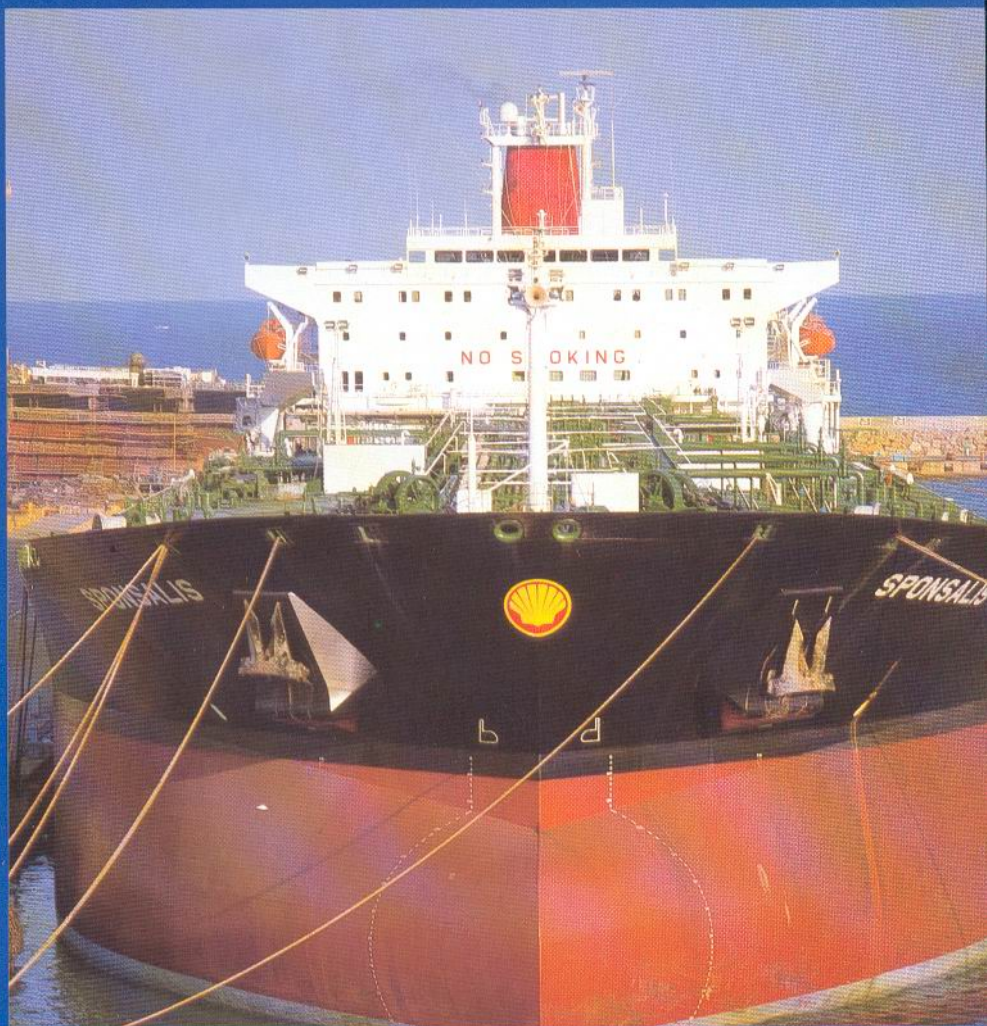


84,000 mt dwt clean/dirty product/crude oil carriers

m.t. **Sericata**

m.t. **Sponsalis**



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 being 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, providing considerable flexibility, these tanks are also fully coated with an epoxy paint system.

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 round efficiency.

Cargo heating is 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.

Principal Particulars

Design dwt:	83,846 Tonnes (at SG 0.75).
Design draft:	12.21 metres (40ft. 1in.).
Length overall:	244.5 metres (802ft. 2in.).
Beam (extreme):	42.67 metres (140ft. 0in.).
Depth (moulded):	19.8 metres (65ft. 0in.).
Height (overall):	48.0 metres (157ft. 6in.) keel to highest fixed point.

Year Built & Classification

Year:	1985
Classification:	Lloyds + 100 A1, oil carrier, +LMC, UMS. IGS COW, SBT, SPM.

Tonnages

Gross Registered Tonnes:	56613
Net Registered Tonnes:	30231
Suez Net Tonnes:	55414
Panama Net Tonnes:	N/A
Lightship:	17,355 Tonnes.

Cargo Carriage Features

Total Capacity 98%:	All cargo tanks. 109,754 cubic metres. (690,332 US Barrels)
Number of Grades:	4
Inert Gas System:	YES, Dual main. with Crude Oil Wash capability.
Cargo Heating:	To 66 centigrade, by deck exchangers.
Tank Coating System:	High performance Epoxy.
Cargo Pumps:	8 High pressure submerged cargo pumps, each 1,625 m ³ /hr, one per centre tank. 3 Similar pumps, each 450 m ³ /hr, one per slop tank.

Cargo Tank Capacities

Tanks	Cu. metres 98%
No.1C	10365
No.2C	13515
No.3C	13530
No.4C	13530
No.5C	13530
No.6C	13530
No.7C	13530
No.8C	12555
slop tk p	1567
slop tk c	1268
slop Tk s	2834
Total	109,754

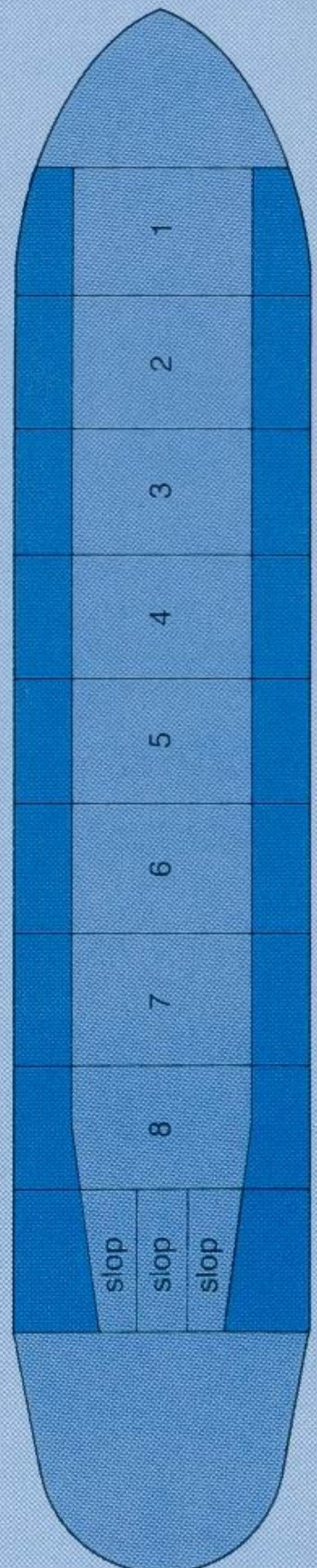
Deadweight Scale (Approximate figures)

Draft (Metres)	DWT(tonnes)	Displacement(tonnes)	TPC
14.02 (Scantling)	100,488	117,844	92.7
14	100,303	117,658	92.7
13	90,745	108,100	91.8
12	81,645	99,000	90.9
11	72,745	90,100	90.1
10	64,683	81,055	89.2
9	55,005	72,350	87.9
8	45,990	63,345	86.7
7	37,600	54,955	85.6
6	28,845	46,200	84.4
5	20,500	37,900	83.2

Freshwater allowance at design dwt = 284mm

Manifold Connections

Number and Size:	4 x 16"
Type of Flange:	Steel ANSI 150
Reducers, Number and Sizes:	4 x 16"-12", 4 x 16"-10", 4 x 16" x 8"
Bow to Centre of Manifolds:	122.2 metres (403ft. 0in).
Height Above Waterline:	on Design draft 9.69 metres. on Ballast draft 14.6 metres.



Ballast Arrangements

Total Capacity of Ballast Tanks:	41,524 cubic metres.
Location & Type:	Wing tanks, SBT.
Ballast Pumps:	2 High pressure submerged pumps located in Nos 7 wings, each 1,500 m ³ /hr.

Mooring Equipment

Number & Location of Winches:	2 windlass, 4 winches forward. 4 winches aft.
Brake Capacity:	65 tonnes.
Moorings:	Wires 4 x 220m x 40mm , 84.8 tonnes. Ropes 14 x 220m x 72mm , 100 tonnes. 6 x 180m x 52mm , 55 tonnes.
Length of Anchor Cable:	13 shackles each side.
Number & Type of Bowstopper:	2 x AKD , 200 tonne S.W.L.

Cranes/Derricks

Hose Handling:	1 X 15 Tonnes S.W.L. Crane.
Stores Handling:	1 X 8 Tonnes S.W.L. Mono rail hoist.

Particulars believed to be correct but not guaranteed.

Date: Sept 1989.



NO SMOKING



SPONSALIS

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