

# PRINCIPAL CHARACTERISTICS

• OVERALL LENGTH: 108.75 m

BEAM: 14.5 mDEPTH: 9 m

• MAX SPEED: 32 kts

• CRUSING SPEED: 16 kts

• INSTALLED POWER: 43.4 MW

• RANGE: 4000 nm

• COMPLEMENT: 76 persons

• ENDURANCE: 30 days

• SERVICE LIFE: 40 years

• FULL LOAD DISPLACEMENT: 3540 tonne

#### **VESSEL FEATURES**

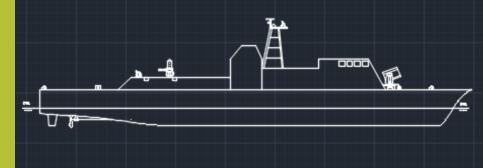
 PLATFORM FOR DEPLOYMENT, RECOVERY, AND MAINTENANCE FOR A FLEET OF 30 MCU-RAS

LAUNCHES ALL MCU-RAS IN LESS THAN 3
 HOURS, RECOVERS IN LESS THAN 12 HOURS

FLIGHT DECK FOR HELICOPTER SUPPORT

### VESSEL MISSION

PROVIDE A NEW METHOD FOR HANDLING MINE COUTERMEASURE OPERATIONS WITH THE USE OF MINE COUNTERMEASURE UNITS-REMOTE/AUTONOMOUS (MCU-RAS). THE USE OF MCU-RAS IN MINECOUTERMEASURES ALLOWS THE COVERAGE OF LARGER MINEFIELD AREAS AS COMPARED TO TRADITIONAL MINSWEEPERS WHILE MINIMIZING THE RISK TO PERSONNEL AND NAVAL ASSETS.





## TEAM OF THE USS MINESOTA

#### **Kyle Murphy**



#### Background

- Hometown: Marshall, Minnesota
- Internships: General Dynamics Electric Boat, Mastercraft Boat Company, Cape May-Lewes Ferry, Austal USA
- Recreational Experience: Canoe building
- Career Plans: Work as a naval architect

Gabriel Allen



#### **Background**

- Hometown: Torrance, California
- Internships: General Dynamics Electric Boat, Bruce Rosenblatt & Associates, Colonna's Shipyard
- Recreational Experience: Fishing, snorkeling
- Career Plans: Work as a naval architect

**Alex Resio** 



#### **Background**

- Hometown: Fredericksburg, Virginia
- Internships: Herbert Engineering, BMT Designers and Planners, Metalshark Alabama
- Recreational Experience: Sailing
- Career Plans: Work as a naval architect

Jacob Dillistin



#### Background

- Hometown: West Palm Beach, Florida
- Internships: Netsco, Metal Shark Croatia, Derecktor Shipyards
- Recreational Experience: Fishing, SCUBA Diving
- Career Plans: Work as a naval architect

