (right hand)
  - Wreck light (right hand)
  - Lightship



Published at Washington, D.C.  
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE

1990

BATHYMETRIC CONTOUR INTERVALS: 2 METERS TO MAXIMUM DEPTH,  
SUPPLEMENTED BY 1 METER INTERVALS.

DATUM: MEAN LOWER LOW WATER

TRANSVERSE MERCATOR PROJECTION  
SCALE 1:50,000



**NOT TO BE USED FOR NAVIGATION**

The information appearing on this Bathymetric Fishing Map is not suitable for navigation and is not published by NOAA to Marine users. Mariners are urged to use the following National Ocean Service nautical charts for navigation in the area covered by this Bathymetric Fishing Map: 11386, 11387, 11388 and 11389.



**HYDROGRAPHIC SURVEY INFORMATION**

DATE	NAME	TYPE	NO. OF STATIONS	NO. OF SOUNDINGS
1989-1990	HELIOS	HYDROGRAPHIC	1,200	15,000
1989-1990	HELIOS	HYDROGRAPHIC	1,200	15,000
1989-1990	HELIOS	HYDROGRAPHIC	1,200	15,000
1989-1990	HELIOS	HYDROGRAPHIC	1,200	15,000
1989-1990	HELIOS	HYDROGRAPHIC	1,200	15,000
1989-1990	HELIOS	HYDROGRAPHIC	1,200	15,000
1989-1990	HELIOS	HYDROGRAPHIC	1,200	15,000
1989-1990	HELIOS	HYDROGRAPHIC	1,200	15,000
1989-1990	HELIOS	HYDROGRAPHIC	1,200	15,000
1989-1990	HELIOS	HYDROGRAPHIC	1,200	15,000

**PROJECTION**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

- SEDIMENT TYPES**
- Mud
  - Sand
  - Shells
  - Gravel
  - Rocky
  - Sediment boundary
- Sediment information compiled from NOS hydrographic survey data.

