



**Gas Form C**

Vessel Name: PGC TAORMINA  
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<b>1 GENERAL</b>			
1.1	Builder & Yard / Hull Number	Kyokuyo Shipyard - Shimonoseki, Japan	532
1.2	Year Built	2017	
1.3	Flag	MALTA	
1.4	Signal Letters / Normal Station Watched	9HA4631	N/A
1.5	Classification	NIPPON KAIJI KYOKAI	
1.6	I.M.O. Certificate of Fitness Expiry	04.10.2022	
1.7	USCG Letter of Compliance Expiry	N/A	

<b>2 DIMENSIONS</b>			
1.1	Length Overall	117.03	
1.2	Length Between Perpendiculars	110	
1.3	Beam (MLD)	19.20	
1.4	Depth (MLD)	9.50	
1.5	Scantling Draught (MLD)	6.80	
1.6	LPG Loaded Draught (MLD)	6.80	
1.7	Design Draft (Extreme)	5.80	
1.8	Max height of mast above waterline (air draft) in SDWT / Ballast condition	29.84	32.27
	Max height of mast in collapsed condition above waterline (air draft) in SDWT / Ballast condition	N/A	N/A
1.9	Height from Keel to top of Mast	36.64	

<b>3 TONNAGE</b>			
3.1	Summer Deadweight at corresponding Summer draught 6.8135 m.	6612	
3.2	Gross registered tonnage	7211	
3.3	Net registered tonnage	2164	
3.4	Light ship Displacement	4218	
3.5	Displacement ( Summer draught )	10 830	
3.6	Suez Canal Net Tonnage	6763.74	

<b>4 MACHINERY</b>					
4.1	Main engine Type / Max Power / RPM / Fuel Grade	MAN B&W 6L35MC6.1(Derated)	2,640 kW	178	FUEL OIL
4.2	Main boilers Type / Make	ALFA LAVAL/Aalborg OC		750	
4.3	Maximum / Service Evaporation	750		500 kg/h	
4.4	Electrical Generating # of Sets / Output per unit	3		680 KW	

<b>5 SPEED</b>			
5.1	Guaranteed Service Speed Ballast / Laden	14.1	13.5

<b>6 ENERGY CONSUMPTION</b>				
6.1	IFO @ Guaranteed speed Ballast / Laden MDO @ Guaranteed speed Ballast / Laden / Port	IFO 10.2 MT	IFO 10.8 MT	MDO 3.2 MT
6.2	For Inert Gas Generation	1.9 MT / day		

<b>7 FRESH WATER CAPACITY AND CONSUMPTION</b>		
7.1	Capacity of FW generators	10 cbm
7.2	Capacity of Tanks Boiler Feed Domestic	215 cbm

<b>8 BUNKER CAPACITY</b>		
8.1	Fuel Oil (density 0.990)	100% - 511.7 CBM
8.2	Diesel Oil (density 0.990)	100% - 92.7 CBM



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9	CARGO	
9.1	Number	2
9.2	Type of Construction	2PG Carbon-Mangalese Steel
9.3	Type, Details of Insulation	Cylindrical , Polyurethan foam
9.4	Minimum Temperature	-51.0 C
9.5	100% Capacity @ -163°C of # 1 Tank 100% Capacity @ -163°C of # 1 Tank 100% Capacity @ -163°C of # 1 Tank Total 100% Capacity @ -163°C	N/A
9.6	Loading or Filling Restrictions	NONE
9.7	The vessel's cargo tanks can be cooled down from ambient temperature for initial loading within	19.8 hrs
9.8	Cargo Loading Performance. The Vessel is capable of receiving a full cargo (including Slow start and topping up, but excluding cooling of pipes, connecting/disconnecting) in less than ___ hours, provided the cargo tanks are properly cooled down and the vapour return line is suitable for the vessel to use the HD compressors	12 hrs
9.9	Maximum Filling Rate	98%
9.10	Relief valve settings	0.85/1.8 MPa
9.11	Loaded Boil-Off Design Rate during laden voyage shall be equal to or less than ___% of the full loaded cargo per day	N/A

10	CARGO PUMPS	
10.1	Number per Tank	1
10.2	Type and Maker	Deep well   Wartsila
10.3	Rated Capacity Each	300 CBM/H
10.4	Cargo Discharging Performance (If a Vapor connection is not supplied, the vessel should be able to still comply with the this statement generating return using the cargo vaporizer.)	yes

11	SPRAY PUMPS	
11.1	Number per Tank	3
11.2	Type and Make	ESCN-260 MCT   TAIKO KIKAI
11.3	Rated Capacity of Each Pump	500cbm/h // 95 cbm/h //75cbm/h

12	CARGO INSTRUMENTATION	
12.1	Number & Type of Main Level Gauges & Accuracy	1 Magnetic Float type
12.2	Number & Type of Backup Level Gauges & Accuracy	1 Magnetic Float type
12.3	Number of Temperature Sensors in Each Tank	3
12.4	Position of Temp. Sensors within Cargo Tanks	Bottom/middle/upper - 5/46/80 %
12.5	No / Type of Pressure Sensors & Accuracy	1 / +/- 1.0% F.S.



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13	INERT GAS GENERATION		
13.1	Type & Make of Equipment	Pressure swing absorption - PRO TECH	
13.2	Capacity	400Nm <sup>3</sup> /h	
13.3	Quality of N <sub>2</sub> Gas Quality of CO Gas Quality of CO <sub>2</sub> Gas Quality of H <sub>2</sub> Gas Quality of O <sub>2</sub> Gas	99.9% / 99.0% / 97.0%  Dry air	

14	NITROGEN STORAGE		
14.1	Consumption	N/A	
14.2	Tank Capacity / Pressure		

15	BALLAST		
15.1	Tank Capacity	3792 CBM	
15.2	Number & Rating of Ballast pumps	2	250 CBM/H
15.3	Is Vessel Capable of Loading/discharging ballast concurrent with cargo operations	yes	yes

16	GAS COMPRESSORS		
16.1	High Duty	740 MJ/H	
16.2	Low duty	350 MJ/H	

17	DECK MACHINERY				
17.1	Mooring Winches Forecastle Main Deck Forward Main deck Aft Poop Deck	Number	Brake Capacity	Type	
		4	189 KN	80.4KN x 15 MTRS/min	
17.2	Size of Ropes Forecastle Main Deck Forward Main deck Aft Poop Deck	Number	Material	Length	Diameter
		16	Signal B5 yarn and High performance Polyester	220 MTRS	52 millimetres
17.3	Cranes, Derricks, etc	1 of 5 Tonnes		2 / 1 Tonnes	

18	NAVIGATION & RADIO		
18.1	Navigation Aids	Full ECDIS	
18.2	Radio Equipment	Full GMDSS	

19	CREW MEMBERS		
19.1	Officers Nationality	Romanian/Philippino	
19.2	Crew Nationality	Romanian/Philippino	
19.3	Number of Officers / Crew	8	9

END FORM C