



OSV / MPV

ILS Knight Design Series concept **BLACK SEA** is a versatile multipurpose offshore support vessel easily customized to meet case-by-case requirements.

Operational profile, example:

- SPM, submarine and floating hoses, PLEM and submarine lines inspection and maintenance
- Diving support water depth up to 60 meters
- Year-round ocean towing
- Escort towing
- Anchor handling
- Fire fighting support on SPM and tanker at SPM
- Initial oil spill recovery operation including boom and skimmer placement and recovery
- Patrolling
- Carriage of contractor personnel
- Deck cargo transport





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Class Notation, example

BV 1 XHULL, XMACH, tug, unrestricted navigation, AUT-UMS, fire fighting 1, DP2, SPS, OilRec

MAIN CHARACTERISTICS

Length oa	54,6 m
Breadth moulded	13,8 m
Depth moulded to main deck	6,0 m
Draught below keel max.	4,5 m
Main machinery	Diesel-electric, gensets 2 x 2420 ekW, 1 x 1820 kW
Azimuth stern drive	2 x ducted FPP azimuthing thrusters
Propulsion power	2 x 2 400 kW
Bollard pull	75 tons
Bow thrusters	2 x 500 kW
Cargo deck	250 m ²
Accommodation	12 crew + 24 Special personnel
Firefighting capacity	Pump capacity 2 x 1200 m ³ /h, two monitors
Oil recovery tank	130 m ³
Stern roller	Diameter 1.8 m, SWL 200 t
Towing pins, shark jaw	Karmoy
Deck winches	Aft deck towing / anchor handling winch Front deck anchor windlass / escort towing winch 2 x tugger winches on the aft deck
Deck crane	SWL 25 ton at 8 m radius, SWL 5 ton at 25 m radius
4-point mooring	

