

TETHYS

Vessel Particulars



GENERAL:	
Name	Tethys
Type of the Vessel	Crane vessel
Class	(KM)★R2 crane vessel
Built	December, 1982
Main Flag	St.Kitts & Nevis
IMO Number	8210340
Classification Society	RS
Sea Endurance	15 days
Sea Speed	9,4 knots

MAIN DIMENSIONS:	
LOA	51,74 m
Beam	16,00 m
Depth Moulded	3,30 m
Draft	2,65 m

TONNAGE:	
GRT	825 tons
NRT	247 tons
DWT	610 tons

MACHINERY:	
Main Engines	1 x 882 kWt
Auxiliary Engines	1 x 350 kWt, 2 x 36 kWt
Bow thruster	250kWt, 3,6 tons
Propeller	One fixed pitch

CAPACITIES:	
Fuel	100 tons
Luboil	1,5 tons
Potable Water	30 tons
Ballast	186 tons
Deck Cargo	466 tons
Deck area, load	20 x 15 m, max 13 t/m ²

CONSUMPTION:	
Fuel Type	MDO
Work Consumption	2,5 tons
Stand-by Consumption	0,3 tons

CRANE:	
Crane Lifting Capacity	90 tons / 24,7 tons
Crane Outreach	37,9 m / 40 m
Crane Hook Lift. Height	28 m / 30 m
Crane Hook Subm. Depth	5 m / 20 m

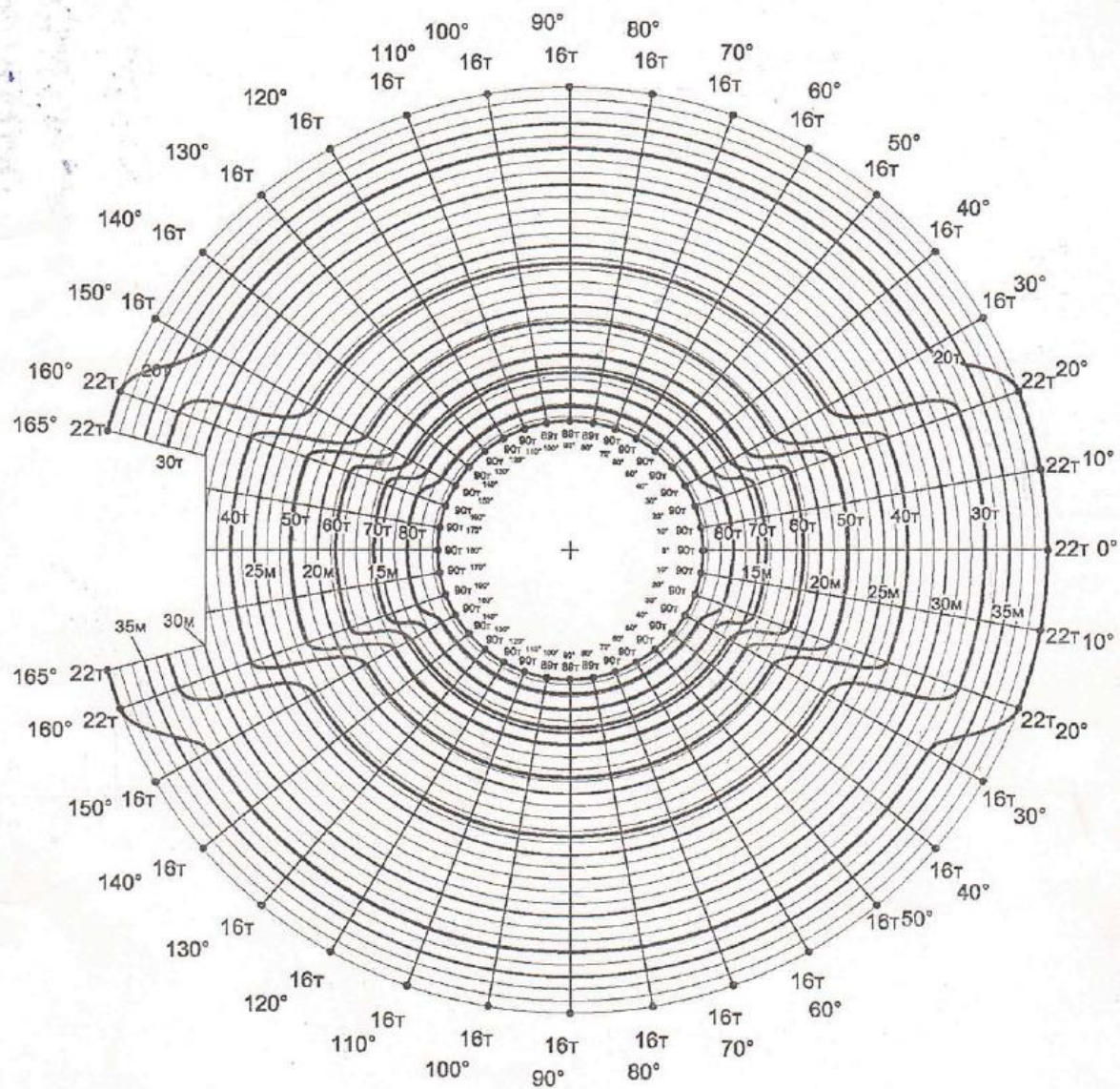
MOORING EQUIPMENT:	
Anchor, type	4 anchors, (2 bow and 2 stern), Hall
Anchors Weight	2x1500 kg and 2 x 1200 kg
Winches	4 winches, (2 bow and 2 stern)
Bow Anchors Chain Ø / L	34 mm / 192,5 m; 34 mm / 220 m
Stern Anchors Wire Ø / L	32 mm / 100 m, 32 mm / 100 m

NAVIGATION / COMMUNICATION EQUIPMENT:	
Radar	FAR 2117
Depth Sounder	Furuno FE-700
NAVTEX Receiver	SAMYUNG SNX-300
Autopilot	RESCO
EPIRB	Sep-406
VHF radio station with DSC	2, Furuno FM-8800S
Inmarsat-C	Furuno, Felcom-15
GPS	Furuno GP-32, Koden KGP-913
Satellite compass	Furuno SC50
Magnetic compass	2 units
AIS	SI 30R
Radar transponder	2, RT9, S4
MF/HF radio station with DSC	FS-2571C c DSC-6A
Portable VHF radio	3, IC-GM1600

ACCOMMODATIONS	
Cabins	10, fully air conditioned
Berths	for 16people



HOISTING DIAGRAM (MAIN BLOCK)

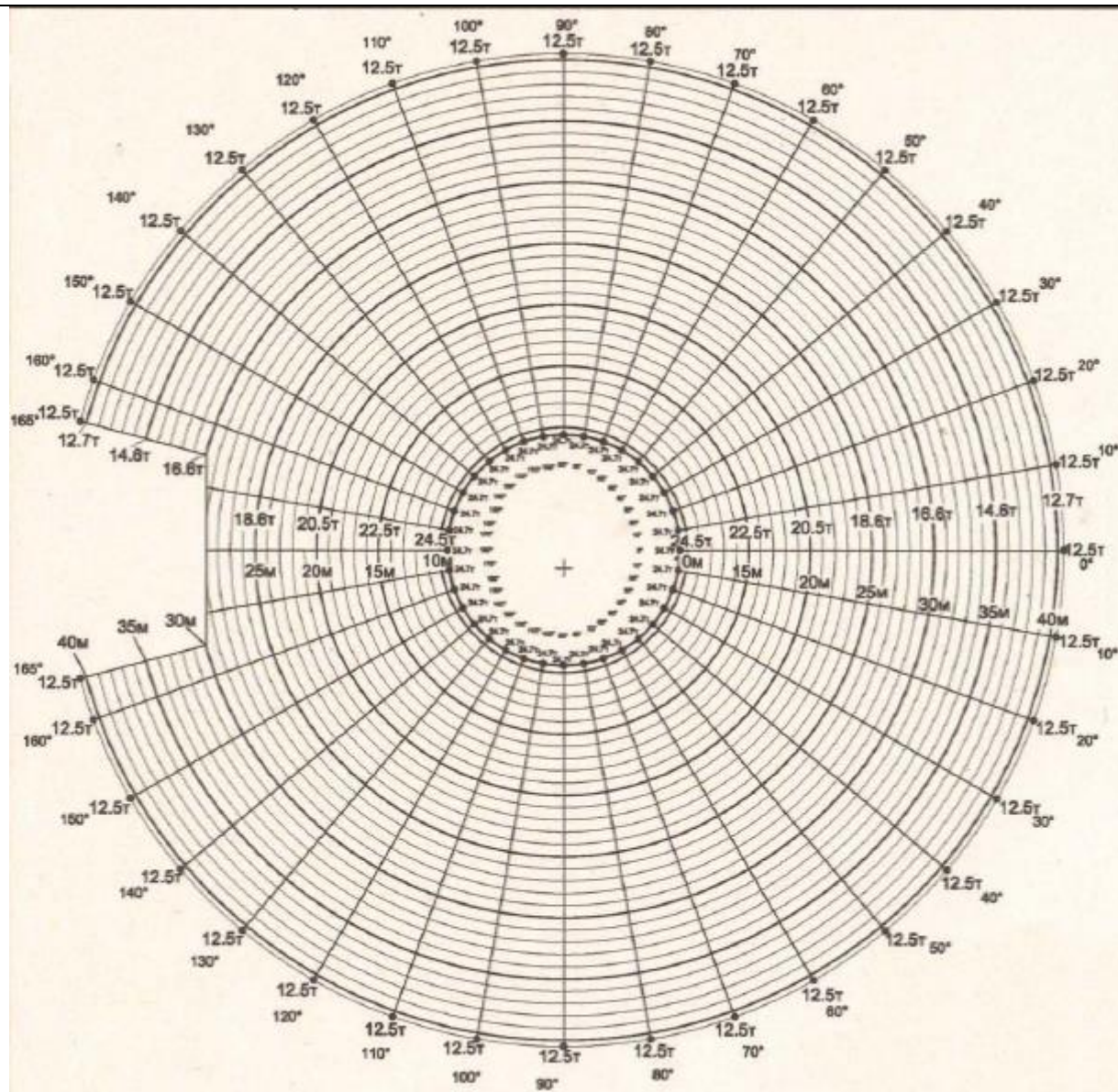




SMM
marine

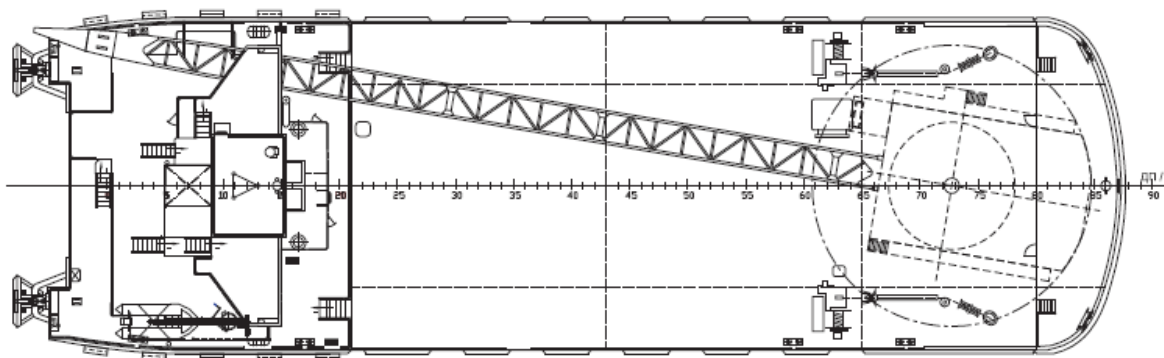
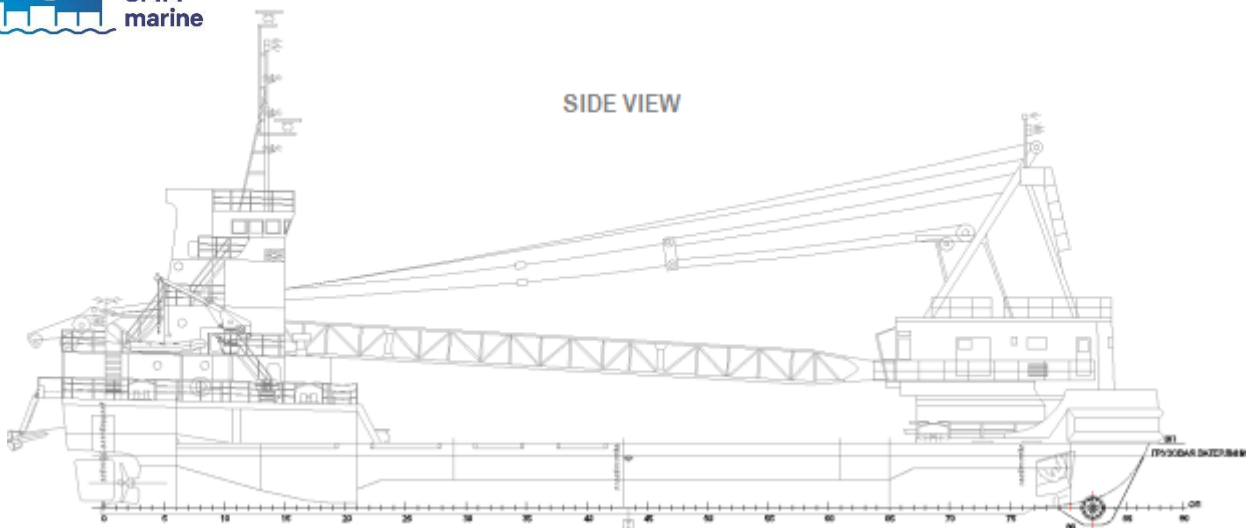


HOISTING DIAGRAM AUXILIARYBLOCK



GENERAL ARRANGEMENT VIEW

SIDE VIEW



Fuel consuming equipment	Fuel consumption at various load. Kg/hour									
	Work load , %									
	10	20	30	40	50	60	70	80	90	100
Main engine YANMAR MF-28UT	9.58	19.6	28.74	38.32	47.9	57.48	67.06	76.64	86.22	95.8
Diesel gen. Nr.1 YANMAR 6KFL	0.97	1.94	2.91	3.88	4.85	5.82	6.79	7.76	8.73	9.7
Diesel gen. Nr.2 YANMAR 3KDL	0.38	0.76	1.14	1.52	1.9	2.28	2.66	3.04	3.42	3.8
Diesel gen. Nr.3 VOLVO PENTA D16MG	13.0	20.0	27.6	36.8	46.0	54.4	63.5	72.8	81.9	91.0
Cane engine MITSUBISHI S6AMPTK	1.87	3.74	5.61	7.48	9.35	11.22	13.09	14.96	16.83	18.7
Water heating boiler KITURAMI					1.7					3.4

Consuming equipment	Lube oil consumption at various load. Kg/hour									
	Work load , %									
	10	20	30	40	50	60	70	80	90	100
Main engine YANMAR MF-28UT	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Diesel gen. Nr.1 YANMAR 6KFL	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
Diesel gen. Nr.2 YANMAR 3KDL	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
Diesel gen. Nr.3 VOLVO PENTA D16MG										
Cane engine MITSUBISHI S6AMPTK	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0

This vessel specification is given in good faith and assumed to be correct but not guaranteed.