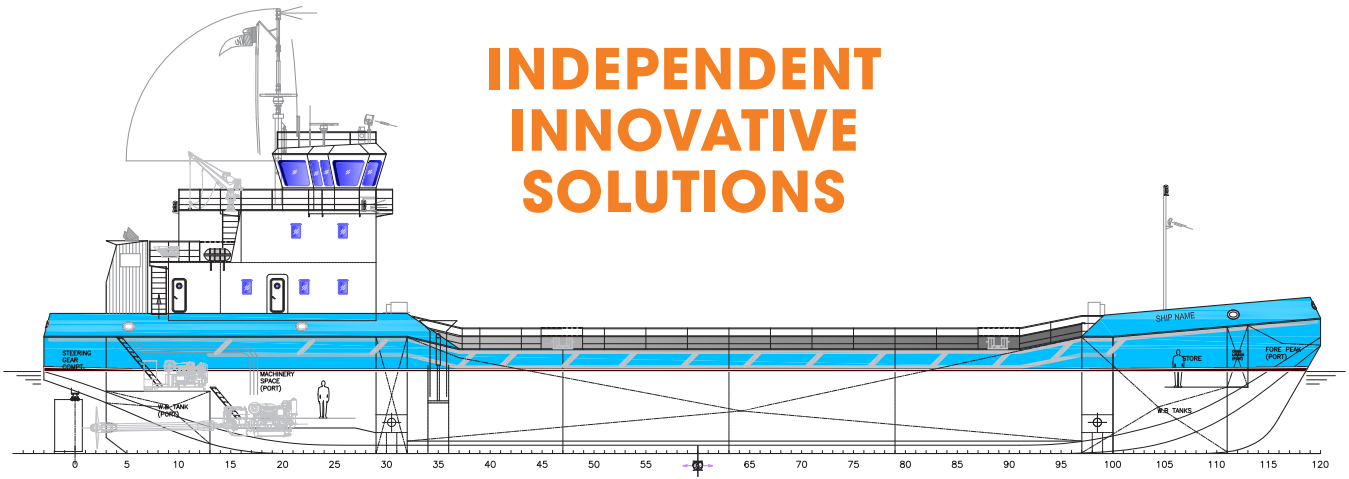


INDEPENDENT INNOVATIVE SOLUTIONS



OSD-IMT8201 1000 CM SELF-PROPELLED SPLIT HOPPER

PRINCIPAL CHARACTERISTICS

LOA	62.0	m
LBP	60.0	m
Beam mld.	13.8	m
Depth mld.	5.00	m
Design Draught (Cargo S.G. 1.6)	4.00	m

CAPACITIES

Hopper Capacity	1000	m ³
Hopper (cargo S.G. 1.25)	1250	tonnes
Hopper (cargo S.G. 1.60)	1600	tonnes
Oil Fuel	76	m ³
FW	15	m ³
Hydro Oil	5	m ³
Lub Oil	3	m ³
Gray Water	5	m ³
Sewage Holding	5	m ³
Dirty Oil	3	m ³

ACCOMMODATION

Compliment	14
Two-man cabins	4
Chief Engineer Cabin & Dayroom	
Captain Cabin & Dayroom	
Accommodation comprises: galley, mess/recreation room, dry provisions and refrigerated provisions stores, toilets & washroom	
Service spaces to include, deck stores, laundry and drying room	

LIFE SAVING

Life Rafts	2x	25-man inflatable life rafts with hydrostatic release
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MOB & SOLAS approved
single arm slewing davit 1x

MAIN EQUIPMENT

Main Engines	2x	European CATERPILLAR Type 3508 C 578 bkW @ 1200 rpm
Gearbox	2x	ZF/Reintjes/Twin Disc Rated at 578 bkW @ 1200 rpm
Props	2x	Fixed Pitch Props 2000 m dia
Speed		10.0 knots (at fully loaded draft)
Diesel Generator Sets	2x	European CATERPILLAR Type C 18 563 KWe @ 1500 RPM
Emergency Generator	1x	European CATERPILLAR Type - C4.4 60 kWe @ 50 Hz
Rudder		High lift rudders
Steering Gear		Rotary vane type steering

DECK MACHINERY

Anchor	2x	HHP @ 1700 kg each
Windlass/Mooring Unit	2x	Electrohydraulic units
Deck Crane	2x	Stores Cranes 500 kg @ 5 m

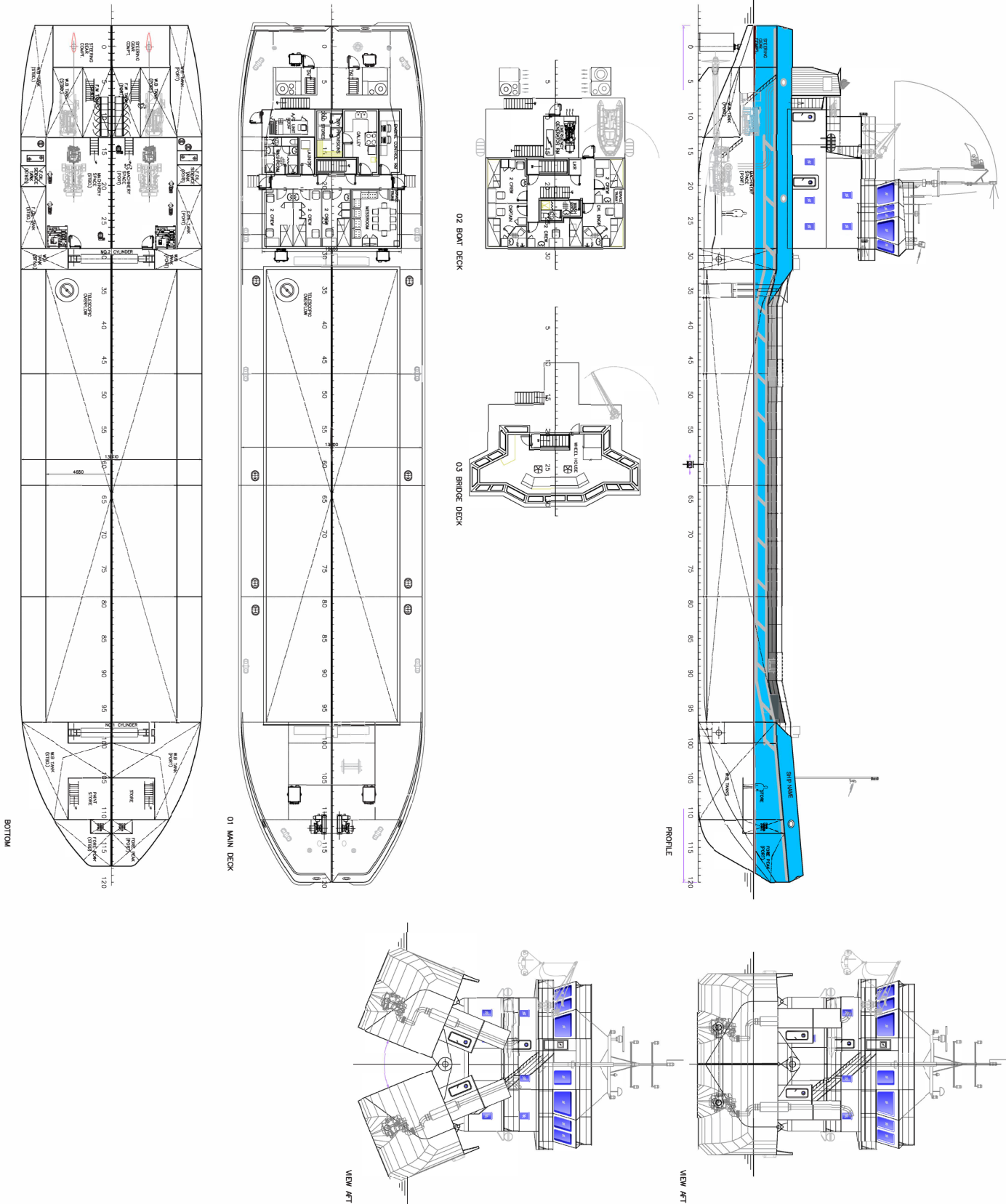
CARGO EQUIPMENT

Hopper Overflow	1x	Vertically adjustable cylindrical overflow duct.
Split cylinders		Working Stroke of 3.0 m
Hydraulic System		Hydraulic lock for closed position Operation at 250 BAR and ensures hull open to closed in 1.5 minutes. Power pack & standby power pack at 50 kWe each. Adjustable pressure relief system to avoid damage to hopper if closing on large foreign object.

CLASS

BV: I \boxtimes HULL, \boxtimes MACH SPLIT HOPPER, EXTENDED PROTECTED WATER SERVICE FROM NOMINATED PORT

OSD-IMT8201 1000 CM SELF-PROPELLED SPLIT HOPPER



HEAD OFFICE IJMUJIDEN

+31 255 545 070

info@osd-imt.com

UK OFFICES

+44 1382 317 120

info@osd-imt.com

SINGAPORE OFFICE

+65 6265 1154

info@osd-imt.com

OSD IMT

SHIP DESIGN & MARINE CONSULTANCY

OSD-IMT.com