

THE S CLASS



SOLARIS • SPECTRUM • STELLATA • SERICATA • SPONSALIS



The "S" Class Multi Purpose Product/Crude Carriers

These vessels are fitted with protective location segregated ballast tanks (SBT). They are capable of carrying crude oil and refined petroleum products, including heated cargoes. Each vessel is certified to carry oil-like chemicals, as defined in Marpol Annex II.

Cargo is carried in centre tanks, which are all fully coated with an epoxy paint system. There are three slop

tanks, each fully coated with an epoxy paint system, providing considerable flexibility. The tankers are fitted with individual lines and submerged pumps for each tank, allowing carriage of up to 10 grades with minimal pipeline admixture.

There are 4 main deck lines thus allowing the segregation of 4 non-compatible grades. These may be loaded and discharged simultaneously, thus providing high port turn around efficiency.

These ships have the possibility of cargo heating by means of heat exchangers on deck, except in the slop tanks, where heating coils are fitted. The vessels also feature dual tank cleaning lines and dual inert gas mains allowing the composite carriage of crude oil and black/white products.



Tank Plan

Cargo tank capabilities

Tanks	Cu. metres 98%	Tanks	Cu. metres 98%
No.1C:	10,365	No.6C:	13,530
No.2C:	13,515	No.7C:	13,530
No.3C:	13,530	No.8C:	12,555
No.4C:	13,530	Slop tk p	1,567
No.5C:	13,530	Slop tk c	1,268
		Slop tk s	2,834

Total: 109,754

not to scale

T H E S C L A S S

	DWT	Built	Flag	Hull	Classification
SERICATA	100486	1986	BRI(10M)	Single/double sided	Lloyds
SOLARIS	105433	1985	BRI(10M)	Single/double sided	Lloyds
SPECTRUM	105383	1985	BRI(10M)	Single/double sided	Lloyds
SPONSALIS	100371	1986	BRI(10M)	Single/double sided	Lloyds
STELLATA	105392	1986	BRI(10M)	Single/double sided	Lloyds

Principal Particulars* (Solaris, Spectrum, Stellata) (Sericata, Sponsalis)

Scantling dwt	105,433	100,488
Scantling draft	14.62 m	14.02 m
Length Overall	244.50 m	244.50 m
Beam (extreme)	42.67 m (140ft)	42.67 m (140ft)
Depth (moulded)	19.8 m (65ft)	19.8 m (65ft)
Height (overall)	48.00 m (157ft.6ins) keel to highest fixed point	

*These ships carry certificates for a variety of deadweights to suit particular trades and customer requirements

Principal Particulars

Bow to centre Manifold	117.0M
Cranes (No.+ SWL)	2 x 15MT
No/Size of Bow Chain Stoppers	2 x 200MT
Service Speed Laden/Ballast	14.1L/14.8B

Cargo Carriage features (based on Sericata)

Total Capacity 98%	All cargo tanks, 109754 cu metres (690,332 US Barrels)
Number of Grades:	4 with D/V Segregation
Inert Gas System:	Yes, Dual main, with Crude Oil Washing Capability
Cargo Heating System:	Yes to 66°C by deck exchangers
Tank Coating System:	Yes, High performance epoxy
Cargo Pumps:	8 high pressure submerged cargo pumps, each 1,625m ³ /hr, one per centre tank, 3 similar pumps, each 450m ³ /hr, one per slop tank
TPC	91.16