



CEMOR

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## R/V UNCHARTED

### THE PINNACLE OF SURVEY VESSELS.

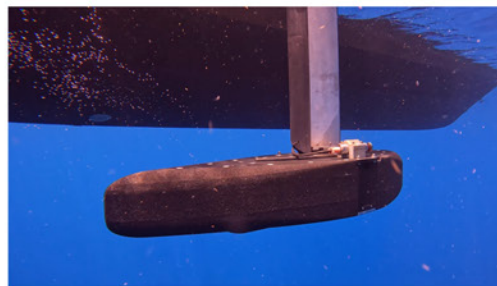
This multipurpose Research Vessel is designed for quick mobilization, easy configuration for a multitude of projects, and to safely carry out nearshore surveys in water as shallow as 2m, as well as 100 mile offshore multi-day surveys with its increased fuel capacity.

R/V Uncharted's excellent maneuverability and gyro stabilization provides a platform that can perform efficiently through various sea states and regions while keeping roll to a minimum, providing the cleanest survey data in the industry.

The onboard navigation systems provide state-of-the-art GPS precision and its high speed satellite internet connection allows for quick data uploads or downloading updated objectives while underway.

R/V Uncharted's apex technology and configuration versatility makes it an ideal vessel for operations seeking data in an extensive range of depths, and is readily mobilized at all times for transport to any location in the US via trailer or loaded on cargo ship for overseas operations

R/V Uncharted is available for charter with captain only or contracted with Cat A Hydrographers who can plan, execute, and deliver any IHO order survey at the highest standard.





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### SPECIFICATIONS

DIMENSIONS: 40'x12 - 24,000 LBS  
 REGISTRY: LIGHTHOUSE POINT, FL, USA  
 CALL SIGN: UNCHARTED  
 MAX CRUISE: 45 KNOTS  
 MAX SURVEY CRUISE: 12 KNOTS  
 PROPULSION: 2 x 350HP YAMAHA  
 GENERATOR: DIESEL PANDA 6kw  
 FUEL CAPACITY: 400 GALLONS  
 TRAILER AND MOBILIZATION: GOOSENECK TRAILER FOR DOMESTIC TRANSPORT, AND SHIP EXPORT

### CONTROL / NAVIGATION

RADAR: GARMIN  
 GPS: DUAL GARMIN / RAYMARINE OVERHEAD  
 AUTOPILOT: FURUNO INTEGRATED WITH HYPACK TO AUTONOMOUSLY DRIVE SURVEY LINES  
 REAR DECK CONTROLS  
 BOW THRUSTER  
 VHF RADIO  
 CLASS B AIS

### ACCOMMODATIONS

TWO BIRTHS  
 ENCLOSED HEAD WITH HOT WATER SHOWER  
 FRESH WATER  
 AIR CONDITIONED CABIN  
 EXTENDED DECK SHADE  
 MICROWAVE  
 REFRIGERATOR  
 STARLINK HIGH-SPEED SATELLITE INTERNET

### SURVEY EQUIPMENT

SONAR: R2 SONIC 2024 MULTIBEAM WITH CUSTOM HIGH SPEED HYDRODYNAMIC POD  
 DAVIT: 1500 LBS WITH ELECTRIC WINCH AND TOW BLOCK / CABLE COUNTER  
 SONAR MOUNT: UNIVERSAL SONAR MOUNT  
 SOFTWARE: HYPACK, CARIS, QINERTIA, QPS  
 IMU: SBG APOGEE NAVSIGHT WITH QINERTIA POST PROCESSING  
 POSITIONING: DUAL TRIMBLE GNSS SYSTEM  
 STABILIZATION: SEAKEEPER 3 GYRO STABILIZER WHICH REMOVES 90% OF ROLL  
 INVERTER: CLEAN DOUBLE SINE WAVE INVERTER

### WORKING CONDITIONS

DECK SPACE: ABILITY TO MOUNT WINCHES AND STORE / DEPLOY MULTIPLE AUV(S) SUCH AS GAVIA  
 SPACIOUS WORK DECK WITH EXTENDED SHADE & AC/DC POWER CONNECTIONS  
 LARGE INTERIOR WITH DUAL WORK STATIONS  
 GYRO VESSEL STABILIZATION  
 FULLY CALIBRATED MULTIBEAM SONAR VESSEL WITH VESSEL OFFSETS  
 CAT A HYDROGRAPHERS ON STAFF

### QUALITY ASSURANCE

CMOR MAPPING PROVIDES RIGOROUS AND CONSISTENT TESTING OF ALL SYSTEMS TO MAINTAIN QUALITY DATASETS WITH COMFORTABLE SURVEY WORKING CONDITIONS.  
 R/V UNCHARTED IS EASILY CONFIGURED AND EQUIPPED FOR A VARIETY OF PROJECTS FROM NEARSHORE TO OVERNIGHT OFFSHORE MISSIONS.  
 THE CMOR MAPPING TEAM ENSURES THAT THIS VESSEL WILL UNDERGO ALL NECESSARY CALIBRATION, CLEANING, AND TESTING PROCEDURES BEFORE, DURING, AND AFTER EACH PROJECT.

### VESSEL HOMEPAGE

