

INTERTANKO Standard Gas Form - LPG

1. GENREAL INFORMATION			
1.1	Vessels Name (IMO number):	Clipper Neptun (9372432)	
1.2	Flag/Port of Registry:	Norway - STAVANGER	
1.3	Date delivered/Builder:	11.08.2008 / HHI SHIPYARD	
1.4	Hull Type:	Double Bottom	
1.5	Call sign/MMSI:	LAHY6 / 258640000	
1.6	Vessels contact:	+442031454242/41 // +870773157103 clipper.neptun@solvangship.no	
Classification			
1.7	Classification society:	DNV	
1.8	Class notation:	1A1 Tanker for Liquefied Gas E0 NAUT-OC BWM-E(s) PLUS-1 TMON NAUTICUS (Newbuilding)	
1.9	Previous Classification Society (if applicable) / Date of Classification Society Change	N/A	
1.10	EEDI Rating:	N/A	
1.11	Does the ship have a Condition Assessment Programme (CAP) rating? What is the latest CAP rating (if applicable):	Yes ()	
Ownership and Operation / QI			
1.12	Registered Owner:	CLIPPER SHIPPING AS C/O Solvang ASA, Strandkaaien 36. N-4005 Stavanger Norway Tel: +4751848400 Fax: +4751848411 Telex: Not Applicable Email: maritime.vetting@solvangship.no	
1.13	Technical Operator:	Solvang ASA Solvang ASA, Strandkaaien 36. N-4005 Stavanger Norway Tel: (+47) 51 84 84 00 Fax: +47 51 84 84 11 Telex: Not Applicable Email: maritime.vetting@solvangship.no Web: www.solvangship.no Company IMO#: 1242256	
1.14	Commerial Operator:	Solvang ASA Haakon VII's gate 6, PO Box 1737, N-0121 Oslo, Norway Norway Tel: (+47) 22 47 19 50 Fax: (+47) 51 84 84 11 Telex: Not Applicable Email: operation@solvangship.no	
1.15	Qualified Individual:	Hudson Marine management Services Ferry Terminal Building, Suite 300, 2 Aquarium Drive, Camden, NJ 08103 USA Tel: +1 856 342 7500 (24hrs) Fax: + 1 856 372 8888 Telex: N/A Email: reporting@hmms-usa.com Web: www.gudsonmarine.com	
Insurance			
1.16	P & I Club - Full style:	Gard P&I (Bermuda) Ltd. GARD P&I (Bermuda) Ltd P.O. Box 789 Stoa NO-4809 Arendal Norway Tel: 47 37 01 91 00 Fax: 47 37 02 48 10 Web: www.gard.no	
Dimensions			
1.17	Type of vessel (Fully ref/ semi ref/ pressurized):	Fully ref	
1.18	Length overall (LOA):	204,98 Metres	
1.19	Extreme Breadth (Beam):	32,23 Metres	
1.20	Distance bow to bridge:	138,04 Metres	
1.21	Parallel body distances	Lightship	Normal Ballast
	Parallel body length:	59,90 Metres	80,70 Metres
	Aft to mid-point manifold:	32,10 Metres	42,80 Metres
	Fwd to mid-point manifold:	27,80 Metres	37,90 Metres
			Summer Dwt
			100,40 Metres
			54,20 Metres
			46,20 Metres
Tonnages			
1.22	Gross Tonnage:	36459,00 Tonnes	
1.23	Net Tonnage:	10938,00 Tonnes	
1.24	Suez Canal Tonnage Gross(SCGT)/ Net(SCNT):	34288,97	30196,00
	Panama Canal Net Tonnage:	38815,25	
Loadline information			

1.25	Loadline:	Freeboard	Draft	Deadweight	Displacement
	Summer	6,220 Metres	12,120 Metres	43508 MT	59167 MT
	Winter	6,470 Metres	11,870 Metres	42079 MT	57738 MT
	Tropical	5,960 Metres	12,370 Metres	44943 MT	60602 MT
	Normal Ballast Condition:	11,370 Metres	7,200 Metres	17194 MT	32744 MT
1.26	FWA/TPC at summer draft:			260 mm	56,85 MT
1.27	Does vessel have multiple SDWT? If so, please enter Maximum deadweight (mt)			No	

2 DEADWEIGHTS *All cargoes listed are as per Certificate of Fitness					
	Cargo	Draft Foré (m)	Draft Aft' (m)	Draft Mean (m)	Corresponding Deadweight (mt)
2.1	Ammonia anhydrous (98,0%)	12,00	12,20	12,10	43470
2.2	Ammonia anhydrous (98,0%)	12,00	12,20	12,10	43470
2.3	Butadiene (98,0%)	11,80	12,10	11,95	41698
2.4	Butadiene (98,0%)	11,80	12,10	11,95	41698
2.5	Butane (98,0%)	11,00	11,90	11,45	38814
2.6	Butane (98,0%)	11,00	11,90	11,45	38814
2.7	Butane-propane (98,0%)	11,20	12,00	11,60	40404
2.8	Butane-propane (98,0%)	11,20	12,00	11,60	40404
2.9	Butylene (98,0%)	11,50	12,10	11,80	40165
2.10	Butylene (98,0%)	11,50	12,10	11,80	40165
2.11	Propane (98,0%)	11,40	12,00	11,70	37530
2.12	Propane (98,0%)	11,40	12,00	11,70	37530
2.13	Propylene (98,0%)	11,80	12,20	12,00	39174
2.14	Propylene (98,0%)	11,80	12,20	12,00	39174
2.15	VCM (68,7%)	11,40	12,00	11,70	41021
2.16	VCM (68,7%)	11,40	12,00	11,70	41021

3. CARGO TANK CAPACITIES *All cargoes listed are as per Certificate of Fitness						
		Density	Tank 1 (m3)	Tank 2 (m3)	Tank 3 (m3)	Tank 4 (m3)
3.1	100% Capacity		13802	15694	15694	15074
3.2	98% Capacity		13526	15380	15380	14773
3.3	Ammonia anhydrous	0,680	9197,7	10458,5	10458,5	10045,3
3.4	Butadiene	0,651	8805,4	10012,5	10012,5	9616,9
3.5	Butane	0,573	7750,4	8812,8	8812,8	8464,7
3.6	Butane-propane	0,594	8034,4	9135,8	9135,8	8774,9
3.7	Butylene	0,620	8386,1	9535,7	9535,7	9159,0
3.8	Propane	0,580	7845,1	8920,5	8920,5	8568,1
3.9	Propylene	0,610	8250,8	9381,9	9381,9	9011,2
3.10	VCM	0,970	9371,6	10656,2	10656,2	10235,2

4. DECK MACHINERY					
Mooring					
4.1	Number Of Mooring Winches:	Forecast: 3 Maindeck Fwd: 1 Maindeck Aft: 1 Poopdeck: 3			
4.2	Mooring lines on drum (Number/Length/Diameter)	Forecast: 6/220,00 m/64,00 Maindeck Fwd: 2/220,00 m/64,00 Maindeck Aft: 2/220,00 m/64,00 Poopdeck: 6/220,00 m/64,00			
4.3	Mooring lines (Material)	Forecast: KARAT MAXI Maindeck Fwd: KARAT MAXI Plus Maindeck Aft: KARAT MAXI Plus Poopdeck: KARAT MAXI			
4.4	Number of Mooring lines onboard:	25			
4.5	Ship design minimum breaking load (mt):	75,0			
4.6	Winch Brake holding Capacity (mt):	Forecast: 62,70 Maindeck Fwd: 67,40 Maindeck Aft: 67,40 Poopdeck: 62,70			
Lifting Equipment					
4.7	Number of Cranes:	Cranes: 3 x 7.5 Tonnes Port and Starboard aft - 4.0 SWL Center midship - 7.5 SWL			
4.8	SWL Of Cranes(mt):	Cranes: 3 x 7.5 Tonnes Port and Starboard aft - 4.0 SWL Center midship - 7.5 SWL			

5. MACHINERY AND PROPULSION					
------------------------------------	--	--	--	--	--

Engines		No	Power (KW)	Make/Type
5.1	Main Engine:	1	10150	Hyundai-B&W 5S60MC-C
5.2	Auxiliary Engine:	3	1280	HHI-EES 8H21/32
5.3	Main Engine - Type of fuel used:			
5.4	Auxiliary Engine - Type of fuel used:	Fuel 380		
Propulsion				
5.5	Propeller number and type:	Fixed		
5.6	Bow Thruster Power (if fitted):	1630,00		
Bunkers				
5.7	Capacity of bunker tanks:	Fuel oil:2278,50 Diesel oil:		
5.8	Ballast Tank Capacity (100%):	349687,2		

6. CARGO HANDLING

Discharging General				
6.1	Number of Cargo Tanks:	4		
6.2	Cargo Pumps:	Type	No Per Tank	Run simultaneously at full capacity
		Centrifugal	2	8
				Rate per pump (m3 per hour)
				500 (m3/hour)
6.3	Number and Capacity of Booster Pumps:	2 - 500 (m3/hour)		
6.4	Max loading rate for homogenous cargo (without vapour return):	3970		
6.5	Max loading rate for homogenous cargo per manifold (without vapour return):	1985		

Unpumpables			
6.6	Total Unpumpables:	Tank Number	Unpumpable (m3)
		1	17
		2	18
		3	18
		4	17

Transport and Carriage Conditions			
6.7	What is the minimum/maximum permissible tank pressure?	-0,02Kp/Sq. cm	0,40Kp/Sq. cm
6.8	What is the minimum/maximum permissible tank temperature?	-50 °C	N/A
6.9	Does the vessel have a cargo heater? If yes, stat capacity of cargo heater	Yes	
6.10	Number and capacity of Vapouriser	Yes	
6.11	Number and capacity of Cargo Deck Tanks	1 1 Propane: 172,956 2 Ammonia: 202,776 3 Ethylene: 169,6758	
6.12	IS ESD shore connection available? If yes, state type of connection	Yes	
		If yes, is the ESD system pneumatic?	Yes
		If yes, is the ESD system electrical?	Yes
		If yes, is the ESD system fiber optic?	Yes
6.13	Maximum number of grades that can be loaded/carried/discharged simultaneously with complete segregation		2
6.14	No. of products that can be conditioned by the reliquefaction plant simultaneously		2

7. INERT GAS

Main IG Plant		
7.1	Inert Gas system fitted:	Yes
7.2	Inert Gas Capacity:	5500,00
7.3	Inert Gas - Lowest dew point achievable:	-50,00
Nitrogen		
7.4	N2 Plant fitted:	No
7.5	N2 Generating Plant - Lowest dew point achievable:	-50,00

8. RELIQUEFACTION PLANT

8.1	Coolant Type:	Glycol
8.2	Manufacturer/type of compressors:	Sulzer
8.3	Number and capacity of compressors:	4
8.4	Are compressors oil free?:	Yes
		2024.00 m3/hour
Plant Design Conditions		
8.5	Design temperature conditions - Air:	45.00 °C
8.6	Design temperature conditions - Sea:	32.00 °C

9. MANIFOLD					
9.1	Type of manifold valve:	Butterfly			
9.2	Manifold Layout (Fwd to Aft):	Cargo Manifold Dimension A: 100 Cargo Manifold Dimension B: 200 Cargo Manifold Dimension C: 356 Cargo Manifold Dimension D: 254 Cargo Manifold Dimension E: 254 Cargo Manifold Dimension F: 356 Cargo Manifold Dimension G: 200			
9.3	Do manifold arrangements comply with SIGTTO standards?:	Yes			
9.4	Liquid manifold size:	356			
9.5	Vapour manifold size:	254			
9.6	Are local pressure gauges fitted outboard of the manifold valve:	Yes			
9.7	Pipe Flange				
	Pipe Flange letter	Duty	Rating (bar)	Size	Raised/Flat face
	A		10.00	100.00	Raised
	B	Fuel Oil	10.00	200.00	Flat Face
	C	Cargo	25.00	356.00	Raised
	D	Vapour	10.00	254.00	Raised
	E	Vapour	10.00	254.00	Raised
	F	Cargo	25.00	356.00	Raised
	G	Fuel Oil	10.00	200.00	Flat Face
	H		10.00	100.00	Raised
Dimensions					
9.8	Bow to center manifold (BCM)/Stern to center manifold (SCM):	102 Metres		103 Metres	
9.9	Distance manifold to ship side:	3125 mm			
9.10	Height above uppermost continuous deck:	1500 mm			
9.11	Height of the manifold connections above the waterline at light condition:	18580 mm			
9.12	Height of the manifold connections above the waterline at loaded condition:	10000 mm			
9.13	Reducers:	No.	Flange Rating	Size	Length
	ANSI Class 300:	12	25 bar	406 mm	450 mm
	ANSI Class 300 to 150:	4	25 bar	406mm	450 mm
	ANSI Class 150:	8	25 bar	250 mm	450 mm
10. SHIP TO SHIP TRANSFER					
10.1	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum, Chemicals or Liquidified Gas, as applicable)?	Yes			

Revised 2019 (INTERTANKO/Q88.com)

Form generated with data from <http://www.q88.com> - To the best of owners knowledge all information is true and given without any guarantee