

# M/T "TRANS EMERALD"

CHEMICAL TANKER

**BERGEN**

Phone: +47 55 92 32 00

Fax: +47 55 91 14 50

E-mail:

chartering@seatrans.no

operations@seatrans.no

[www.seatranschemicals.com](http://www.seatranschemicals.com)



**VESSEL PARTICULARS**

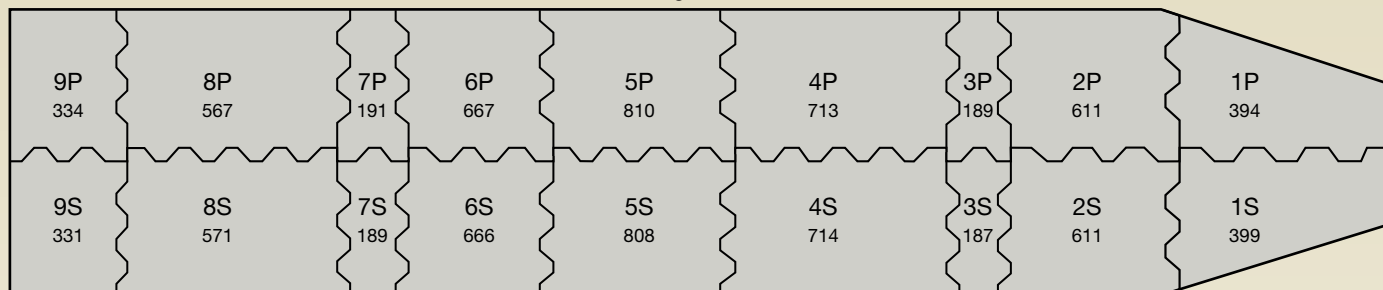
Class	DNV + 1A1 Tanker for Oil and Chemicals ESP E0
Built	2005
Builder	INP Shipyard ULSAN, S. Korea
Flag	Malta
Home port	Valetta
Service speed	14 knots
Consumption	16 mt/day
Stern line	Yes
Deck crane capacity	4 mt (SWL)
Main engine	MAN B&W / 4457 KW
Bow/stern thruster	520 KW / 475 KW

**MAIN DIMENSIONS**

Summer deadweight	8 650	mts
Winter deadweight	8 362	mts
Summer draught (SW)	7,41	m
Winter draught (SW)	7,26	m
Length overall	115	m
Moulded breadth	18,8	m
Cargo capacity (98%)	8 957	m <sup>3</sup>
Gross tonnage	5 851	
Net tonnage	2 541	
SBT	3 520	cbm
Light weight	3 293	mt
Distance KTM	32,38	m
Parallel body length (SDWT)	63,8	m



All volumes are given in m<sup>3</sup> at 98%



Draught in	Deadweight (Metric tons)		TPC
	Fresh Water	Sea Water	
7	8000	8000	19,0
6	7000	7000	18,5
6	6000	6000	18,0
5	5000	5000	17,5
5	4000	4000	17,0
4	3000	3000	17,0
4	2000	2000	17,0
3	1000	1000	16,5

SDWT is indicated by a red horizontal line at approximately 6.5 meters draught.

**Total tank capacity at 98%:** 8 957 m<sup>3</sup>  
All tanks stainless steel Duplex 2205 - IMO 2

**Manifold**

Distance Bow-Center manifold	52,64	m
Distance Stern-Center manifold	62,36	m
Inboard from ships side	3,16	m
Height above deck	2,33	m
Height above waterline loaded	4,62	m
Height above waterline ballast	7,67	m
Highest allowable pressure	10	bar
Manifold flanges	DIN 150 / 6	"

**Nitrogen**

Storage for 48 bottles  
Nitrogen Plant 95% / 98% / 99,9% purity

**Cargo pumps**

Framo deepwell pumps in all cargo tanks  
Pump Capacity: 100 – 300 m<sup>3</sup>/h  
Pumping Rate given against max 10 bar

**Cargo heating:** 75 deg C

Stainless steel heating coils  
Heating medium: Thermal oil