



# Technical Specifications



## MV Innogy Sprite



### General

Yard no. : 824  
 Flag : Isle of Man  
 Delivery date : Jul 2003  
 Basic functions : Transport of bulk, steel coils, containers, forest products, general cargo, etc.  
 Classification : Lloyds Register 100 A1, +LMC, UMS, SCM.  
 Ice class : Finnish-Swedish 1A  
 Sprinkler on hold 1.  
 Container Cargoes in Holds and on Hatchcovers.  
 Equipped for dangerous goods according to SOLAS reg. 54 II-2, excl.: Class I and VII  
 Strengthened for Heavy Cargoes.

### Dimensions

Length o.a. : 159.99m.  
 Length I.L. : 153.39 m.  
 Beam mld. : 23.70 m.  
 Depth : 11.95 m.  
 Summer draft : 8.41 m.  
 Deadweight : 19465 MT  
 Gross tonnage : 14357 MT  
 Nett tonnage : 7005 MT

### Capacities

Hold 1 : 8811 m<sup>3</sup> (= 311,157 cu.ft.)  
 Hold 2 : 18025 m<sup>3</sup> (= 636,547 cu.ft.)  
 Heavy fuel oil : 1042 m<sup>3</sup>.  
 Gasoil : 195 m<sup>3</sup>.  
 Ballast water : 7279 m<sup>3</sup>.

### Speed and Consumption Performance

Service speed 14.9 kt on 30mt HFO (IFO 380),  
 no G.O at sea, 1.5 mt in port idle / 2.5 mt working.  
 Basis 7074 kW output (=90% MCR).

### Propulsion system

Main engine : MAN B&W Diesel a/s Alpha Diesel  
 Propeller : Lips, 4 blades, CPP  
 Bow thruster : Lips, 750 kW, 4 blades, CPP  
 Rudder : Balance type.  
 Steering gear : Rotary vane

### Hold / Hatches

Hold 1: dim. 37.68 m x 20.20 m,  
 Hold 2: dim. 72.835 m x 20.20 m,  
 Weatherdeck hatches: hydraulic folding, max. load 1.75 t/m<sup>2</sup>.  
 Tweendeck hatches: 4 pontoons, uniform load 5.00 t/m<sup>2</sup>.  
 Tanktop load: 15 ton/m<sup>2</sup> uniform load and max. 20 ton/m<sup>2</sup> according loading pattern.  
 1 Grainbulkhead (existing of 2 pieces) in hold 1, with 4 storepositions.  
 1 Grainbulkhead (existing of 2 pieces) in hold 2, with 14 storepositions.  
 vent: 15 airchanges/hour / Hold 1.  
 vent: 12 airchanges/hour / Hold 2.

Container fittings on tanktop and hatchcovers.  
 Lashing eyes in holds and on coaming supports.  
 Containers in hold : 530 TEU stackload 100 ton/TEU, 130 ton/FEU  
 Containers on deck : 702 TEU stackload 50 ton/TEU, 65 ton/FEU  
 Total number : 1232 TEU

### Deck lay-out and equipment

3 Liebherr cargo cranes 60 ton/18 m, 40 ton/32 m

### Auxiliary equipment

1 Shaft-generator, 1875 kVA, - 50 Hz.  
 1 Ajax CO<sub>2</sub> fire fighting system for engine room and cargo hold.

### Other Information

IMO number : 9243825  
 P+I Club : The Standard Club  
 TPC : 35.34  
 Panama NT : 12,712  
 Suez GT / NT : 14,419.24 / 12,781.81  
 Air Draft : 41.6m (ballast)  
 WLTHC in ballast : 12.8 (even keel max ballast)  
 Call Sign : MBEF5  
 ISPS : Compliant.