

Job Report

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Project Name: Developmental Activities in Region V
Period Covered: September 1, 1961 to December 31, 1962 Job No. 4

Contract Placement of Buoys on Artificial Fishing Reefs off Port Aransas and Port Isabel

Abstract: Two DL-4 buoys complete with 6,000-pound concrete anchors and chains were placed on artificial reefs previously constructed by the Texas Game and Fish Commission. One of these buoys was placed on the Port Aransas reef at latitude $27^{\circ}46'25''$ and longitude $95^{\circ}58'15''$; the other was placed near Port Isabel at latitude $26^{\circ}05'21''$ and longitude $97^{\circ}06'$. This work was done by a private firm under contract.

Objectives: To buoy two artificial reefs in the Gulf of Mexico.

Procedures: Two DL-4 buoys, manufactured by Buoys Inc. of Houston, were placed one each on the Port Aransas and Port Isabel gulf fishing reefs. The Texas Game and Fish Commission furnished anchor bale and anchor chain. The contractor poured two 6,000-pound concrete anchors as per specifications and placed assembled buoy, chain and anchors on specified locations.

One buoy was placed on the Port Aransas reef in the Gulf of Mexico at latitude $27^{\circ}46'25''$ and longitude $95^{\circ}58'15''$ and approximately six miles south-east of Port Aransas, Texas. The second buoy was placed on the Port Isabel reef in the Gulf of Mexico at latitude $26^{\circ}05'21''$ and longitude $97^{\circ}06'$ and approximately six miles east of Port Isabel, Texas.

Findings and

Discussion: As the buoys were already on hand, their costs were not a part of the job costs. Two 6,000-pound anchors were cast at a cost of \$55.00 each. Two anchor chains with bridles were assembled at a cost of \$250.00 each.

Bids for the placement of the buoys were advertised from Rockport on March 20, 1962 and received at Rockport on March 27, 1962. Bids were received on the Port Aransas buoy from Jackson Marine Service, Ted R. Little & Sons and Lloyd W. Richardson Construction Corporation. Bids were received on the Port Isabel buoy by Jackson Marine Service, Kinsel Boat Service and Fulton Boat Yard. A contract was awarded Jackson Marine Service as low bidder on both buoy placements on April 26, 1962 by the State Board of Control (GFC #1611).

The buoy was placed on the Port Aransas reef location on June 18, 1962 and the buoy was placed on the Port Isabel reef location on July 10, 1962.

Comments: Fathometer surveys will be made of the bottom surrounding each buoy to determine the extent of the original reef material still present. The results of these surveys will be used to determine whether or not either reef will need to be replaced or supplemented in the future.

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