INTERTANKO CHARTERING QUESTIONNAIRE 88 - OIL/CHEMICAL **Version 5**

1.	**GENERAL INFORMATION**		
1.1	Date updated:	23/08/2024	
1.2	Vessel's name (IMO number):	Zakros (9352872)	
1.3	Vessel's previous name(s) and date(s) of change:	Lukianos / 23.01.2020	
1.4	Date delivered/Builder (where built):	Oct 25, 2005/Nakatani Shipbuilding Co, Hiroshima, Japan	
1.5	Flag/Port of Registry:	Greek / Piraeus	
1.6	Call sign/MMSI:	SVDG9/241699000	
1.7	Vessel's contact details (satcom/fax/email etc.):	Email: tankerzakros@sekavin.gr	
1.8	Type of vessel (as described in Form A or Form B Q1.11 of the IOPPC):	Product Carrier	
1.9	Type of hull:	Double Hull	
Ownership and Operation			
1.10	Registered owner - Full style:	ZAKROS SHIPPING COMPANY 53-55, Akti Miaouli 185 36 Piraeus – Greece PHONE : 210 4293160 FAX : 210 4295068	
1.11	Technical operator - Full style:	ZEPHIROS SHIPPING COMPANY 53-55, Akti Miaouli 185 36 Piraeus – Greece PHONE : 210 4293160 FAX : 210 4295068	
1.12	Commercial operator - Full style:	SEKAVIN SA 53-55, Akti Miaouli 185 36 Piraeus – Greece PHONE : 210 4293160 FAX : 210 4295068 Site : www.sekavin.com	
1.13	Disponent owner - Full style:	N/A	
Insurance			
1.14	P & I Club - Full Style:	Shipowners mutual protection & indemnity association	
1.15	P & I Club pollution liability coverage/expiration date:	1,000,000,000 US$	04/02/2025
1.16	Hull & Machinery insured by - Full Style: (Specify broker or leading underwriter)	Sea Scope Insurance Services Ltd. 57 Mansell Street, London E1 8AN Tel: 02074883288, Fax: 02074814499	
1.17	Hull & Machinery insured value/expiration date:	6,050,00 USD + INCREASED VALUE 1,512,500 USD	11/04/2025
Classification			
1.18	Classification society:	RINA	
1.19	Class notation:	Oil tanker ESP – Double Hull – unrestricted navigation, AUT-UMS	
1.20	Is the vessel subject to any conditions of class, class extensions, outstanding memorandums or class recommendations? If yes, give details:	No NA	
1.21	If classification society changed, name of previous and date of change:	NKK, 08/05/2020	
1.22	Does the vessel have ice class? If yes, state what level:	No, NA	
1.23	Date/place of last dry-dock:	March 31, 2023 Greece Perama	
1.24	Date next dry dock due/next annual survey due:	Oct 24, 2025	Jan 24, 2025
1.25	Date of last special survey/next special survey due:	Oct 01, 2020	Oct 24, 2025
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:	No,	
Dimensions			
1.27	Length overall (LOA):	90.04 Metres	
1.28	Length between perpendiculars (LBP):	84.00 Metres	

1.29	Extreme breadth (Beam):				14.70 Metres
1.30	Moulded depth:				6.80 Metres
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:			31.74 Metres	31.74 Metres
1.32	Distance bridge front to center of manifold:				30.55 Metres
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):			39.10 Metres	50.90 Metres
1.34	Parallel body distances		Lightship	Normal Ballast	Summer Dwt
	Forward to mid-point manifold:		8.75 Metres	12.60 Metres	14.33 Metres
	Aft to mid-point manifold:		19.53 Metres	25.35 Metres	28.50 Metres
	Parallel body length:		28.28 Metres	37.95 Metres	42.83 Metres
Tonnages					
1.35	Net Tonnage:				1,099.00
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):			2,547.00	
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):			2,730.30	2,079.04
1.38	Panama Canal Net Tonnage (PCNT):				2,193.30
Loadline Information					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	1.51 Metres	5.31 Metres	3,644.83 Metric Tonnes	5,157.17 Metric Tonnes
	Winter:	1.62 Metres	5.20 Metres	3,524.37 Metric Tonnes	5,036.71 Metric Tonnes
	Tropical:	1.40 Metres	5.42 Metres	3,765.95 Metric Tonnes	5,278.29 Metric Tonnes
	Lightship:	4.83 Metres	1.97 Metres	-	1,512.34 Metric Tonnes
	Normal Ballast Condition:	2.91 Metres	3.89 Metres	2,126.83 Metric Tonnes	3,639.17 Metric Tonnes
	Segregated Ballast Condition:	2.91 Metres	3.89 Metres	2,126.83 Metric Tonnes	3,639.17 Metric Tonnes
1.40	FWA/TPC at summer draft:			117.00 Millimetres	10.97 Metric Tonnes
1.41	Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:			No Loadline Cert no. 1 (In used): Summer Draft - 5.313 M Freeboard - 1.509 M DWT - 3644.83 T	
1.42	Constant (excluding fresh water):				
1.43	What is the company guidelines for Under Keel Clearance (UKC) for this vessel?			Deep Sea Passage depth >100m (5 x the deepest draft. Coastal Pass depth>50m (twice the depth of Draft). Approach to Port <50m/OPL 15% of deep draft. Within Port Limit: while underway at SPM Buoys + Anchorage - 10% of deepest Draft. Berth in Ports - 60cm UKC.	
1.44	What is the max height of mast above waterline (air draft)			Full Mast	Collapsed Mast
	Summer deadweight:			26.43 Metres	0 Metres
	Normal ballast:			27.85 Metres	0 Metres
	Lightship:			29.77 Metres	0 Metres

2.	**CERTIFICATES**	**Issued**	**Last Annual**	**Last Intermediate**	**Expires**
2.1	Safety Equipment Certificate (SEC):	01/10/2020	19/01/2023	08/01/2024	24/10/2025
2.2	Safety Radio Certificate (SRC):	01/10/2020	19/01/2023	08/01/2024	24/10/2025
2.3	Safety Construction Certificate (SCC):	01/10/2020	19/01/2023	08/01/2024	24/10/2025
2.4	International Loadline Certificate (ILC):	01/10/2020	08/01/2024	Not applicable	24/10/2025
2.5	International Oil Pollution Prevention Certificate (IOPPC):	16/08/2022	08/01/2024		24/10/2025

2.6	International Ship Security Certificate (ISSC):	17/12/2020	**N/A**	11/10/2023	04/11/2025
2.7	Maritime Labour Certificate (MLC):	17/12/2020	**N/A**	11/10/2023	04/11/2025
2.8	ISM Safety Management Certificate (SMC):	17/12/2020	**N/A**	11/10/2023	04/11/2025
2.9	Document of Compliance (DOC):	21/09/2023			14/09/2028
2.10	USCG Certificate of Compliance (USCGCOC):	Not Applicable			Not Applicable
2.11	Civil Liability Convention (CLC) 1992 Certificate:	22/01/2024	N/A	N/A	04/02/2025
2.12	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	22/01/2024	N/A	N/A	04/02/2025
2.13	Liability for the Removal of Wrecks Certificate (WRC):	04/02/2024	N/A	N/A	04/02/2025
2.14	U.S. Certificate of Financial Responsibility (COFR):	Not Applicable	N/A	N/A	Not Applicable
2.15	Certificate of Class (COC):	12/07/2021	08/01/2024	28/04/2023	24/10/2025
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	01/10/2020	N/A	N/A	24/10/2025
2.17	Certificate of Fitness (COF):	Not Applicable			Not Applicable
2.18	International Energy Efficiency Certificate (IEEC):	08/05/2020	N/A	N/A	N/A
2.19	International Air Pollution Prevention Certificate (IAPPC):	14/01/2022 Re-issuance	08/01/2024	Not Applicable	24/10/2025
Documentation					
2.20	Owner warrant that vessel is member of ITOPF and will remain so for the entire duration of this voyage/contract:			Yes	
2.21	Does vessel have in place a Drug and Alcohol Policy complying with OCIMF guidelines for Control of Drugs and Alcohol Onboard Ship?			Yes	
2.22	Is the ITF Special Agreement on board (if applicable)?			N/A	
2.23	ITF Blue Card expiry date (if applicable):				

3.	**CREW**		
3.1	Nationality of Master:		Greek
3.2	Number and nationality of Officers:	6	Greek
3.3	Number and nationality of Crew:	8	Greek
3.4	What is the common working language onboard:		Greek
3.5	Do officers speak and understand English?		Yes
3.6	If Officers/ratings employed by a manning agency - Full style:	N/A	N/A

4.	**FOR USA CALLS**	
4.1	Has the vessel Operator submitted a Vessel Spill Response Plan to the US Coast Guard which has been approved by official USCG letter?	N/A
4.2	Qualified individual (QI) - Full style:	N/A
4.3	Oil Spill Response Organization (OSRO) - Full style:	N/A
4.4	Salvage and Marine Firefighting Services (SMFF) - Full Style:	

5.	**SAFETY/HELICOPTER**	
5.1	Is the vessel operated under a Quality Management System? If Yes, what type of system? (ISO9001 or IMO Resolution A.741(18) as amended):	Yes IMO Resolution A.741 (18)
5.2	Can the ship comply with the ICS Helicopter Guidelines?	No
5.2.1	If Yes, state whether winching or landing area provided:	
5.2.2	If Yes, what is the diameter of the circle provided:	

6.	COATING/ANODES				
6.1	Tank Coating	Coated	Type	To What Extent	Anodes
	Cargo tanks:	Yes	Epoxy coating	Whole Tank	No
	Ballast tanks:	Yes	Whole Tank	Good	Yes
	Slop tanks:	Yes	Nippon Paint - Nippe Epoxy PC NOA	Whole Tank	No

7.	BALLAST				
7.1	Pumps	No.	Type	Capacity	At What Head (sg=1.0)
	Ballast Pumps:	1	Centrifugal	300 Cu. Metres/Hour	20 Metres
	Ballast Eductors:				

8.	CARGO		
Double Hull Vessels			
8.1	Is vessel fitted with centerline bulkhead in all cargo tanks? If Yes, solid or perforated:	Yes, Solid	
Cargo Tank Capacities			
8.2	Number of cargo tanks and total cubic capacity (98%):	10	3,818.848 Cu. Metres
8.2.1	Capacity (98%) of each natural segregation with double valve (specify tanks):	Grp 1 - FO Cargo tank 1P – 301.526 Cargo tank 1S – 299.366 Cargo tank 4P – 413.268 Cargo tank 4S – 411.339 Grp 2- FO Cargo tank 2P – 408.185 Cargo tank 2S – 405.405 Cargo tank 5P – 377.923 Cargo tank 5S – 378.251 Grp 3- MGO Cargo tank 3P – 412.708 Cargo tank 3S – 410.875 Grand Total: 3.818,89 Grp 4- SLOP Cargo tank 6c – 115.962 (slop tank)	
8.2.2	IMO class (Oil/Chemical Ship Type 1, 2 or 3):	N/A	
8.3	Number of slop tanks and total cubic capacity (98%):	1	115.962 Cu. Metres
8.3.1	Specify segregations which slops tanks belong to and their capacity with double valve:	NO.4 group with 5S / 494.213m3 @ 98%	
8.3.2	Residual/retention oil tank(s) capacity (98%), if applicable:		
SBT Vessels			
8.3.3	What is total SBT capacity and percentage of SDWT vessel can maintain?		
8.3.4	Does vessel meet the requirements of MARPOL Annex I Reg 18.2:	No	
Cargo Handling and Pumping Systems			
8.4	How many grades/products can vessel load/discharge with double valve segregation:		2
8.4.1	State type of cargo containment (integral, independent, gravity or pressure tanks):	Integral	
8.5	Are there any cargo tank filling restrictions? If yes, specify number of slack tanks, max s.g., ullage restrictions etc.:	Yes 1.025 SG	
8.6	Max loading rate for homogenous cargo	With VECS	Without VECS
	Loaded per manifold connection:		600 Cu. Metres/Hour
	Loaded simultaneously through all manifolds:		1,500 Cu. Metres/Hour

Cargo Control Room				
8.7	Is ship fitted with a Cargo Control Room (CCR)?		Yes	
8.8	Can tank innage/ullage be read from the CCR?		Yes	
Gauging and Sampling				
8.9	Is gauging system certified and calibrated? If no, specify which ones are not calibrated:		Yes, NA	
	What type of gauging system as per IBC 13.1 is fitted (Open/Restricted/Closed)?		Closed	
	What type of fixed closed tank gauging system is fitted:		Floating	
	Is a tank overflow control system fitted? If yes, then state if system includes automatic closing of valves?		No, N/A	
	Are high level alarms fitted to the cargo tanks? If Yes, indicate whether to all tanks or partial:		Yes, All	
8.9.1	Can cargo be transferred under closed loading conditions in accordance with ISGOTT 11.1.6.6?		Yes	
8.9.2	Are cargo tanks fitted with multipoint gauging? If yes, specify type and locations:		Yes, Digital Float Gauge / All cargo tanks	
8.10	Number of portable gauging units (example- MMC) on board:		2	
Vapor Emission Control System (VECS)				
8.11	Is a vapour return system (VRS) fitted?		Yes	
8.12	Number/size of VECS manifolds (per side):		1	150 Millimetres
8.13	Number/size/type of VECS reducers:		NA	
Venting				
8.14	State what type of venting system is fitted:		Independent high velocity P/V valves	
Cargo Manifolds and Reducers				
8.15	Total number/size of cargo manifold connections on each side:		4/300 Millimetres (300, 300, 200, 200 Millimetres)	
8.15.1	Does the vessel have a Common Line Manifold connection? If yes, describe:		No	
8.16	What type of valves are fitted at manifold:		Gate	
8.17	What is the material/rating of the manifold:		Stainless steel SUS 304/SS SUS304 10kg/cm2/SS SUS304	
8.17.1	Does vessel comply with the latest edition of the OCIMF 'Recommendations for Oil Tanker Manifolds and Associated Equipment'?		Yes	
8.18	Distance between cargo manifold centers:		1,500 Millimetres	
8.19	Distance ships rail to manifold:		2,460 Millimetres	
8.20	Distance manifold to ships side:		2,630 Millimetres	
8.21	Top of rail to center of manifold:		1,500 Millimetres	
8.22	Distance main deck to center of manifold:		2,621 Millimetres	
8.23	Spill tank grating to center of manifold:		749 Millimetres	
8.24	Manifold height above the waterline in normal ballast/at SDWT condition:		4.81 Metres	3.41 Metres
8.25	Number/size/type of reducers:		2 x 300/250mm (12/10") 2 x 250/200mm (10/8") 2 x 200/150mm (8/6") 2 x 200/100mm (8/4") 2 x 150/100mm (6/4") ASA	
8.26	Is vessel fitted with a stern manifold? If yes, state size:		Yes (1 no. /200MM, 1 no. /300MM), 300 Millimetres	
Heating				
8.27	Cargo/slop tanks fitted with a cargo heating system?	Type	Coiled	Material
	Cargo Tanks:	Thermal Oil Heating	Yes	SS
	Slop Tanks:	Thermal Oil Heating	Yes	SS SUS304 Sch 20
8.27.1	Is a Thermal Oil Heating system fitted? If yes, identify tanks?		Yes, All tanks	
8.28	Maximum temperature cargo can be loaded/maintained:		60.0 °C / 140.0 °F	60 °C / 140 °F

8.28.1	Minimum temperature cargo can be loaded/maintained:				60.0 °C / 140.0 °F	60.0 °C / 140.0 °F
Inert Gas and Crude Oil Washing						
8.29	Is an Inert Gas System (IGS) fitted/operational?				No/	
8.29.1	Is a Crude Oil Washing (COW) installation fitted/operational?				No/	
8.30	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:					
8.30.1	If nitrogen generator, specify the applicable flow rate for each of the designed purity modes:				NA	
Cargo Pumps						
8.31	How many cargo pumps can be run simultaneously at full capacity:					1
8.32	Pumps	No.	Type		Capacity	At What Head (sg=1.0)
	Cargo Pumps:	2 1 1	Screw Screw Screw (slop pump)		600 M3/HR 300 M3/HR 100 M3/HR	10 Meters 10 Meters 10 Meters
	Cargo Eductors:					
	Stripping:					
8.33	Is at least one emergency portable cargo pump provided?				N/A	
Tank Cleaning Systems						
8.34	Is tank cleaning equipment fixed in cargo tanks?				No	
8.35	Is portable tank cleaning equipment provided?				Yes	
8.36	Tank washing pump capacity:				20 Cu. Metres/Hour	
8.37	Is a washing water heater fitted? If yes is it operational and state max washing water temperature:				Yes, Yes 80 Degrees Celsius	
8.38	What is the maximum number of machines that can be operated at their designed max pressure?				2	
Other Deck Equipment						
8.39	Is vessel fitted with a remote cargo tank temperature monitoring system. If yes, is it operational?				Yes, Yes	
8.40	Is vessel fitted with a remote cargo tank pressure monitoring system. If yes, is it operational?				Yes, Yes	
8.41	Is vessel fitted with a cargo tank drier. If yes is it operational and state capacity:				No, N/A	
8.42	Is vessel fitted with a cargo cooling system. If yes is it operational and state tanks applicable:				No, N/A NA	
8.43	Is steam available on deck?				Yes	

9.	**MOORING**					
9.1	Wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:					
	Main deck fwd:					
	Main deck aft:					
	Poop deck:					
9.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:					
	Main deck fwd:					
	Main deck aft:					
	Poop deck:					
9.3	Ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	45.00 Millimetres	Polyester mixed	200.00 Metres	31.00 Metric Tonnes
	Main deck fwd:					
	Main deck aft:					
	Poop deck:	4	45.00	Polyester mixed	200.00 Metres	31.00 Metric Tonnes

			Millimetres			
9.4	Other lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	2	45.00 Millimetres	Polyester mixed	200.00 Metres	31.00 Metric Tonnes
	Main deck fwd:	2	45.00 Millimetres	Polypropelene / Polyester mixed	220.00 Metres	31.00 Metric Tonnes
	Main deck aft:	1	45.00 Millimetres	8 Strands Polypropylene & Polyester Composite	200 Metres	31 Metric Tonnes
	Poop deck:	1	45 Millimetres	Polyester mixed	200 Metres	30 Metric Tonnes
9.5	Winches	No.	No. Drums	Motive Power	Brake Capacity	Type of Brake
	Forecastle:	4	Double Drums	Hydraulic	18.00 Metric Tonnes	
	Main deck fwd:					
	Main deck aft:					
	Poop deck:	4	Double Drums	Hydraulic	18.00 Metric Tonnes	
9.6	Bitts, closed chocks/fairleads		No. Bitts	SWL Bitts	No. Closed Chocks	SWL Closed Chocks
	Forecastle:		4	28 Metric Tonnes	3	63 Metric Tonnes
	Main deck fwd:		2	28 Metric Tonnes	2	13 Metric Tonnes
	Main deck aft:		2	12 Metric Tonnes	2	13 Metric Tonnes
	Poop deck:		4	28 Metric Tonnes	3	63 Metric Tonnes
Anchors/Emergency Towing System						
9.7	Number of shackles on port/starboard cable:				9/9	
9.8	Type/SWL of Emergency Towing system forward:				NA	
9.9	Type/SWL of Emergency Towing system aft:				NA	
9.10.1	What is size of closed chock and/or fairleads of enclosed type on stern					200 x 300
Escort Tug						
9.10.2	What is SWL of closed chock and/or fairleads of enclosed type on stern:					64 Metric Tonnes
9.11	What is SWL of bollard on poop deck suitable for escort tug:					28 Metric Tonnes
Lifting Equipment/Gangway						
9.12	Derrick/Crane description (Number, SWL and location):				Cranes: 1 x 2.5 Tonnes 1 x 5 T - Manifold Area (Hose Handling Crane) 1 x 2.5 T- Stern, starboard side	
9.13	Accommodation ladder direction:					
	Does vessel have a portable gangway? If yes, state length:					Yes, 6 Metres
Single Point Mooring (SPM) Equipment						
9.14	Does the vessel meet the recommendations in the latest edition of OCIMF 'Recommendations for Equipment Employed in the Bow Mooring of Conventional Tankers at Single Point Moorings (SPM)':?				No	
9.15	If fitted, how many chain stoppers:					
9.16	State type/SWL of chain stopper(s):				Not fitted	
9.17	What is the maximum size chain diameter the bow stopper(s) can handle:					
9.18	Distance between the bow fairlead and chain stopper/bracket:					0 Metres
9.19	Is bow chock and/or fairlead of enclosed type of OCIMF recommended size (600mm x 450mm)? If not, give details of size:				No size 360 x260mm	

10.	**PROPULSION**		
10.1	Speed	Maximum	Economical
	Ballast speed:	12.50 Knots (WSNP)	11 Knots (WSNP)
	Laden speed:	11.50 Knots (WSNP)	10.50 Knots (WSNP)
10.2	What type of fuel is used for main propulsion/generating plant:	Diesel	Diesel
10.3	Type/Capacity of bunker tanks:	Fuel Oil: 0 Cu. Metres	

			Diesel Oil: 261.92 Cu. Metres Gas Oil: 0 Cu. Metres	
10.4	Is vessel fitted with fixed or controllable pitch propeller(s):		Fixed	
10.5	Engines	No	Capacity	Make/Type
	Main engine:	1	1,618 Kilowatt	LH34LA Hanshin Diesel
	Aux engine:	3	265 Kilowatt	Yanmar co. ltd / 6HAL2-HTN
	Power packs:			
	Boilers:	1	2,320 Metric Tonnes/Hour	Miura / HTB -200L
Bow/Stern Thruster				
10.6	What is brake horse power of bow thruster (if fitted):		Yes, 320.00 bhp	
10.7	What is brake horse power of stern thruster (if fitted):		N/A, 0 bhp	
Emissions				
10.8	Main engine IMO NOx emission standard:		Tier I	
10.9	Energy Efficiency Design Index (EEDI) rating number:		N/A	

11.	**SHIP TO SHIP TRANSFER**	
11.1	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum, Chemicals or Liquified Gas, as applicable)?	No
11.2	What is maximum outreach of cranes/derricks outboard of the ship's side:	3.00 Metres
11.3	Date/place of last STS operation:	NA

12.	**RECENT OPERATIONAL HISTORY**	
12.1	Last three cargoes/charterers/voyages (Last/2nd Last/3rd Last):	MGO/ VLSFO
12.2	Has vessel been involved in a pollution, grounding, serious casualty, unscheduled repair or collision incident during the past 12 months? If yes, provide details:	Pollution: No, Grounding: No, Casualty: No, Repair: No, Collision: No,
12.3	Date and place of last Port State Control inspection:	28/05/2023 Piraeus Port coast guard
12.4	Any outstanding deficiencies as reported by any Port State Control? If yes, provide details:	No
12.5	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.*	More info owners
12.6	Date/Place of last SIRE inspection:	N/A
12.6.1	Date/Place of last CDI inspection:	N/A
12.7	Additional information relating to features of the ship or operational characteristics:	Nil