

1.	GENERAL INFORMATION		
1.1	Date updated:	09 June 2023	
1.2	Vessel's name:	MV Eco Angelbay	
1.3	IMO number:	9385166	
1.4	Vessel's previous name(s) and date(s) of change:	MV Zeus IV(11-May-2022) MV Lygia (10-Feb-2022) MV Orient Hope (09-Nov-2020)	
1.5	Flag:	Republic of Marshall Islands	
1.6	Port of Registry:	Majuro	
1.7	Type of vessel:	Bulk Carrier	
1.8	Type of hull:	Double Hull	
Ownership and Operation			
1.9	Registered owner - Full style:	Agricultural Paneuropean Investments Inc. Trust Company Complex, Ajeltake Road, Ajeltake Island, Majuro, Marshall Islands MH96960	
1.10	Parent company/group to which the owner belongs - Full style:	Brave Maritime Corp. Inc Appolon Business Center - Building 2 331, Kifisias Ave. 145 61 Kifisia Greece Tel +30 210 6252 849/50	
1.11	Technical operator - Full style:	Brave Maritime Corp. Inc Appolon Business Center - Building 2 331, Kifisias Ave. 145 61 Kifisia Greece Tel +30 210 6252 849/50	
1.12	Commercial operator - Full style:	Brave Maritime Corp. Inc Appolon Business Center - Building 2 331, Kifisias Ave. 145 61 Kifisia Greece Tel +30 210 6252 849/50	
1.13	Disponent owner - Full style:		
1.14	Does disponent owner have vessel on time charter or bareboat:		
1.15	Since when vessel has been under Disponent owner:		
1.16	Number of vessels in disponent owner's fleet:		
Builder			
1.17	Builder (where built) / Yard number:	The Hakodate Dock Co.,Ltd	829
1.18	Date delivered (built):	13-Oct-2009	
Classification			
1.19	Classification society:	Bureau Veritas	
1.20	Class notation:	Bulk Carrier ESP MON-SHAFT, GREEN PASSPORT, GRAB(20), INWATERSURVEY	
1.21	If Classification society changed, name of previous society:	Nippon Kaiji Kyokai	
1.22	If Classification society changed, date of change:	11-May-2022	
1.23	Date and place of last dry dock:	28/12/2022	Chalkis Shipyard
1.24	Date next dry dock is due:	20 May 2027	
1.25	Date of last special survey / next survey due:	28 December 2022	20 May 2027
1.26	Date of last annual survey / next survey due:	28 December 2022	20 August 2023
1.27	Is vessel entered in classification approved enhanced survey program?	Yes	
1.28	Does vessel comply with IACS unified requirements regarding number 1 cargo hold and double bottom tank steel structure?	Yes	
	Has this compliance been verified by the classification society?	Yes	
Dimensions			
1.29	Length Over All (LOA):	175.53 mtrs	

1.30	Length Between Perpendiculars (LBP):		167.00 mtrs	
1.31	Extreme breadth (Beam):		29.40 mtrs	
1.32	Moulded depth:		13.70 mtrs	
1.33	Keel to Masthead (KTM) / KTM in collapsed condition (if applicable):		40.33 mtrs	
1.34	Distance from waterline to top of hatch coamings or top of hatch covers if side-rolling hatches	No1. Hatch	Midships	Last Hatch
	Ballast condition: Draft: F4.50m / A 5.75m (ballast holds not flooded, basis 50% bunkers)	10.75 mtrs	10.35 mtrs	9.94 mtrs
	Full ballast condition: Draft: F7.83m / A 8.24m (ballast holds flooded, basis 50% bunkers)	n/a	n/a	n/a
	Fully laden condition: Draft: F9.64m / M9.64m / A99.64m	5.76 mtrs	5.76 mtrs	5.76 mtrs
1.35	Distance from keel to top of hatch coamings (or top of hatch covers if side-rolling hatches):	16.20 mtrs	16.20 mtrs	16.20 mtrs

Tonnages

1.36	Gross Tonnage (GT) / Net Registered Tonnage (NRT):	19,828	10,953
1.37	Suez Canal Tonnage – Gross (SCGT) / Net (SCNT):	20,233.91	18,322.37
1.38	Panama Canal Net Tonnage (PCNT):	16,554	

Loadline Information

1.39	Loadline	Deadweight	Draft	TPC
	Summer:	32,165 MT	9.64 mtr	45.22
	Winter:	31,263 MT	9.44 mtr	45.04
	Winter North Atlantic:	31,263 MT	9.44 mtr	45.04
	Fresh water:	32,164 MT	9.858 mtr	45.40
	Tropical:	33,071 MT	9.84 mtr	45.39
	Tropical fresh water:	33,051 MT	10.058 mtr	45.56
	Full Ballast condition: Draft: F4.50m / A5.75m (ballast holds not flooded, basis 50% bunkers) (about)	12,720 MT	5.14 mtr	41.59
	Lightship: 7385 MT Draft: F 0.90m / A3.22 m Displacement :7385 MT			
	FWA at summer draft:		218 MM	
	TPC on summer draft		45.22	

Is vessel fitted for:

1.40	Transit of Panama Canal?	Yes
	If yes, state deadweight all told on 39ft 6in / 12.039m (SG 0.9954):	9.64M (SG 0.9954 = 30939T)
	If yes, is Panama deadweight all told affected by vessel's bilge turn radius?	No
1.41	Transit of Suez Canal?	Yes
1.42	Transit of St. Lawrence Seaway?	No
	If yes, state deadweight all told on 26ft / 7.92m fresh water:	

Recent Operational History

1.43	Has vessel been involved in a pollution, grounding, serious casualty or collision incident during the past 12 months? If yes, give details: NO	Pollution: No Grounding: No Casualty: No Collision: No
1.44	Voyage History	
	Voy#	Charterer
	Last:	Lago Shipping
	2 nd :	Orca
	3 rd :	XO Shipping
	4 th :	Acct Seacape
	5 th :	
1.45	Specify the security level at which the ship is currently operating (ISSC):	Security Level 1

2.	CERTIFICATION	Issued	Last Annual	Expires
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2.1	Safety Equipment Certificate:	28-Dec-2022		20-May-2027
2.2	Safety Radio Certificate:	28-Dec-2022		20-May-2027
2.3	Safety Construction Certificate:	21-Apr-2023		20-May-2027
2.4	Loadline Certificate:	28-Dec-2022		20-May-2027
2.5	Safety Management Certificate (SMC):	28-Dec-2022		10-Nov-2027
2.6	Document of Compliance (DOC): D187155-071221F-MLT	08-Nov-2021	11-Oct-2022	21-Jul-2026
2.7	Cargo Gear survey:	11-May-2022		11-May-2027
2.8	Cargo securing manual:	11-May-2022		
2.9	International Oil Pollution Prevention Certificate (IOPPC):	28-Dec-2022		20-May-2027
2.10	Ship Sanitation Control (SSCC) / Ship Sanitation Control Exemption (SSCE) Certificate	16-Feb-2023		16-Aug-2023
2.11	USCG COFR:	-	-	-
2.12	International Ship Security Certificate (ISSC):	28-Dec-2022		10-Nov-2027

3.	CREW MANAGEMENT		
3.1	Number of Officers: (including Master)		9
3.2	Number of crew:		11
3.3	Name and nationality of Master:		FILIPINO
3.4	Nationality of Officers:		FILIPINO
3.5	Nationality of crew:		FILIPINO
3.6	What is the common working language onboard:		ENGLISH
3.7	Do officers speak and understand English?		YES

4.	SAFETY MANAGEMENT		
4.1	Is the vessel ISM certified?		YES
4.2	Document of Compliance (DOC) certificate number / issuing authority:	PIR 2111891/MAI	LLOYDS REGISTER
4.3	Safety Management (SMC) certificate number / issuing authority:	2181033	LLOYDS REGISTER
	State outstanding recommendations, if any:		No
4.4	Is the vessel operated under a Quality Management System?		Yes
	If Yes, what type of system (ISO9002 or IMO Resolution A.741(18)):		IMO Resolution A.741(18)

5.	CARGO ARRANGEMENTS		
Holds			
5.1	Number of holds:		5
5.2	Hold dimensions: L x B x H	Hold 1: 25.25 x 12.42(F) / 28.99(A) x 12.66 Holds 2-3-4: 28.05 x 25.50 x 12.66 Hold 5: 27.20 x 29.40(F) / 10.0(A) x 12.66	
5.3	Are vessel's holds clear and free of any obstructions?		Yes
5.4	Capacity, by hold, excluding wing/topside tanks but including hatchways:	Grain	Bale
	HOLD #1	6678.59 cu. m	6472.89 cu. m
	HOLD #2	9077.99 cu. m	8749.24 cu. m
	HOLD #3	9077.99 cu. m	8752.43 cu. m
	HOLD #4	9077.99 cu. m	8752.42 cu. m
	HOLD #5	8744.28 cu. m	8368.31 cu. m
	HOLD #6		
	HOLD #7		
	HOLD #8		
	HOLD #9		
	Total:	42,656.84 cu. m	41,095.29 cu. m

5.5	Is vessel strengthened for the carriage of heavy cargoes?	Yes
5.6	If yes, state which holds may be left empty:	2 & 4
5.7	Is tanktop steel suitable for grab discharge?	Yes
5.8	State whether bulkhead corrugations are vertical or horizontal:	Vertical
5.9	Tanktop strength:	Hold 1: 13.23 sqm Hold 2-3-4: 13.42 sqm Hold 5: 13.48 sqm
5.10	Are holds CO2 fitted?	No
5.11	Are holds fitted with smoke detection system?	No
5.12	Is vessel fitted with Australian type approved holds ladders?	Yes
5.13	Has vessel a functioning class certified loadmaster/loadicator or similar calculator?	Yes
5.14	Are holds hopped at:	
	Forward bulkhead?	No
	Aft bulkhead?	No
5.15	Can vessel's holds be described as box shaped?	Yes. Holds 2-3-4
5.16	Measurement of any tank slopes/hoppering: (height and distance from vessel's side at tank top)	H5: H=4.20m D=6.0m(Aft part)
5.17	Flat floor measurement of cargo holds at tank top: L x W	Hold 1: 25.25(L) x 5.3(F) / 25.5(A) m Hold 2-3-4: 27.05(L) x 25.5(B) m Hold 5: 26.20(L) x 25.5(F) x 10.0(A) m
5.18	Are vessel's holds electrically ventilated?	No
	If yes, state number of air-changes per hour basis empty holds:	-
5.19	Type of hold paint:	Pure Epoxy-Based Anti-Corrosive Paint
5.20	Is vessel fitted for carriage of grain in accordance with chapter V1 of SOLAS 1974 and amendments without requiring bagging, strapping and securing when loading a full cargo (deadweight) of heavy grain in bulk (stowage factor 42 cu. Feet) with ends untrimmed?	Yes
5.21	Is the vessel fitted with A60 Steel Bulkhead?	Yes
Deck and Hatches		
5.22	Number of hatches:	5
5.23	Make and type of hatch covers:	Mac Gregor Folding Type
5.24	Hatch dimensions: (Length X Breadth)	Hatch 1: 12.75(L) x 15.0(B) Hatch 2-3-4-5 19.55(L) x 19.6(B)
5.25	Hatch span (distance from front of forward hatch#1 to aft of rear hatch#5):	102.90 mtr
5.26	Strength of hatch covers:	No1Hatch 24.5kn/m2 No2-5Hatches 28.2 kn/m2
5.27	Number, diameter and location of cement holes	Hatch 1-2-3-4-5 (700mm x 2) Fwd and Aft Panel
5.28	Distance from ship's rail to near and far edge of hatch covers/coaming near and far (Please advise the minimum width clear of any obstruction for each hold):	
5.29	Distance from bow to fore of 1 st hold opening:	19.00 mtr
5.30	Distance from stern to aft of last hold opening:	31.20 mtr
5.31	State deck strength:	4.0 sq.m
Ballast		
5.32	Capacity of ballast tanks (100%):	FPT: 491.77 WBT 1 P&S: 1070.69 WBT 2 P&S: 808.69 WBT 3 P&S: 803.53 WBT 4 P&S: 558.04 WBT 5 P&S: 297.3 TST 1 P&S: 313.18 TST 2 P&S: 316.44 TST 3 P&S: 316.44 TST 4 P&S: 304.8

		TST 5 P&S: 739.44 APT: 220.25 TOTAL: 11,521.45 cu. m
5.33	Ballast holds capacity, state which hold(s):	None
5.34 5.35	Vessel's ballasting time / rate of ballasting / Vessel's deballasting time / rate of deballasting	450 cu. m / hr
5.36	Unpumpable quantity:	Abt 100 MT

6.	CARGO GEAR (ONLY TO BE COMPLETED IF APPLICABLE)		
6.1	If geared state make and type:	Mitsubishi / Electro Hydraulic	
6.2	Number/location of derricks cranes:	4 / Centre line	
6.3	Maximum outreach of gear beyond ships rail	9.30 mtr	
6.4	Maximum outreach of gear beyond ships rail with maximum cargo lift on hook:	9.30 mtr	
6.5	If gantry cranes/horizontal slewing cranes - state minimum clearance distance crane hook to top of hatch coaming:	-	
6.6	Time needed for full cycle with maximum cargo lift on hook:		
6.7	Hoisting time of gear: (Load / Metres Minutes)	Hook Grab	18.5 meters / minute
6.8	Luffing time of gear:	48 Seconds	
6.9	Slewing time of gear:	0.7 rpm	
6.10	Is gear combinable for heavy lift?	No	
6.11	Are winches electro-hydraulic?	Yes	
6.12	If vessel has grabs on board - state:	No	
	Type:	-	
	Weight:	-	
	Lifting Capacity:	-	
	Power source of grabs:	-	-
	Location of power source:	-	
6.13	Does vessel have enough power to run 4 cranes and 4 shore grabs (if applicable). If not pls state how many?	Yes	
6.14	Is vessel fitted with sufficient lights at each hatch for night work?	Yes	
6.15	Is vessel logs fitted?	Yes	
	If yes, state number, type and height of stanchions/sockets, if on board:	6 / Fixed Type	
6.16	Is vessel log racks fitted?	Yes	
6.17	Timber Loadline (if applicable)	Deadweight	Draft
	Summer:	33,275 MT	9.640 mtr
	Winter:	32,034 MT	9.611 mtr
	Winter North Atlantic:	31,263 MT	9.440 mtr
	Fresh water:	33,274 MT	9.858 mtr
	Tropical:	34,213 MT	9.840 mtr
	Tropical fresh water:	34,192 MT	10.058 mtr

7.			
7.1	Capacity in direct stow of TEU/FEU basis empty tanks:	N/A	N/A
	Capacity in direct stow of TEU/FEU basis full tanks:	N/A	N/A
7.2	Are all containers within reach of vessel's gear?	N/A	
7.3	If no, state self sustained capacity:	-	
7.4	If vessel fitted with all permanent and loose fittings/lashing materials for above number of TEU/FEU?	N/A	
7.5	Is vessel fitted with recessed holes/shoes on tanktop and container shoes on weatherdeck and hatch covers?	N/A	
7.6	Advise stack weights and number of tiers on/under deck per TEU:	N/A	

	Advise stack weights and number of tiers on/under deck per FEU:	N/A
7.7	Has vessel a container spreader on board?	No
7.8	Number and type of reefer plugs:	None

8.	ENGINE ROOM, SPEED AND CONSUMPTION	
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8.1	Is vessel fitted with a shaft generator?	No
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Engine Room	
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8.2	Engine make/model and type:	Mitsubishi - 6UEC45LSE
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8.3	BHP / RPM of main engine at MCR:	6840 BHp	129 rpm
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8.4	BHP / RPM of main engine at NCR (as % of MCR):	5814 BHp	122.2 rpm
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8.5	GENERATORS :	2 Sets
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Fuel	
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8.5	What type/viscosity of fuel is used for main propulsion:	IFO: ISO 8217:2010 RMG 380 , LSMGO: ISO 8217:2010 DMA
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	Capacity (100%) of main engine bunker tanks (excluding unpumpables):	Tank #1: 595.75 cu.m Tank #2: 594.42 cu.m Tank #3: 209.8 cu.m Tank #4: 105.26 cu.m Tank #5: Tank #6: 105.26 cu.m Tank #7:
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8.6	What type/viscosity of fuel is used in the generating plant:	VLSFO
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	Capacity (100%) of aux engine(s) bunker tanks (excluding unpumpables):	Tank #1: 17.95 cu.m Tank #2: 17.55 cu.m Tank #3: 17.55 cu.m Tank #4: 20.91 cu.m Tank #5: 28.37 cu.m
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Speed	
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8.7	Ballast:	
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	Laden:	
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Consumptions	
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8.8	Passage	Main	Aux
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	Ballast:		
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	Laden:		
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8.9	In Port		
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	Working:		
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	Idle:		
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	Other (specify):		
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9.	MISCELLANEOUS	
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Communications and Electronics	
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9.1	Call sign:	V7A5502
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9.2	Vessel's INMARSAT – C number:	+453 851 677
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9.3	Vessel's telephone number:	+870 773 284 799
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9.4	Vessel's fax number:	-
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9.5	Vessel's email address:	ecoangelbay@brave.gr
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9.6	Vessel's MMSI No. (Maritime Mobile Selective call Identity Code):	538010038
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9.7	Vessel's onboard electrical supply (V / Hz):	110V & 440 V / 60Hz
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Constants/Fresh Water	
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9.8	Constants excluding fresh water:	200 MT
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9.9	Daily freshwater consumption:	3-5 MT
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9.10	Fresh water capacity:	226 MT
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9.11	State daily production of evaporator:	12 MT/Day
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9.12	Normal fresh water reserve:	50 MT
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Insurance		
9.13	P & I Club - Full style:	North of England
9.14	P & I Club coverage:	Oil Pollution / Wreck Removal
9.15	Where is the owners hull and machinery placed:	
9.16	Hull & Machinery insured value:	
Vetting		
9.17	Is the vessel RIGHTSHIP approved:	Yes
9.18	Date/Place of last RIGHTSHIP Inspection:	N/A
Port State Control		
9.19	Date and place of last Port State Control inspection:	03-March-2023 / San Francisco do Sul
9.20	Has the vessel been detained by Port State Control in the last 12 months?	No
	Any outstanding deficiencies as reported by any Port State Control. If yes, provide details:	No
9.21	Any Australian Maritime Safety Authority (AMSA) detentions or noted deficiencies. If so, please advise details and specify when/where these items were repaired.	No
10. SUPPLEMENTARY INFORMATION FOR SPECIFIC COMMODITIES/TRADES		
10.1		