

#### GENERAL

Hull material Superstructure material

Basic functions R.U.L.E.T wreck oil recovery, Salvage support operations Classification ABS Rules for Classification of Steel vessels In Length, ACDI

Commercial diving, DP-3

**SOLAS 1974** 

#### **DIMENSIONS**

Length overall 75 ft 24 ft 18 ft 479 Beam overall Depth at side Draught max Gross tonnage Up to 47 persons

#### **TANK CAPACITIES**

Fuel oil 25638 ft3 Potable water Technical Water 1600 ft<sup>3</sup> 1000 ft<sup>3</sup> Wastewater (black) Wastewater (grey) 400 ft<sup>3</sup> 1800 ft<sup>3</sup> 1000 ft<sup>3</sup> Recovered oil 70600 ft3

#### **PERFORMANCES**

Up to 15 kn Speed

#### **PROPULSION SYSTEM**

Main engines 2x GE 12V250MDC Total Power Up to 12 eMW Propulsion 2x Voith-Schneider drives

Bow thruster 2x 1200 ekW electrically driven

#### **ELECTRICAL EQUIPMENT**

24V DC, 120V/400V 60Hz AC Network Generator sets 2x 2.5 eMW

#### **DECK LAY-OUT**

1x Stockless Anchor Anchor Tow Winch 1x Pacific Marine GH15-04 1x Hawboldt 30Lt crane Crane

#### SHIP SYSTEMS

Ship systems are according to Class

Oily Water Separator RWO Veolia OWS-COM type 10

Air conditioning 30.1 kW

Fire extinguishing **DESMI NSL 125-415** Roll reduction Voith-Schneider drives Alfa-Laval PureBallast 3 Ballast water treatment

#### **IMPORTANT SPACES**

Bridge deck C Deck

Wheelhouse Officer Cabins and conference rooms B Deck

A Deck

Cabins, ROV control room, Dive control room and lifesaving equipment

Main deck Cabins, sanitary spaces, galley, mess rooms, stores,

changing room, ROV hanger, Dive equipment

Tween deck

E.C.R, Machinery spaces Main Engines, Thruster rooms, Propulsive machinery Tank Top

#### **OIL RECOVERY SYSTEMS**

Saab Seaeye Jaguar Work class ROV Max Air 180 twin Diving system SMP Wet Bell LARS LARS Pan-American PAH-S1-3200 Decompression system Kongsberg K-POS D22 DP system Recovered oil tanks 70600 ft3 recovered oil capacity

#### STANDARD MISSION

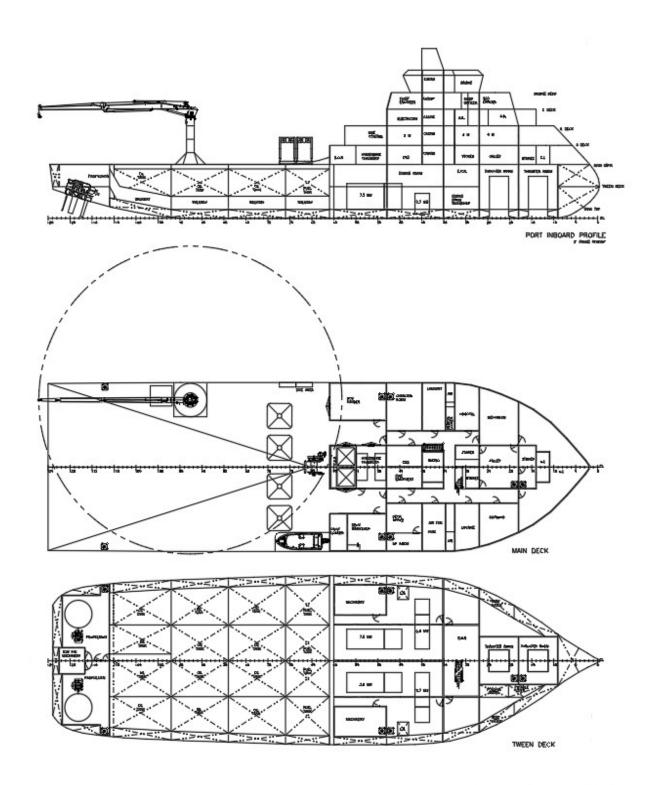
The standard anticipated mission of the vessel is the oil extraction of RULET wrecks. For this purpose, the vessel is outfitted with subsea oil extraction system, and dive capability to 150ft. The vessel is also capable of installation of a deck mounted 3 chamber saturation diving system for deeper wrecks. Also, the vessel is capable of towing a barge by the hip or over the stern. The vessel is outfitted with a 30 Lt crane to transfer iso tanks between vessels and aid in any salvage operations.



D.I.C.B SSV

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# **D.I.C.B SSV**

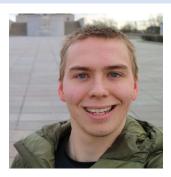
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## **MV CTHULHU**

### Ian Cosic



Hometown: Simi Valley, CA

• Freshman: Vigor Alaska

Sophomore: Eagle Bulk Shipping

• Junior: Metal Shark Croatia

• Experience: Resistance and weight prediction development and

homemade sailing catamaran

• Career plans: Pursue postgraduate degree and gain international work

experience

## Dillon Esposito-Kelley

Hometown: Sayville, NY

Freshman winter work: Newport News

• Sophomore winter work: Eagle Bulk Shipping

Junior winter work: Shipwright

• Experience: Work with ABS rules, Dive certified

• Career plans: Pursue a masters or doctorate



### **Bret Sharman**



• Hometown: Fairfax, VA

Freshman: Austal USA

• Sophomore: Stolt Tankers

• Junior: NSWCCD

Experience: Work with ship concept design, dive certified

• Career plans: Pursue a postgraduate degree and gain international work experience

## Cross Weeks

• Hometown: Born in Australia, Grew up in Colorado

Freshman: Vigor Alaska

• Sophomore: Grand River Navigation, Great Lakes

• Junior: Bath Iron Works

• Experience: Ship construction support

Career plans: Involvement in specialized vessel design

