

# USS MINESOTA

MINESWEEPING COUNTERMEASURE MOTHERSHIP



## PRINCIPAL CHARACTERISTICS

- OVERALL LENGTH: 108.75 m
- BEAM: 14.5 m
- DEPTH: 9 m
- MAX SPEED: 32 kts
- CRUISING 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 COUNTERMEASURE OPERATIONS WITH THE USE OF MINE COUNTERMEASURE UNITS-REMOTE/AUTONOMOUS (MCU-RAS). THE USE OF MCU-RAS IN MINECOUNTERMEASURES 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 MINNESOTA

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

