



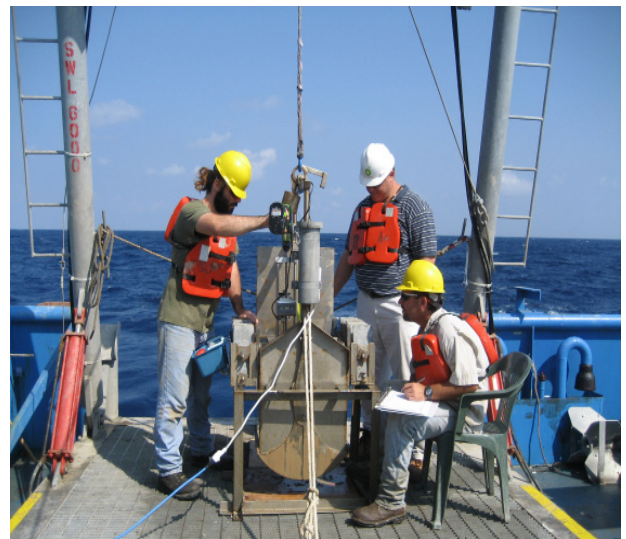
## R/V BROOKS MCCALL

The Brooks McCall is a multi-use vessel suited for a wide variety of oceanographic research duties. The Brooks McCall's primary market niche in the Gulf/US East Coast is geotechnical coring including 20-m JPC and 40-m CPT-Stinger acquisition including the ability to take Shelby tube samples to 40-m with our CPT-Sampler. The Brooks McCall is also available for pipeline hazard, cable route surveys, debris mapping, P-Cable, MBES, metocean, sand search, and environmental studies.

The Brooks McCall is equipped with satellite communications (voice, fax, and email), differential GPS, geophysical survey gear and large a-frames with high-speed winches for coring or geotechnical work. Our field services are supplemented by high quality environmental and geotechnical laboratories with a staff of nearly one-hundred individuals including fourteen Ph.D. level oceanographers, geochemists, biologists and geologists.

The vessel is particularly well suited for the following:

- Seabed Geotechnical Surveys
- Seabed Heatflow Surveys (HF)
- Environmental Baseline Surveys (EBS)
- 2DHR Seismic Multi Channel & Site Surveys
- Hazard surveys
- Platform siting feasibility studies
- Tow route clearances
- Platform and pipeline damage assessments and inspection
- Pipeline / cable surveys
- Offshore Wind Farm assessments
- Bureau of Ocean Energy Management (BOEM) surveys
- Academic Research



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# R/V BROOKS MCCALL VESSEL SPECIFICATIONS

## 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, 440 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
Internet/Email	Custom access allowed ranging from Free to \$7250/ mth, or \$/MB
Sat Comm	KVH V7hts / Inmarsat Fleet Broadband Systems

## 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'



## TDI-Brooks International, Inc.

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Rev\_031721

TDI-Brooks is a privately held Texas firm incorporated in 1996 and headquartered in College Station, with a remote domestic office located in Houston, TX and strategically placed offices around the globe. The company has international affiliates in Port Harcourt, Nigeria (TDI-Brooks Nigeria Ltd.) and Rio de Janeiro, Brazil (GSI-Brooks) with branch offices in Colombia (TDI-Brooks Sucursal Colombia) and Mexico.