

SURVEY RECORD

Particulars of Ship

Ship's Name:	AKSON SERIN	IMO No.:	9275311
Flag:	Panama	Registered GT:	28,171
Distinctive Number or Letters:	3FAM6		

Particulars of Survey

Survey Office:	Piraeus Office		
Survey Place:	Thessaloniki, Greece & Cindemir S/Y		DryDock
First Visit Date:	17 Dec 2024	Last Visit Date:	09 Jan 2025

The undersigned have carried out the following surveys in accordance with the relevant Rules and found the ship to be fit to maintain her class subject to observance of the Conditions as noted below.

Condition:	None
Note:	None
Information:	None

Surveyors

D. Kakouris	Electronically Signed on 09 Jan 2025
A. Xenos	Electronically Signed on 09 Jan 2025

Surveys

Name	Status	Condition (New)	Note (New)
Class Intermediate Survey	Complete		
Planned Machinery Survey	Complete		
Docking Survey	Complete		
No.1 Boiler Survey	Complete		
Automatic & Remote Control Systems Annual Survey	Complete		
CHG Annual Thorough Survey	Complete		
Load Line Annual Survey	Complete		
Safety Construction Intermediate Survey	Complete		
Safety Equipment Periodical / Intermediate Survey	Complete		
Safety Radio Periodical Survey	Complete		
OPP (MARPOL Annex I) Intermediate Survey	Complete		
APP (MARPOL Annex VI) Intermediate Survey	Complete		
AFS Periodical Survey	Complete		
BWM Intermediate Survey	Complete		

Certificates

Name	Kind	Issue/ Extend	Endorse	Expiry Date
Class	Final		Yes	31 Mar 2027
Load Line	Final		Yes	31 Mar 2027
Safety Construction	Final		Yes	31 Mar 2027
Safety Equipment	Final		Yes	31 Mar 2027
Safety Radio	Final		Yes	31 Mar 2027
OPP (MARPOL Annex I)	Final		Yes	31 Mar 2027
APP (MARPOL Annex VI)	Final	Issue	Yes	31 Mar 2027
Anti-Fouling System	Final		Yes	
Ballast Water Management	Final		Yes	31 Mar 2027

Condition

None

Note

Statutory APP Closed

Sampling point(s) referred to MARPOL ANNEX VI Regulation 14.10 shall be fitted or designated not later than the first renewal survey of IAPP certificate on or after 1 April 2023.

Narrative: It was confirmed that the sampling points of in-use fuel oil were fitted or designated in accordance with the amended regulation 14 of MARPOL Annex VI (MEPC.324(75)).

History: Set out on 01 Apr 2022 at Head Office
Cleared on 09 Jan 2025 at Piraeus

Information

None

Remark

None

Hull Survey

(Abbreviation)

IE:	Internal Examination	X: Complete I: Incomplete D: Dispensed with in compliance with the regulations
PR:	Pressure Test	
CU:	Close-up Survey	
TM:	Thickness Measurement	
CC:	Coating Condition	G: Good F: Fair P: Poor
SA:	Suspect Area	S: Tanks and Spaces identified as "Suspect Area"
RM:	Remark, etc.	R: See Remark/Condition/Note/Information above

Summary for Hull Compartments

Name	Fr. No.	IE	PR	CC	CU	TM	SA	RM
FORE PEAK TANK (WB)	216 - 231	X		G	X	X		

Name	Fr. No.	IE	PR	CC	CU	TM	SA	RM
AFTER PEAK TANK (WB)	-4 - 10	X		G	X	X		
NO.3 DEEP T./ HOLD	105 - 142	X		G	X	X		
NO.1 W B T (TOP SIDE) (P)	179 - 216	X		G	X	X		
NO.1 W B T (TOP SIDE) (S)	179 - 216	X		G	X	X		
NO.2 W B T (TOP SIDE) (P)	142 - 179	X		G	X	X		
NO.2 W B T (TOP SIDE) (S)	142 - 179	X		G	X	X		
NO.3 W B T (TOP SIDE) (P)	105 - 142	X		G	X	X		
NO.3 W B T (TOP SIDE) (S)	105 - 142	X		G	X	X		
NO.4 W B T (TOP SIDE) (P)	68 - 105	X		G	X	X		
NO.4 W B T (TOP SIDE) (S)	68 - 105	X		G	X	X		
NO.5 W B T (TOP SIDE) (P)	40 - 68	X		G	X	X		
NO.1 W B T (BILGE HOPPER) (P)	179 - 216	X		G	X	X		
NO.1 W B T (BILGE HOPPER) (S)	179 - 216	X		G	X	X		
NO.2 W B T (BILGE HOPPER) (P)	142 - 179	X		G	X	X		
NO.2 W B T (BILGE HOPPER) (S)	142 - 179	X		G	X	X		
NO.3 W B T (BILGE HOPPER) (P)	105 - 142	X		G	X	X		
NO.3 W B T (BILGE HOPPER) (S)	105 - 142	X		G	X	X		
NO.4 W B T (BILGE HOPPER) (P)	67 - 105	X		G	X	X		
NO.4 W B T (BILGE HOPPER) (S)	67 - 105	X		G	X	X		
NO.5 W B T (BILGE HOPPER) (P)	31 - 67	X		G	X	X		
NO.5 W B T (BILGE HOPPER) (S)	31 - 67	X		G	X	X		
NO.1 CARGO HOLD	179 - 216	X			X	X		
NO.2 CARGO HOLD	142 - 179	X			X	X		
NO.4 CARGO HOLD	67 - 105	X			X	X		
NO.5 CARGO HOLD	32 - 67	X			X	X		
COOLING W. T	8 - 10	X						
NO.1 VOID SPACE (BHD HOPPER) (UPP)	179 - 180	X						
NO.1 VOID SPACE (BHD HOPPER) (LOW)	179 - 183	X						
NO.2 VOID SPACE (BHD HOPPER) (UPP)	142 - 143	X						
NO.2 VOID SPACE (BHD HOPPER) (LOW)	142 - 145	X						
NO.3 VOID SPACE (BHD HOPPER) (UPP)	105 - 106	X						
NO.3 VOID SPACE (BHD HOPPER) (LOW)	105 - 108	X						
NO.4 VOID SPACE (BHD HOPPER) (UPP)	67 - 68	X						
NO.4 VOID SPACE (BHD HOPPER) (LOW)	67 - 70	X						
ENGINE ROOM	10 - 32	X						
BILGE T (D.BOTTOM) IN E/R	10 - 16	X						
BILGE SEP.O T (D.BOTTOM) IN E/R	19 - 25	X						
CHAIN LOCKER	216 - 218	X						
BOS'N STORE	216 - AE	X						
STEERING ENGINE ROOM	AE - 10	X						
RUDDER TRUNK	-2 - 1	X						
SEWAGE TREATED W.T.(S)	40 - 68	X						

Close-up Survey & Thickness Measurement (Hull Compartments)

Note: RM (Remark, etc.) is integrated into Summary for Hull Compartments above.

Name	CU	TM	ID (Fr. No. / Location)
Trans. Web or Similar in Water Ballast Tank			
FORE PEAK TANK (WB)	X	X	All
AFTER PEAK TANK (WB)	X	X	All
NO.1 W B T (TOP SIDE) (P)	X	X	All
NO.1 W B T (TOP SIDE) (S)	X	X	All
NO.2 W B T (TOP SIDE) (P)	X	X	All
NO.2 W B T (TOP SIDE) (S)	X	X	All
NO.3 W B T (TOP SIDE) (P)	X	X	All
NO.3 W B T (TOP SIDE) (S)	X	X	All
NO.4 W B T (TOP SIDE) (P)	X	X	All
NO.4 W B T (TOP SIDE) (S)	X	X	All
NO.5 W B T (TOP SIDE) (P)	X	X	All
NO.1 W B T (BILGE HOPPER) (P)	X	X	All
NO.1 W B T (BILGE HOPPER) (S)	X	X	All
NO.2 W B T (BILGE HOPPER) (P)	X	X	All
NO.2 W B T (BILGE HOPPER) (S)	X	X	All
NO.3 W B T (BILGE HOPPER) (P)	X	X	All
NO.3 W B T (BILGE HOPPER) (S)	X	X	All
NO.4 W B T (BILGE HOPPER) (P)	X	X	All
NO.4 W B T (BILGE HOPPER) (S)	X	X	All
NO.5 W B T (BILGE HOPPER) (P)	X	X	All
NO.5 W B T (BILGE HOPPER) (S)	X	X	All
Trans. BHD in Water Ballast Tank			
FORE PEAK TANK (WB)	X	X	All
AFTER PEAK TANK (WB)	X	X	All
NO.1 W B T (TOP SIDE) (P)	X	X	All
NO.1 W B T (TOP SIDE) (S)	X	X	All
NO.2 W B T (TOP SIDE) (P)	X	X	All
NO.2 W B T (TOP SIDE) (S)	X	X	All
NO.3 W B T (TOP SIDE) (P)	X	X	All
NO.3 W B T (TOP SIDE) (S)	X	X	All
NO.4 W B T (TOP SIDE) (P)	X	X	All
NO.4 W B T (TOP SIDE) (S)	X	X	All
NO.5 W B T (TOP SIDE) (P)	X	X	All
NO.1 W B T (BILGE HOPPER) (P)	X	X	All
NO.1 W B T (BILGE HOPPER) (S)	X	X	All
NO.2 W B T (BILGE HOPPER) (P)	X	X	All
NO.2 W B T (BILGE HOPPER) (S)	X	X	All
NO.3 W B T (BILGE HOPPER) (P)	X	X	All
NO.3 W B T (BILGE HOPPER) (S)	X	X	All
NO.4 W B T (BILGE HOPPER) (P)	X	X	All
NO.4 W B T (BILGE HOPPER) (S)	X	X	All
NO.5 W B T (BILGE HOPPER) (P)	X	X	All

Name	CU	TM	ID (Fr. No. / Location)
NO.5 W B T (BILGE HOPPER) (S)	X	X	All
Shell Frame in Cargo Hold			
NO.3 DEEP T./ HOLD	X	X	All
NO.1 CARGO HOLD	X	X	All
NO.2 CARGO HOLD	X	X	All
NO.4 CARGO HOLD	X	X	All
NO.5 CARGO HOLD	X	X	All
Trans. BHD in Cargo Hold			
NO.3 DEEP T./ HOLD	X	X	All
NO.1 CARGO HOLD	X	X	All
NO.2 CARGO HOLD	X	X	All
NO.4 CARGO HOLD	X	X	All
NO.5 CARGO HOLD	X	X	All
Deck in Cargo Hold			
NO.3 DEEP T./ HOLD	X	X	All
NO.1 CARGO HOLD	X	X	All
NO.2 CARGO HOLD	X	X	All
NO.4 CARGO HOLD	X	X	All
NO.5 CARGO HOLD	X	X	All
Pipe in Cargo Hold			
NO.3 DEEP T./ HOLD	X		All
NO.1 CARGO HOLD	X		All
NO.2 CARGO HOLD	X		All
NO.4 CARGO HOLD	X		All
NO.5 CARGO HOLD	X		All

Close-up Survey & Thickness Measurement (Other Members)

Name	CU	TM	RM
All hatch covers, coamings and stiffeners	X	X	
Each deck plate outside line of cargo hatch openings within cargo length area		X	
Three trans. sections within cargo length area		X	
Each bottom plate within cargo length area		X	
All wind and water strakes		X	
All exposed main deck plates outside cargo length area		X	
Representative exposed superstructure deck plates (poop, bridge and forecastle deck)		X	
All keel plates and appropriate number of bottom plates iwo cofferdam, machinery space and aft end of tank		X	
Plates of sea chest		X	

Thickness Measurement for Trans. Sections

Fr. No.	Satisfy Criteria
1	Yes
2	Yes
3	Yes

Means of Access for Close-up Survey

Name		Means of Access
Water Ballast Tank	Trans. Web or Similar	Direct Access
Water Ballast Tank	Trans. BHD	Direct Access
Cargo Hold	Shell Frame	Cherry Picker
Cargo Hold	Trans. BHD	Cherry Picker
Cargo Hold	Deck	Cherry Picker, Direct Access
Cargo Hold	Pipe	Cherry Picker

Firm Engaged in Thickness Measurement

Name of Firm: ACE MARINE

TM Report No.: 12xxxx/24

Machinery Survey

(Abbreviation)

SYS:	CMS: Continuous Machinery Survey PMS: Planned Machinery Maint. Scheme CBM: Condition Based Maint. Scheme CBM*: Condition Monitoring Maint. Method under PMS	
AP:	Applicable kind of survey	1: X, E or G 2: X or E 3: X only 4(for CBM/CBM*): V or O
EX:	Kind of survey applied this time	X: Open-up examination and/or test E: Overhaul inspection by Chief Engineer and confirmation by Surveyor G: Examination in working condition and/or externally V: Verification of monitoring record O: Verification of monitoring record and open-up examination P: Postponed
RM:	Remark, etc.	R: See Remark/Condition/Note/Information above
Ex by C/E:	Year and month of overhaul inspection by qualified Chief Engineer	

Machinery Items

Name	SYS	AP	EX	RM	Ex by C/E	Postponed
Main Diesel Engine Type & No.: 6RTA48T x 1						
NO.1 CYLINDER COVER OF M/E	CMS	2	E		Dec 2024	
NO.2 CYLINDER COVER OF M/E	CMS	2	E		Dec 2024	
NO.6 CYLINDER COVER OF M/E	CMS	2	E		Dec 2024	
NO.1 CYLINDER LINER OF M/E	CMS	2	E		Dec 2024	
NO.2 CYLINDER LINER OF M/E	CMS	2	E		Dec 2024	
NO.6 CYLINDER LINER OF M/E	CMS	2	E		Dec 2024	
NO.1 PISTON OF M/E	CMS	2	E		Dec 2024	
NO.2 PISTON OF M/E	CMS	2	E		Dec 2024	
NO.6 PISTON OF M/E	CMS	2	E		Dec 2024	
NO.1 CROSSHEAD PIN & BEARING OF M/E	CMS	2	E		Dec 2024	
NO.2 CROSSHEAD PIN & BEARING OF M/E	CMS	2	E		Dec 2024	
NO.6 CROSSHEAD PIN & BEARING OF M/E	CMS	2	E		Dec 2024	
NO.1 CRANKPIN & BEARING OF M/E	CMS	2	E		Dec 2024	
NO.2 CRANKPIN & BEARING OF M/E	CMS	2	E		Dec 2024	
NO.4 CRANKPIN & BEARING OF M/E	CMS	2	E		Dec 2024	
NO.6 CRANKPIN & BEARING OF M/E	CMS	2	E		Dec 2024	
NO.1 CRANKJOURNAL & BEARING OF M/E	CMS	2	E		Dec 2024	

Name	SYS	AP	EX	RM	Ex by C/E	Postponed
NO.2 CRANKJOURNAL & BEARING OF M/E	CMS	2	E		Dec 2024	
NO.6 CRANKJOURNAL & BEARING OF M/E	CMS	2	E		Dec 2024	
NO.7 CRANKJOURNAL & BEARING OF M/E	CMS	2	E		Dec 2024	
NO.8 CRANKJOURNAL & BEARING OF M/E	CMS	2	E		Dec 2024	
TURBO CHARGER OF M/E	CMS	2	X			

Shafting & Auxiliary. Engine

THRUST SHAFT & BEARING	CMS	2	X			
NO.1 MAIN GENERATOR DIESEL ENGINE	CMS	2	E		Dec 2024	
NO.2 MAIN GENERATOR DIESEL ENGINE	CMS	2	E		Dec 2024	
EMERGENCY GENERATOR DIESEL ENGINE	CMS	1	G			

Pump, Compressor & Fan

BALLAST PUMP	CMS	2	E		Dec 2024	
NO.2 FIRE & G.S. PUMP	CMS	2	E		Dec 2024	
COOL. S.W. PUMP	CMS	2	E		Dec 2024	
NO.1 JACKET COOL. F.W. PUMP	CMS	1	G			
NO.1 BOILER FEED WATER PUMP	CMS	2	E		Dec 2024	
NO.2 F.O. FEED PUMP	CMS	1	G			
NO.1 F.O. BOOSTER PUMP	CMS	1	G			
NO.2 F.O. BOOSTER PUMP	CMS	1	G			
NO.1 MAIN L.O. PUMP	CMS	1	G			
NO.2 MAIN L.O. PUMP	CMS	1	G			
NO.1 CROSSHEAD L.O. PUMP	CMS	1	G			
NO.1 MAIN AIR COMPRESSOR	CMS	2	E		Dec 2024	

Heat Exchanger, Independent Tank & Air Reservoir

JACKET COOL. F.W. COOLER	CMS	2	E		Dec 2024	
NO.1 F.O. HEATER FOR M/E	CMS	1	G			
NO.2 F.O. HEATER FOR M/E	CMS	1	G			
F.O. SETTLING TANK	CMS	1	G			

Deck Machinery

NO.1 HYDR. PUMP OF STEERING GEAR	CMS	1	G			
NO.1 HYDR. PUMP FOR WINDLASS, MOOR.WINCH	CMS	1	G			
NO.2 HYDR. PUMP FOR WINDLASS, MOOR.WINCH	CMS	1	G			
NO.3 HYDR. PUMP FOR WINDLASS, MOOR.WINCH	CMS	1	G			
NO.4 HYDR. PUMP FOR WINDLASS, MOOR.WINCH	CMS	1	G			

Technical Data

Rudder Bearing - Clearance

Readings (mm)	F-A	P-S	Bush Renewed
Neck Bearing	0.30	0.70	No
Lower Pintle	1.40	1.90	No

Propeller Shaft Bearing - Wear	Shaft ID : 1
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Survey Condition:	Propeller shaft withdrawn: No NDE for propeller connection: No Maintenance work which may affect the readings No	
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Readings (mm)	(1) Not withdrawn or Bef. withdrawn / maintenance	(2) After re-installation / maintenance or At new shipbuilding	(3) Last Record Rec. No.: 22IT0161 Date: 01 Apr 2022	Wear [= (1) minus (3)]
Top	74.60		74.30	+0.30
Bottom	74.90		75.10	-0.20
Reference Point	"A" Blade Top		"A" Blade Top	

Cargo Handling Gear (CHG) Survey

Annual Thorough Survey / Registration Survey

Name	Survey	Postponed
DECK CRANE FOR NO.1 HATCHWAY (AFT.,CENTER) OR NO.2 HATCHWAY(FORE,CENTER)	CHG Annual Thorough Survey	
DECK CRANE FOR NO.2 HATCHWAY (AFT.,CENTER) OR NO.3 HATCHWAY(FORE,CENTER)	CHG Annual Thorough Survey	
DECK CRANE FOR NO.3 HATCHWAY (AFT.,CENTER) OR NO.4 HATCHWAY(FORE,CENTER)	CHG Annual Thorough Survey	
DECK CRANE FOR NO.4 HATCHWAY (AFT.,CENTER) OR NO.5 HATCHWAY(FORE,CENTER)	CHG Annual Thorough Survey	
GENERAL USE CRANE AT FR.NO.10 (P SIDE)	CHG Annual Thorough Survey	
OVERHEAD TRAVELLING CRANE IN ENGINE ROOM	CHG Annual Thorough Survey	