TDI-Brooks has over 25 years of vessel chartering and management experience. The Brooks McCall is a multi-use vessel suited for a wide variety of oceanographic research duties.

The R/V BROOKS McCALL's primary market niches in the Gulf of Mexico and US East Coast is analogue and digital survey and geotechnical coring / CPT acquisition. Its geotechnical capabilities include 40m CPT-Stinger and Stinger-Sampler, 20m Jumbo Piston Cores, 20-m Neptune 5,000 CPT, vibra coring and box/grab sampling.

Our field services are supplemented by high quality environmental, geochemical and geotechnical laboratories with a staff of nearly one-hundred individuals including fourteen Ph.D. level oceanographers, geochemists, biologists and geologists.

This vessel is well suited for the following applications:

- Seabed Geotechnical Surveys
- 2DHR Seismic Multi Channel Geophysical Site Surveys
- Shallow Hazard Site Assessment Surveys
- Environmental Baseline Surveys (EBS)
- Seabed Heat Flow Surveys (HF)
- Pipeline Surveys and Inspection
- Platform Siting Feasibility Studies
- Offshore Cable Route Surveys
- Tow Route Clearances
- Export Loading Facilities
- Offshore Wind Farm Assessments
- Government BOEM/NOAA/USCG Surveys
- Academic Research
- Post Hurricane Assessments

CONTACT US

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The TDI-Brooks fleet is operated within a robust Safety Management System and all vessels are regularly vetted by client marine assurance groups and a part of the OCIMF Offshore Vessel Inspection Database (OVID).

The General specifications are as follows:
- **Name**: R/V Brooks McCall
- **Owner/Operator**: OMA McCall/tdi Brooks International
- **Built**: C&G Boat Works, Mobile AL, 31 March 2000
- **MMSI No.**: 338257000
- **Call Sign**: WCZ7811
- **IMO No**: 8964367
- **Classification**: Inl. Load Line
- **Statutory Certifications by Classification**: Uninspected Oceanographic Research Vessel under 200 GR tons

The Dimensions are:
- **Max Speed**: 11 knots
- **Economical Speed**: 8 knots
- **Length Overall**: 48.46 m
- **LBP**: 45.46
- **Molded Breadth**: 12.19 m, 40.0 ft
- **Molded Depth**: 3.96 m, 13.0 ft
- **Tonnage**: 182 grt/805 gt
- **Max Draft**: 2.98 m
- **Minimum Operational Water Depth**: Draft + 3 ft - (incl, underwater projections and Min UKC)

The Machinery specifications include:
- **Main Engines**: 3 – Detroit V-16-92 @ 700 hp each, on Lo-Rez vibration isolators
- **Max Continuous Power**: 2100 hp
- **Rated Power**: 500 kW , 440 v, 3 phase, 60 Hz
- **Generators**: 2 – Detroit diesel gen sets each producing 250 kW, 480 v/3 ph/60 hz
- **Standby Emergency Generator**: 75 kW on main deck, can also supply clean power to survey equipment
- **Sewage treatment**: Holding tank only (12.2 m3)
- **Bilge Oil Water Separator**: BOSS 2.2T/107, Bilgmon 488, 2.2 gpm
- **Fuel Purifier/Centrifuge**: None

The Life Saving Equipment includes:
- **Type 1 PFD**: 200 % persons on board in rooms and muster area
- **Immersion Suits**: None, option available
- **Life Rafts**: 3 – capacity 66, 2- 25 person, 1-16
- **SOLAS Rescue Boat**: None
- **Auxiliary 26 gpm hydraulic pumps for A-frames and accessories**

The Fuel capacities are:
- **Fuel**: 238.2 Cu M
- **Potable Water**: 76.3 Cu M
- **RO Watermaker**: 1100 gpd
- **FW Ballast**: 248.3 Cu M
- **Lube Oil**: 4.8Cu M
- **Hydraulic Oil**: 4.6 Cu M
- **Slop Tank**: 4.6 Cu M
- **Used Oil**: 4.8 Cu M

The Voice/Data Communications include:
- **Bridge Electronics**: SSB, VHF (2), Radar (2), GPS (2), Satellite Compass, Depth Sounder, AIS, BNWAS, LRIT, NAVTEX, SSAS, Auto Pilot, SART, EPIRB, Handheld VHFs - (1) rescue boat, (2) Security, (2) life rafts
- **Internet/Email**: Custom access allowed ranging from Free to $7250/ mth, or $/MB
- **Sat Comm**: KVH V7hts / Inmarsat Fleet Broadband Systems

The Deck Machinery features:
- **A-frames**: Stern and Starboard side, hydraulically articulated
- **Crane**: Coastal Crane CKB 15-2-250, #5000 SWL
- **Winches**: Several sizes, capacities - optional
- **Moon Pool**: Two – (1) open 40x40 inches, (1) with gate valve
- **Winch, A-frame control**: A/C dog house on 01 deck
- **Hydraulic pumps**: (2) Auxiliary 26 gpm hydraulic pumps for A-frames and accessories

The Accommodations are as follows:
- **Total Berthing (in)**: 32
- **Two person rooms**: 16 with desks and lockers
- **Four person rooms**: 0
- **Hospital**: One, 2 beds w/ adjoining toilet and shower
- **Heads/Shower**: 8 toilets, 6 complete heads
- **Galley/Mess Seating**: 22 at one sitting
- **Lounge**: One, 17*x11’ w/ TV
- **Laundry**: 2, one with W/D each, on main ER deck
- **Shop/Tool Room**: Two, main and ER decks
- **Labs/Enclosed Work Spaces**: 3, one on each deck

The Scientific Services on a Global Basis:

TDI-Brooks is a scientific data acquisition services company specializing in multi-disciplinary oceanographic projects covering; offshore geotechnical field services, environmental baseline surveys, seabed geochemical “seep hunting” and heat flow for oil and gas exploration, offshore geophysical surveys for oil & gas, wind farm, metocean, seabed mining, dredging, LNG, and multi-disciplinary oceanographic and high-end environmental chemistry, renewables and marine research.

TDI-Brooks has over 25 years of vessel chartering and management experience and currently operates four research vessels, R/V Gyre, R/V Proteus, R/V Miss Emma McCall and R/V Brooks McCall.