


MT "PYXIS EPSILON"

	Date delivered:		01/14/2015		
	Builder (where built):		SPP SHIPYARD /TONG YEONG /REPUBLIC OF KOREA		
	Flag:		MALTA		
	Port of Registry:		VALLETTA		
	Call sign:		9HA3519		
IMO number:	9708760	Type of vessel:		OIL & CHEMICAL TANKER	
Vessel's previous name(s):	Not Applicable	Type of hull:		Double Hull	
Classification:					
Classification society:	DNV-GL	+1A1 CSR Tanker for Chemicals and Oil ESP, SPM E0, VCS-2, Recyclable BWME(s) COAT-PSPC(B), BIS, TMON		Ship type 2 a2 b3 c3 f2 str 0.075	
Dimensions:					
Length Over All (LOA):	183 m	Extr. breadth (Beam):		32.2 m	
Length Between Perpendiculars (LBP):	174.0 m	Moulded depth:		19.10 m	
		Keel to Masth. (KTM):		48.5 m	
Bow to Center Manifold (BCM) / Stern to Center Manifold (SCM):		87.74 m	95.26 m		
Distance bridge front to center of manifold:				60.5 m	
Parallel body distances:		Lightship	Normal Ballast	Summer Dwt	
Forward to mid-point manifold:		22.495 m	33.065 m	33.2 m	
Aft to mid-point manifold:		26.959 m	40.350 m	57.28 m	
Parallel body length:		49.445 m	73.415 m	90.48 m	
FWA at summer draft / TPC immersion at summer draft:		291 mm		52 MT	
Max height of mast above waterline (air draft):		Lightship:		45.663 m	
Normal ballast:	41.300 m	At loaded summer deadweight:		35.200 m	
Tonnages:					
Net Tonnage:	13 823	Panama Canal Net Tonnage (PCNT):		-	
Gross Tonnage / Reduced Gross Tonnage:		29705		23184	
Suez Canal Tonnage - Gross (SCGT)/ Net (SCNT):		31151.82		26668.64	
Loadline Information:					
Loadline:	Freeboard	Displacement		Draft	Dead-weight
Summer:	5.812 m	60 958.5 MT		13.3145 m	50124.7 MT

Winter:	6.089 m	59 508.0 MT	13.0375 m	48674.2 MT
Tropical:	5.535 m	62 412.8 MT	13.5915 m	51579.0 MT
Lightship:	16.248 m	10 833.8 MT	2.878 m	-
Normal Ballast Condition:	11.769 m	30 920.6 MT	7.357 m	20220.6 MT
Multiple SDWT / Maximum assigned deadweight:			Yes (50124.7 MT)	
ICS Helicopter Guidelines:			Yes / Winching	
Cargo & Ballast Handling:				
Double Hull Vessels:	Centerline bulkhead in all cargo tanks:		Yes / Solid	
Cargo Tank Capacities:				
Capacity (98%) of each natural segregation with double valve:		<u>Seg#1:6147.1cbm (1P/1S)</u> <u>Seg#2:9064.3 cbm (2P/2S)</u> <u>Seg#3:9437.4 cbm (3P/3S)</u> <u>Seg#4:9426.3 cbm (4P/4S)</u> <u>Seg#5:9377.3 cbm (5P/5S)</u> <u>Seg#6:8239.6 cbm (6P/6S)</u>		
Total cubic capacity (98%, excluding slop tanks):			51 692.0 m3	
Slop tank(s) capacity (98%):			1 190.1 m3	
Residual/Retention oil tank(s) capacity (98%):			157.878 m3	
Does vessel have Segregated (SBT) or Clean Ballast Tanks (CBT):			SBT	
SBT Vessels:				
Total capacity of SBT:	22 418.8 m3	Percent. of SDWT that vessel can maintain with SBT only:		45 %
MARPOL Annex I Reg 18.2: (previously Reg 13.2)				Yes
Cargo Handling:				
How many grades/products can vessel load/discharge with double valve segregation:				6
Maximum loading rate for homogenous cargo per manifold connection:				1520 m3/hr
Maximum loading rate for homogenous cargo loaded simultaneously through all manifolds:				4560 m3/hr
Pumping Systems:				
Pumps:	No.	Type:		Capacity:
Cargo:	12	Submerged Centrifugal		600 M3/HR
	2	Submerged Centrifugal		300 M3/HR
Stripping:	-	-		-
Eductors:	-	-		-
Ballast:	2	Submerged Centrifugal		750 m3/hr
No of Cargo pumps that can be run simultaneously at full capacity:				6
Vapor Emission Control & Cargo Heating:				
Material of heating coils	Stainless Steel	Type of cargo heating system:		Steam Heat. Coils
Tank Coating:				
Cargo tanks:	Yes (Phenolic Epoxy)	Whole Tank		
Ballast tanks:	Yes (Phenolic Epoxy)	Whole Tank		

Slop tanks:	Yes (Phenolic Epoxy)	Whole Tank	
Inert Gas & Crude Oil Washing:			
Inert Gas System (IGS):	Yes/I.G.G	Crude Oil Washing (COW):	Yes
Lifting Equipment:		Midship Hose Handling Crane / Portside Aft Provision Crane	1 x 10 T / 1 x 3.5 T
Ship To Ship Transfer (STS):	Yes (OCIMF/ICS Ship To Ship Transfer Guide)		
Engine Room:			
Main Engine:	HYUNDAI MAN B&W 6S50ME-B9.2		
Main Engine MCR:	7240 KW AT 99 RPM		
Main Engine NCR:	5922 KW AT 92.6 RPM		
Auxiliary Engine:	YANMAR 6EY22ALW / 900KW		