

47,786 mt MR Oil/Chemical Tanker

Grace Fortuna



Ship Basic Information

Builders	STX Ship Building Ltd., Korea
Type	Oil/Chemical Tanker
Flag	Liberia
Port of registry	Monrovia
Classification	✕ 100A1 Double Hull Oil Tanker & Chemical Tanker Ship Type 3, ESP, LI ✕ LMC, UMS, IGS, BWTS*

Vessel Specific Information

	IMO No.	Delivery	Summer DWT (mt)	Lightweight (mt)
Grace Fortuna	9349198	Aug-07	47,786.00	9,894.20

Dimension and Main Data

Length o. a.	183.00 m
Length b.p.	173.90 m
Breadth moulded	32.20 m
Depth moulded	19.10 m
Distance keel - top antenna	45.90 m
GT	30,053
NT	12,159

Tank Capacity

IFO 380 / VLSFO	1,273.9 CBM (100%)
LSMGO	374.3 CBM (100%)
Fresh water	401.8 CBM
Water ballast	24,126.6 CBM

Cargo Capacity

Tank	Volume 100% (PS)	Volume 100% (SS)	Volume 98% (PS)	Volume 98% (SS)
NO 1 C.O.T	3,142.3 CBM	3,139.5 CBM	3,079.4 CBM	3,076.7 CBM
NO 2 C.O.T	4,717.5 CBM	4,727.2 CBM	4,623.2 CBM	4,632.7 CBM
NO 3 C.O.T	4,806.8 CBM	4,800.8 CBM	4,710.6 CBM	4,704.8 CBM
NO 4 C.O.T	4,800.8 CBM	4,805.7 CBM	4,704.8 CBM	4,709.6 CBM
NO 5 C.O.T	4,810.0 CBM	4,800.9 CBM	4,713.8 CBM	4,704.9 CBM
NO 6 C.O.T	4,327.7 CBM	4,340.7 CBM	4,241.2 CBM	4,253.9 CBM
SLOP	713.8 CBM	722.2 CBM	699.5 CBM	707.8 CBM
Total	54,655.7 CBM		53,562.6 CBM	

Cargo Tanks Characteristics

Coating	Epoxy
Segregation	7 grades with double valve segregation Stainless steel heating coils in 1-6 C.O.T. (P&S), Slop (P&S)

Cargo Pumps

Pumps	Cargo Pumps	Slop Pumps	Portable Cargo Pumps
Number	12	2	1
Nominal capacity	600 CBM/HR	300 CBM/HR	150 CBM/HR
Driven by	Hydraulic	Hydraulic	Hydraulic
Max. loading rate per manifold connection	1,784.0 CBM/HR		
Max. loading rate through all manifolds	4,640.0 CBM/HR		

Fuel consumption per day at full speed

At sea (ballast)	14.0 kts about 28.0 mt (Eco Speed 13.0 kts about 22.70 mt)
At sea (laden)	13.5 kts about 27.5 mt (Eco Speed 12.5 kts about 22.40 mt)
In port, loading	about 7.0 mt VLSFO, about 8.0 mt MGO
In port discharging	about 9.50 mt VLSFO, about 22.0 MGO
Tanks washing	about 15.0 mt VLSFO