



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		Capacities	
Name	R/V Brooks McCall	Fuel	238.2 Cu M
Owner/Operator	OMA McCall/TDI Brooks International	Potable Water	76.3 Cu M
Built	C&G Boat Works, Mobile AL, 31 March 2000	RO Watermaker	1100 gpd
Port/Flag	USA/Cameron LA	FW Ballast	248.3 Cu M
MMSI No.	338257000	Lube Oil	4.8Cu M
Call Sign	WCZ7811	Hydraulic Oil	4.6 Cu M
IMO No	8964367	Slop Tank	4.6 Cu M
Classification	Intl. Load Line	Used Oil	4.8 Cu M
Statutory Certifications by	ABS	Hydraulic pumps	(2) Auxiliary 26 gpm hydraulic pumps for A-frames and accessories
Classification	Uninspected Oceanographic Research Vessel under 200 GR tons		
Dimensions		Voice/Data Communications	
Max Speed	11 knots	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
Economical Speed	8 knots	Internet/Email	Custom access allowed ranging from Free to \$7250/mth, or \$/MB
Length Overall	48.46 m	Sat Comm	KVH V7hts / Inmarsat Fleet Broadband Systems
LBP	45.46		
Molded Breadth	12.19 m, 40.0 ft	Deck Machinery	
Molded Depth	3.96 m, 13.0 ft	A-frames	Stern and Starboard side, hydraulically articulated
Tonnage	182 grt/805 gt	Crane	Coastal Crane CKB 15-2-250, #5000 SWL
Max Draft	2.98 m	Winches	Several sizes, capacities - optional
Minimum Operational Water Depth	Draft + 3 ft - (incl, underwater projections and Min UKC)	Moon Pool	Two - (1) open 40x40 inches, (1) with gate valve
		Winch, A-frame control	A/C dog house on 01 deck
Machinery		Hydraulic pumps	(2) Auxiliary 26 gpm hydraulic pumps for A-frames and accessories
Main Engines	3 - Detroit V-16-92 @ 700 hp each, on Lo-Rez vibration isolators		
Max Continuous Power	2100 hp	Accommodations	
Rated Power	500 kW , 440 v, 3 phase, 60 Hz	Total Berthing (in)	32
Generators	2 - Detroit diesel gen sets each producing 250 kW, 480 v/3 ph/60 hz	Two person rooms	16 with desks and lockers
Standby Emergency Generator	75 kW on main deck, can also supply clean power to survey equipment	Four person rooms	0
Sewage treatment	Holding tank only (12.2 m3)	Hospital	One, 2 beds w/ adjoining toilet and shower
Bilge Oil Water Separator	BOSS 2.2T/107, Bilgmon 488, 2.2 gpm	Heads/Showers	8 toilets, 6 complete heads
Fuel Purifier/Centrifuge	None	Galley/Mess Seating	22 at one sitting
		Lounge	One, 17'x11' w/ TV
Life Saving Equipment		Laundry	2, one with W/D each, on main ER deck
Type 1 PFD	200 % persons on board in rooms and muster area	Shop/Tool Room	Two, main and ER decks
Immersion Suits	None, option available	Labs/Enclosed Work Spaces	3, one on each deck
Life Rafts	3 - capacity 66, 2- 25 person, 1-16		01 deck survey lab - 32'x28', A/C with head.
SOLAS Rescue Boat	none		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.