

European Trading BOXSHAPED River/Sea going with low draft

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| Vessel's name: | m/v "Osa", (ex "Marman") |
| Home Port: | Szczecin |
| Flag: | Polish |
| Owners: | Baltramp Shipping Sp. z o.o. |
| Built: | 1985r., Detlef Hegemann GmbH & Co. Berne, Germany |
| Type: | General cargo, low draft, low air draft, gearless, sea river, boxed hold, double skinned, fixed wheelhouse, collapsable masts |
| Class: | PRS KM General Cargo Ship I AUT |
| IMO No.: | 8420086 |
| Call Sign: | SNBD |
| GT /NT: | 1782 / 954 |
| LOA / Beam: | 83,38 / 11,34m |
| DWAT / draft: | 2507 mt (class certificate), draft summer 4,35m, draft winter 4,26 m, fw allowance 9,5 cm |
| DWCC Summer: | Abt. 2375t with 15 t bunkers and 10t fresh w. and 1,0 t lube oil and 8 t grain bulkhead, on 4,35m, abt. 2350t with 35 t bunkers and 15t fresh w. and 1,0 t lube oil and 8 t grain bulkhead, on 4,35m |
| Winter: | Abt. 2294t with 15 t bunkers and 10t fresh w. and 1,0 t lube oil and 8 t grain bulkhead, on 4,26m |
| Grain fitted: | Yes, one movable with ship's equipment (covers) grain bulkhead; positioning the bulkhead on frame 96 (second position from fore), the vessel may take 2250t of wheat (sf 44) |
| Hold capacity: | 116.647 cbft, = 3.303,05 cbm (additionally extra space on hold fore may be used which is 1249 cbft = 35,38 cbm large, at present used for stowage of lashing materials) total 117.896 cbft, grain / bale, see attachment "Osa bulkhead pos plan". xls file |
| Hatch size: | 55.20m x 9,30m - clear opening 43,60m (45m) x 9,30m |
| Hold: | 55,20m x 9,3m x 6,5m / 6,57m; narr. fore - fully box over 51 mtr |

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| Flooring: | Steel floored |
| Strength for heavy cargoes: | Yes - up to 12 ts/sqm on tanktop, reduced to 10,0t/sqm as from 23.07.2010., by Class |
| Suitable for grab discharge: | Yes |
| Hatch cover type and strength: | MacGregor, multi stacking rolling covers, hydraulically lifted, electrically shifted fore and aft, hydraulically stacked fore and aft, covers no 1,2 - 1,1t/m ² , covers no 3-8 - 1,33t/m ² as per info from McGregor manual; cover no.1 is most fwd., covers 9,40m wide |
| Main Engine: | Deutz, SBV 6M 628, 441kW at 660 revs, with increased revs: 845kW at 825 revs, normal trade at 740 revs |
| Aux. Engine: | 2 x Deutz type F10L 413 F, 135kW, at 1500 revs, air cooled 1 x Deutz type F5L 912 R, 38,5kW, at 1500 revs, air cooled |
| Speed / consump.: | Ballast abt. 9.5 kn, at 3.900 ltr Gas Oil, (at wind up to 3B, waves 0,60m (1) as described in Nautical Almanac)), laden abt 8.5 kn, at 4.000 ltr Gas Oil, (at wind up to 3B, waves 0,60m, (1) as described in Nautical Almanac)) |
| Port consumption: | Abt 0.25 mt G.O. idle/ww |
| Airdraft in ballast: | From keel: 22,60m with masts up, 13,50m with masts down, but exhaust pipe that is 1,40m high has to be removed Full ballast draft: 2,70 fore, 3,30 aft |
| Container fitted: | No; no container shoes in hold, yes on hatch covers |
| Container intake: | Hold 48, deck 24, total TEU 72 |
| Bowthruster: | Jastram, 136 kW / 112 kW, electric driven |
| Rudder: | Aft rudder Flap type |
| Fitted for river traffic: | Yes - aft anchor, Rheinfitted with certificate to be renewed |
| Radio Equipm.: | GMDSS A3, including Inmarsat C: 426100244, 426100245, |
| Mobile phone no.: | +48 668 116 118 |
| Fax no.: | +48 668 651 964 |
| Insurance: | H+M: PZU, H+M value EUR 700.000,- |

P + I : PZU with British Marine terms and reinsurance, Limit USD
500.000.000,-

Gasoil capacity: Max 91,8 mt

Lube oil capacity: Max 3,92 cbm,

Ballast capacity: 1150 cbm Vsl suitable to load steelcoil upto 30 mton, yes

Next special survey: 20 Jul 2015

Next drydock: 20 Jul 2015