

Vessel information

1. Identity

1.1. Vessel's Name Granat (GRAN)	1.2. Vessel's Type Volgo-Don	1.3. IMO No 8892071	1.4. Call sign UDYC
1.5. Official/Registry No 8942	1.6. Port of Registry Taganrog	1.7. Flag Russia	1.8. MMSI Number 273454870

2. Ownership. Operation

2.1. Former's name(s) Volgo-Don 5032 Address	2.2. Owners Kama Fifteen Shipping Co. Ltd 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 ³)	4. Bale Capacity (m ³)	6. On tank top mts/m ²
1	44.40	12.30	5.60	3160.00	3160.00	5.50
2	44.40	12.30	5.60	3240.00	3240.00	5.50
Total				6400.00	6400.00	

3.2. Hatch Covers

No	1. Length (m)	2. Breadth (m)	3. Height (m)	4. Hatch Cover's Type	5. On deck(mts/m ²)
1	45.00	13.10	0.37	Piggy back	0.20
2	45.00	13.10	0.37	Piggy back	0.20

3.3. Cargo Tanks

No	1. Description	2. Capacity m ³
Total		0.00

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*L4IIISP	4.3. Class society reg. number 713717
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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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5.4. Ballast Pumps

No	1. Capacity (t/h)
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Address	N/A	N/A	N/A

5. Cranes, derricks, winches, pumps

1	250	
2	250	
Total		500

5.5. Bow thruster (yes/no)

Yes

6. Hull

6.1. Year of built 1971	6.2. Shipbuilders Santierul Naval S.A.		
6.3. Place of built Oltenitsa, Romania	6.4. Yard No 463	6.5. Length (o.a.)(m) 138.30	6.6. Breadth (extreme) (m) 16.70
6.7. Summer draft (m) 3.38	6.8. Length (b.p.) (m) 135.00	6.9. Breadth (moulded) (m) 16.50	6.10. Depth (moulded) (m) 5.50
6.11. Free board (m) 2.14	6.12. Number of decks 1.00	6.13. Thickness of keel (mm) 8.00	6.14. Bulbous bows No
6.15. Project No 1565	6.16. Project Description		

6.17. Superstructures

No	1. Position
1	Aft

6.18. Balast tanks

No	1. Description	2. Capacity (m^3)
1		57.00
2		368.00
3		368.00
4		323.00
5		323.00
6		776.00
7		776.00
Total		2991.00

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6. Hull

6.19. IFO tanks

No	1. Description	2. Capacity (m ³)
Total		0.00

6.20. GO tanks

No	1. Description	2. Capacity (m ³)
1		22.00
2		22.00
3		38.80
4		38.80
5		65.00
Total		186.60

6.21. Slop tanks

No	1. Description	2. Capacity (m ³)
1		15.00
Total		15.00

6.22. Lubrication oil

No	1. Description	2. Capacity (m ³)
1		5.00
2		5.00
Total		10.00

6.23. Fresh water tanks

No	1. Description	2. Capacity (m ³)
1		18.40
2		156.00
Total		174.40

6.24. Deep tanks

No	1. Description	2. Capacity (m ³)
1		396.00

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6. Hull

6.24. Deep tanks

No	1. Description	2. Capacity (m ³)
	Total	396.00

7. Life-saving appliances equipment

7.1. Life-boats

No	1. Manufactured by	s. Serial number	3. Passanger capacity (prs)
1	exempted		0

7.2. Rescue boats

No	1. Manufactured by	s. Serial number	3. Passanger capacity (prs)
1	exempted		0

7.3. Life rafts

No	1. Manufactured by	s. Serial number	3. Passanger capacity (prs)
1	VIKING	DKL010189	25
2	OAO "UZEMIK"	02660703	20
3	OAO "UZEMIK"	05280400	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	"	149	-60	6 36/45	STBD	1971	6	662	GO
2	"	150	-60	6 36/45	PORT	1971	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	"	202-6419	100/750	6 18/22	PORT	1970	6	100	0.59
2	SKL MOTOREN-UND	5512413	6NVD26	6NVD26-2	STBD	1991	6	147	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)
	SYSTEMTECHNIK GMBH-VORM.BUKAU- WOLF		-2						
3	" "	101682	962	4 10,5/13	RSRV	1971	4	25	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 ²)	7. Est. GO Consumption (t/d)
1	" "	74784	KOAB 200-1	Engine Room	0.00	7	0.55

9. Radio and navigation equipment

9.1. Radars

No	1. Manufactured by	2. Model	3. Serial number
1	Racal Decca	BRIDGE MASTER BMII	FB08246/5

9.2. Echo Sounders

No	1. Manufactured by	2. Model	3. Serial number
1	Furuno Electric Co.Ltd.	FE-700	2232-2531

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	RAYTHEON	STR1500	10285	C	427321858

9.5. LRITs

No	1. Manufactured by	2. Model	3. Serial number	4. Format	5. Number
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9.6. Radio telexes

No	1. Manufactured by	2. Model	3. Serial number	4. Number (NBDP)
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9. Radio and navigation equipment

9.7. Portable VHF Radios

No	1. Manufactured by	2. Model	3. Serial number
1	Jotron Electronics A/S	TRON TR20	213DA5224
2	Jotron Electronics A/S	TRON TR20	213DA5223
3	Jotron Electronics A/S	TRON TR20	213DA5209

9.8. VHF Radios

No	1. Manufactured by	2. Model	3. Serial number
1	Sailor	RT2048	4071290106

9.9. VHF DSCs

No	1. Manufactured by	2. Model	3. Serial number
1	Sailor	RT2048	4071290106

9.10. MF/HF Radios

No	1. Manufactured by	2. Model	3. Serial number
1	Sailor	PROGRAM 2000	4031800029

9.11. MF/HF DSCs

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

No	1. Manufactured by	2. Model	3. Serial number
1	Jotron Electronics A/S	TRON SART	15426
2	Jotron Electronics A/S	TRON SART	15427

9.13. EPIRBs

No	1. Manufactured by	2. Model	3. Serial number
1	Jotron Electronics A/S	TRON 40S	OIB 07649

9.14. GPSs

No	1. Manufactured by	2. Model	3. Serial number
1	Philips	Navigator MK9	
2	Japan Radio Co.Ltd	J - NAV - 500	KD 99296

9.15. Navtexes

No	1. Manufactured by	2. Model	3. Serial number
1	Japan	NT900	222199

9.16. Gyrocompasses

No	1. Manufactured by	2. Model	3. Serial number
1	Russia	Amur-M	009281

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9. Radio and navigation equipment

9.17. AISs

No	1. Manufactured by	2. Model	3. Serial number
1	N/A		

9.18. SVDRs

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

No	1. Manufactured by	2. Model	3. Serial number
1	MVS - Global Communications	COM - 2	2200109

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%)	300	404	5.00	0.00	8.00	8.00

10.2. Fresh water consumption (t/d) 2.00	10.3. Estimated speed (kn) 8.00	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. Callber (mm)	2. Length (m)
Port side	43	175
Starboard side	43	175
Stern	37	75

11.2. Anchor gear

	1. Manufactured by	2. Serial number	3. Type of propulsion
Bows	USSR	466	Electric
Stern	USSR	9487	Electric

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11. Propulsion and mooring gear

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	stainless steel	1.80	1.51	752.00
2	Starboard side	Non-controllable pitch	4	stainless steel	1.80	1.51	710.00

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 3994	13.2. NT 1302	13.3. Light Ship (t) 1737	13.4. Suez Canal NRT (RT) 0	13.5. Sulina Canal NRT (RT) 0	13.6. Tons per 1 cm immersion (t) 21.00
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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) 4903 at 3.45 draft	13.6.3. Tropical water (t) at (m) 0 at 0.00 draft	13.6.4. Summer (t) at (m) 4903 at 3.38 draft	13.6.5. Winter (t) at (m) 4754 at 3.31 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	

14. Trading area

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14. Trading area

14.1. Word-wide No	
14.2. Baltic Sea Geographical restrictions(if any) up up to 20 miles from coast and up to 50 miles between refuges	
14.3. Black Sea Geographical restrictions(if any) up up to 20 miles from coast and up to 50 miles between refuges	
14.4. Caspian Sea Geographical restrictions(if any) A3 / special reg /	
14.5. Azov Sea Geographical restrictions(if any) No restrictions	
14.6. Mediterrian Sea Geographical restrictions(if any) up to 20 miles from coast and up to 50 miles between refuges	
14.7. GMDSS area A1A2	14.8. Restrictions to hight of waves (m) 3.50

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