



# BROOKS McCALL

## WHO WE ARE

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.

## WHAT WE PROVIDE

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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# BROOKS MCCALL VESSEL SPECIFICATIONS

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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).

## General

|                             |   |
|-----------------------------|---|
| Name                        | R/V Brooks McCall   |
| Owner/Operator              | OMA McCall/TDI Brooks International                         |
| Built                       | C&G Boat Works, Mobile AL, 31 March 2000                    |
| Port/Flag                   | USA/Cameron LA  |
| MMSI No.                    | 338257000   |
| Call Sign                   | WCZ7811   |
| IMO No                      | 8964367   |
| Classification              | Intl. Load Line   |
| Statutory Certifications by | ABS   |
| Classification              | Uninspected Oceanographic Research Vessel under 200 GR tons |

## Dimensions

|                                 |   |
|---------------------------------|---|
| 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) |

## Machinery

|                             |   |
|-----------------------------|---|
| 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  |

## Life Saving Equipment

|                   |   |
|-------------------|---|
| 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  |

## Capacities

|                 |   |
|-----------------|---|
| 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  |
| Hydraulic pumps | (2) Auxiliary 26 gpm hydraulic pumps for A-frames and accessories |

## Voice/Data Communications

|                    |   |
|--------------------|---|
| Bridge Electronics | SSB, VHF (2), Radar (2), GPS (2), Satellite Compass, Depth Sounder, AIS, BNWAS, LRIT, NAVTEX, SSAS, Auto Pilot, SART, EPIRB, Handheld VHF's - (1) rescue boat, (3) Security, (2) life rafts |
|--------------------|---|

## STARLINK MARTIME

## Deck Machinery

|                        |   |
|------------------------|---|
| 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 |

## Accommodations

|                           |  |
|---------------------------|--|
| 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/Showers             | 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  |
|                           | 01 deck survey lab – 32'x28', A/C with head.   |
|                           | Main deck survey workshop – 22'x13'x 9' h, double cargo doors 4'6" x 5', temp controlled |
|                           | Below Main deck aux machinery space – 32'x26', access cargo hatch 9'x11'                 |

## 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.