

## Vessel information

### 1. Identity

1.1. Vessel's Name Aries (ARIE)	1.2. Vessel's Type Short Volgo-Don	1.3. IMO No 8862820	1.4. Call sign UEMA
1.5. Official/Registry No 8863	1.6. Port of Registry Taganrog	1.7. Flag Russia	1.8. MMSI Number 273319500

### 2. Ownership. Operation

2.1. Former's name(s) Volgo Don 237 Address	2.2. Owners N/A N/A	2.3. Managers Vassilev Maritime Nak. Ve Dis Tic. Ltd. Sti. N/A	2.4. Bareboat Charterers N/A N/A
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### 3. Cargo Spaces

#### 3.1. Holds

No	1. Length (m)	2. Breadth (m)	3. Height (m)	4. Grain Capacity (m <sup>3</sup> )	4. Bale Capacity (m <sup>3</sup> )	6. On tank top mts/m <sup>2</sup>
1	28.80	12.30	5.60	2038.00	2038.00	5.50
2	28.80	12.30	5.60	2090.00	2090.00	5.50
<b>Total</b>				<b>4128.00</b>	<b>4128.00</b>	

#### 3.2. Hatch Covers

No	1. Length (m)	2. Breadth (m)	3. Height (m)	4. Hatch Cover's Type	5. On deck(mts/m <sup>2</sup> )
1	14.40	13.10	0.50	Piggy back	1.75
2	14.40	13.10	0.50	Piggy back	1.75
3	14.40	13.10	0.50	Piggy back	1.75
4	14.40	13.10	0.50	Piggy back	1.75

#### 3.3. Cargo Tanks

No	1. Description	2. Capacity m <sup>3</sup>
<b>Total</b>		<b>0.00</b>

#### 3.4. Container Capacity

1. Total (teu)	2. Under deck (teu)	3. On deck (teu)
0	0	0

### 4. Classification

4.1. Classification Society Russian Maritime Register Of Shipping	4.2. Class Annotation KM*ice1R2 - RSN	4.3. Class society reg. number 804070
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### 5. Cranes, derricks, winches, pumps

#### 5.1. Winches

No	1. SWL
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#### 5.2. Cranes

No	1. SWL
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#### 5.3. Description

No	1. SWL
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### 5. Cranes, derricks, winches, pumps

#### 5.4. Ballast Pumps

No	1. Capacity (t/h)	
1		250
2		250
<b>Total</b>		<b>500</b>

#### 5.5. Bow thruster (yes/no)

Yes

### 6. Hull

6.1. Year of built 1980	6.2. Shipbuilders OKA Shipyard		
6.3. Place of built Navashino, Russia	6.4. Yard No 1135	6.5. Length (o.a.)(m) 107.10	6.6. Breadth (extreme) (m) 16.50
6.7. Summer draft (m) 3.48	6.8. Length (b.p.) (m) 103.80	6.9. Breadth (moulded) (m) 16.50	6.10. Depth (moulded) (m) 5.50
6.11. Free board (m) 2.02	6.12. Number of decks 1.00	6.13. Thickness of keel (mm) 8.00	6.14. Bulbous bows No
6.15. Project No 507	6.16. Project Description		

#### 6.17. Superstructures

No	1. Position
1	Aft

#### 6.18. Balast tanks

No	1. Description	2. Capacity (m <sup>3</sup> )
1		57.60
2		523.00
3		523.00
4		513.00
5		513.00
<b>Total</b>		<b>2129.60</b>

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### 6. Hull

#### 6.19. IFO tanks

No	1. Description	2. Capacity (m <sup>3</sup> )
<b>Total</b>		<b>0.00</b>

#### 6.20. GO tanks

No	1. Description	2. Capacity (m <sup>3</sup> )
1		65.00
2		22.00
3		22.00
4		38.80
5		24.80
6		14.40
7		8.00
<b>Total</b>		<b>195.00</b>

#### 6.21. Slop tanks

No	1. Description	2. Capacity (m <sup>3</sup> )
1		13.60
<b>Total</b>		<b>13.60</b>

#### 6.22. Lubrication oil

No	1. Description	2. Capacity (m <sup>3</sup> )
1		5.00
2		5.00
3		3.50
<b>Total</b>		<b>13.50</b>

#### 6.23. Fresh water tanks

No	1. Description	2. Capacity (m <sup>3</sup> )
1		41.80
2		117.00
<b>Total</b>		<b>158.80</b>

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### 6. Hull

#### 6.24. Deep tanks

No	1. Description	2. Capacity (m <sup>3</sup> )
1		396.00
<b>Total</b>		<b>396.00</b>

### 7. Life-saving appliances equipment

#### 7.1. Life-boats

No	1. Manufactured by	s. Serial number	3. Passanger capacity (prs)
1	USSR	829	14
2	USSR	869	14

#### 7.2. Rescue boats

No	1. Manufactured by	s. Serial number	3. Passanger capacity (prs)
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#### 7.3. Life rafts

No	1. Manufactured by	s. Serial number	3. Passanger capacity (prs)
1	OAO "UZEMIK"	07520293	10
2	OAO "UZEMIK"	06100293	10

### 8. Machinery

#### 8.1. Main engines

No	1. Manufactured by	2. Serial number	3. Type	4. Type annotation	5. Position	6. Year of built	7. Number of cylinders	8. Power (Kw)	9. Running Oil
1	"	416	-60	6 36/45	PORT	1979	6	662	GO
2	"	415	-60	6 36/45	STBD	1979	6	662	GO

#### 8.2. Diesel generators

No	1. Manufactured by	2. Serial number	3. Type	4. Type annotation	5. Position	6. Year of built	7. Number of cylinders	8. Power (Kw)	9. Est. GO Consumption (t/d)
1	"	202-13966	100/750	6 18/22	PORT	1979	6	110	0.59
2	"	202-139	100/	6 18/22	STBD	1979	6	110	0.59

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### 8. Machinery

#### 8.2. Diesel generators

No	1. Manufactured by	2. Serial number	3. Type	4. Type annotation	5. Position	6. Year of built	7. Number of cylinders	8. Power (Kw)	9. Est. GO Consumption (t/d)
		65	750						
3	" "	911325	50 - 6 9	12/14	RSRV	1979	6	50	0.59

#### 8.3. Boilers

No	1. Manufactured by	2. Serial number	3. Annotation	4. Position	5. Pressure (Pa)	6. Heating surface of boilers (m <sup>2</sup> )	7. Est. GO Consumption (t/d)
1	Demirdokum	100005	MD-6	Engine Room	0.00	8	0.50

### 9. Radio and navigation equipment

#### 9.1. Radars

No	1. Manufactured by	2. Model	3. Serial number
1	Kelvin Hughes	KH1610	
2	Furuno Electric Co.Ltd.	FR-2115	3376-0345

#### 9.2. Echo Sounders

No	1. Manufactured by	2. Model	3. Serial number
1	Japan	JFE 380	11180092

#### 9.3. Logs

No	1. Manufactured by	2. Model	3. Serial number
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#### 9.4. INMARSATS

No	1. Manufactured by	2. Model	3. Serial number	4. Format	5. Number
1	Furuno Electric Co.Ltd.	FELCOM - 11	2573-1185	C	427300475
2	Furuno Electric Co.Ltd.	FELCOM - 15	3561-2370	C	427301956

#### 9.5. LRITs

No	1. Manufactured by	2. Model	3. Serial number	4. Format	5. Number
1	MVS - Global Communications	COM - 2	2200129		10019467

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### 9. Radio and navigation equipment

#### 9.6. Radio telexes

No	1. Manufactured by	2. Model	3. Serial number	4. Number (NBDP)
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#### 9.7. Portable VHF Radios

No	1. Manufactured by	2. Model	3. Serial number
1	Jotron	TRON VHF	8FH08416
2	Jotron	TRON VHF	8FH08413
3	Jotron	TRON VHF	8FH08414

#### 9.8. VHF Radios

No	1. Manufactured by	2. Model	3. Serial number
1	Furuno Electric Co.Ltd.	FM 8500	2596-7284
2	Furuno Electric Co.Ltd.	FM 8500	2596-7186

#### 9.9. VHF DSCs

No	1. Manufactured by	2. Model	3. Serial number
1	Furuno Electric Co.Ltd.	FM8500	2596-7284
2	Furuno Electric Co.Ltd.	FM8500	2596-7186

#### 9.10. MF/HF Radios

No	1. Manufactured by	2. Model	3. Serial number
1	Furuno Electric Co.Ltd.	FS-1562	2560-4241

#### 9.11. MF/HF DSCs

No	1. Manufactured by	2. Model	3. Serial number
1	Furuno Electric Co.Ltd.	DSC-6A	2580-1256

#### 9.12. SARTs

No	1. Manufactured by	2. Model	3. Serial number
1	Samyung Enc.Co.Ltd	SAR - 9	8101736
2	Samyung Enc.Co.Ltd	SAR - 9	8101739

#### 9.13. EPIRBs

No	1. Manufactured by	2. Model	3. Serial number
1	KANNAD	406 FH	312356

#### 9.14. GPSs

No	1. Manufactured by	2. Model	3. Serial number
1	Furuno Electric Co.Ltd.	GP-30	3405-8039
2	JRC	J-NAV 500	KD51301

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### 9. Radio and navigation equipment

#### 9.15. Navtexes

No	1. Manufactured by	2. Model	3. Serial number
1	Furuno Electric Co.Ltd.	NX - 500	8522 - 8489

#### 9.16. Gyrocompasses

No	1. Manufactured by	2. Model	3. Serial number
1	Anschutz	STANDARD-14	

#### 9.17. AISs

No	1. Manufactured by	2. Model	3. Serial number
1	Kongsberg Maritime AS	Seatex AIS 100R	E-1679

#### 9.18. SVDRs

No	1. Manufactured by	2. Model	3. Serial number

#### 9.19. SSASs

No	1. Manufactured by	2. Model	3. Serial number
1	MVS - Global Communications	COM - 2	2200129

### 10. Performance

#### 10.1. Performance

Output (% of normal)	1. RPM	2. Output (Kw)	3. Consumption (t/d)		4. Speed (kn)		
			3.1. GO	3.2. FO	4.1. Load	4.2. Ballast	
Full ahead	(85%)	320	404	5.00	0.00	8.00	8.00

10.2. Fresh water consumption (t/d) 2.00	10.3. Estimated speed (kn) 8.50	10.4. Estimated sailing LO consumption (kg/d) 60.00	10.5. Estimated idle LO consumption (kg/d) 10.00
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#### 10.6. Period of time between each two disposals of:

10.6.1 Sludge water (d) 0	10.6.2 Faecal water (d) 6	10.6.3 Bilge water (d) 20
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### 11. Propulsion and mooring gear

11.1. Anchor chains	1. Caliber (mm)	2. Length (m)
Port side	43	175
Starboard side	43	175

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### 11. Propulsion and mooring gear

Stern	34	75
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11.2. Anchor gear	1. Manufactured by	2. Serial number	3. Type of propulsion
Bows	USSR	645	Electric
Stern	USSR	12	Electric

### 11.3. Propellers

No	1. Direction	2. Type	3. Number of blades	4. Material	5. Diameter (m)	6. Pitch (m)	7. Weight (kg)
1	Port side	Non-controllable pitch	4	steel	1.80	1.51	700.00
2	Starboard side	Non-controllable pitch	4	steel	1.80	1.51	700.00

### 11.3. Cargo pumps

No	1. Capacity t/h
Total	0

### 12. Services

12.1. Radio accounting authority AAIC - SU04	12.2. SBMA service company STT Deniz Ticaret Ve Servis Ltd Sti	12.3. ERIPB registration authority MKVC "COSPAS - SARSAT"
12.4. Insurance company VSK Strakhovoy Dom.	12.5. P&I Club Navigators P&I	

### 13. Tonnages

13.1. GT 2979	13.2. NT 893	13.3. Light Ship (t) 1443	13.4. Suez Canal NRT (RT) 0	13.5. Sulina Canal NRT (RT) 0	13.6. Tons per 1 cm immersion (t) 16.00
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### 13.6 Deadweight

13.6.1. Tropical fresh (t) at (m) 0 at 0.00 draft	13.6.2. Fresh water (t) at (m) 3574 at 3.55 draft	13.6.3. Tropical water (t) at (m) 0 at 0.00 draft	13.6.4. Summer (t) at (m) 3574 at 3.48 draft	13.6.5. Winter (t) at (m) 3455 at 3.40 draft
13.6.6. Winter North Atlantic (t) at (m) 0 at 0.00 draft			13.6.7. Class M-Pr (t) at (m) 0 at 0.00 draft	

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### 14. Trading area

14.1. Word-wide No	
14.2. Caspian Sea Geographical restrictions(if any) A3 / special reg /	
14.3. Azov Sea Geographical restrictions(if any) no restrictions	
14.4. Baltic Sea Geographical restrictions(if any) up to 100 miles from place of refuge not more 200 miles between places of refuge	
14.5. Black Sea Geographical restrictions(if any) up to 100 miles from place of refuge not more 200 miles between places of refuge	
14.6. Mediterian Sea Geographical restrictions(if any) up to 100 miles from place of refuge not more 200 miles between places of refuge	
14.7. GMDSS area A1A2A3	14.8. Restrictions to hight of waves (m) 6.00

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