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EAST RIVER

Vessel Particulars

GENERAL INFORMATION

Flag:	Azerbaijan
Build:	1981
Type of the Vessel:	Cable laying vessel, PSV
Class notation:	KMR2 DYNPOS-1 Supply vessel, Cable laying vessel.
IMO Number:	8109814
Classification Society:	RS
Sea Endurance:	22 days
Sea Speed:	8 knots
Dynamic Positioning Syst.:	Sirehna Easy DP1ver.5.0

MAIN DIMENSIONS

LOA:	55,70 m
Beam:	12,17 m
Depth moulded:	4,267 m
Draft:	3,66 m

ANCHOR EQUIPMENT

Quantity and Type of Anchors :	2 x Hall
Anchors Weight:	2 x 1,290 kg
Anchor Chains:	Diameter 32 mm, 2 x 192,5 m

TONNAGE

GRT:	682 tons
NRT:	604 tons
DWT:	1181 tons

CONSUMPTION

Fuel Type:	MDO
Work Consumption:	during cable laying 6,8 tons
Stand-by Consumption:	0,4 tons

ACCOMMODATION

Quantity of Cabins :	8 fully conditioned
Berths:	for 18 people

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MACHINERY

Main Engines:	Caterpillar D399-PC 2x808 kWt
Gearbox:	Caterpillarmod.7261
Auxiliary Engines:	2 x 210kWt, 1 x 75 kWt
Propellers:	2, fixed pitch propellers
Bow thruster:	250 kWt
Stern thruster:	220 kWt
Deck crane:	capacity 0,9 ton, boom 5 m

CAPACITIES

Fuel:	221,0 tons
Oil:	11,0 tons
Potable Water:	153,4 tons
Sewage tanks:	3 x 28,3 m3
Gray water tank:	28,3 m3
Deck Area:	MD 310 m2; forecastle deck 184 m2
Deck Cargo:	340 tons
Cable tanks:	volume 318 m3
Cable weight:	Maximum 500 tons
Ref. containers:	2 positions for refrigerated containers on forecastle deck

NAVIGATION / COMMUNICATION EQUIPMENT

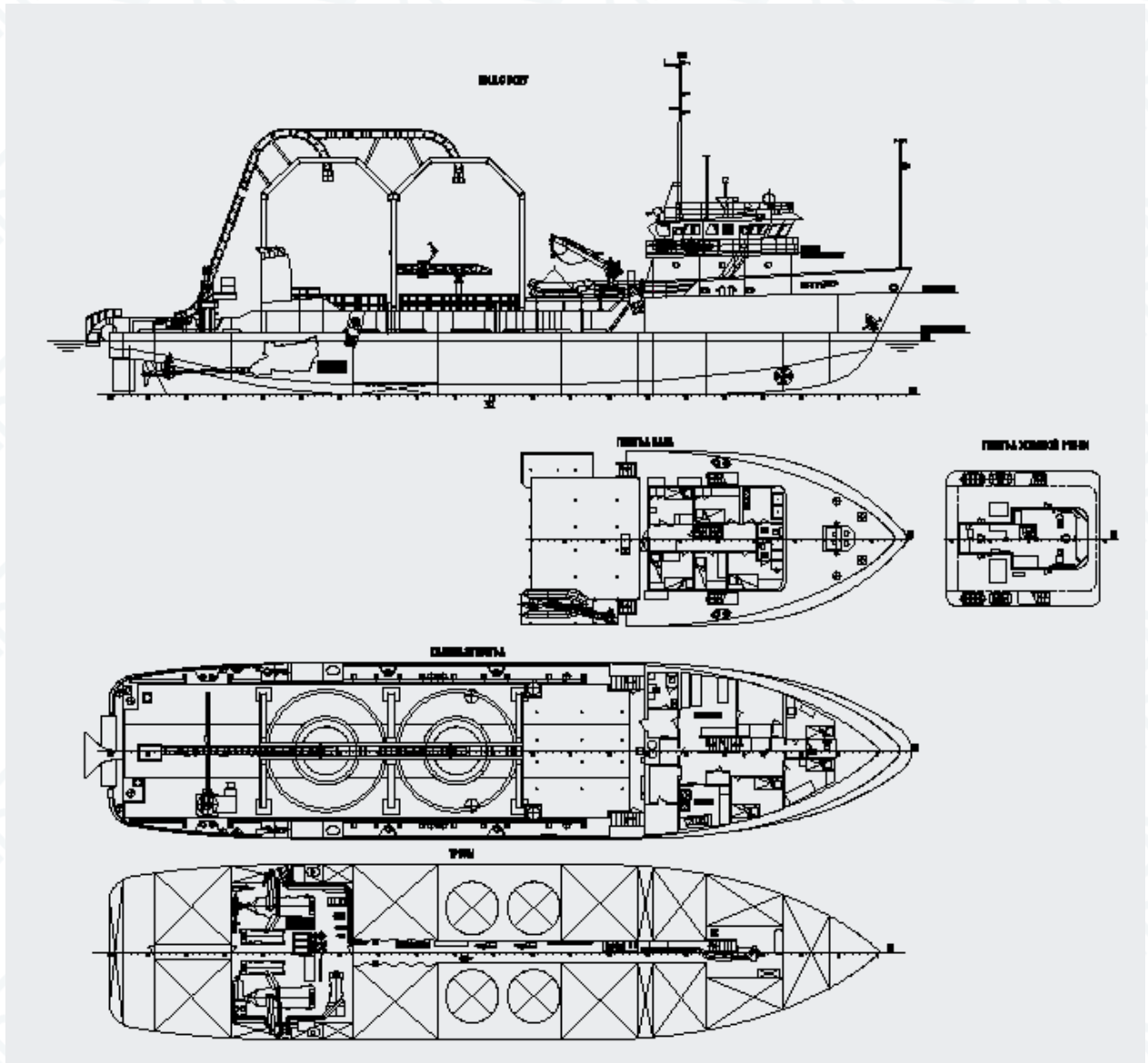
Sailing area:	A1, A2, A3
Radio telex:	Samyung SN 100 NBDP
Gyro compass:	Sperry Marine Navigat X Mk2 GyroSphere 5000 Raytheon Anschutz STD22
Depth Sounder:	Koden CVR-010
GPS:	2 x Koden KGP-920, Furuno Gp150
AIS:	Samyung SI-30AR
Autopilot:	Navitron NT 921 G
EPIRB:	Sailor SGE 406-II
Telex NBDP:	Facsimile Receiver Furuno
Radar transponder:	2 x ACR Pathfinder
SSAS:	As per design
NAVTEX Receiver:	Furuno NX-700B
HVF for inland waterways:	Granit 2P-24 1
Main magnetic compass:	Saura MR150-A BRANO-X
VHF radio station with DSC:	Furuno Electric FM-8800S
MF/HF radio station with DSC:	Samyung SRG-1150DN
Inmarsat-C:	Sailor 6110 mini-C, Furuno Felcom 15
Portable VHF radio:	1 x McMurdo R2, 2 x ACR SR-103
Radar:	Furuno FR-2115; FR-8100 D; JRC JMA-2300
HVF two-way com. radiostat.:	1 x ICOM IC-M35, 2 x ICOM IC-M36

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Fuel consuming equipment	Fuel consumption at various load. Kg/hour									
	Work load, %									
	10	20	30	40	50	60	70	80	90	100
Main engine Nr.1, Nr2	12,5	25	37,5	50	62,5	75	87,5	100	112,5	125
Auxiliary generator Nr.1, Nr.2	1,6	3,2	4,8	6,4	8	9,6	11,2	12,8	14,4	16

Consuming equipment	Lube oil consumption at various load. Kg/hour									
	Work load, %									
	10	20	30	40	50	60	70	80	90	100
Main engine Nr.1, Nr2	0,0208	0,0416	0,0624	0,0832	0,104	0,124	0,145	0,166	0,187	0,208
Auxiliary generator Nr.1, Nr.2	0,0125	0,0250	0,375	0,0500	0,0625	0,075	0,0875	0,100	0,112	0,125

GENERAL ARRANGEMENT PLAN



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