

DP-2 Platform Supply Vessel

M/V Cajun IV



Main Characteristics

Overall Length	210.0	FT
Overall Beam	32.0	FT
Moulded Depth	14.0	FT
Draft Fully Loaded (baseline)	7.5	FT
Light Displacement	280	long tons
Estimated Speed Lightship	30	knots
Estimated Speed Fully Loaded	25	knots
Regulatory Tonnage	<100	
Gross International Tonnage	<500	GT

Approvals

ABS HSVR Classification	*A1 *AMS *DPS-2
International Load Line	
USCG Approved for 70 Passengers and 12 Crew	

Capacities

Vessel Fuel Oil	73,000 USG
Vessel Water	43,000 USG
Lube Oil	400 USG
Waste Oil	400 USG

Propulsion - Machinery

Main Engines	4x Caterpillar 3512C Tier 111 rated @ 2250hp @ 1800 rpm
Gear Boxes	4x Twin Disc MGX61000 with 2.54:1 ratio
Shafts	4x 6" Aquatech 17
Propellers	4x 4-blade ZF (2) right & (2) left hand
Bow Thrusters	2x Thrustmaster 30TT200ML (elect.)

Performance

Maximum Speed @ Light Ship	30LT / 30.05MT	34 Knots
Cruising Speed @ Light Ship	30LT / 30.5 MT	31 Knots
Maximum Speed @ Half Load	145 LT/147.36 MT	25 Knots
Cruising Speed @ Half Load	290 LT/294.72 MT	22 Knots
Maximum Speed @ Full Load	290 LT/294.72 MT	19 Knots
Cruising Speed @ Full Load	290 LT/294.72 MT	17 Knots
Maximum Fuel Consumption	300 USG/Hr.	27.25 m3/Day
Cruising Fuel Consumption	260 USG/Hr.	23.62 m3/Day

Cargo Discharge Pumps

Fuel Oil XFR Pump	1x 400pmp@ 180 ft head
Rig Water XFR Pump	1x 400pmp@ 180 ft head

Deck Equipment

Anchor Windlass	Hydraulic capstan with 190lb. anchor
Inflatables	4x 25 man inflatables
Fire-fighting (ext.)	2x pumps and monitors @5300gpm ea
Fire-fighting (int.)	Fixed CO2 system in machinery areas
Fire-stations	3x spray nozzles and 50 ft. hoses ea

Cargo Deck

Aft. deck area:	140 ft x 25.75 ft. (3600ft2)
Max loading	300 long tons
Deck protection	Wood sheathing

Electrical and Electronics

Generators	2x John Deere Generators rated @ 310kW
Radar	2x Furuno FR-8122
VHF Radio #1	1x Icom M604
VHF Radio #2	1x Icom M504
Depth Sounder	1x Furuno DFF1
SSB	1x Icom M802
GPS/Chart Plot	2x Furuno TZ114
Loudhailer	1x Furuno LH3000
Alarm System	1x 75 Point (Beier Radio)
DP-2 System	1x Frank Beier
CCTV Monitoring	1x (6) Cameras
Navtex Receiver	1x Furuno NX700P
AIS System	1x Furuno FA150 AIS
Bridge Watch Alarm	1x Uni-Safe Bridge Watch System
Searchlights	2x 12" Perko & 1x 10" Perko
Nightvision	Flir Voyager
Satellite	KVHM7

Accommodations

Main Cabin fitted with 70 passenger seats, head, luggage storage and televisions.

Lower compartment accommodations:

- 4 x 1-man cabins
- 2 x 4-man cabins
- 2 heads
- 1 galley
- 1 mess room

Construction

Hull and Superstructure materials consist of 5086 and 6061 marine-grade aluminum alloys.



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