

1.	VESSEL DESCRIPTION		
1.1	Date updated:	Feb 29, 2020	
1.2	Vessel's name:	Pacific Star	
1.3	IMO number:	9363481	
1.4	Vessel's previous name(s) and date(s) of change:	Eva Heron (Feb 05, 2018) Bow Heron (Mar 11, 2008)	
1.5	Date delivered:	Mar 11, 2008	
1.6	Builder (where built):	SHIN-KURUSHIMA DOCKYARD CO.	
1.7	Flag:	Singapore	
1.8	Port of Registry:	Singapore	
1.9	Call sign:	9V6541	
1.10	Vessel's satcom phone number:	+ 870 773 307 854 / +870 773 307 855	
	Vessel's fax number:	NA	
	Vessel's telex number:	563096100	
	Vessel's email address:	master.pacificstar@skyfile.com	
1.11	Type of vessel:	Oil / Chemical Tanker	
1.12	Type of hull:	Double Hull	
Classification			
1.13	Classification society:	Bureau Veritas	
1.14	Class notation:	BV-1+HULL+MACH OIL Tanker, ESP Chemical Tanker ESP Unrestricted Navigation, ESP, + AUT-UMS, Mon-Shaft	
1.15	If Classification society changed, name of previous society:	NA	
1.16	If Classification society changed, date of change:	NA	
1.17	IMO type, if applicable:	2,3	
1.18	Does the vessel have ice class? If yes, state what level:	No,	
1.19	Date / place of last dry-dock:	Feb 06, 2018	Singapore
1.20	Date next dry dock due	Feb 06, 2021	
1.21	Date of last special survey / next survey due:	Feb 06, 2018	Mar 10, 2023
1.22	Date of last annual survey:	Apr 30, 2019	
1.23	If ship has Condition Assessment Program (CAP), what is the latest overall rating:	N/A	
1.24	Does the vessel have a statement of compliance issued under the provisions of the Condition Assessment Scheme (CAS): If yes, what is the expiry date?	N/A	
Dimensions			
1.25	Length Over All (LOA):	174.38 Metres	
1.26	Length Between Perpendiculars (LBP):	167.62 Metres	
1.27	Extreme breadth (Beam):	27.73 Metres	
1.28	Moulded depth:	16.00 Metres	
1.29	Keel to Masthead (KTM) / KTM in collapsed condition (if applicable):	42.95 Metres	0 Metres
1.30	Bow to Center Manifold (BCM) / Stern to Center Manifold (SCM):	89.59 Metres	84.81 Metres
1.31	Distance bridge front to center of manifold:	55.84 Metres	
1.32	Parallel body distances:	Lightship	Normal Ballast
	Forward to mid-point manifold:	33.32 Metres	37.17 Metres
	Aft to mid-point manifold:	22.02 Metres	30.51 Metres
	Parallel body length:	55.341 Metres	67.676 Metres
1.33	FWA at summer draft / TPC immersion at summer draft:	250.00 Millimetres	41.74 Metric Tonnes
1.34	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast
	Lightship:	40.41 Metres	0 Metres
	Normal ballast:	36.47 Metres	0 Metres
	At loaded summer deadweight:	31.93 Metres	0 Metres
Tonnages			
1.35	Net Tonnage:	9,154.00	
1.36	Gross Tonnage / Reduced Gross Tonnage (if applicable):	20,145.00	15,882
1.37	Suez Canal Tonnage - Gross (SCGT) / Net (SCNT):	21,399.74	18,991.79

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1.38	Panama Canal Net Tonnage (PCNT):	16,818.00			
Loadline Information					
1.39	Loadline Annex I				
	Summer:	5.908 Metres	10.129 Metres	29998.8 Metric Tonnes	38062.80 Metric Tonnes
	Winter:	6.119 Metres	9.904 Metres	29073.4 Metric Tonnes	37137.40 Metric Tonnes
	Tropical:	5.697 Metres	10.340 Metres	30869 Metric Tonnes	38933.00 Metric Tonnes
	Lightship:	13.65 Metres	2.39 Metres		8,064.00 Metric Tonnes
	Normal Ballast Condition:	9.46 Metres	6.58 Metres	15,756.00 Metric Tonnes	23,820 Metric Tonnes
	Loadline Annex II	Freeboard	Draft	Deadweight	Displacement
	Summer:	5.01 Metres	11.02 Metres	33,707 Metric Tonnes	41,771 Metric Tonnes
	Winter:	5.24 Metres	10.79 Metres	32,753.00 Metric Tonnes	40,817 Metric Tonnes
	Tropical:	4.79 Metres	11.25 Metres	34,664 Metric Tonnes	42,728 Metric Tonnes
	Lightship:	13.65 Metres	2.39 Metres		8,064.00 Metric Tonnes
	Normal Ballast Condition:	9.46 Metres	6.58 Metres	15,756.00 Metric Tonnes	23,820 Metric Tonnes
1.40	Does vessel have multiple SDWT?	No			
1.41	If yes, what is the maximum assigned deadweight?	N/A			
Ownership and Operation					
1.42	Registered owner - Full style:	PACSTAR PTE. LTD. 78 Shenton Way 13-01, Singapore 079120. Singapore Tel: +65 6304 1770 Fax: +65 6220 7988 Telex: Not Applicable Email: marine@mtmsm.com Company IMO#: 6120671			
1.43	Technical operator - Full style:	MTM SHIP MANAGEMENT PTE LTD. 78 SHENTON WAY, #13-01 SINGAPORE 079120 Tel: +65 6304 1770 Fax: +65 6220 7988 Email: marine@mtmsm.com Web: www.mtmshipmanagement.com Company IMO#: 1314037			
1.44	Commercial operator - Full style:	M.T. Maritime Management (USA) LLC 2960 Post Road, Southport, CT 06890 U.S.A. Tel: +1-203.226.7882 Fax: +1-203.226.8934 Telex: N/A Email: operations@mtmaritime.com Web: www.mtmaritime.com			
1.45	Disponent owner - Full style:	Pacific Star LLC Trust Company Complex, Ajeltake Island, Ajeltake Road, Majuro, Marshall Islands MH 96960			

2.	CERTIFICATION	Issued	Last Annual or Intermediate	Expires
2.1	Safety Equipment Certificate:	Jan 19, 2020	Apr 30, 2019	Mar 10, 2023
2.2	Safety Radio Certificate:	Oct 16, 2019	Feb 06, 2020	Mar 10, 2023
2.3	Safety Construction Certificate:	Oct 16, 2019	Apr 30, 2019	Mar 10, 2023
2.4	Loadline Certificate:	Oct 16, 2019	Mar 30, 2019	Mar 10, 2023
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Oct 16, 2019	Mar 30, 2019	Mar 10, 2023

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2.6	Safety Management Certificate (SMC):	Feb 07, 2020	Not Applicable	Jul 06, 2020
2.7	Document of Compliance (DOC):	Sep 02, 2016	Aug 22, 2019	Sep 16, 2021
2.8	USCG (specify: COC, LOC or COI): COC			
2.9	Civil Liability Convention Certificate (CLC):	Feb 20, 2020		Feb 20, 2021
2.10	Civil Liability for Bunker Oil Pollution Damage Convention Certificate (CLBC):	Feb 20, 2020		Feb 20, 2021
2.11	U.S. Certificate of Financial Responsibility (COFR):	Oct 30, 2019		Oct 30, 2022
2.12	Certificate of Fitness (Chemicals):	Oct 16, 2019	Apr 30, 2019	Mar 10, 2023
2.13	Certificate of Fitness (Gas):	Not Applicable	Not Applicable	Not Applicable
2.14	Certificate of Class:	Oct 16, 2019	Apr 30, 2019	Mar 10, 2023
2.15	International Ship Security Certificate (ISSC):	Feb 07, 2020	Not Applicable	Jul 06, 2020
2.16	International Sewage Pollution Prevention Certificate (ISPPC)	Oct 16, 2019		Mar 10, 2023
2.17	International Air Pollution Prevention Certificate (IAPP):	Oct 16, 2019	Mar 30, 2019	Mar 10, 2023

Documentation

2.18	Does vessel have all updated publications as listed in the Vessel Inspection Questionnaire, Chapter 2- Question 2.24, as applicable:	Yes
2.19	Owner warrant that vessel is member of ITOPF and will remain so for the entire duration of this voyage/contract:	Yes

3.	CREW MANAGEMENT	
3.1	Nationality of Master:	Burmese
3.2	Nationality of Officers:	Burmese
3.3	Nationality of Crew:	Burmese
3.4	If Officers/Crew employed by a Manning Agency - Full style:	Officers/ Crew : Directly employed by Technical Operator
3.5	What is the common working language onboard:	ENGLISH
3.6	Do officers speak and understand English:	Yes
3.7	In case of Flag Of Convenience, is the ITF Special Agreement on board:	N/A

4.	HELICOPTERS	
4.1	Can the ship comply with the ICS Helicopter Guidelines:	No
4.2	If Yes, state whether winching or landing area provided:	N/A

5.	FOR USA CALLS	
5.1	Has the vessel Operator submitted a Vessel Spill Response Plan to the US Coast Guard which has been approved by official USCG letter:	Yes
5.2	Qualified individual (QI) - Full style:	ECM Maritime Services LLC 1 Selleck Street, 5th Floor, Suite 511 Norwalk, CT 06855, USA. Tel: +1.203.857.0444 Fax: +1.203.857.0428 Email: ecm@ecmmaritime.com Web: www.ecmmaritime.com
5.3	Oil Spill Response Organization (OSRO) -Full style:	NATIONAL RESPONSE CORPORATION 3500 Sunrise Hwy Ste. T103 Great River, NY 11739, USA Tel: +1.800.899.4672 Fax: +1.631.224.9086 Email: iocdo@nrcc.com 3500 Sunrise Hwy Ste. T103 Great River, NY 11739, USA Tel: +1.800.899.4672 Fax: +1.631.224.9086 Email: iocdo@nrcc.com
5.4	Has technical operator signed the SCIA / C-TPAT agreement with US customs concerning drug smuggling:	No

6.	CARGO AND BALLAST HANDLING	
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Double Hull Vessels			
6.1	Is vessel fitted with centerline bulkhead in all cargo tanks:	Yes	
6.2	If Yes, is bulkhead solid or perforated:	Solid	
Cargo Tank Capacities			
6.3	Capacity (98%) of each natural segregation with double valve (specify tanks):	Seg#1 1713.372m3 (1P) Seg#2 1713.583m3 (1S) Seg#3 2284.618m3 (2P) Seg#4 2284.282m3 (2S) Seg#5 2360.565m3 (3P) Seg#6 2360.182m3 (3S) Seg#7 2841.085m3 (4P) Seg#8 2840.762m3 (4S) Seg#9 2843.683m3 (5P) Seg#10 2839.872m3 (5S) Seg#11 2837.626m3 (6P) Seg#12 2837.555m3 (6S) Seg#13 2857.784m3 (7P) Seg#14 2847.795m3 (7S) 573.624 Slop(P) 581.819 Slop(S)	
6.4	Total cubic capacity (98%, excluding slop tanks):	35,463 Cu. Metres	
6.5	Slop tank(s) capacity (98%):	1,155.40 Cu. Metres	
6.6	Residual/Retention oil tank(s) capacity (98%), if applicable:	NA	
6.7	Does vessel have Segregated Ballast Tanks (SBT) or Clean Ballast Tanks (CBT):	SBT	
SBT Vessels			
6.8	What is total capacity of SBT?	14376.00 Cu. Metres	
6.9	What percentage of SDWT can vessel maintain with SBT only:	44.20 %	
6.10	Does vessel meet the requirements of MARPOL Annex I Reg 18.2: (previously Reg 13.2)	Yes	
Cargo Handling			
6.11	How many grades/products can vessel load/discharge with double valve segregation:	16	
6.12	Maximum loading rate for homogenous cargo per manifold connection:	341 Cu. Metres/Hour	
6.13	Maximum loading rate for homogenous cargo loaded simultaneously through all manifolds:	1364 Cu. Metres/Hour, Commingled Connection	
6.14	Are there any cargo tank filling restrictions. If yes, please specify:	Yes, FR=(1.5/SG of cargo) x 0.90%	
Pumping Systems			
6.15	Pumps:	No.	Type
	Cargo:	14 2	Centrifugal Centrifugal
	Stripping:		
	Eductors:		
	Ballast:	2	Centrifugal
			650 Cu. Metres/Hour
6.16	How many cargo pumps can be run simultaneously at full capacity:	4	
Cargo Control Room			
6.17	Is ship fitted with a Cargo Control Room (CCR):	Yes	
6.18	Can tank innage / ullage be read from the CCR:	Yes	
Gauging and Sampling			
6.19	Can ship operate under closed conditions in accordance with ISGOTT:	Yes	
6.20	What type of fixed closed tank gauging system is fitted:	Floating	
6.21	Are overfill (high-high) alarms fitted? If Yes, indicate whether to all tanks or partial:	All tanks	
Vapor Emission Control			
6.22	Is a vapor return system (VRS) fitted:	Yes	
6.23	Number/size of VRS manifolds (per side):	6	200 Millimetres
Venting			

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6.24	State what type of venting system is fitted:	Independent High Velocity Vents		
Cargo Manifolds				
6.25	Does vessel comply with the latest edition of the OCIMF 'Recommendations for Oil Tanker Manifolds and Associated Equipment':	NA		
6.26	What is the number of cargo connections per side:	18		
6.27	What is the size of cargo connections:	150.00 Millimetres		
6.28	What is the material of the manifold:	Stainless		
Manifold Arrangement				
6.29	Distance between cargo manifold centers:	375.00 Millimetres		
6.30	Distance ships rail to manifold:	3,450.00 Millimetres		
6.31	Distance manifold to ships side:	3,700.00 Millimetres		
6.32	Top of rail to center of manifold:	1,583.00 Millimetres		
6.33	Distance main deck to center of manifold:	2,038.00 Millimetres		
6.34	Manifold height above the waterline in normal ballast / at SDWT condition:	12.47 Metres	8.17 Metres	
6.35	Number / size reducers:	6 x 100/150mm (4/6") 4 x 150/200mm (6/8") 1 x 150/250mm (6/10") 1 x 200/250mm (8/10") 1 x 250/300mm (10/12") 1 x 100/50mm (4/2") 1 x 100/75mm (4/3")		
Stern Manifold				
6.36	Is vessel fitted with a stern manifold:	No		
6.37	If stern manifold fitted, state size:	N/A		
Cargo Heating				
6.38	Type of cargo heating system?	Steam		
6.39	If fitted, are all tanks coiled?	Yes		
6.40	If fitted, what is the material of the heating coils:	SS		
6.41	Maximum temperature cargo can be loaded/maintained:	60.0 °C / 140.0 °F	80°C / 176 °F	
Tank Coating				
6.42	Are cargo, ballast and slop tanks coated?	Coated	Type	To What Extent
	Cargo tanks:	Yes	SUS316	Whole Tank
	Ballast tanks:	Yes	Tar Epoxy	Whole Tank
	Slop tanks:	Yes	SUS316	Whole Tank
6.43	If fitted, what type of anodes are used:	Zinc Anodes		

7.	INERT GAS AND CRUDE OIL WASHING			
7.1	Is an Inert Gas System (IGS) fitted:	Yes 99.9% = 375 Nm3/hr 95% = 2000 N/m3/hr		
7.2	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:	Nitrogen Generator		
7.3	Is a Crude Oil Washing (COW) installation fitted:	N/A		

8.	MOORING					
8.1	Mooring wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	0	0 Millimetres	0	0 Metres	0 Metric Tonnes
	Main deck fwd:	0	0 Millimetres	0	0 Metres	0 Metric Tonnes
	Main deck aft:	0	0 Millimetres	0	0 Metres	0 Metric Tonnes
	Poop deck:	0	0 Millimetres	0	0 Metres	0 Metric Tonnes
8.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	0	0 Millimetres	0	0 Metres	0 Metric Tonnes
	Main deck fwd:	0	0 Millimetres	0	0 Metres	0 Metric Tonnes
	Main deck aft:	0	0 Millimetres	0	0 Metres	0 Metric Tonnes
	Poop deck:	0	0 Millimetres	0	0 Metres	0 Metric Tonnes
8.3	Mooring ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	6	60 Millimetres	Polyester	206 Metres	44 Metric Tonnes

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				combination		
	Main deck fwd:	0	0 Millimetres	0	0 Metres	0 Metric Tonnes
	Main deck aft:	0	0 Millimetres	0	0 Metres	0 Metric Tonnes
	Poop deck:	4	60 Millimetres	Polyester combination	206 Metres	44 Metric Tonnes
8.4	Other mooring lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	60 Millimetres	Polyester combination	209 Metres	59 Metric Tonnes
	Main deck fwd:	0	0 Millimetres	0	0 Metres	0 Metric Tonnes
	Main deck aft:	0	0 Millimetres	0	0 Metres	0 Metric Tonnes
	Poop deck:	4	60 Millimetres	Polypropylene & Polyester Interwoven	207 Metres	59 Metric Tonnes
8.5	Mooring winches			No.	# Drums	Brake Capacity
	Forecastle:			2	DOUBLE DRUM	35 Metric Tonnes
	Main deck fwd:			0		0 Metric Tonnes
	Main deck aft:			0		0 Metric Tonnes
	Poop deck:			2	DOUBLE DRUM	35 Metric Tonnes
8.6	Mooring bitts				No.	SWL
	Forecastle:				6	62.8 Metric Tonnes
	Main deck fwd:				2	51 Metric Tonnes
	Main deck aft:				2	51 Metric Tonnes
	Poop deck:				6	62.8 Metric Tonnes
8.7	Closed chocks and/or fairleads of enclosed type				No.	SWL
	Forecastle:				13	90 Metric Tonnes
	Main deck fwd:				2	90 Metric Tonnes
	Main deck aft:				2	90 Metric Tonnes
	Poop deck:				16	124 Metric Tonnes
Emergency Towing System						
8.8	Type / SWL of Emergency Towing system forward:				ETS-4000FSR-SJ	200 Metric Tonnes
8.9	Type / SWL of Emergency Towing system aft:				ETS-2000A-SJ	100 Metric Tonnes
Anchors						
8.10	Number of shackles on port cable:					11
8.11	Number of shackles on starboard cable:					11
Escort Tug						
8.12	What is SWL and size of closed chock and/or fairleads of enclosed type on stern:				100.00 Metric Tonnes	400 mm
8.13	What is SWL of bollard on poopdeck suitable for escort tug:					62.80 Metric Tonnes
Bow/Stern Thruster						
8.14	What is brake horse power of bow thruster (if fitted):					951.00 bhp
8.15	What is brake horse power of stern thruster (if fitted):					0 Kilowatt
Single Point Mooring (SPM) Equipment						
8.16	Does vessel comply with the latest edition of OCIMF 'Recommendations for Equipment Employed in the Mooring of Vessels at Single Point Moorings (SPM)':					Yes
8.17	Is vessel fitted with chain stopper(s):					Yes
8.18	How many chain stopper(s) are fitted:					1
8.19	State type of chain stopper(s) fitted:					Roller Pawl Type
8.20	Safe Working Load (SWL) of chain stopper(s):					20 Metric Tonnes
8.21	What is the maximum size chain diameter the bow stopper(s) can handle:					76 Millimetres
8.22	Distance between the bow fairlead and chain stopper/bracket:					3689 Millimetres
8.23	Is bow chock and/or fairlead of enclosed type of OCIMF recommended size (600mm x 450mm)? If not, give details of size:					No 300mm x 250mm
Lifting Equipment						
8.24	Derrick / Crane description (Number, SWL and location):					Cranes: 1 x 10.00 Tonnes, center
8.25	What is maximum outreach of cranes / derricks outboard of the ship's side:					3.00 Metres
Ship To Ship Transfer (STS)						

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8.26	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum or Liquefied Gas, as applicable):	Yes
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9. MISCELLANEOUS
Engine Room

9.1	What type of fuel is used for main propulsion?	HFO	
9.2	What type of fuel is used in the generating plant?	HFO	
9.3	Capacity of bunker tanks - IFO and MDO/MGO:	1,620.90 Cu. Metres	123.90 Cu. Metres 0 Cu. Metres
9.4	Is vessel fitted with fixed or controllable pitch propeller(s)?	Fixed	

Insurance

9.5	P & I Club - Full Style:	Assuranceforeningen Skuld (Gjensidig) Singapore Branch #37-01, 6 Battery Road, Singapore 049909 Tel: +65 64388010 Fax: +65 64380180 Telex: N/A Email: sng@skuld.com Web: www.skuld.com	
9.6	P & I Club coverage - pollution liability coverage:	1,000,000,000 US\$	

Port State Control

9.7	Date and place of last Port State Control inspection:	Sep 23, 2019 / Aqaba, Jordan	
9.8	Any outstanding deficiencies as reported by any Port State Control:	No	
9.9	If yes, provide details:	N/A	

Recent Operational History

9.10	Has vessel been involved in a pollution, grounding, serious casualty or collision incident during the past 12 months? If yes, full description:	Pollution: No, Grounding: No , Serious casualty: No , Collision: No ,	
9.11	Last three cargoes / charterers / voyages (Last / 2nd Last / 3rd Last):	Private and Confidential as per Charter Party. Please contact owner for detail.	

Vetting

9.12	Date/Place of last SIRE Inspection:	Jan 30, 2020 / Sillamae, Estonia	
9.13	Date/Place of last CDI Inspection:	N/A	
9.14	Recent Oil company inspections/screenings (To the best of owners knowledge and without guarantee of acceptance for future business)*: * "Approvals" are not given by Oil Majors and ships are accepted for the voyage on a case by case basis.	BIECO	

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 Form completed on <http://www.q88.com/integration.aspx> Please email support@q88.com an updated copy if this is not the latest version.

To the best of owners knowledge all information is true and given without any guarantee