

Multipurpose Vessel

mv «YAMAL KRECHET»
KM ★ARC 4 AUT1

Deadweight 20.144 mt



Identification	
Shipyard and year of built	Flensburger Schiffbau Gesellschaft, 2000
Flag, port of registry	Russia, Arkhangelsk
Call sign	UESM
Vessel's class	RMRS, KM *ARC4 AUT1
IMO №	9202041
Licenses	Carriage of dangerous goods by sea transport (all classes except IMO class 7)

Dimensions	
Length overall	153.22 m
Beam	23.68 m
Moulded depth	13.50 m
Air draught	35.49 m
Summer draught	9.75 m
Winter draught	9.55 m
Summer deadweight	20144 t
Winter deadweight	19520 t
Gross tonnage	13 066
Net tonnage	6 914
Displacement, full load	25766 t

Tween deck	
Total 1000 m ² , in two holds of choice (3-5 holds), on 6.10 m height	

Max permissible loading	
On hatches	abt. 2.0 mt/m ² ;
On tween deck	abt. 1,75 mt/m ²
On tanktop	abt. 21.0 mt/m ²

Crew	15 persons
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Key data	
Main engine, ADG	
Main engine	Mitsubishi 6UEC 50 LS II
BHP/RPM engine	8250 kW/124 rpm
Diesel generators	2 x Yanmar 6N 18 AL-EN 660 kW/900 rpm
Emergency generator	1 x Cummins NTA 855-G3 358 kW/1800 rpm
Total quantity of diesel generators	2 + 1 (emergency DG)
Propeller	Fixed pitch propeller
Specials	Freshwater Generator

Tank's capacity	
Fuel oil (IFO)	abt. 1065.3 cbm
Diesel oil (MGO)	abt. 115.4 cbm
Ballast water	abt. 6166.0 cbm
Freshwater/Boiler feed wat.	42.2 cbm / 42.2 cbm

Speed and consumption				
	Condition	Kn	Fuel oil	MGO
Sea	Ballast	14.1	20.0 mt	0.0 mt
	Loaded	14.1	22.0 mt	0.0 mt
Port	w/o cargo operation		2.0 mt	1.1 mt
	with cargo operation		2.5 mt	1.1 mt
SECA	At sea		0.0 mt	22.0 mt
	Cargo operation(port)		0.0 mt	3.6 mt

Cranes «MacGregor Häggland»				
1			60 t	21 m
2	1 crane	1 x 60	32 t	36 m
3				
4	1 crane	1 x 60	60 t	21 m
5			32 t	36 m

Containers capacity			
	20' or	40' and	20'
Holds	548	270	15
Deck	754	369	9
Total	1302	639	24

Cargo Holds

Hold №	Length, m	Breadth, m	Depth, m	Capacity, m ³		Cargo hatches		Containers capacity 20"	
				Bale	Grain	Length, m	Breadth, m	Hold	Hatches
1	14.04	8.00-13.00	10.65	1653	1716	14.04	8.00	88	154
2	12.48	11.0/15.6	13.45	2562	2649	12.48	15.60	112	154
3	24.96	20.60	13.20	6744	6815	24.96	20.60	116	154
4	24.96	20.60	13.20	6805	6881	24.96	20.60	116	153
5	24.96	20.60	13.20	6806	6668	24.96	20.60	116	113
m.deck	12.80	20.60	-	-	-	-	-	-	16
Total:				24370	24729			548	754

