



M/V Pacific Falcon

- ▶ **Brake Horsepower** 5094-7721 BHP
- ▶ **Draught** 5.26-5.6m
- ▶ **Gun Arrays** 4-6
- ▶ **Streamer Winches** 4-6

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General Information

Built:	JingJiang Nanyang Shipyard, China November 2007 & converted at Drydocks World, Singapore 2008
Flag:	Singapore
Call Sign:	S6BK6
IMO No.:	9437373
Classification:	ABS +A1, Offshore Support Vessel, Circle E, +AMS, +DPS-2

Dimensions

Length, overall:	69.9 metres
Length, BP:	61.20 metres
Breadth, moulded:	16.60 metres
Depth, main deck:	6.80 metres
Maximum draft midship:	5.60 metres
GT:	4461
NT:	1338

Machinery

Main Engines:	2 x 1900 kW = 3800 kW (5094 BHP) Nigata 6L28HX
Propulsion:	2 x Nigata Z-Peller Azimuthing CPP System ZP-41A
Bow Thrusters:	1 x transverse tunnel thruster, giving a thrust of approximately 6 tonnes, driven by 440 kW (590 BHP) electrical motor 1 x retractable thruster, giving a thrust of approximately 8 tonnes, driven by 470 kW (630 BHP) motor at 1500 rpm
Stern Thrusters:	Variable rotational Z-Peller drives
Auxiliary Generators:	4 x 470 kw, 440 V, 3-phase, 60Hz Volvo Penta
Emergency Generators:	1 x 99 kw, 440 V, 3-phase, 60Hz Volvo Penta

Seismic Equipment / Systems

1. 2 x Streamer winches each 8km Ø52mm Streamer & 500m lead-in capacity
2. 2 x Streamer winches, each 8km Ø52mm Streamer & 500m lead-in capacity, also featured for OBC cable (underspooling)
3. 2 x lead-in winches, each 500m capacity
4. 3 x double gun winches, each 2 x 500m, Ø65mm gun cable capacity
5. 3 x Ariel JGJ-6 compressors with 3512DITA Caterpillar Engines, compressor capacity 1300CFM 2000psi
6. 6 x Hydraulic streamer spooling devices
7. 2 x Wide Tow winch capacity 6000m, 36mm SK62 wire rope, 20ton pull, 30ton SWL brake
8. 2 x 20.Ton Wide Tow Swivel block
9. 1 x Fast Rescue boat MP-660Springer w/davit with capacity 3ton SWL
10. 1 x Work boat davit PLR-10002 10ton SWL
11. 6 x towing point, fixed location with hydraulic arm up/down ability

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12. Instrument room 100m² (bare except for instrument racks, floating floor, furniture & fittings)
13. Gun shack
14. Bird storage area

Electronics

Main Radar:	Furuno FR-2115, ARPA 21ins display
Auxiliary Radar:	Furuno FR-1510, 15 ins display
Auto Pilot:	Simrad Robertson AP-50
Gyro Compass:	2 x Simrad Robertson RGC-80
Magnetic Compass:	Saura
Echo Sounder:	Furuno FE-700
DGPS :	(1) Furuno GP-150 (2) Trimble DSM-232
Anemometer :	2 x RM Young 06206
Speed Log:	Furuno DS-80
Communications:	Furuno GMDSS inclusive of; MF/HF SSB 2 x VHF 2 x Inmarsat C Navtex Receiver 3 x handheld VHF 2 x SART 1 x EPIRB
Watch System:	Furuno MF/HF DSC
Weather Fax:	Furuno FAX-408
Satellite Communication:	FBB: Sailor 500
AIS:	McMurdo FA-150

Performance

Speed / Fuel Consumption:	11 knots maximum speed, fuel consumption is 19.0 tonnes per day
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Anti-Pollution

Dispersant Tank:	10.94 m ³
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Accommodation

Berths:	13 x 1 man cabin 10 x 2 man cabin 1 x 3 man cabin 5 x 4 man cabin Total: 56 berths
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Environmental Features

1. 1 x 15 ppm oil water separator
2. 1 x sewage plant, extended aeration type
3. 1 x maserator
4. All refrigeration machinery is CFC free

Miscellaneous

1. Heli-deck: D-Value 19.5 m
2. Fire detection system fitted to the accommodation, engine room & machinery spaces
3. CO2 fire extinguishing system fitted to cover engine room. In addition to the CO2 system there is also a high pressure water mist system fitted providing cover for both main engines and all generators.
4. Provision for commissioning FiFi system available
5. Design complies to latest rules and regulations from SOLAS 74 with amendments in force and IMO469 (XII) "Guidelines for the design & construction of offshore supply vessels".