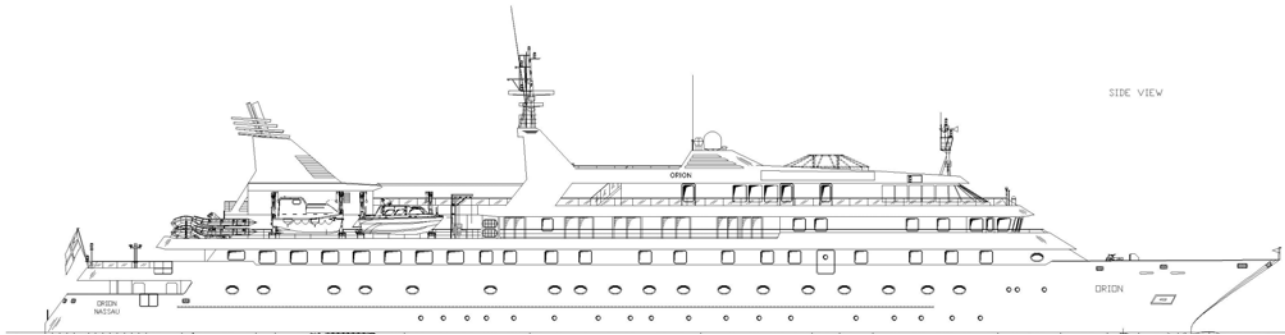


Expedition Cruise Vessel MV "ORION"



Classification:

GL  100 A5 E3 Passenger Ship
 MC E3 AUT

Exposed Deck Areas:

Sun Deck	(Deck 7)	150 m ²
Pool Deck	(Deck 6)	200 m ²
Lido Deck	(Deck 4)	150 m ²

Main Dimensions:

Length over all:	102.70 m
Length betw. perp.:	92.20 m
Breadth moulded:	14.00 m
Breadth over all:	14.25 m
Depth freeboard deck:	5.85 m
Draught:	3.82 m
Service Speed:	15.5 kn
Deadweight:	650 tdw
Tonnage :	4050 GT
Cruising Range:	8000 nm

Wellness

Whirl Pool	Deck 6
Vega Health Spa	Deck 6
Massage	Deck 6
Sauna	Deck 6
Hairdresser	Deck 4

Aquatic Sports Equipment:

10 Zodiac HD MK 5
 Water Ski / Kajacs

Passenger Ship Safety Certificate:

International Service: 141 Passengers
 200 Persons

Passenger and Crew Accommodation

Grand De Luxe	2 + 2 Beds	2 Cabins
De Luxe	2+1 Beds	1 Cabin
Balcony Suites	2+1 Beds	8 Cabins
Balcony De Luxe	2 + 1 Beds	1 Cabin
Balcony Cabin	2 Beds	1 Cabin
Comfort De Luxe	2+1 Beds	16 Cabins
Comfort De Luxe	2 Beds	2 Cabins
Comfort Cabins	2+1 Beds	6 Cabins
Comfort Cabins	2 Beds	15 Cabins
Total Cabins		53 Cabins
Total Passengers		141 Persons
Crew and Service		71 Persons
Persons on Board		200 Persons

Public Areas for Passengers :

Restaurants, Lounges:	
Leda Lounge	107 seats
Dining Room	107 seats
Galaxy Lounge	50 seats
Buffet Terrace	100 seats
Lecture Hall	89 seats
Library	12 seats
Internet Room	

Deck Equipment

2 el./hydr. anchor / mooring winches, fwd.	
2 el. driven warping heads, aft	
2 Life / Tender Boats	27 P. each
2 Life / Rescue Boats	49 P. each
4 launchable Liferrafts	25 Pers. each
2 Service Cranes	SWL 1.8 t

Propulsion System:

1 Main engine	2400 kW
with reduction gear	
1 Controllable pitch propeller	Ø 2500 mm

Aux. Engine Plants:

2 Diesel alternators, each:	950 kVA
1 Emergency alternator	175 kVA
1 Shaft alternator	800 kVA
2 Freshwater generators, each:	35 t/d
1 Sprinkler Plant	
1 CO ₂ fire fighting plant	
1 Bowthruster	400 kW
1 Sternthruster	325 kW

Emden, 23.04.03