



## OFCO SYNERGY

### 40m Multipurpose/Safety Standby Vessel

#### GENERAL DATA

Length	40.62m
Breadth	10.00 m
Depth / Draft	3.70 m / 3.10 m
GRT / NRT	481 / 144 tons
Registry	Kingstown
Built	May 2011
Official Number	12687
Call Sign	J8B6214
IMO Number	9616474
Classification	BV Tug / Class I +Hull+Mach, Special Services/Standby Rescue, 100 Survivors
Bollard Pull	30 tons (approx.)

#### MAIN ENGINE / GENERATOR

Main Engine	2 x Cummins KTA 38 M2 1200 bhp @ 1800rpm fitted with oil purifier
Main Generator	3 x Caterpillar 3406C 215 kW / 415 V / 268 kVA / 50 Hz
Gear Box	Reintjes ratio 6:1
Bow Thruster	HRP 3001 TT (200kW / 3 tons)
Propulsion	2 x solid blades fixed pitched in Kort Nozzles
Max Speed	12 knots

#### DECK EQUIPMENT

Towing Winch	1 x single drum hydraulic winch 40 tons @ 1 <sup>st</sup> layer Brake 100 tons
Anchor Windlass	1 x double gypsies with warping end 4 tons @ 10 m/min
Anchor	2 x Stockless Anchor; 830 kg
Wire Rope	36 mm x 600 m
Capstan	1 x 5 tons @ 15 m / min
Tugger	1 x 5 tons @ 1 <sup>st</sup> layer with 22 mm x 150 m wire
Crane	Sormec 5 tons deck knuckle boom crane M17 / KN / 2S 1.65 tons @ 8.6 m (winch) 2.0 tons @ 6.8 m (hook) 2.9 tons @ 5 m (hook)

#### OTHER INFORMATION

Deck Space	15.25 m x 6.8 m = 104 m <sup>2</sup> (approx.)
Deck Strength	5 tons / m <sup>2</sup>

#### NAVIGATION / COMMUNICATION EQUIPMENT

Radar:	JRC JMA 2254 – 48 nm
Echo Sounder	2 x JRC FF-60
GPS	JRC JNav500
Auto Pilot	ComNav 2001
Compass	Magnetic – 2 x Saura (standard/steer)
Inmarsat C	JRC JUE – 75C
SSB	JRC JSB 196 GM
VHF	2 x JRC JHS – 32A 3 x ACR SR – 103 (portable)
Navtex	JRC NCR – 333
EPIRB	ACR RLB – 32
SART	2 x ACR 9 GHz
PA System	Fitted

#### TANK CAPACITY

Fuel Oil	244.748 m <sup>3</sup>
Fresh Water	110 m <sup>3</sup>
Ballast	110 m <sup>3</sup>
Lube Oil	2 m <sup>3</sup>
Oil Dispersant	2 m <sup>3</sup>
Foam	1.7 m <sup>3</sup>

#### ACCOMMODATION

Single Cabin	2 units
Twin Cabin	1 unit
4 Men Cabin	4 units
Total	20 men

#### SAFETY EQUIPMENT

Fire Fighting	1 x 1200 m <sup>3</sup> FFS pump with 2 x 600 m <sup>3</sup> / hr monitors
Engine Room	CO <sub>2</sub> flooding system
Fire Detection	Fitted
Oil Spray Dispersant	Fitted
Rescue Boat	2 x 20 men FRB with Davit fitted & 25hp outboard
Seating	17 seated
Survivor Recovery	100 pax

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