

T H E H C L A S S

HADRA • HALIA • HAMINEA • HASTULA • HATASIA • HAUSTRUM



The "H" Class - 45,000 dwt, Clean/Dirty Product Carriers

These double hull vessels are fitted with protected location segregated ballast tanks (SBT) and are capable of carrying crude oils, refined petroleum products and some edible oils whether heated or otherwise.

They are fitted with a fully programmable crude oil wash (COW) system and inert gas is supplied through a dual inert gas main from a purpose built gas/oil generator allowing for vapour

segregation of two grades of cargo. The inert gas system also features a vapour recovery system to meet all the latest legislation.

The cargo tanks are coated with high performance epoxy paint. There are 8 cargo tanks in all with two slop tanks enabling the vessel to carry up to 8 grades with minimum pipeline admixture and 4 grades double valve segregated. Cargo heating is carried out by deck heaters serving the main cargo tanks and by bottom coils in the slop tanks. Cargo discharge is carried out using deepwell pumps which enable the vessel to maximise outturn. The pumps are fitted with the latest noise reduction facilities and four grades can be handled concurrently.

The vessels are very economical with low fuel consumption being a principal feature.



Tank Plan

Cargo tank capabilities

Tanks	Cu. metres 98%	Tanks	Cu. metres 98%
No.1:	4,468.1	No.6:	6,885.7
No.2:	6,155.1	No.7:	6,849.6
No.3:	6,708.9	No.8:	5,926.8
No.4:	6,885.7	Slop tk p	500.0
No.5:	6,885.7	Slop tk s	538.8

Total: 51,804

not to scale

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	DWT	Built	Flag	Hull	Classification
HADRA	46995	1994	LIB	Double	DNV
HALIA	46995	1993	LIB	Double	DNV
HAMINEA	46995	1994	LIB	Double	DNV
HASTULA	46995	1993	LIB	Double	DNV
HATASIA	46995	1993	LIB	Double	DNV
HAUSTRUM	46995	1994	LIB	Double	DNV

Principal Particulars

Summer dwt	46,995 tonnes
Summer draft	12.205 m
Length Overall	183.20 m
Beam (extreme)	32.20 m
Depth (moulded)	18.00 m
Height (overall)	47.40 m

Principal Particulars

Bow to centre Manifold	91.0M
Cranes (No.+ SWL)	1 x 10MT
No/Size of Bow Chain Stoppers	1 x 200MT
Service Speed Laden/Ballast	15.6B/14.2L

Cargo Carriage features

Total Capacity 98%	51,826.3 cu. metres
Number of Grades:	4 (Double Segregation)
Inert Gas System:	Yes, Dual main with Crude Oil Wash capability
Cargo Heating System:	Yes (max 66°C)
Tank Coating System:	Yes, epoxy
Cargo Pumps:	8 x Deepwell cargo pumps 850 m ³ /hr 2 x slop tank pumps 300 m ³ /hr
TPC	51.7