

From: MARINE CONSTRUCTION & DESIGN CO. (MARCO)
Shipyard Division
2300 West Commodore Way
Seattle, WA 98199 U.S.A.

FOR IMMEDIATE RELEASE
(November 5, 1977)

(206) 285-3200
Telex: 32-0098

NEW MARCO CRABBER, 'NORTHWESTERN',
HEADING FOR ALEUTIANS, BERING SEA

SEATTLE -- The fourth big crab boat constructed by Marine Construction and Design Co. (MARCO) this year was christened Saturday (November 5) at the MARCO shipyard on Seattle's ship canal.

The 108-foot steel vessel was christened "Northwestern" by Mrs. Snifred Hansen, wife of the owner and skipper, Sverre Hansen.

The "Northwestern" is the 44th vessel that MARCO has constructed for Alaskan fisheries since 1968. Five additional boats are on order for delivery starting in January.

Following the christening, Hansen will provision the "Northwestern" and make the week-long voyage to Alaska's crab fishery waters, where the veteran fishermen will fish during the winter months near the Aleutian Islands and in the Bering Sea.

Hansen will be delivering his catches to Pacific Pearl Seafoods in Dutch Harbor.

85 Tons of Live Crab

The "Northwestern" has three fish holds totalling 7,500 cubic feet of space to carry 85 tons of live crab in circulating seawater.

Propulsion is provided by a turbo-charged and after-cooled Caterpillar D398, producing 850 hp to drive a Coolidge 80-inch 3-blade stainless steel propeller. The vessel has two Caterpillar D3306 auxiliary engines for powering 135 kw generators.

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Deck and fishing machinery of the all-hydraulic system designed by MARCO includes a MARCO crab pot hauler and a pot dumping rack, and an 8-ton Rowe crane and a MARCO boom winch for handling the crab pots and cargo. Power for the deck machinery is transmitted through two MARCO two-pump hydraulic pump drives coupled to the two auxiliary engines.

Remote control consoles for operating the crane and boom winches are located on the main deck and on the fo'c'sle deck overlooking the pot storage area. And, a console with controls for the pot hauler and pot dumping rack is located on the fishing deck.

Navigation and communication equipment includes two Loran sets, two radars, recording depth sounder, depth indicator, autopilot with gyro compass, four radio and radio telephone sets, and a 4-station intercom. A Wagner hydraulic steering system includes a wheel plus two jog steering stations.

The "Northwestern" is the 27th crabber and crabber/trawler, of 94 to 121 feet in length, that MARCO has delivered for crab fisheries in the Bering Sea and north Pacific. Other vessels MARCO has built for use in Alaskan waters include purse seiners, aluminum seine skiffs, and oil spill recovery vessels.

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NOTE TO EDITOR: Specifications and particulars are attached.

SPECIFICATIONS

LOA: 108 feet
BEAM (maximum): 28 feet, 11 inches
DEPTH: 13 feet
DRAFT (full load): 14 feet, 6 inches

GROSS TONNAGE: 195

MAXIMUM SPEED: 12 knots

POWER: 850 bhp continuous at 1225 rpm

FUEL CAPACITY (maximum): 46,000 gallons
FRESH WATER CAPACITY: 3,500
FISH HOLDS (3): 7,500

COLOR: Hull and superstructure, white; trim, dark blue

PARTICULARS

DESIGN: Marine Construction & Design Co. (MARCO)
Bruce O. Whittemore, chief of naval architecture

CONSTRUCTION: MARCO steel (Hull 342, Seattle)

DECK MACHINERY: Rowe 8-ton crane with winch
MARCO W3000 crab boom auxiliary winch (with MARCO K0150
brake)
MARCO J0107 crab pot hauler
MARCO double-acting crab pot hydraulic dumping rack
MARCO A5041 anchor winch
Cook bait chopper

MAIN ENGINE: Caterpillar D398 turbo-charged and after-cooled; coupled
to Caterpillar 7251 hydraulic reverse/reduction gear

PROPELLER: Coolidge 80-inch 3-blade, stainless steel

STEERING: Wagner T-15 hydraulic with jog steering stations (2)

AUXILIARIES (2): Caterpillar D3306s turbo-charged for 135 kw generator (2)
coupled to MARCO DP26 HPD hydraulic pump drive (2)

SEA WATER SYSTEM: Deming 6M-4021 Centrifical pumps, Baldor 20 hp motors (3)

PILOT HOUSE ELECTRONICS: Krupp-Atlas #5000 60-mile radar
Krupp-Atlas #4100 48-mile radar
Krupp-Atlas Echograph #450F 800-fathom recording sounder
Raytheon DE726B 120-fathom depth indicator
Northern N571 SSB auxiliary radio
Johnson 40-channel CB
Raytheon Model 250 4-station intercom
Sperry 8T autopilot
Northern N-550 SSB radio telephone
(2) North Star 6000 Loran C Receivers
Hy-Gain #665 55 channel VHF