

Draft (m)	Displac. in seawater (t)	Deadweight (t/m ³)	Immersion (cm)	Draft (m)
5.5	5200	4000	10.2	5.5
5.0	5000	3500	10.1	5.0
4.5	4500	3000	9.9	4.5
4.0	4000	2500	9.7	4.0
3.5	3500	2000	9.5	3.5
3.0	3000	1500	9.3	3.0
2.5	2500	1000	9.1	2.5
2.0	2000	500	8.9	2.0
1.5	1500	0	8.7	1.5

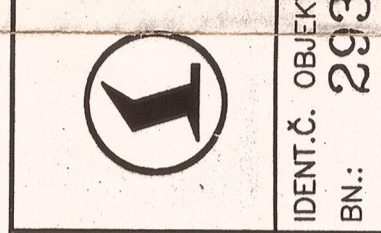
NORTHERN LADY

SHIP WEIGHT EMPTY : 1224,83 t

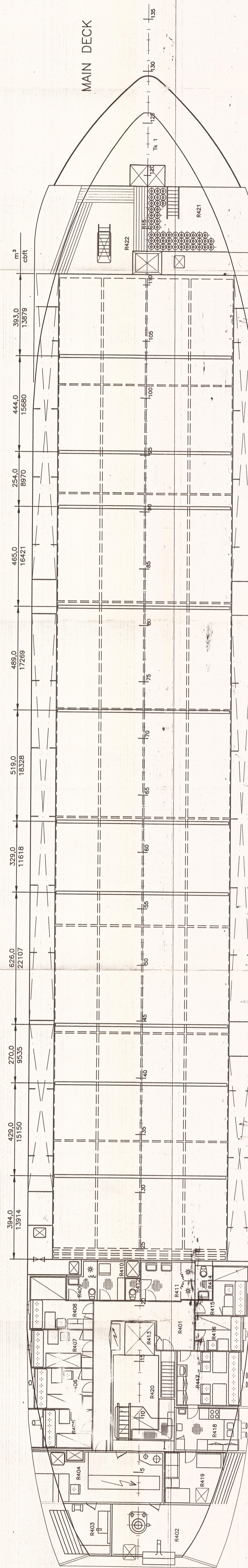
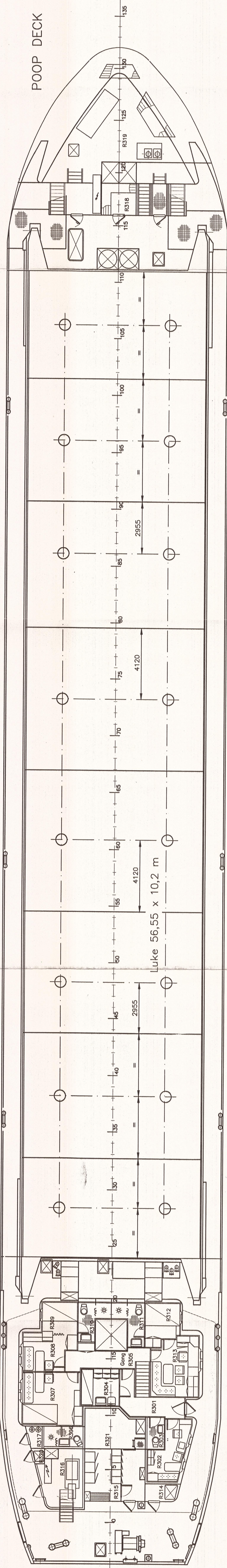
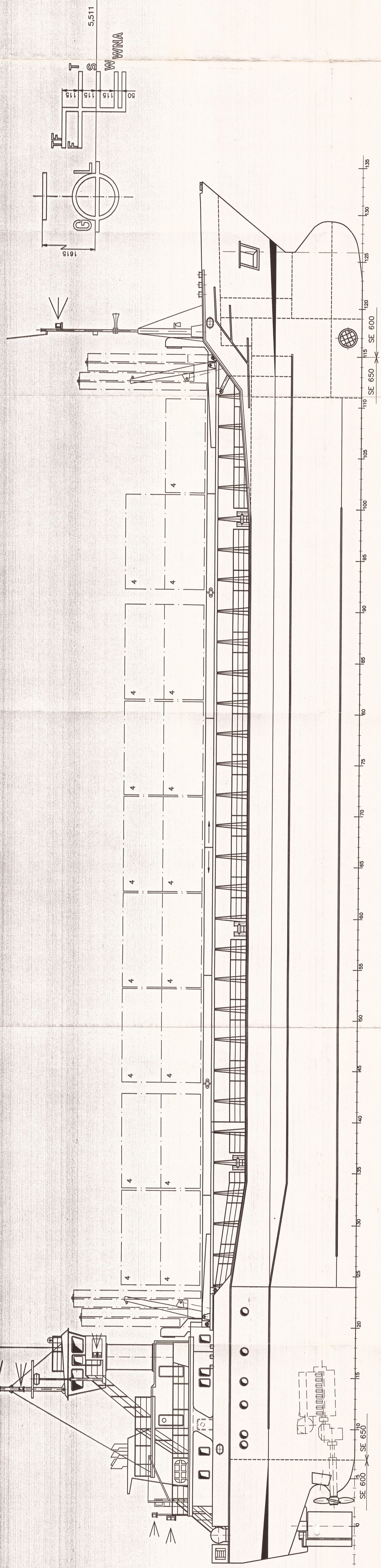
CLASS — IRIACC

GL 100 A5 "E" "C" * MC AUT "E"

Equipped for Carriage of Containers
Приспособлено для перевозки контейнеров



SLOVENSKE LODENICE KOMARNO
 NAZOV: CARGO PLAN — KAPTOIJIJAH
 TITEL: KOMARNOVA ZALAZBA / КОНТРОЛОВАЛ: ИНГ. КОЖАЛ
 ЧИСЛО ВКРЕСЛУ: 92-12/063-010-003/38
 БН: 2938-2943



Name of item	Volume (m ³)	Weight (t)
FORE PEAK	BWTK. 1	82,05
DOUBLE BOTTOM	BWTK. 2C	50,90
DOUBLE BOTTOM	BWTK. 3S	126,63
DEEP TANK-SIDE TANK	BWTK. 3P	126,30
DEEP TANK-SIDE TANK	BWTK. 3S	114,00
DOUBLE BOTTL.	BWTK. 4P	154,09
DEEP TANK-SIDE TANK	BWTK. 4S	175,60
DEEP TANK-SIDE TANK	BWTK. 4P	174,60
DEEP TANK-SIDE TANK	BWTK. 5S	68,32
DEEP TANK-SIDE TANK	BWTK. 5S	85,56
DEEP TANK-SIDE TANK	BWTK. 5P	73,19
DEEP TANK-SIDE TANK	BWTK. 6P	30,60
DEEP TANK-SIDE TANK	BWTK. 6S	30,60
FRESH WATER TANK	Tk. 7P	26,04
FRESH WATER TANK	Tk. 7S	22,23
FUEL TANK	Tk. 8C	72,25
FUEL TANK	Tk. 9C	72,25
DAILY TANK	Tk. 10S	6,33
SETTLING TANK	Tk. 11S	11,24
LEAK OIL TANK	Tk. 3P	0,96
LUBRICATING OIL TANK	Tk. 14P	9,87
CIRCULATION TANK	Tk. 17C	2,80
LUBRICATING OIL TANK	Tk. 19P	1,68
DIRTY OIL TANK	Tk. 16S	8,90
SEWAGE	Tk. 13P	6,10
SETTLING TANK	Tk. 15P	5,22

MAIN DIMENSIONS

Length overall 87,32 m
 Length between perp. 81,39 m
 Breadth mid. 12,80 m
 Depth, poop deck 8,00 m
 Draught, max. 8,00 m
 GMSS portable VHF transceiver : SP 3110-THREE p.c.
 One set spirit type : SAVING
 Net tonnage 927
 Hold capacity 11,5 x 6,15 m
 Bolls 4550 m³
 Boiled goods 163153 cbrt
 Container in hold 4230 m³
 Container on deck 68 TEU
 Magnetic Compass : REFLECTA 1
 Autopilot : AIG 3000
 Echo-sounder : LAZ 5000
 Radar : 4217 R with rate of turn indicator
 Thruster : 110

NAUTICAL EQUIPMENT

HF radio station : RE 2100
 HF/DSC radio : RM 2151, RM 2150
 Watchkeeping receiver : R 501 (2182 kHz)
 VHF/DSC radio : RM 2151
 VHF/DSC radio : RM 2151
 One set spirit type : SAVING
 Net tonnage 927
 Hold capacity 11,5 x 6,15 m
 Bolls 4550 m³
 Boiled goods 163153 cbrt
 Container in hold 4230 m³
 Container on deck 68 TEU
 Magnetic Compass : REFLECTA 1
 Autopilot : AIG 3000
 Echo-sounder : LAZ 5000
 Radar : 4217 R with rate of turn indicator
 Thruster : 110

ANCHOR WINCHES

S.L.K. Type WNH 63 - 36/26
 S.L.K. Type WNH 57 - 26

HATCH COVERS

Saehin KAVENES Multifield crosscode
 With hydraulic control
 Double hydraulic power unit : KWERNER
 2 x 11 kW, 2 x 25 l/min, 250 bar

SHIP'S EQUIPMENT

3 Folding-stainless anchor DRYNE Special each 631 kg
 80 m stern anchor cable Ø30mm, min. breaking load 530 kN

LINE (min-equipment)

1 Tow line 190 m, min. breaking load 305 kN
 4 line runner Ø56 x 160 m, min. breaking load 371 kN

STEERING GEAR

1 Steering engine : TEMFORD, Type I - 6 M 200
 1 Flap-rudder : HINZE, Type R 2000 K 300/1,2
 2 Bow thrusters : JASTRAM, Type BJ-40F
 2 Stern : 165 kW, propeller thrust 20 kN

RESOLVE EQUIPMENT

1 Motor - Rescue boat
 for 6 persons with don't
 Type : PASSNER RR 4.2
 2 Life-saving raft for 12 persons
 Type : LR 66-D EP A
 8 Life ring

SHIP'S POWER PLANT

3 Diesel engines : MAN Type D 2866 E
 6 cylinder - 4-stroke
 Total power : 130 kW by 1500 r/min, 4.5%
 fuel consumption : 130 g/kWh
 1 Emergency Diesel : KHD, Type FBL 912
 6 cylinder - 4-stroke
 power : 47 kW by 1500 r/min
 1 Emergency generator : PILLER, Type NKT 50-4
 power : 49 kW by 1500 r/min, 400/230 V, 168 A, 50 Hz
 2 Starting - air compressors : SAUER & SOHN WP 15 L
 power : 15 m³/h, 30 bar

APR-CONDITIONING UNIT

Apr conditioning of accommodation : H&H ROTTERDAM
 Heating output : 77 kW

MAN ENGINE

1 Diesel engine DEUTZ MWM, SEV 8 M 628
 6 cylinder - 4-stroke
 fuel consumption : 185 g/kWh = 5%
 lube-oil consumption : 1,5 kg/h
 Wendegetriebe, Eisenwerke REINTJES GmbH
 Type : Wf 1941

PERMISSIBLE LOAD ON DOUBLE BOTTOM

Permissible load on double bottom : 147,15 kN/m² = 15 t/m²
 Coil loading
 Load the coil that way it is in any case supported by a semi - bulkhead.
 The semi - bulkheads are always situated behind the loading cup and on every hull distance.
 The following coil-bales are possible :
 22 t Coils : D=1,80 m, L=20 m, 7 pcs/ST = 175 t
 22 t Coils : D=2,40 m, L=20 m, 5 pcs/ST = 225 t
 22 t Coils : D=2,40 m, L=20 m, 5 pcs/ST = 225 t
 Max. stowload depending on strength of hatchcover's structure
 20 cont. 40 cont. 40 t