

REPORT
ON MEASURING RESIDUAL THICKNESS,
DEFORMATIONS, CRACKS OF HULL MEMBERS
AND TECHNICAL CONDITION OF HULL

M/V “UZAVA”

Type of ship: Waste Disposal Vessel

Naval Architect: Romans Prala





**LATVIJAS JŪRAS ADMINISTRĀCIJAS
KUGOŠANAS DROŠĪBAS INSPEKCIJA
MARITIME ADMINISTRATION OF LATVIA
MARITIME SAFETY INSPECTORATE**

UZŅĒMUMA ATBILSTĪBAS APLIECĪBA CERTIFICATE OF COMPLIANCE OF COMPANY

Pamatojoties uz Latvijas Republikas Ministru kabineta 2008.gada 29. janvāra noteikumu Nr. 49 „Noteikumi par kuģu drošību” 12. punktu, Latvijas Jūras administrācijas Kuģošanas drošības inspekcija apliecina, ka

Issued by Maritime Safety Inspectorate of the Maritime Administration of Latvia under provisions of Article 12 of Regulation No.49 „Regulations on Ships Safety” issued on 29 January 2008 by Cabinet of Ministers of the Republic of Latvia. This is to certify that

SIA “MTSL”

(uzņēmuma pilns nosaukums, adrese un reģistrācijas Nr. full name of Company, address and No. of registry)

Bauskas iela 22, Rīga, LV-1004, reģ.Nr.: 40203056314

ir Latvijas Jūras administrācijas Kuģošanas drošības inspekcijas atzīts uzņēmums, kas veic šīs apliecības pielikumā norādītos darbus saskaņā ar spēkā esošajiem normatīvajiem aktiem.*

is recognized Company by Maritime Safety Inspectorate of the Maritime Administration of Latvia for executing works as stated in Attachment to this Certificate in compliance with laws and regulations in force.*

Uzņēmuma atbilstības apliecība ir derīga ar nosacījumu, ka tā tiek apstiprināta katru gadu.

Validity of Certificate of Compliance of Company is subject to annual surveys of Company

Nākošās ikgadējās apskates termiņš

2019.gada 18.maijā

Date of next annual survey

18 May, 2019



Vieta
Place

Rīga

Datums
Date

2018.gada 11.jūlijs
11 July, 2018

A.Ošs

Pilnvarotais personas paraksts, uzvārds
Signature and name of authorized official

Uzņēmuma atbilstības apliecības Nr.

18.0091.06

No. of Certificate of Compliance of Company

Derīga līdz

2023.gada 18.maijam

Valid until

18 May, 2023

* Veicot pielikumā norādītos darbus, uzņēmuma izdotajos dokumentos iekļauj norādi „Darbi veikti saskaņā ar Latvijas republikas Ministru kabineta 2008.gada 29. janvāra noteikumu Nr. 49 „Noteikumi par kuģu drošību” 12. punktu.,

Uzņēmuma atbilstības apliecības Nr.

18.0091.06

Derīga līdz

2023.gada 18.maijam

* Executing works stated in Attachment to this Certificate, documents issued by Company should be amended as follows: “Works executed in accordance with Article 12 of Regulation No.49 „Regulations on Ships Safety” issued on 29 January 2008 by Cabinet of Ministers of the Republic of Latvia”

No. of Certificate of Compliance of Company

18.0091.06

Valid until

18 May, 2023

CERTIFICATION BODY OF NDT PERSONS
SCIENTIFIC AND TECHNICAL CENTRE "SICH SERT" LLC
ACCREDIT ACCORDING TO THE REQUIREMENTS ISO/IEC 17024

ACCREDITATION CERTIFICATE № 60002 FROM 26.09.2014
OF NATIONAL ACCREDITATION AGENCY OF UKRAINE -
THE NATIONAL AUTHORITY ON ACCREDITATION.
Declaration about accordance № 012-16 from 26.02.2016

CERTIFICATION OF CONFORMITY

№ 398.09

This certificate avouch that Romans Prala
(name, surname)

according to requirements of certification system on EN ISO 9712 and SNT-TC-1A
is certified as an specialist

according to the Ultrasonic testing (UT)

on level II (second)

(testing method, testing symbol, level of qualification)

and is entitled to control: 0 – metalware and semimanufactured goods (different combinations c, f, w, t and wp), 1 – castings (c), 2 – forgings (f), 3 – welded products (w), 3a – welding deposition (w), 4 – tubes and pipes, including flat products for the manufacturing of welded pipes (t), 5 – wrought products (wp), 5a – rolled stock (wp)

(production type)

In sectors: 7 – metal manufacturing (combining c, f, t, w and wp), 8 – pre and in-service testing of equipment, plant and structure (combining c, f, w, t, wp and other product sectors), 9 – railway maintenance (combining f, wp and other product sectors), 11 – metalwork and metal production, 15 – pipelines, 17 – drilling equipment, 18 – lifting machines, 19 – metalwares and building constructions, 20 – shipbuilding and shiprepair

Certification is valid till 21.07.2022

Given in according to decision about certification from 21.07.2017 № 398.09

Scientific and Technical Centre "Sich Sert" LLC

Head of Certification
Body of Persons



(signature)

V. Rodionova
(N.S.)

Calibration Certificate



This Ultrasonic Thickness Gauge has been calibrated against a set of structural carbon steel test blocks complying to EN10025-2: 2004 and heat treated in accordance with BS EN15317:2007 and are dimensionally traceable to National Standards via UKAS

Calibration No.	CC-00069	Gauge Model	Cygnus 4 Plus GP
Calibration Date	26/02/2021	Gauge Serial No.	21386
Calibrated By	Anton Junajev	Probe Type	T5B (5.0 MHz 2 x 8mm T/C)
Calibration Procedure	CCP003 Issue 2A	Probe Serial No.	20906C

Calibrated For	SIA MTSL
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Calibration Results

Resolution Setting*	0.01 mm	Temperature	23°C	Velocity of Sound	5918 m/s
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Block Serial No.	Block Thickness (mm)	Measured Thickness (mm)	Acceptance Limits (mm)	Result (Pass/Fail)
15196	2.00	2.04	±0.1	Pass
15252	25.50	25.58	±0.1	Pass
15198	50.00	50.06	±0.1	Pass
15254	76.00	76.10	±0.1	Pass
19203	99.00	98.99	±0.1	Pass

Through Coating Test (For Single Crystal Multiple Echo Only)	-
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Measurement Uncertainty 0.1 mm

Calibration Due Date: 26 February 2022

Signature & Stamp



Notes

*Cygnus gauges are calibrated with their Resolution setting set to High, they are delivered set to Low (0.1mm).

Calibration was carried out with use of approved & certified, by the Cygnus Instruments factory, calibration blocks on the basis of a calibration procedure provided and approved by the factory. Calibration Procedure for twin element probes revised for UTM Shipping Service Ltd. set of calibration blocks. UTM Shipping Service Ltd. is authorised to carry out calibration of Cygnus Instruments Ultrasonic Thickness Gauges in Estonia.



CERTIFICATE *of* AUTHORISATION

THIS IS TO CERTIFY THAT

UTM Shipping Service Ltd.

IS AUTHORISED TO CARRY OUT CALIBRATION OF
THICKNESS GAUGES FOR

Cygnus Instruments in
Estonia

This agreement is valid until 30th September 2021

TITLE:

Technical Support
Manager

SIGNED:

DATE:

1ST OCTOBER 2020

COMPANY STAMP:



Cygnus Instruments Ltd
Cygnus House
30 Prince of Wales Road
Dorchester
Dorset
DT1 1PW

Cygnus Instruments Ltd, Cygnus House, 30 Prince of Wales Road,
Dorchester, Dorset DT1 1PW, UK

Tel: +44 (0)1305 265533

Fax: +44 (0)1305 269960

Web: www.cygnus-instruments.com

E-Mail: sales@cygnus-instruments.com

THICKNESS MEASUREMENT REPORT GENERAL PARTICULARS

Ship's name:	UZAVA	
IMO number:	8847478	
Class identity number:		
Port of registry:	VENTSPILS	
Gross tons:	236	
Deadweight:	440	
Date of build:	1982	
Classification society:	LATVIJAS JŪRAS ADMINISTRĀCIJA	

Name of firm performing thickness measurement:	MTSL, SIA	
Thickness measurement firm certified by:	LATVIJAS JŪRAS ADMINISTRĀCIJA	
Approval No.:	18.0091.06	
Approval valid from	11.07.2018 to 18.05.2023	
Place of measurement:	VENTSPILS	
First date of measurement:	17.09.2021	
Last date of measurement:	23.09.2021	
Special survey / intermediate / other survey due:		
Details of measurement equipment:	CYGNUS 4+	
Qualification of operators:	UT- LEVEL 2	

Report Number:	MT-69-21	
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Name of operators:	R.PRALA	Name of surveyor:	
Signature of operators:		Signature of surveyor:	
Firm official stamp:		Classification Society	
		Official Stamp:	

Report on thickness measurements of all shell, deck plating, structural members

Ship's name

UZAVA

IMO No

8847478

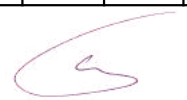
Report №

MT-69-21

Legend:	Below class min
	Substantial corr

1	Structure :		SHELL PLATING																							
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, mm	Allowable residual thickness, mm	Max. allow deminution %	Remaining thickness gauged Si, MM														Average values			Notes
																							Residual thickness S1,	Deminution		
																								absolute	relative	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS	FK	FK1			10.0	7.0	30.0	8.7	8.8													8.8	1.3	12.5	
Plate	PS	FK	FK2			10.0	7.0	30.0	8.8	8.2	8.3	8.3	8.8										8.5	1.5	15.2	
Plate	PS	FK	FK3			10.0	7.0	30.0	8.6	8.7	8.8	8.4											8.6	1.4	13.8	
Plate	PS	FK	FK4			10.0	7.0	30.0	8.4	8.3	8.0	8.9	8.8										8.5	1.5	15.2	
Plate	PS	FK	FK5			10.0	7.0	30.0	8.8	8.4	9.0	8.6	8.8										8.7	1.3	12.8	
Plate	PS	FK	FK6			10.0	7.0	30.0	8.4	8.8	8.6	8.5											8.6	1.4	14.3	
Plate	PS	FK	FK7			10.0	7.0	30.0	8.7	9.2	8.8												8.9	1.1	11.0	
Plate	StB	FK	FK1			10.0	7.0	30.0	8.4	9.0													8.7	1.3	13.0	
Plate	StB	FK	FK2			10.0	7.0	30.0	8.1	8.3	8.0	8.8	8.4										8.3	1.7	16.8	
Plate	StB	FK	FK3			10.0	7.0	30.0	8.5	8.2	8.2	8.8											8.4	1.6	15.8	
Plate	StB	FK	FK4			10.0	7.0	30.0	8.3	8.1	8.2	8.3	8.6										8.3	1.7	17.0	
Plate	StB	FK	FK5			10.0	7.0	30.0	8.5	8.3	8.5	9.0	8.7										8.6	1.4	14.0	
Plate	StB	FK	FK6			10.0	7.0	30.0	8.0	8.4	8.5	8.9											8.5	1.6	15.5	
Plate	StB	FK	FK7			10.0	7.0	30.0	9.2	8.9	8.7												8.9	1.1	10.7	
Plate	PS	A	A1			8.0	5.6	30.0	7.5	7.2													7.4	0.7	8.1	
Plate	PS	A	A2			8.0	5.6	30.0	7.3	6.9	6.8	7.3	7.0										7.1	0.9	11.8	
Plate	PS	A	A3			8.0	5.6	30.0	6.8	6.9	7.0	7.0	6.9										6.9	1.1	13.5	
Plate	PS	A	A4			8.0	5.6	30.0	6.9	6.9	6.9	6.8	7.3										7.0	1.0	13.0	
Plate	PS	A	A5			8.0	5.6	30.0	7.3	6.9	7.0	6.9	6.8										7.0	1.0	12.8	
Plate	PS	A	A6			8.0	5.6	30.0	7.8	7.6	7.5	7.3	7.5										7.5	0.5	5.7	
Plate	PS	A	A7			8.0	5.6	30.0	7.3	7.4	7.2												7.3	0.7	8.8	
Plate	PS	A	A8			10.0	7.0	30.0	9.6	9.6													9.6	0.4	4.0	
Plate	StB	A	A1			8.0	5.6	30.0	7.5	7.2													7.4	0.7	8.1	
Plate	StB	A	A2			8.0	5.6	30.0	6.8	7.0	7.9	7.3	7.0										7.2	0.8	10.0	
Plate	StB	A	A3			8.0	5.6	30.0	6.9	6.5	7.0	7.0	6.8										6.8	1.2	14.5	
Plate	StB	A	A4			8.0	5.6	30.0	7.0	6.7	6.9	6.8	7.0										6.9	1.1	14.0	
Plate	StB	A	A5			8.0	5.6	30.0	7.4	7.0	6.8	7.4	7.0										7.1	0.9	11.0	
Plate	StB	A	A6			8.0	5.6	30.0	7.8	7.6	7.5	7.6	7.5										7.6	0.4	5.0	
Plate	StB	A	A7			8.0	5.6	30.0	7.3	7.4	7.2												7.3	0.7	8.8	
Plate	StB	A	A8			10.0	7.0	30.0	9.6	9.4													9.5	0.5	5.0	

Operator's signature:



Report on thickness measurements of all shell, deck plating, structural members

Ship's name

UZAVA

IMO No

8847478

Report №

MT-69-21

Legend: Below class min
Substantial corr

1	Structure :		SHELL PLATING																										
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, mm	Allowable residual thickness, mm	Max. allow deminution %	Remaining thickness gauged Si, MM															Average values			Notes		
																								Residual thickness S1,	Deminution				
																									absolute	relative			
									MM	MM	%																		
2	3	4	5	6	7	8	9	10	11															12	13	14	15		
Plate	PS	B	B1			8.0	5.6	30.0	7.4	7.4	7.3	7.2	7.4											7.3	0.7	8.2			
Plate	PS	B	B2			8.0	5.6	30.0	6.8	6.9	6.5	6.5	6.8											6.7	1.3	16.3			
Plate	PS	B	B3			8.0	5.6	30.0	6.9	7.0	6.7	7.3	7.0											7.0	1.0	12.8			
Plate	PS	B	B3.1			8.0	5.6	30.0	7.0	7.2	6.9													7.0	1.0	12.1			
Plate	PS	B	B4			8.0	5.6	30.0	7.4	7.0	7.2	6.9	7.2											7.1	0.9	10.8			
Plate	PS	B	B4.1			8.0	5.6	30.0	7.3	7.3	6.8	6.8	6.9											7.0	1.0	12.3			
Plate	PS	B	B5			8.0	5.6	30.0	7.1	6.7	7.0	7.2	6.7											6.9	1.1	13.3			
Plate	PS	B	B5.1			8.0	5.6	30.0	6.9	7.0	6.7	6.8												6.9	1.2	14.4			
Plate	PS	B	B6			8.0	5.6	30.0	7.3	7.0	7.4	7.2	7.2											7.2	0.8	9.7			
Plate	PS	B	B6.1			8.0	5.6	30.0	6.9	6.9	7.1	6.7	7.0											6.9	1.1	13.5			
Plate	PS	B	B7			8.0	5.6	30.0	7.4	7.6	7.6	7.3	7.5											7.5	0.5	6.5			
Plate	PS	B	B7.1			8.0	5.6	30.0	7.4	7.3	7.2													7.3	0.7	8.8			
Plate	PS	B	B8			8.0	5.6	30.0	7.2	7.2	7.6													7.3	0.7	8.3			
Plate	PS	B	B8.1			8.0	5.6	30.0	7.3	7.4	7.3													7.3	0.7	8.3			
Plate	PS	B	B9			8.0	5.6	30.0	7.6	7.2	7.4	7.6	7.5											7.5	0.5	6.7			
Plate	PS	B	B10			10.0	7.0	30.0	9.3	9.6														9.5	0.6	5.5			
Plate	StB	B	B1			8.0	5.6	30.0	7.4	7.3	7.3	7.2	7.4											7.3	0.7	8.5			
Plate	StB	B	B2			8.0	5.6	30.0	6.4	6.9	7.1	7.3	7.5											7.0	1.0	12.0			
Plate	StB	B	B3			8.0	5.6	30.0	6.9	6.8	7.2	6.6	6.8											6.9	1.1	14.3			
Plate	StB	B	B3.1			8.0	5.6	30.0	7.2	7.3	6.7													7.1	0.9	11.7			
Plate	StB	B	B4			8.0	5.6	30.0	7.4	6.8	6.9	6.8	7.3											7.0	1.0	12.0			
Plate	StB	B	B4.1			8.0	5.6	30.0	7.2	6.9	7.7	7.4	7.4											7.3	0.7	8.5			
Plate	StB	B	B5			8.0	5.6	30.0	6.8	7.0	7.0	7.2	7.3											7.1	0.9	11.8			
Plate	StB	B	B5.1			8.0	5.6	30.0	7.4	7.3	6.8	7.4												7.2	0.8	9.7			
Plate	StB	B	B6			8.0	5.6	30.0	7.3	7.4	6.9	6.8	7.3											7.1	0.9	10.8			
Plate	StB	B	B6.1			8.0	5.6	30.0	6.7	7.2	7.0	7.0	6.9											7.0	1.0	13.0			
Plate	StB	B	B7			8.0	5.6	30.0	7.4	7.6	7.2	7.3	7.5											7.4	0.6	7.5			
Plate	StB	B	B7.1			8.0	5.6	30.0	7.4	7.3	7.2													7.3	0.7	8.8			
Plate	StB	B	B8			8.0	5.6	30.0	7.5	7.2	7.6													7.4	0.6	7.1			
Plate	StB	B	B8.1			8.0	5.6	30.0	7.3	7.4	7.3													7.3	0.7	8.3			
Plate	StB	B	B9			8.0	5.6	30.0	7.6	7.2	7.5	7.6	7.5											7.5	0.5	6.5			
Plate	StB	B	B10			10.0	7.0	30.0	9.5	9.6														9.6	0.4	4.5			

Legend: Below class min
Substantial corr

Page: 4

Legend: Below class min
Substantial corr

Page: 5

Report on thickness measurements of all shell, deck plating, structural members

Ship's name

UZAVA

IMO No

8847478

Report №

MT-69-21

Legend: Below class min
Substantial corr

1	Structure :		MAIN DECK																							
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, mm	Allowable residual thickness, mm	Max. allow deminution %	Remaining thickness gauged Si, MM														Average values			Notes
																							Residual thickness S1,	Deminution		
																								absolute	relative	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS	A	A1			6.0	4.2	30.0	5.3														5.3	0.7	11.7	
Plate	PS	A	A2			6.0	4.2	30.0	5.2	5.0													5.1	0.9	15.0	
Plate	PS	A	A3			6.0	4.2	30.0	5.7														5.7	0.3	5.0	
Plate	PS	A	A4			6.0	4.2	30.0	4.7														4.7	1.3	21.7	
Plate	PS	A	A5			6.0	4.2	30.0	5.8														5.8	0.2	3.3	
Plate	PS	A	A6			6.0	4.2	30.0	5.8	5.8													5.8	0.2	3.3	
Plate	PS	A	A7			6.0	4.2	30.0	5.3	5.2													5.3	0.8	12.5	
Plate	PS	A	A8			6.0	4.2	30.0	5.1	5.2													5.2	0.9	14.2	
Plate	PS	A	A9			6.0	4.2	30.0	5.2														5.2	0.8	13.3	
Plate	StB	A	A1			6.0	4.2	30.0	5.4														5.4	0.6	10.0	
Plate	StB	A	A2			6.0	4.2	30.0	5.5	5.2	5.3												5.3	0.7	11.1	
Plate	StB	A	A3			6.0	4.2	30.0	5.9	5.7													5.8	0.2	3.3	
Plate	StB	A	A4			6.0	4.2	30.0	4.6	4.7													4.7	1.4	22.5	
Plate	StB	A	A5			6.0	4.2	30.0	5.8	5.9													5.9	0.2	2.5	
Plate	StB	A	A6			6.0	4.2	30.0	5.5	5.8	5.6												5.6	0.4	6.1	
Plate	StB	A	A7			6.0	4.2	30.0	5.2	5.1	5.6												5.3	0.7	11.7	
Plate	StB	A	A8			6.0	4.2	30.0	5.3	5.4													5.4	0.7	10.8	
Plate	StB	A	A9			6.0	4.2	30.0	5.3														5.3	0.7	11.7	
Plate	PS	B	B1			6.0	4.2	30.0	5.2	5.3	5.2	5.6	5.4										5.3	0.7	11.0	
Plate	PS	B	B2			6.0	4.2	30.0	5.9	5.8	5.8												5.8	0.2	2.8	
Plate	PS	B	B3			6.0	4.2	30.0	5.8	5.9	5.7												5.8	0.2	3.3	
Plate	PS	B	B4			6.0	4.2	30.0	5.8	5.8	5.7												5.8	0.2	3.9	
Plate	PS	B	B5			6.0	4.2	30.0	5.8	5.7	5.7	5.8	5.6										5.7	0.3	4.7	
Plate	PS	B	B5.1			6.0	4.2	30.0	5.4	5.7	5.8	5.7											5.7	0.4	5.8	
Plate	StB	B	B1			6.0	4.2	30.0	5.5	5.2	5.5	5.7	5.7										5.5	0.5	8.0	
Plate	StB	B	B2			6.0	4.2	30.0	5.7	5.8	5.9												5.8	0.2	3.3	
Plate	StB	B	B3			6.0	4.2	30.0	5.8	6.0	5.6												5.8	0.2	3.3	
Plate	StB	B	B4			6.0	4.2	30.0	5.8	5.9	5.9												5.9	0.1	2.2	
Plate	StB	B	B5			6.0	4.2	30.0	5.8	5.7	5.8	5.8	5.8										5.8	0.2	3.7	

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Operator's signature:

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Operator's signature:

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1	Structure :		TRANSVERSE BHD, Fr.28																										
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, mm	Allowable residual thickness, mm	Max. allow.deminution %	Remaining thickness gauged Si, MM															Average values			Notes		
																								Residial thickness S1,	Deminution				
									absolute	relative																			
									MM	MM	%																		
2	3	4	5	6	7	8	9	10	11															12	13	14	15		
Plate	PS		A1			8.0	5.6	30.0	7.2	7.2	7.0															7.1	0.9	10.8	
Plate	PS		B1			8.0	5.6	30.0	8.0	7.0	7.3															7.4	0.6	7.1	
Plate	PS		C1			6.0	4.2	30.0	5.9	6.0																6.0	0.0	0.8	
Plate	PS		C2			6.0	4.2	30.0	5.3	5.2	5.1	5.2														5.2	0.8	13.3	
Plate	PS		D1			6.0	4.2	30.0	6.0																	6.0	0.0	0.0	
Plate	PS		D2			6.0	4.2	30.0	5.6	5.7	5.3															5.5	0.5	7.8	
Plate	StB		A1			8.0	5.6	30.0	7.0	7.1	7.2															7.1	0.9	11.3	
Plate	StB		B1			8.0	5.6	30.0	7.9	7.8	7.7	7.2														7.7	0.4	4.4	
Plate	StB		C1			6.0	4.2	30.0	6.0																	6.0	0.0	0.0	
Plate	StB		C2			6.0	4.2	30.0	5.1	5.1	5.2	5.2	5.2													5.2	0.8	14.0	
Plate	StB		D1			6.0	4.2	30.0	6.0	5.9																6.0	0.0	0.8	
Plate	StB		D2			6.0	4.2	30.0	5.8	5.3	5.8	5.5														5.6	0.4	6.7	
Stiffener	PS		1			6.0	4.2	30.0	5.8	5.6																5.7	0.3	5.0	
Stiffener	PS		2			6.0	4.2	30.0	5.7	5.6																5.7	0.4	5.8	
Stiffener	PS		3			7.0	4.9	30.0	6.0	6.1																6.1	1.0	13.6	
Stiffener	PS		4			7.0	4.9	30.0	6.1	6.2																6.2	0.9	12.1	
Stiffener	PS		5			7.0	4.9	30.0	6.3	6.2																6.3	0.8	10.7	
Stiffener	PS		6			7.0	4.9	30.0	6.5	6.3																6.4	0.6	8.6	
Stiffener	StB		1			6.0	4.2	30.0	5.7	5.7																5.7	0.3	5.0	
Stiffener	StB		2			6.0	4.2	30.0	5.6	5.6																5.6	0.4	6.7	
Stiffener	StB		3			7.0	4.9	30.0	6.2	6.0																6.1	0.9	12.9	
Stiffener	StB		4			7.0	4.9	30.0	6.2	6.3																6.3	0.8	10.7	
Stiffener	StB		5			7.0	4.9	30.0	6.4	6.2																6.3	0.7	10.0	
Stiffener	StB		6			7.0	4.9	30.0	6.0	6.2																6.1	0.9	12.9	

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Report on thickness measurements of all shell, deck plating, structural members

Ship's name

UZAVA

IMO No

8847478

Report №

MT-69-21

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	Substantial corr

1	Structure :		WEB FRAME 34																							
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, mm	Allowable residual thickness, mm	Max. allow deminution %	Remaining thickness gauged Si, MM														Average values			Notes
																							Residual thickness S1,	Deminution		
																								absolute	relative	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS		A1			7.0	4.9	30.0	6.7	6.6	6.5												6.6	0.4	5.7	
Floor web	PS		A2			6.0	4.2	30.0	5.4														5.4	0.6	10.0	
Floor flange	PS		A2			8.0	5.6	30.0	7.6														7.6	0.4	5.0	
Floor web	PS		A3			6.0	4.2	30.0	5.3														5.3	0.7	11.7	
Floor flange	PS		A3			8.0	5.6	30.0	7.6														7.6	0.4	5.0	
Plate	PS		B1			8.0	5.6	30.0	7.6	7.5	7.7												7.6	0.4	5.0	
Frame	PS		B2			6.0	4.2	30.0	5.3	5.4													5.4	0.7	10.8	
Plate	PS		C1			6.0	4.2	30.0	5.7	5.6													5.7	0.4	5.8	
Plate	PS		D1			6.0	4.2	30.0	5.5	5.6	5.3												5.5	0.5	8.9	
Beam	PS		D2			6.0	4.2	30.0	5.5	5.6													5.6	0.5	7.5	
Bracket	PS		BR1			8.0	5.6	30.0	7.4														7.4	0.6	7.5	
Bracket	PS		BR2			8.0	5.6	30.0	7.6														7.6	0.4	5.0	
Bracket	PS		BR3			8.0	5.6	30.0	7.7														7.7	0.3	3.8	
Stiffener	PS		1			6.0	4.2	30.0	5.5	5.4													5.5	0.6	9.2	
Plate	StB		A1			7.0	4.9	30.0	6.5	6.4													6.5	0.6	7.9	
Floor web	StB		A2			6.0	4.2	30.0	5.3														5.3	0.7	11.7	
Floor flange	StB		A2			8.0	5.6	30.0	7.5														7.5	0.5	6.3	
Floor web	StB		A3			6.0	4.2	30.0	5.4														5.4	0.6	10.0	
Floor flange	StB		A3			8.0	5.6	30.0	7.4														7.4	0.6	7.5	
Plate	StB		B1			8.0	5.6	30.0	7.6	7.5													7.6	0.5	5.6	
Frame	StB		B2			6.0	4.2	30.0	5.3	5.4													5.4	0.7	10.8	
Plate	StB		C1			6.0	4.2	30.0	5.6	5.5	5.6												5.6	0.4	7.2	
Plate	StB		D1			6.0	4.2	30.0	5.8	5.3													5.6	0.5	7.5	
Beam	StB		D2			6.0	4.2	30.0	5.3	5.4													5.4	0.7	10.8	
Bracket	StB		BR1			8.0	5.6	30.0	7.3														7.3	0.7	8.8	
Bracket	StB		BR2			8.0	5.6	30.0	7.4														7.4	0.6	7.5	
Bracket	StB		BR3			8.0	5.6	30.0	7.6														7.6	0.4	5.0	
Stiffener	StB		1			6.0	4.2	30.0	5.4	5.6													5.5	0.5	8.3	

Operator's signature:



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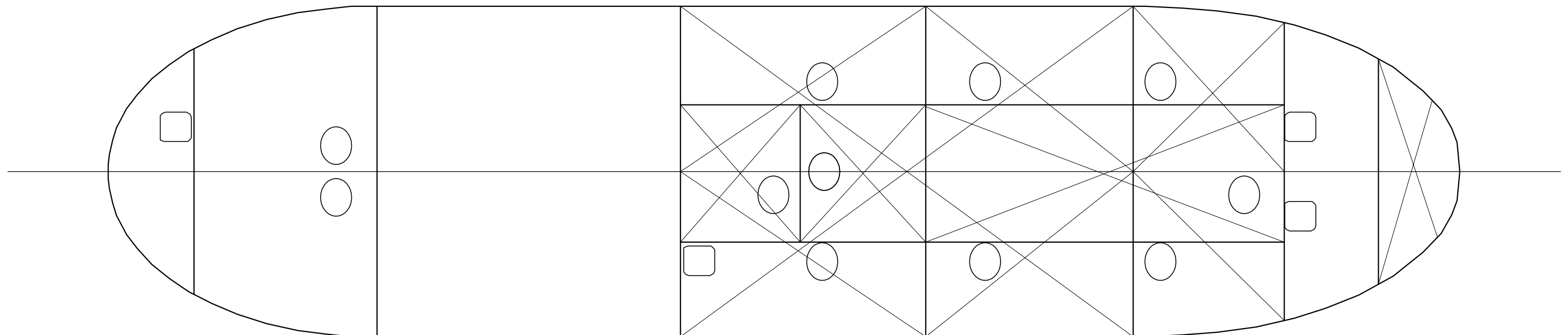
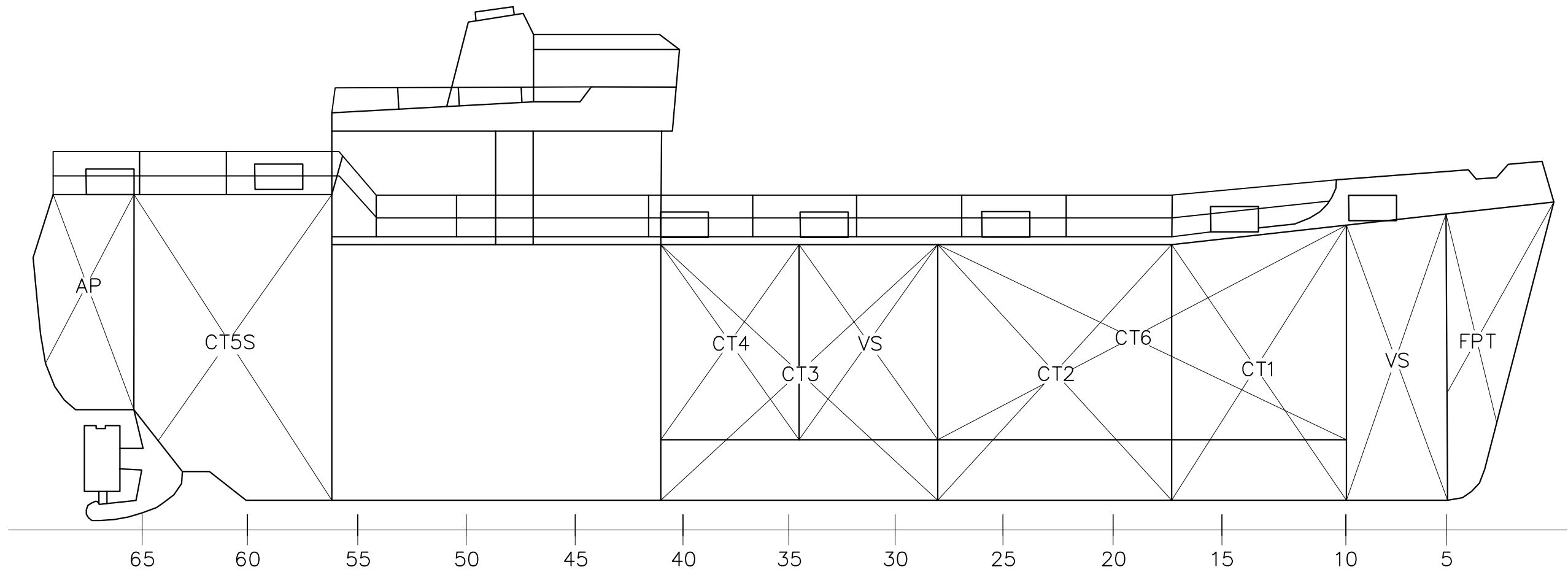
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Substantial corr

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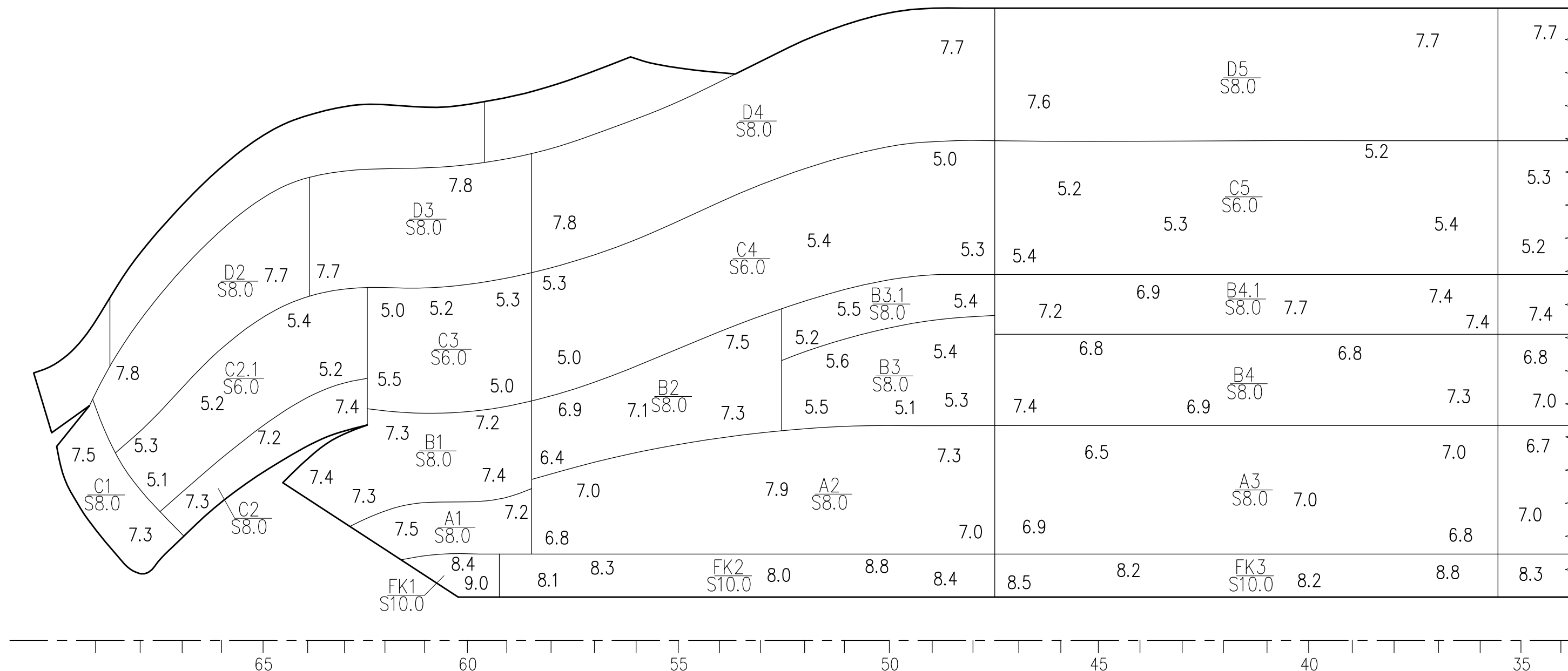
TANK PLAN

m/v "UZAVA"
IMO 8847478
Report: MT-69-21



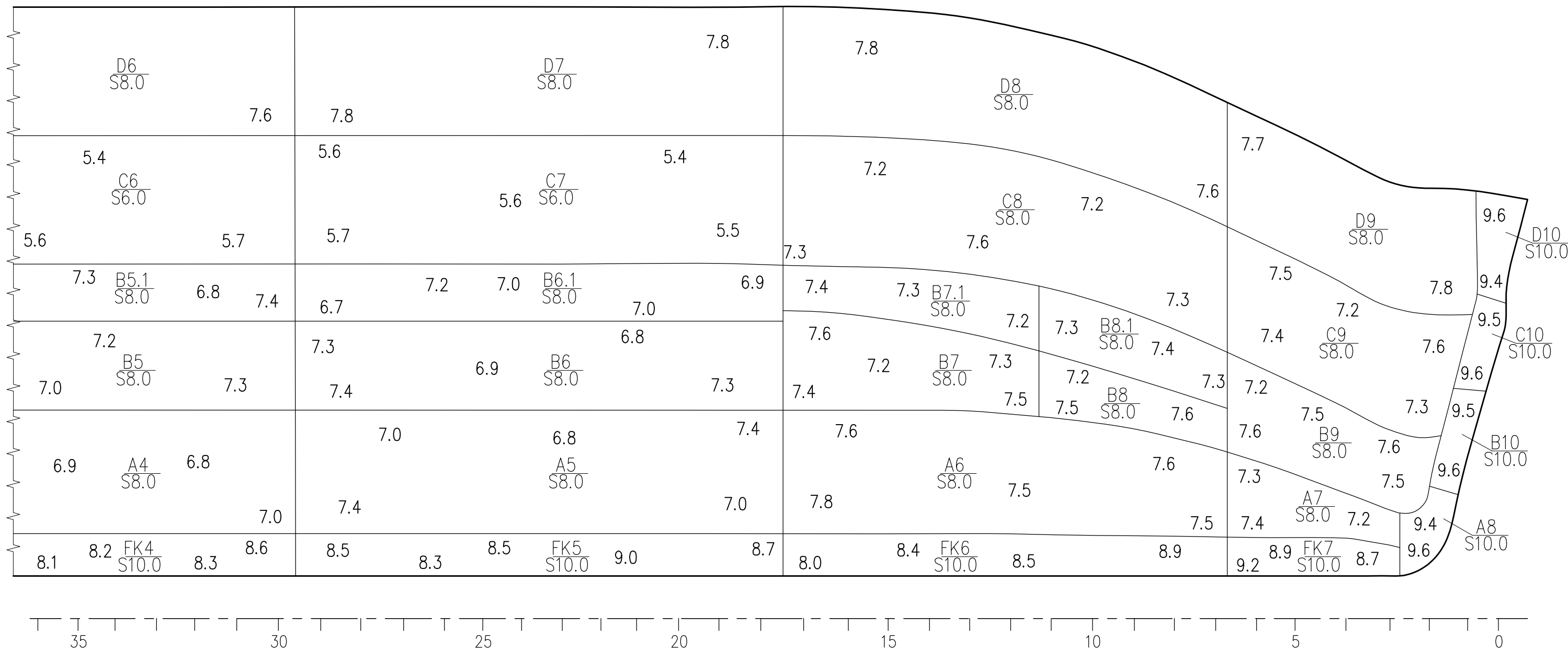
SHELL PLATING STB

m/v "UZAVA"
IMO 8847478
Report: MT-69-21



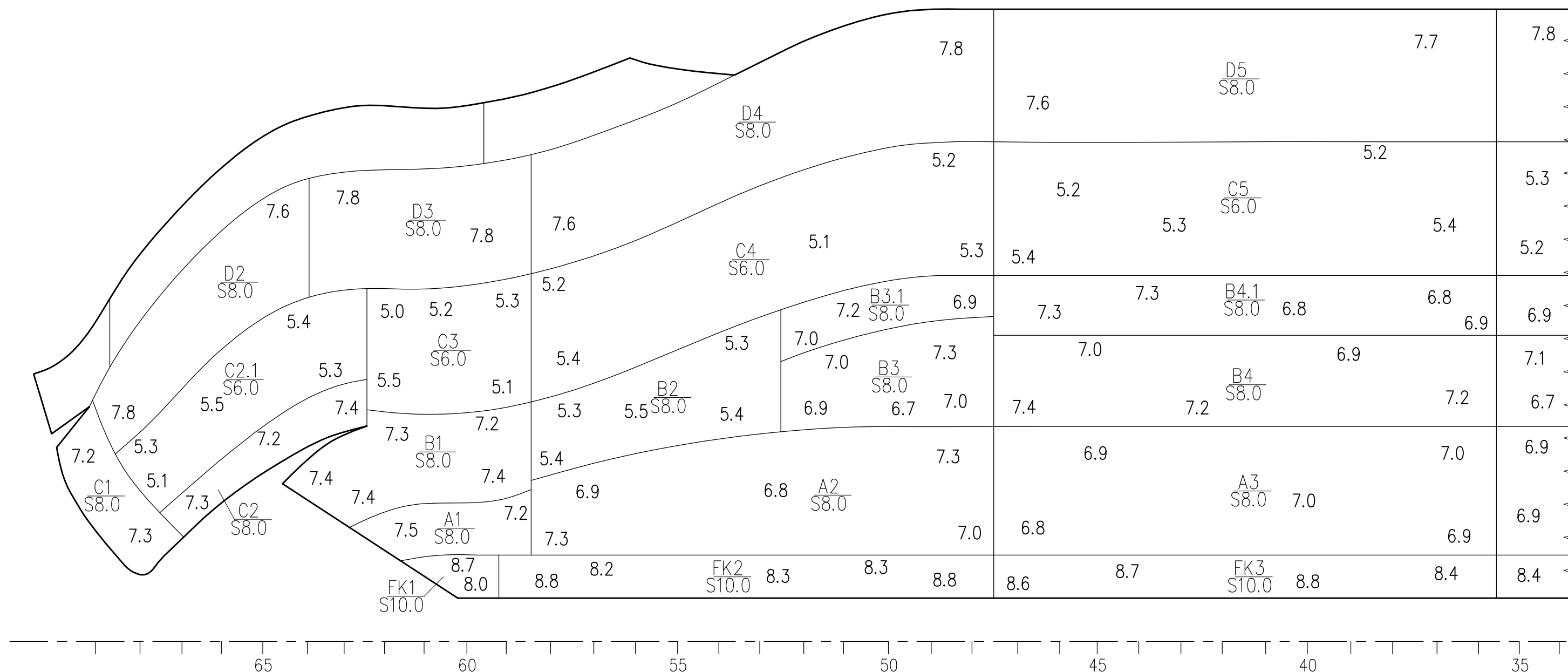
SHELL PLATING STB

m/v "UZAVA"
IMO 8847478
Report: MT-69-21



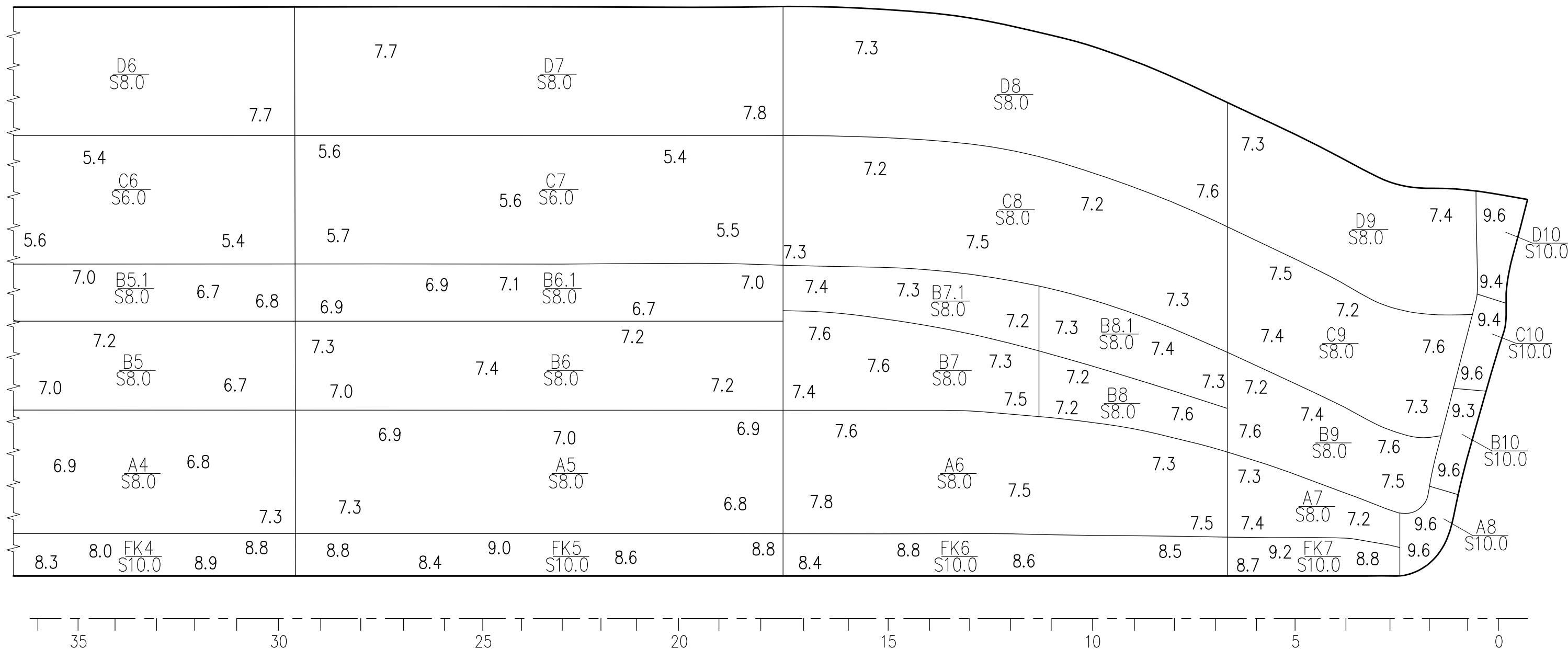
SHELL PLATING PS

m/v "UZAVA"
IMO 8847478
Report: MT-69-21



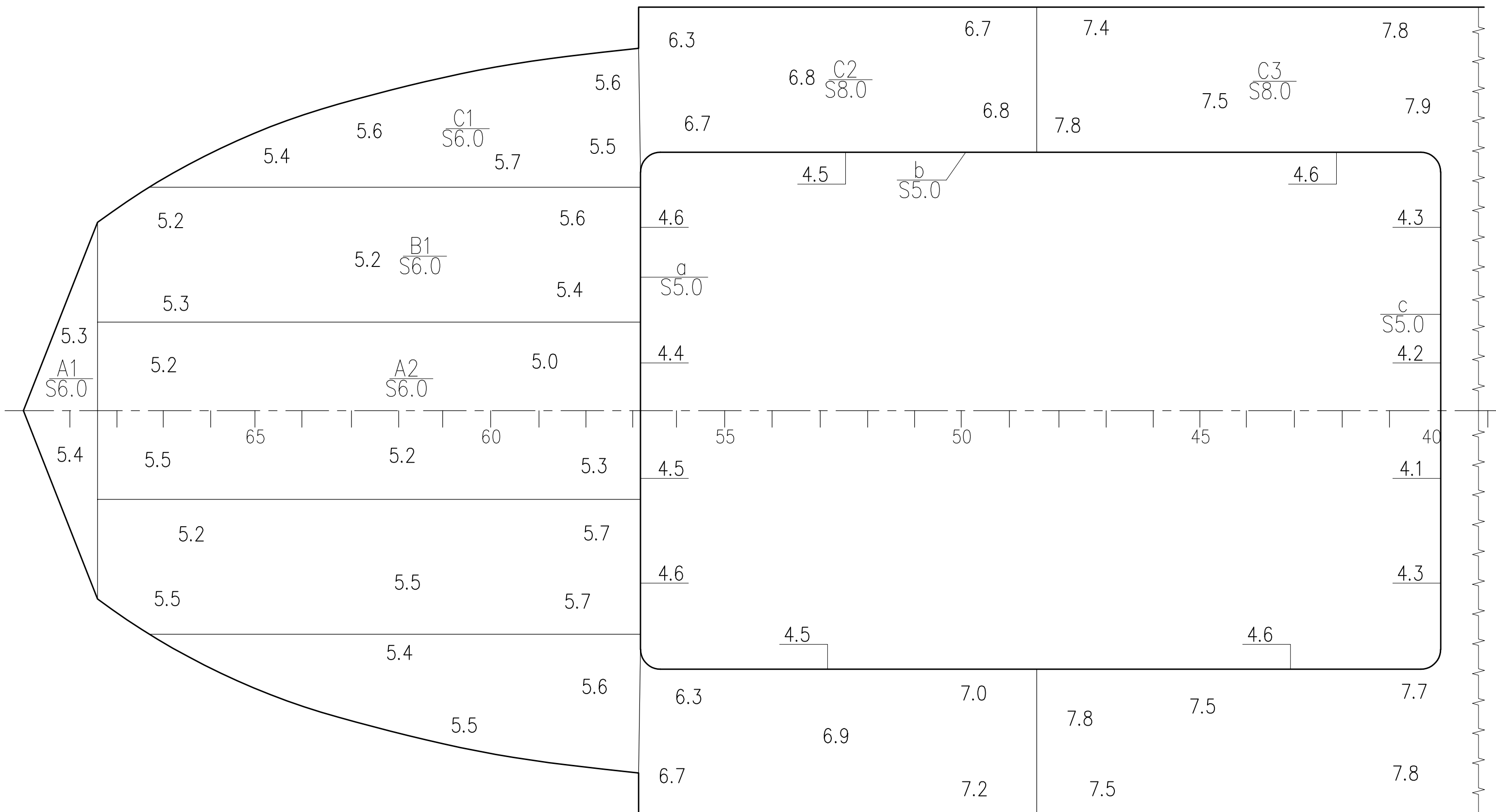
SHELL PLATING PS

m/v "UZAVA"
IMO 8847478
Report: MT-69-21



MAIN DECK

m/v "UZAVA"
IMO 8847478
Report: MT-69-21



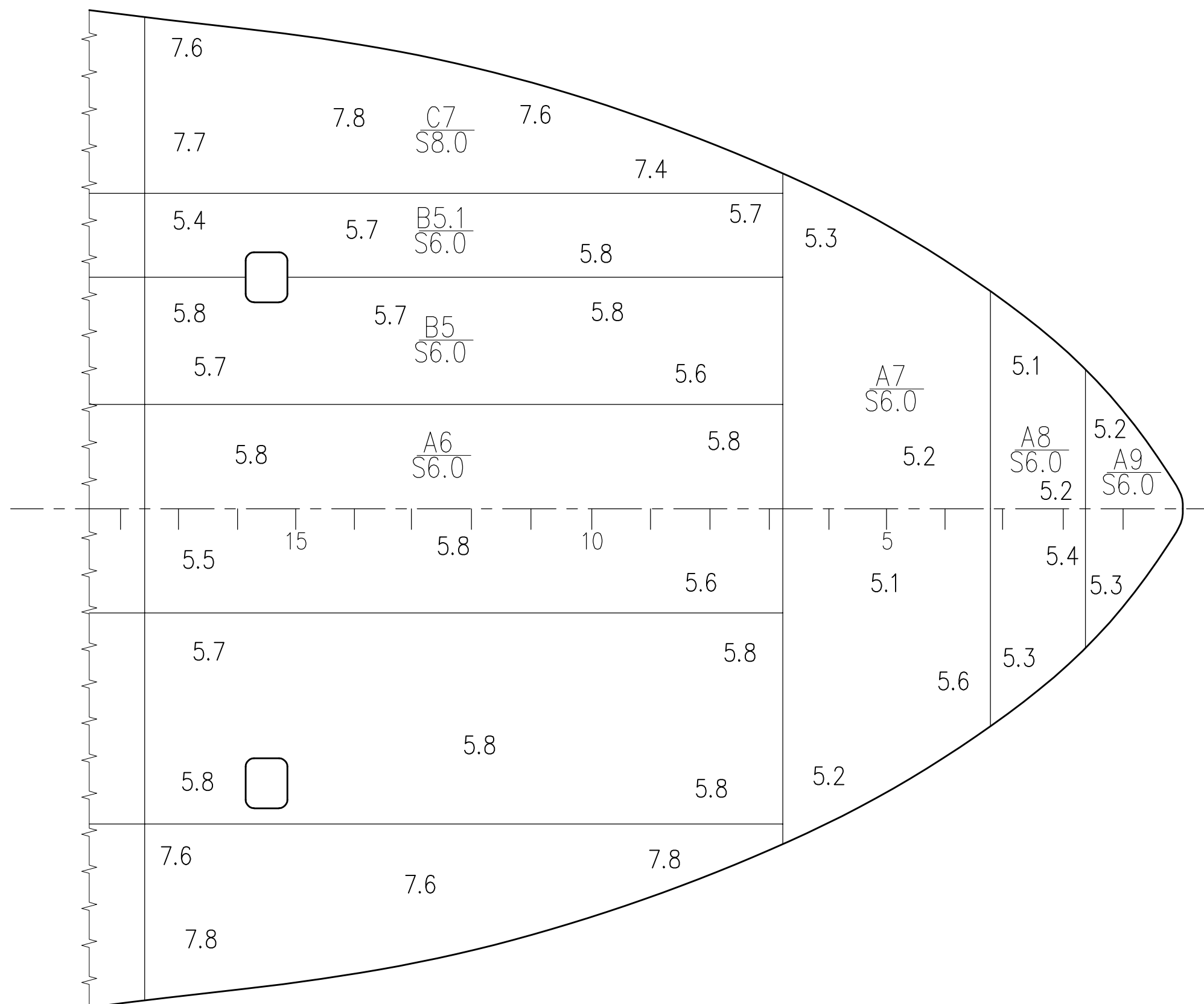
MAIN DECK

m/v "UZAVA"
 IMO 8847478
 Report: MT-69-21

7.8 C4 S8.0 7.9	7.7	7.6 C5 S8.0 7.7	7.7	7.8 7.7 C6 S8.0 7.6	7.7
5.8 B2 S6.0 5.9	5.8	5.8 B3 S6.0 5.9	5.7	5.8 B4 S6.0 5.8	5.7
5.7 A3 S6.0	4.5	4.5 A4 S6.0	30	5.8 A5 S6.0	20
40 5.9	35 4.6	30 4.5	25 5.8	20 5.9	
5.7 5.8 5.9	5.8 6.0 5.6	5.8 5.9 5.9	5.8 5.9 5.9	5.8 5.9 5.9	
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MAIN DECK

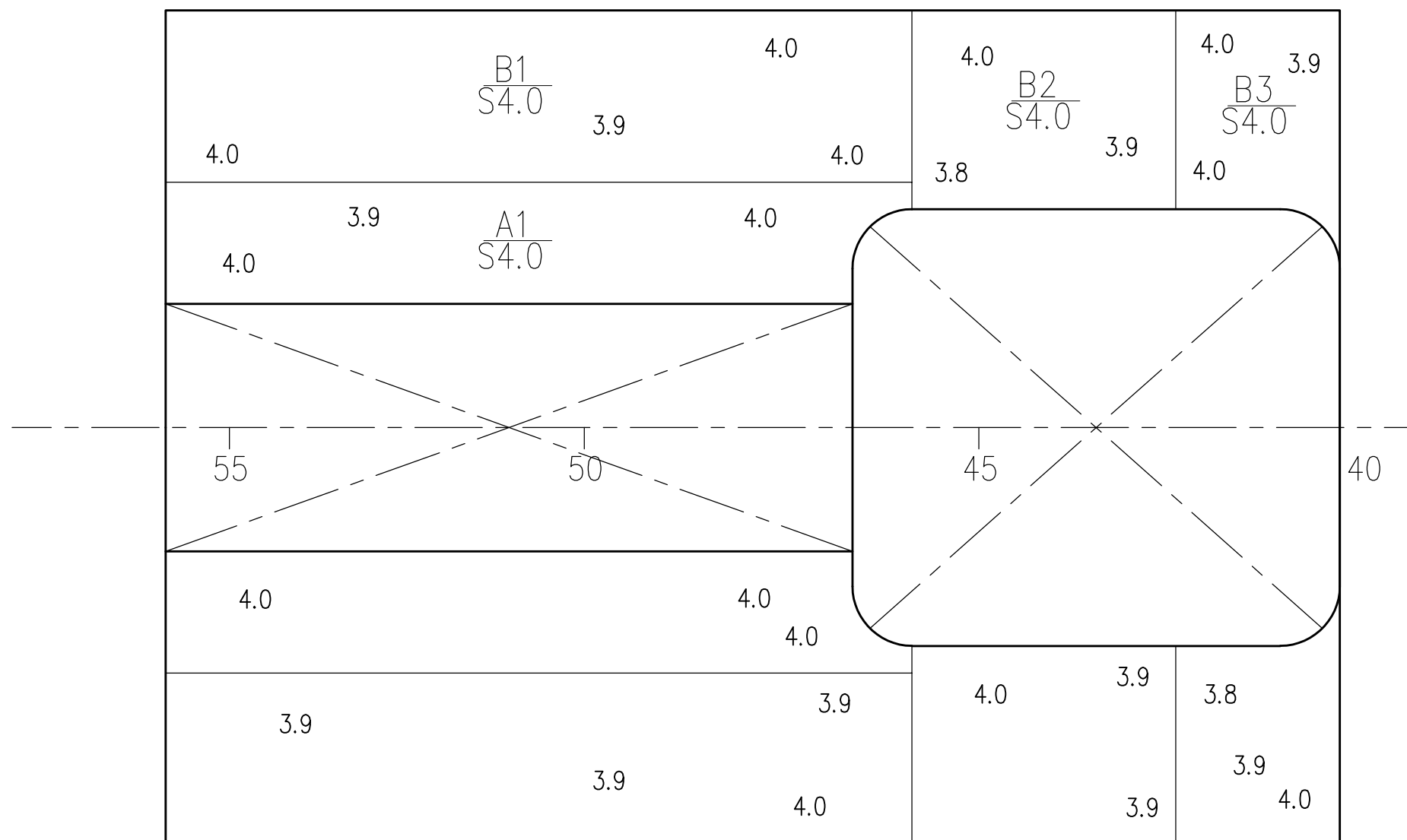
m/v "UZAVA"
IMO 8847478
Report: MT-69-21



BRIDGE DECK

m/v "UZAVA"
IMO 8847478
Report: MT-69-21

PS



STB

UPPER BRIDGE DECK

m/v "UZAVA"
 IMO 8847478
 Report: MT-69-21

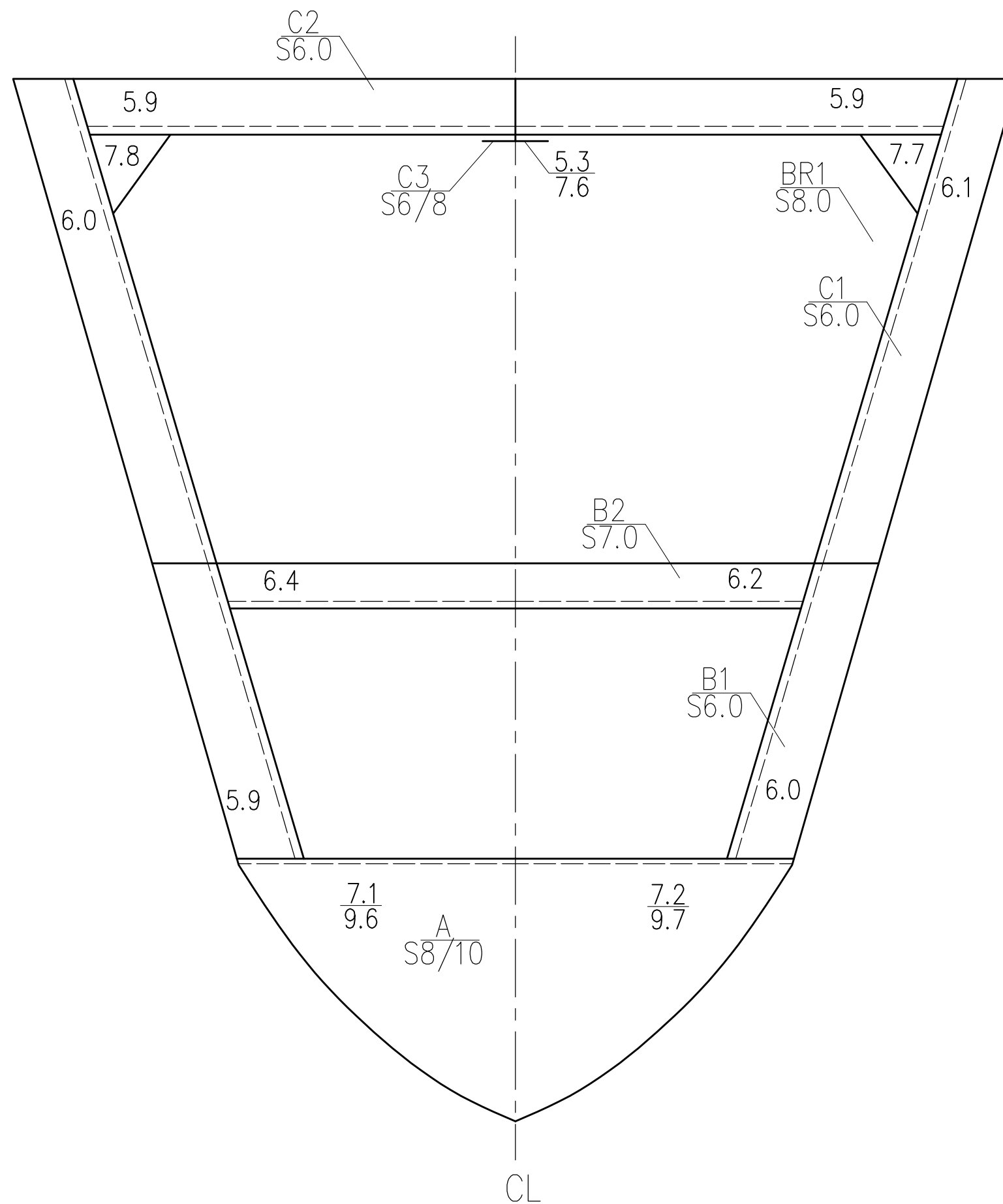
PS

3.8 B1 S4.0 3.5	3.4 B2 S4.0 3.5	3.4 B3 S4.0 3.6
5.6 A1 S6.0	5.3 A2 S6.0	
5.4 5.6	45 5.6 5.4	40 5.5
3.2 3.5	3.6 3.5 3.4	3.6 3.6

STB

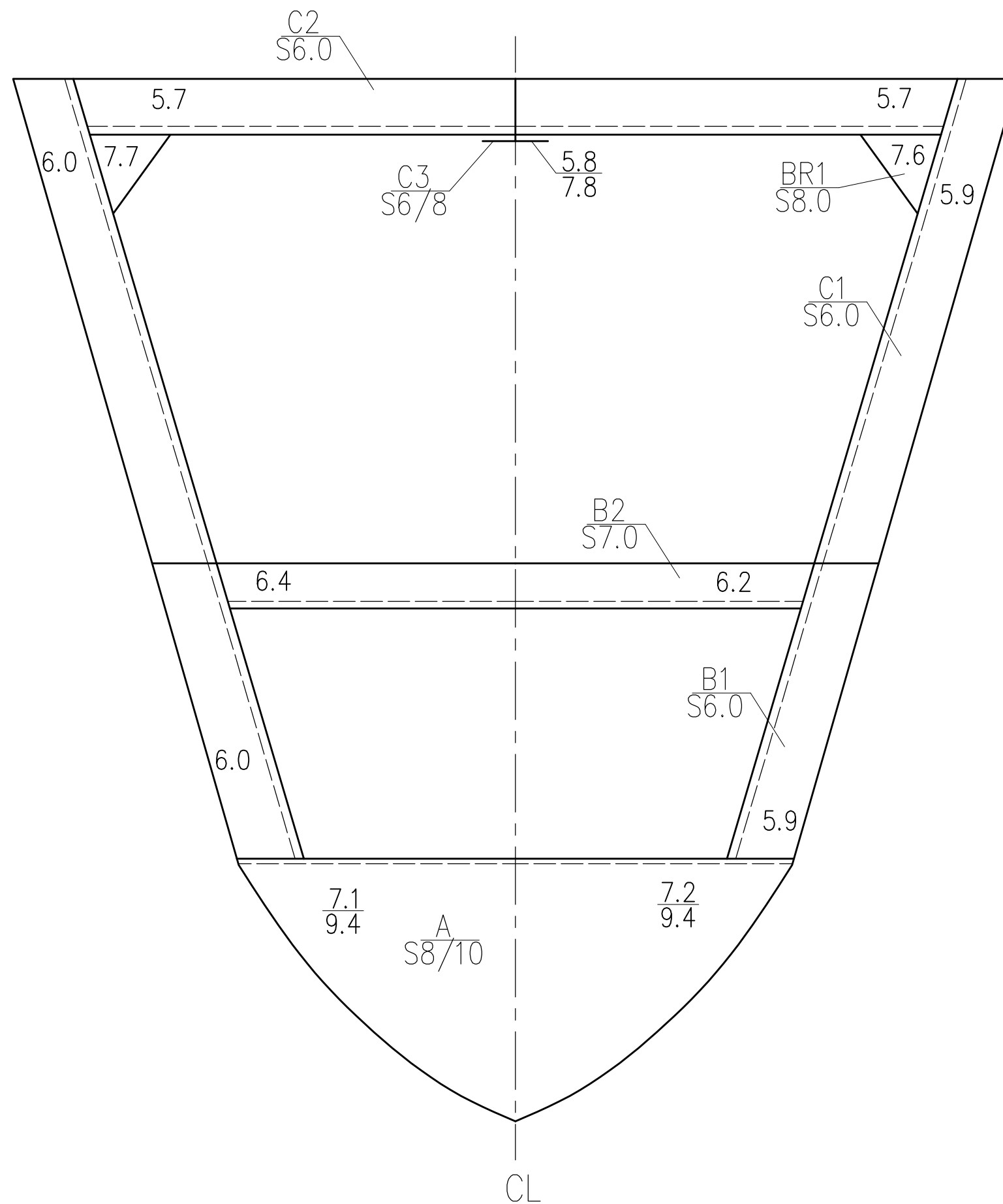
FOREPEAK Fr. 2

m/v "UZAVA"
 IMO 8847478
 Report: MT-69-21



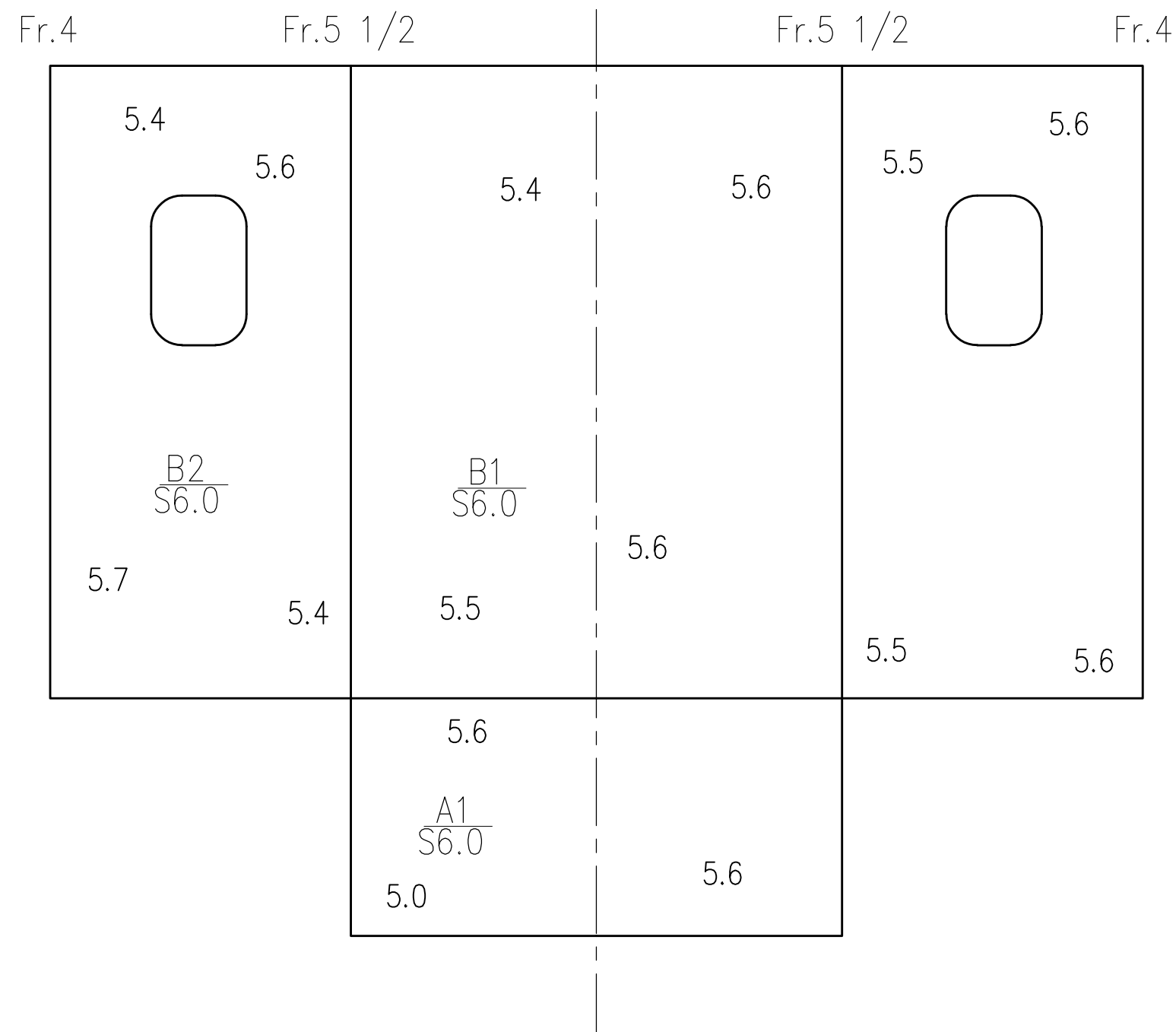
FOREPEAK
Fr. 3

m/v "UZAVA"
IMO 8847478
Report: MT-69-21

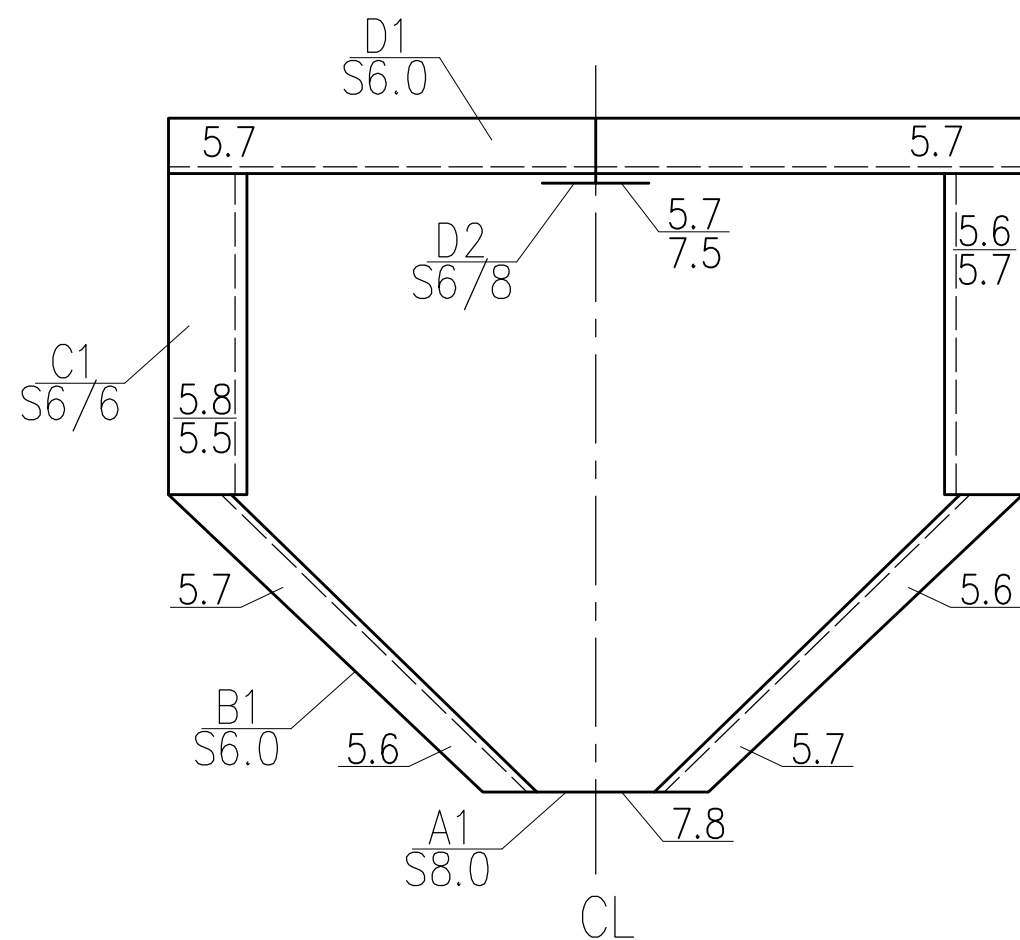


CHAIN LOCKER

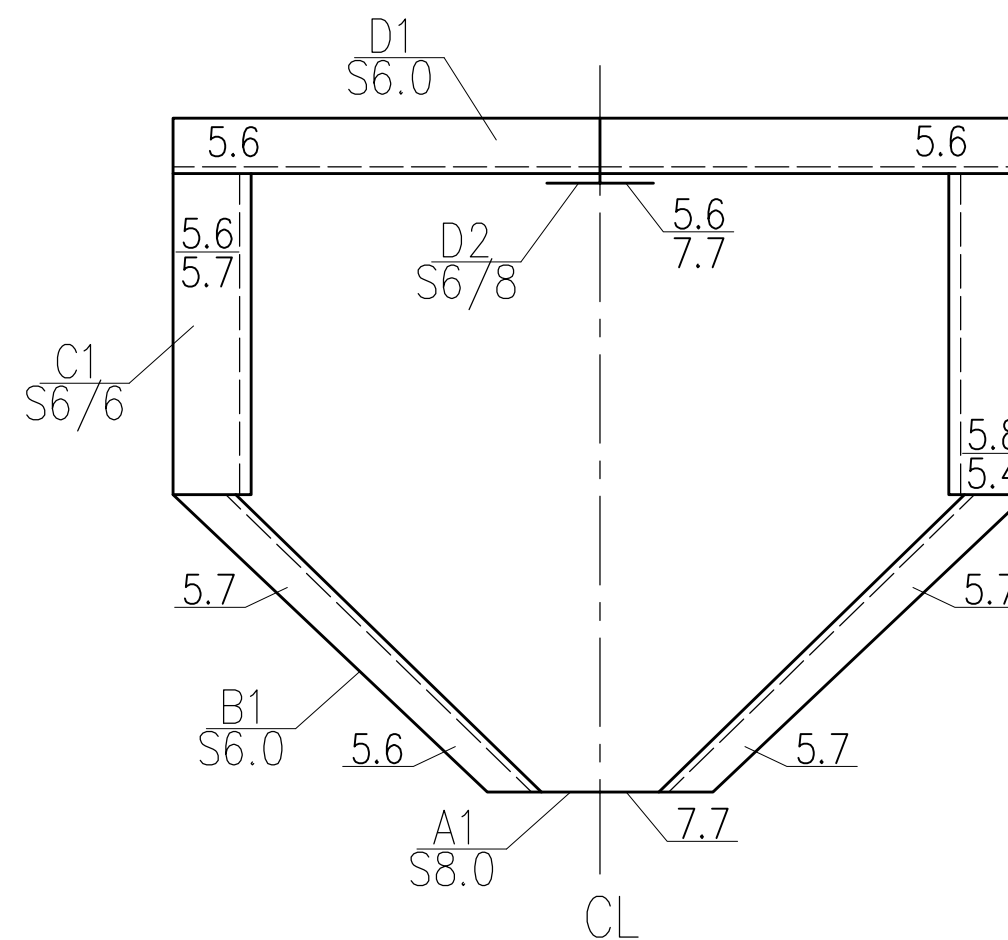
m/v "UZAVA"
IMO 8847478
Report: MT-69-21



Fr.66

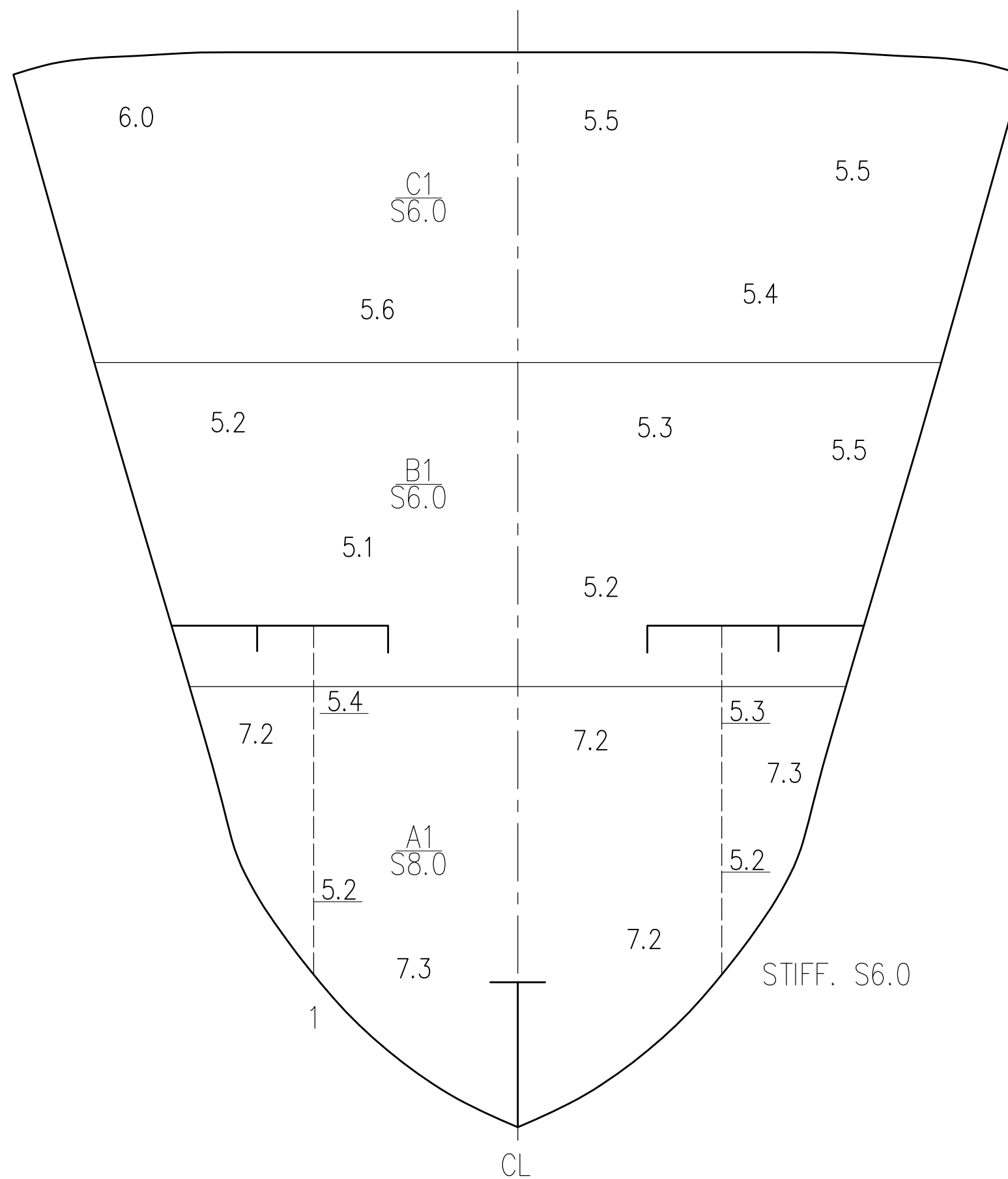


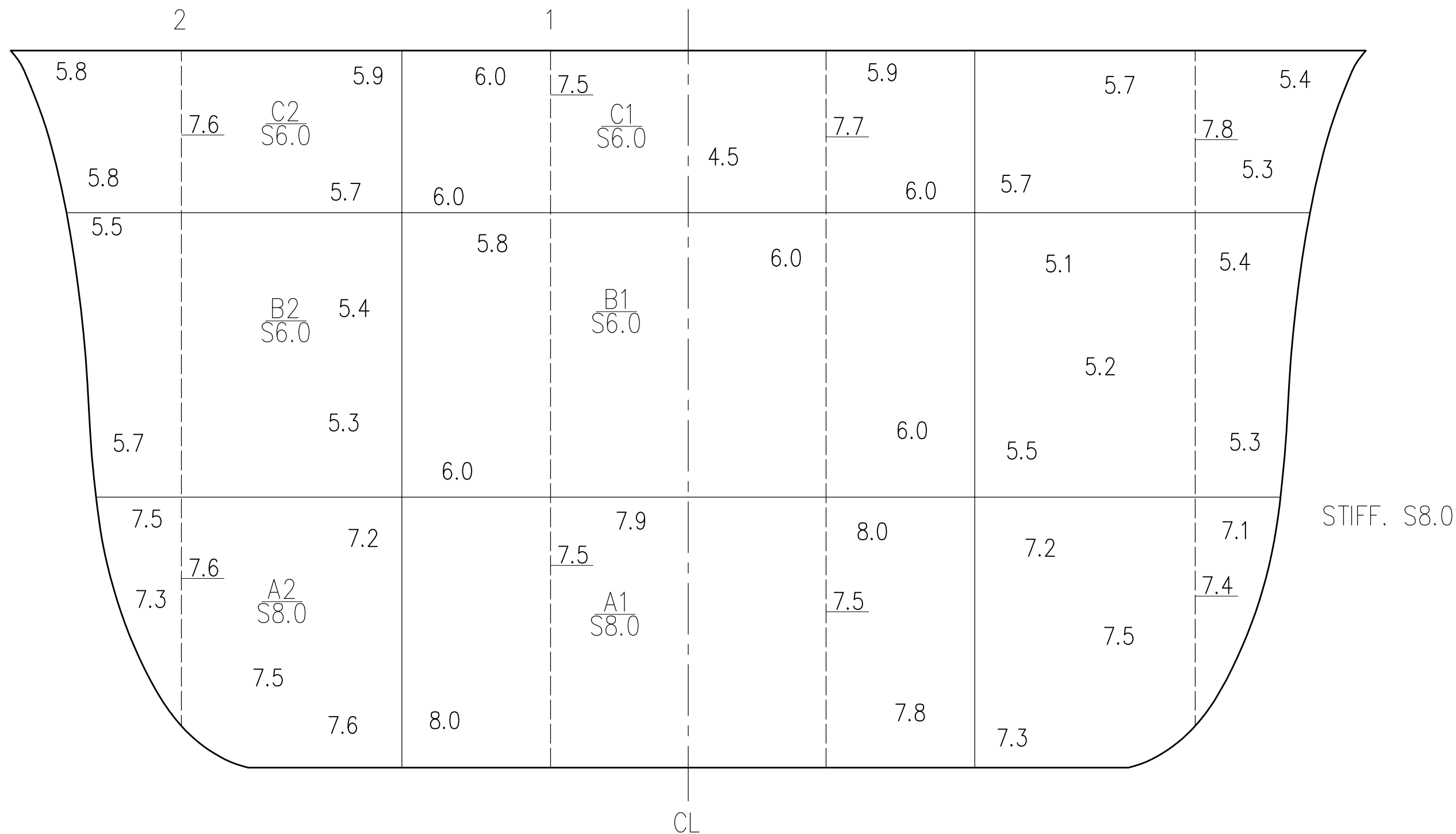
Fr.67

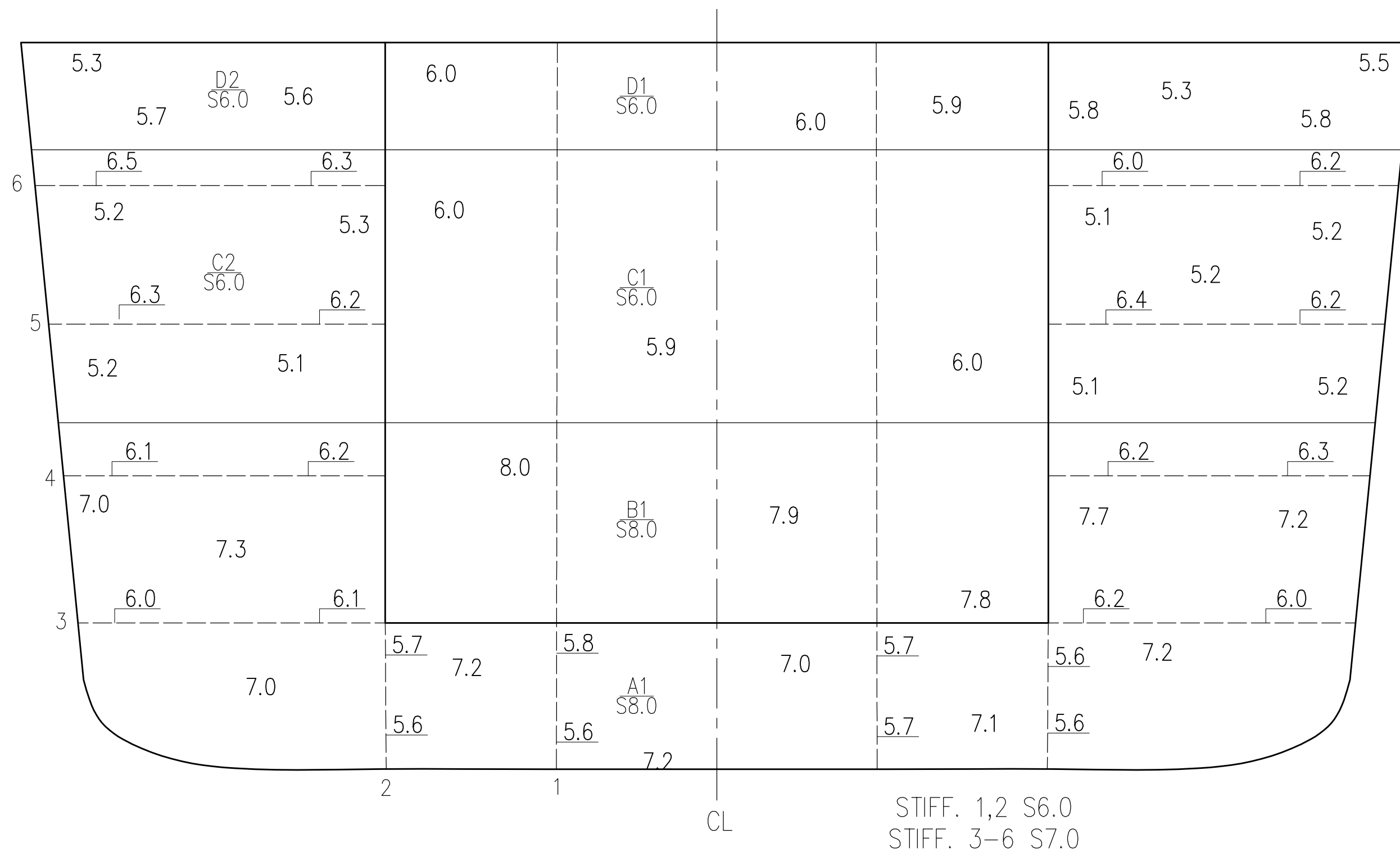


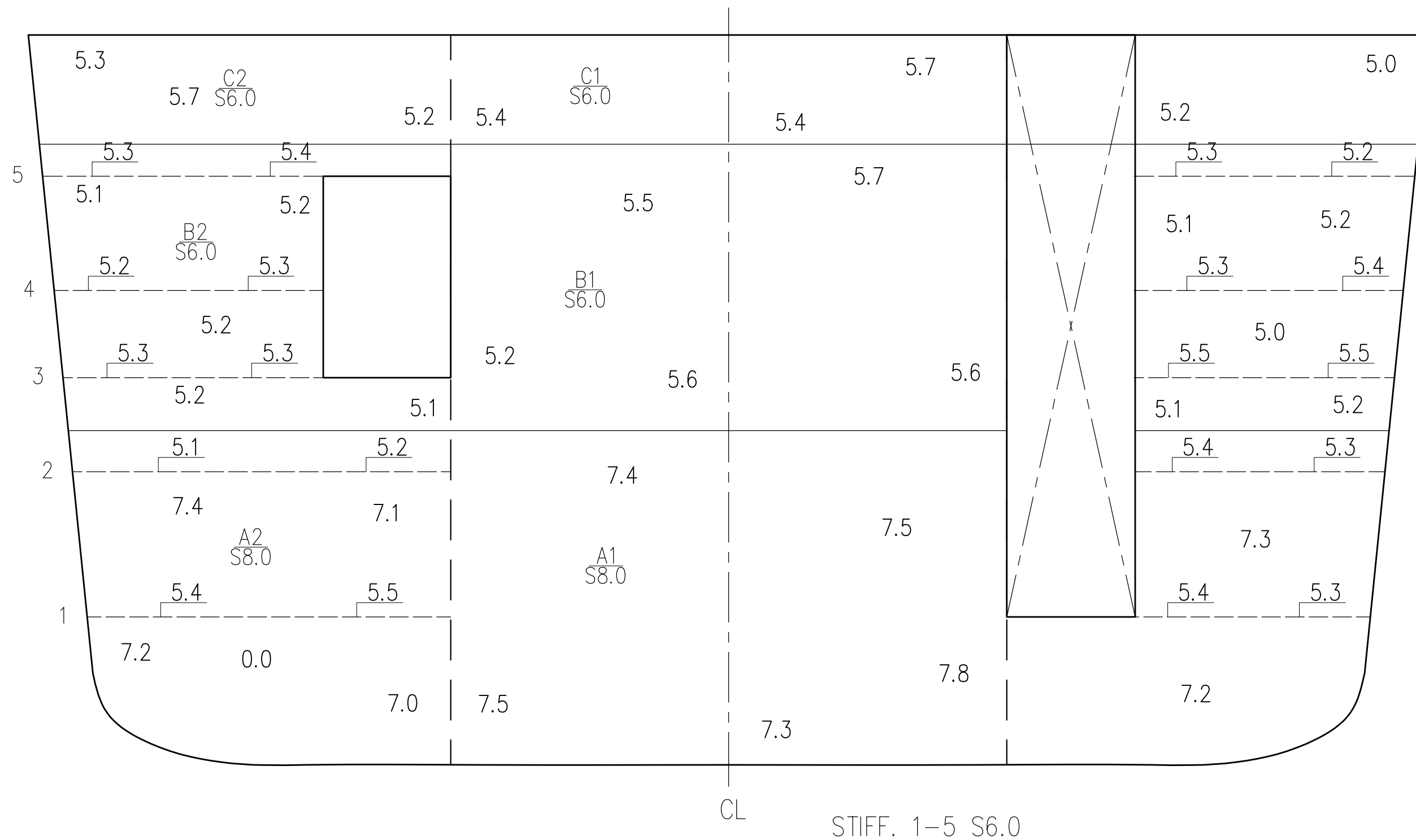
TBHD Fr.4

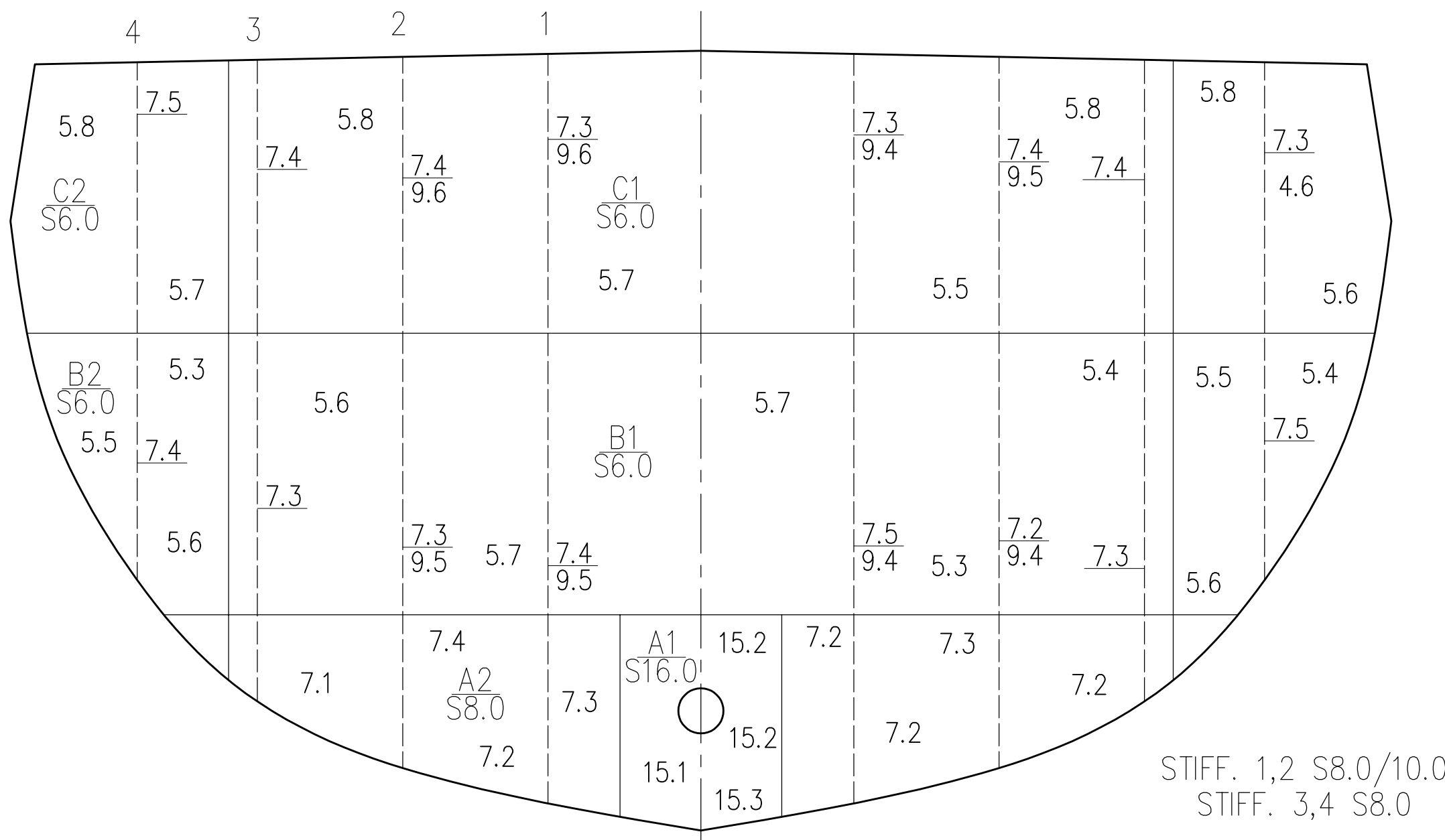
m/v "UZAVA"
 IMO 8847478
 Report: MT-69-21

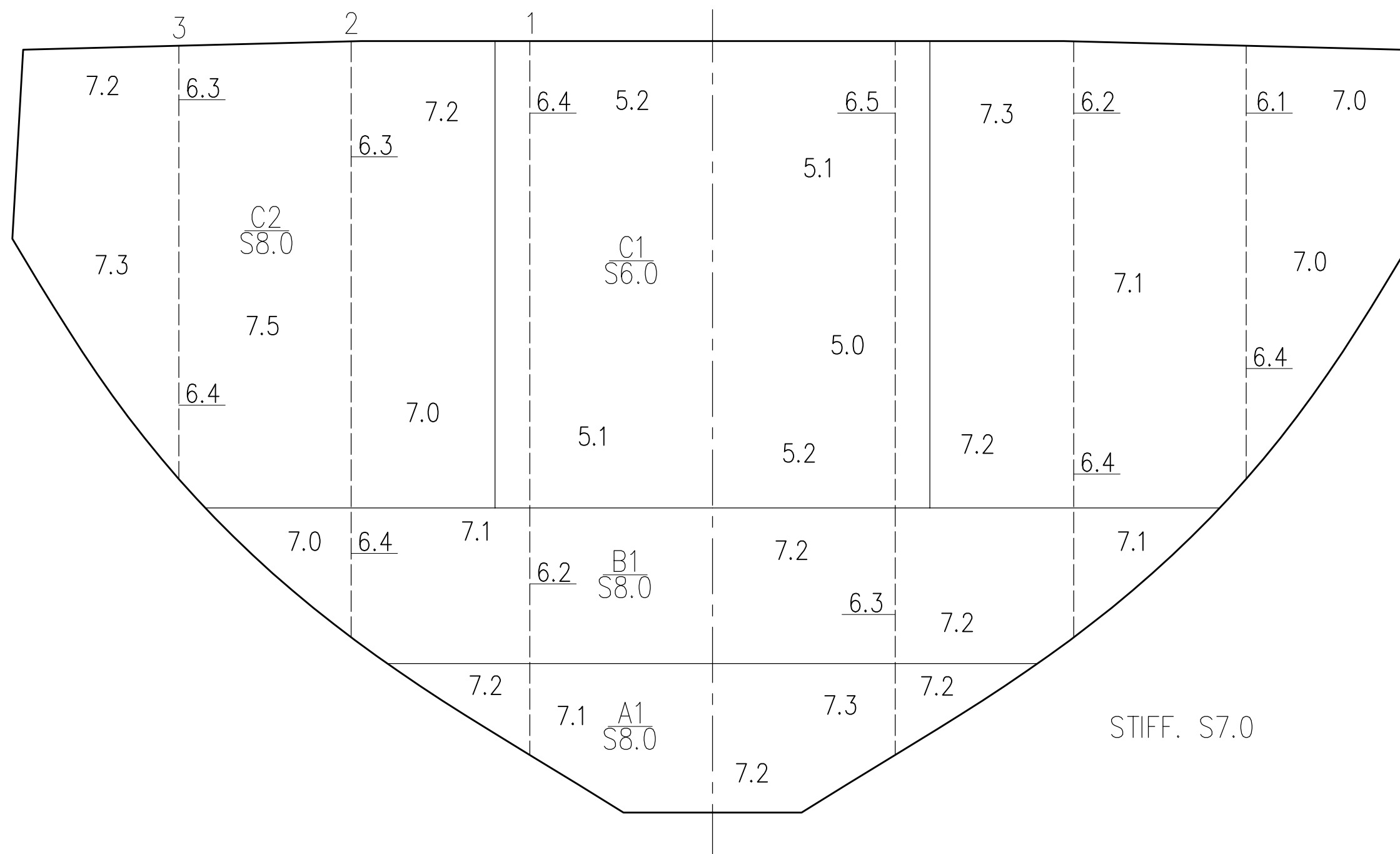


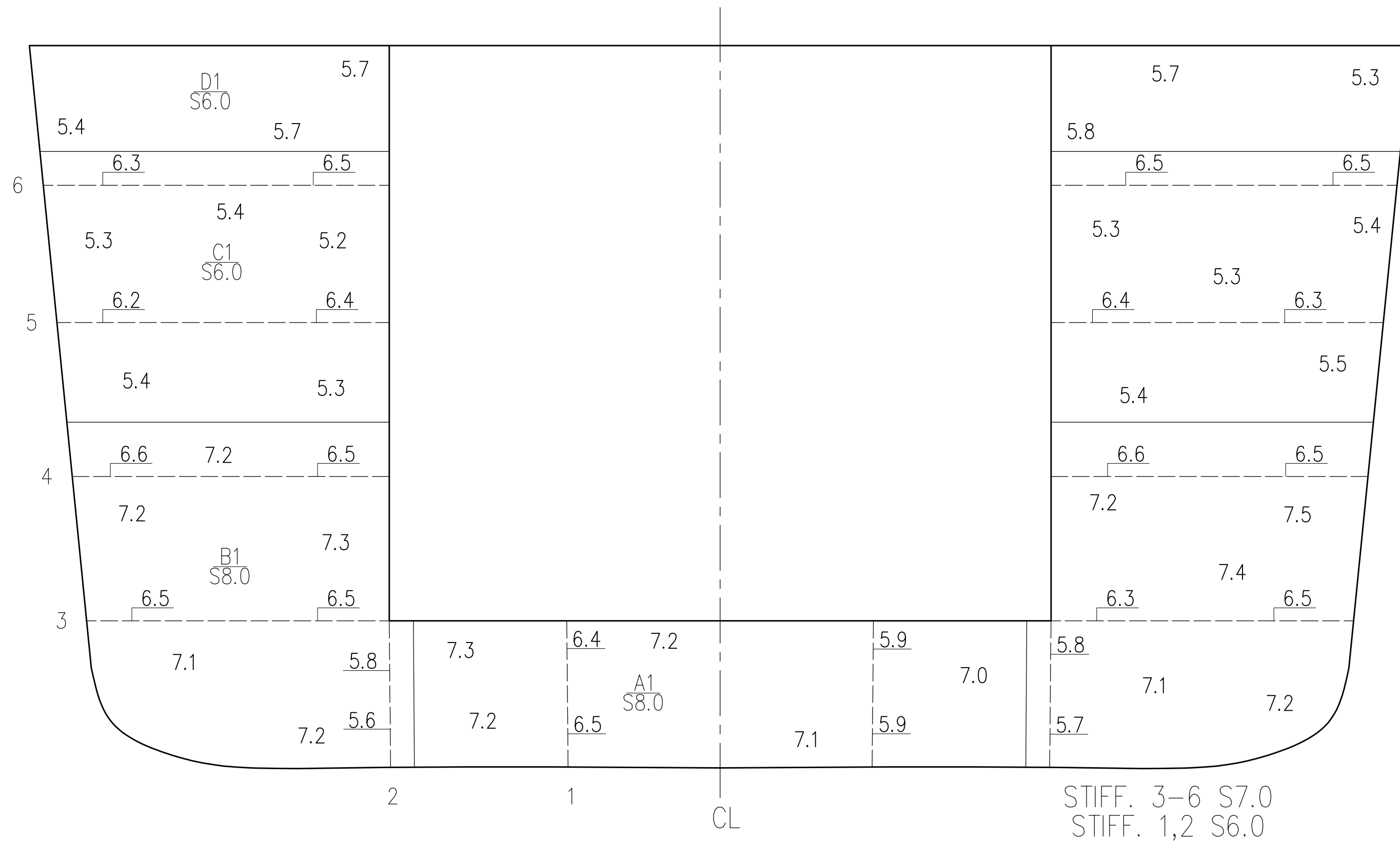






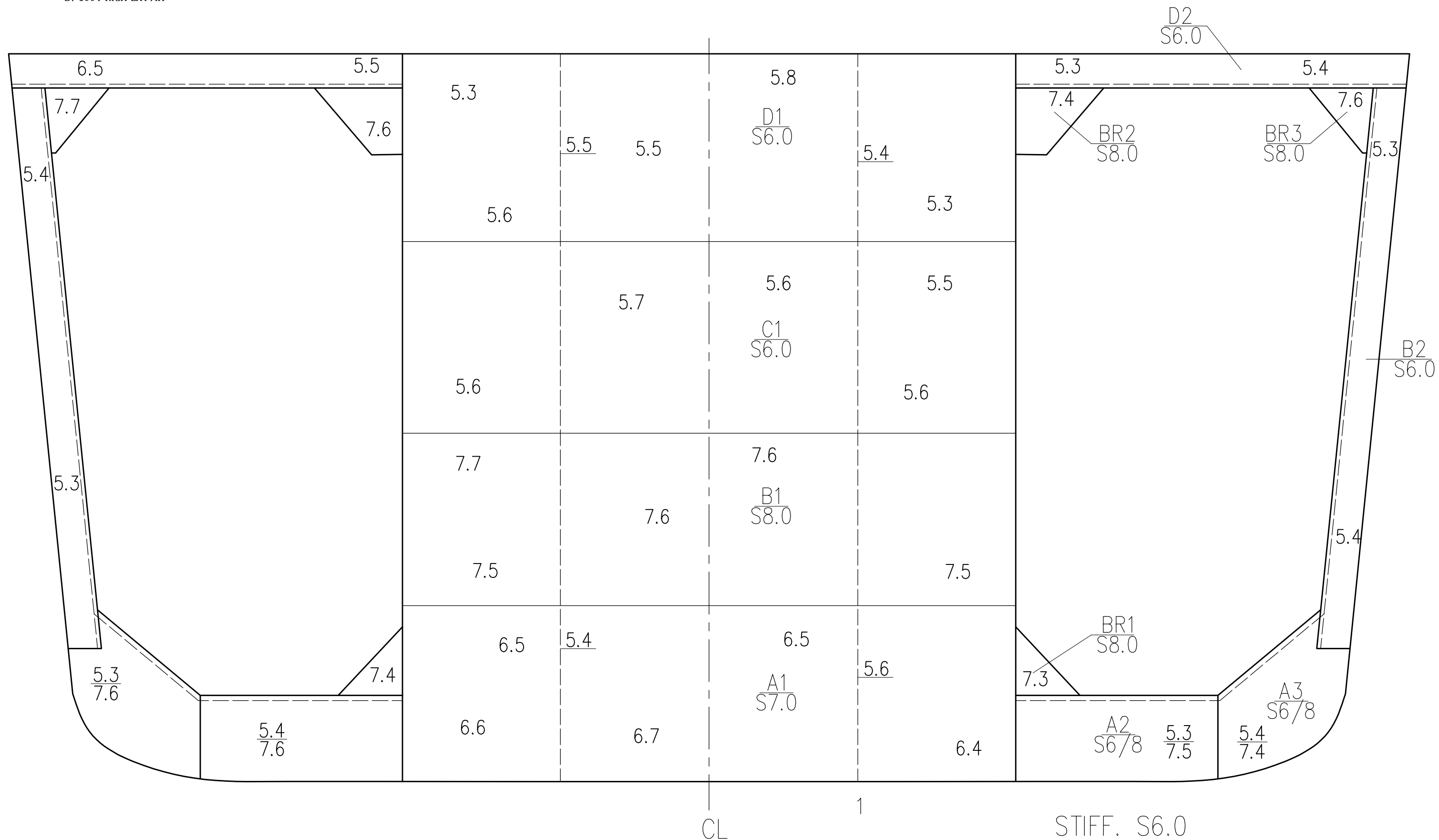






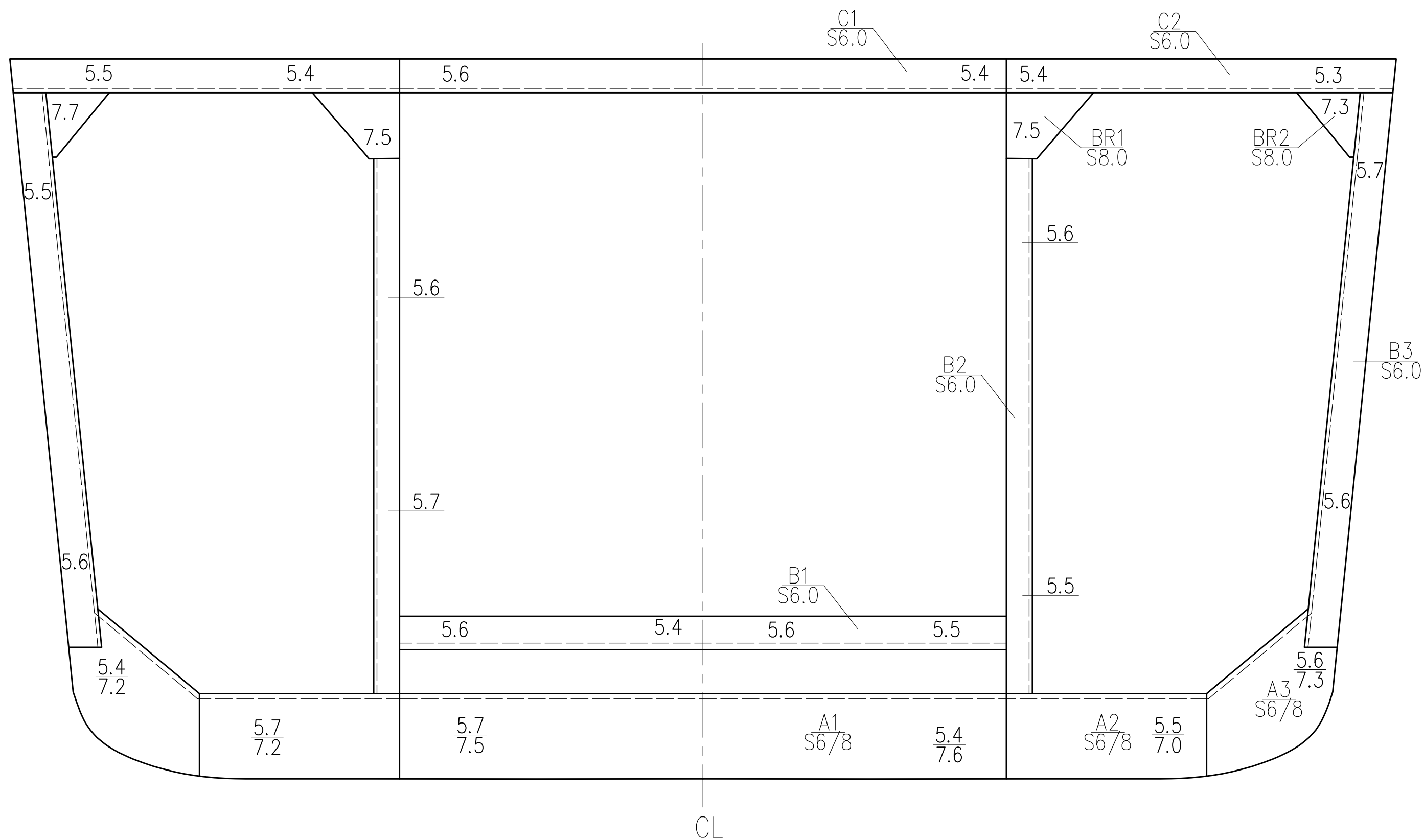
WEB FRAME 34

m/v "UZAVA"
IMO 8847478
Report: MT-69-21



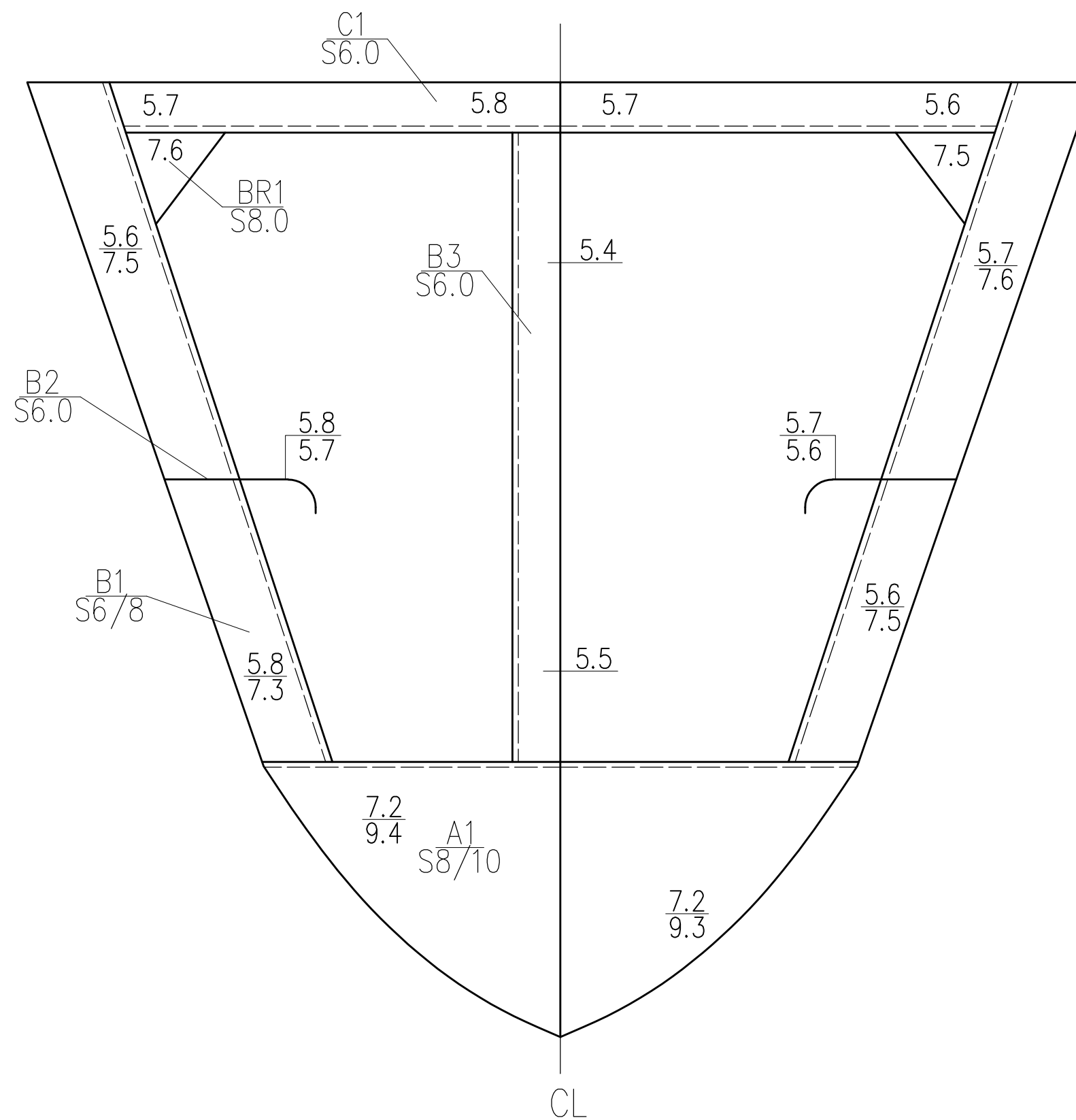
WEB FRAME 22

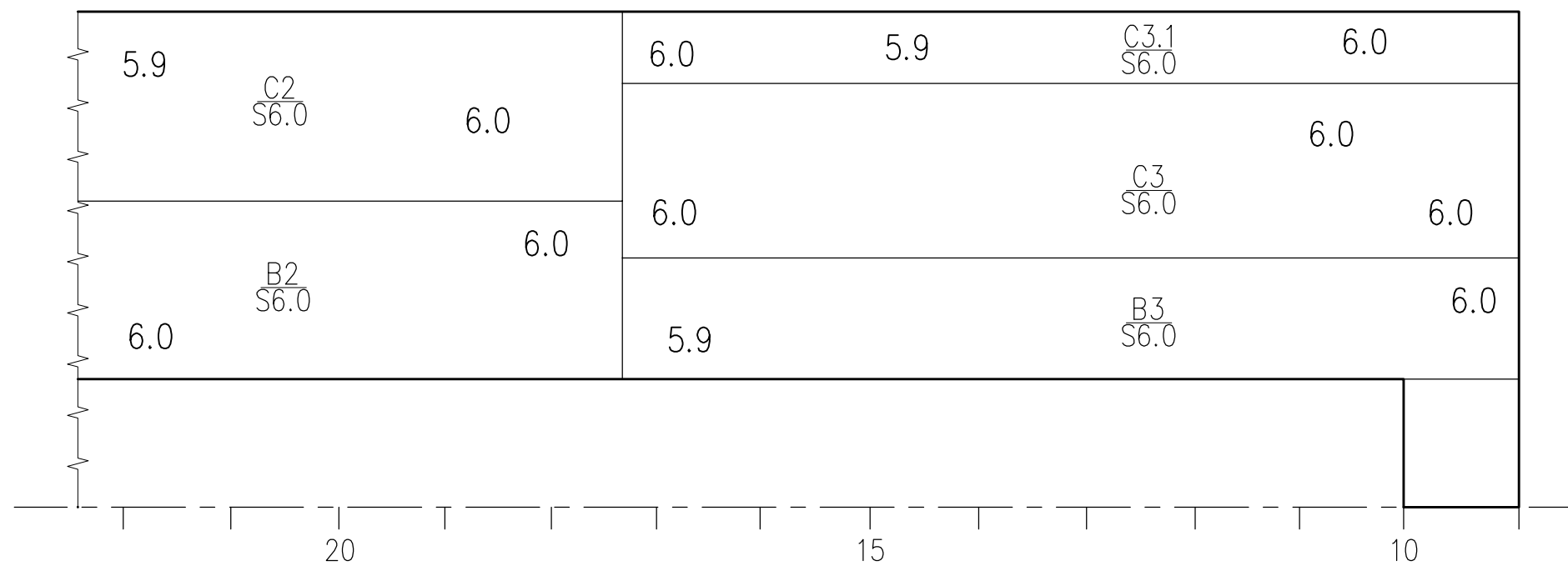
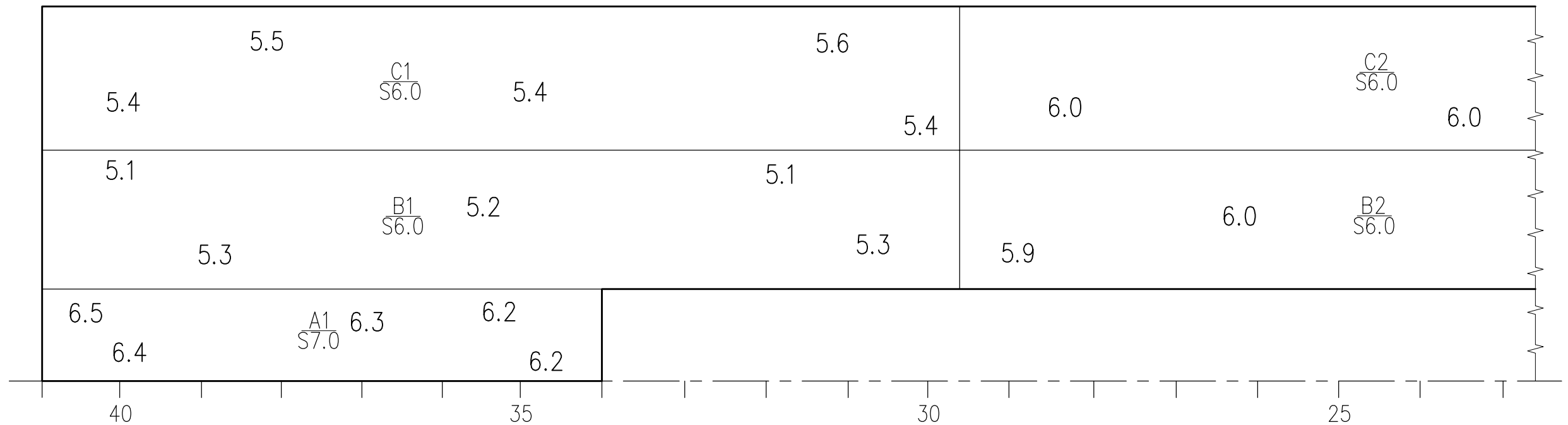
m/v "UZAVA"
IMO 8847478
Report: MT-69-21

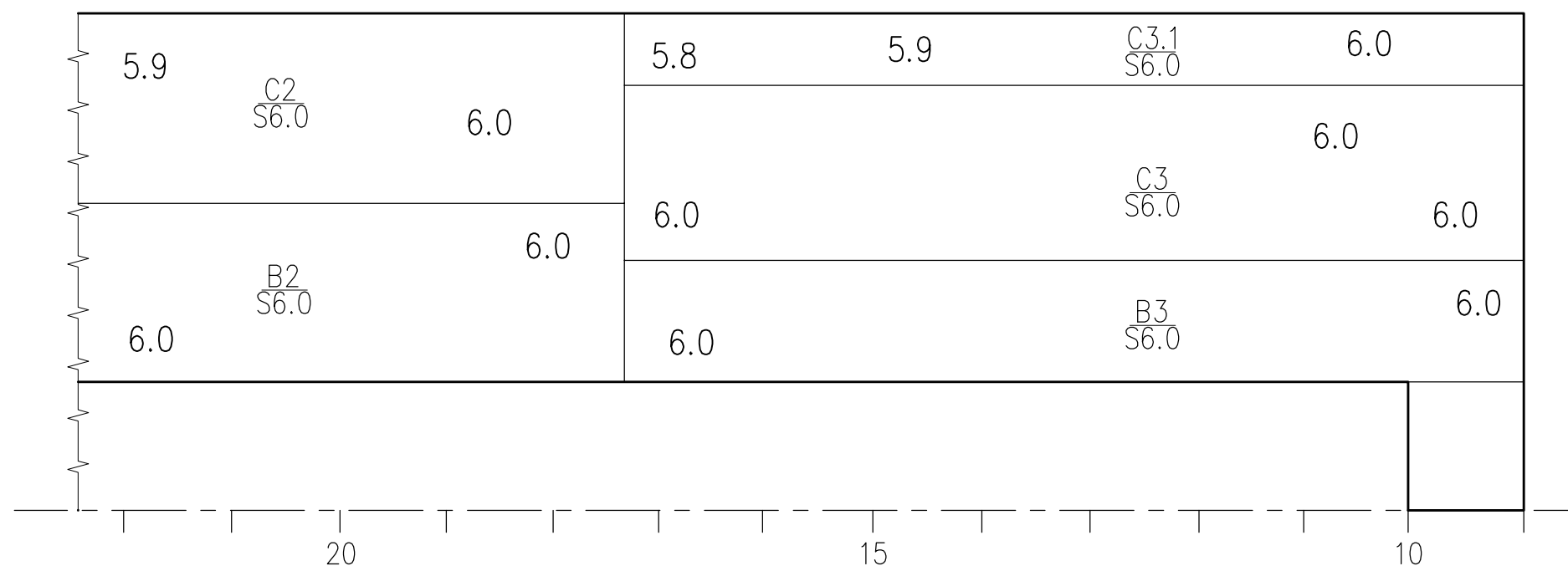
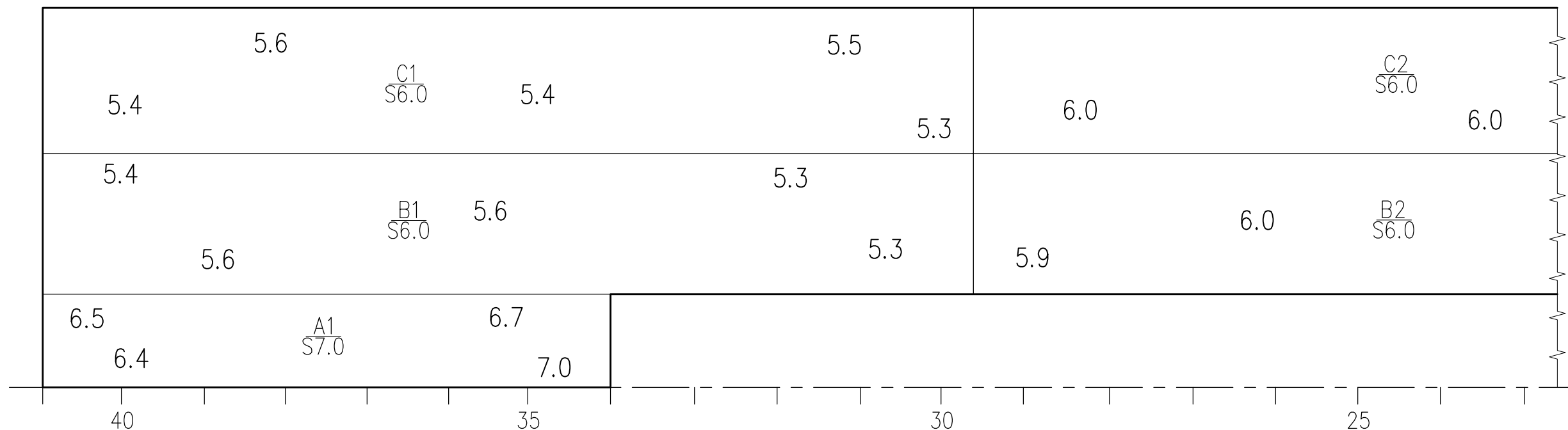


WEB FRAME 62

m/v "UZAVA"
IMO 8847478
Report: MT-69-21

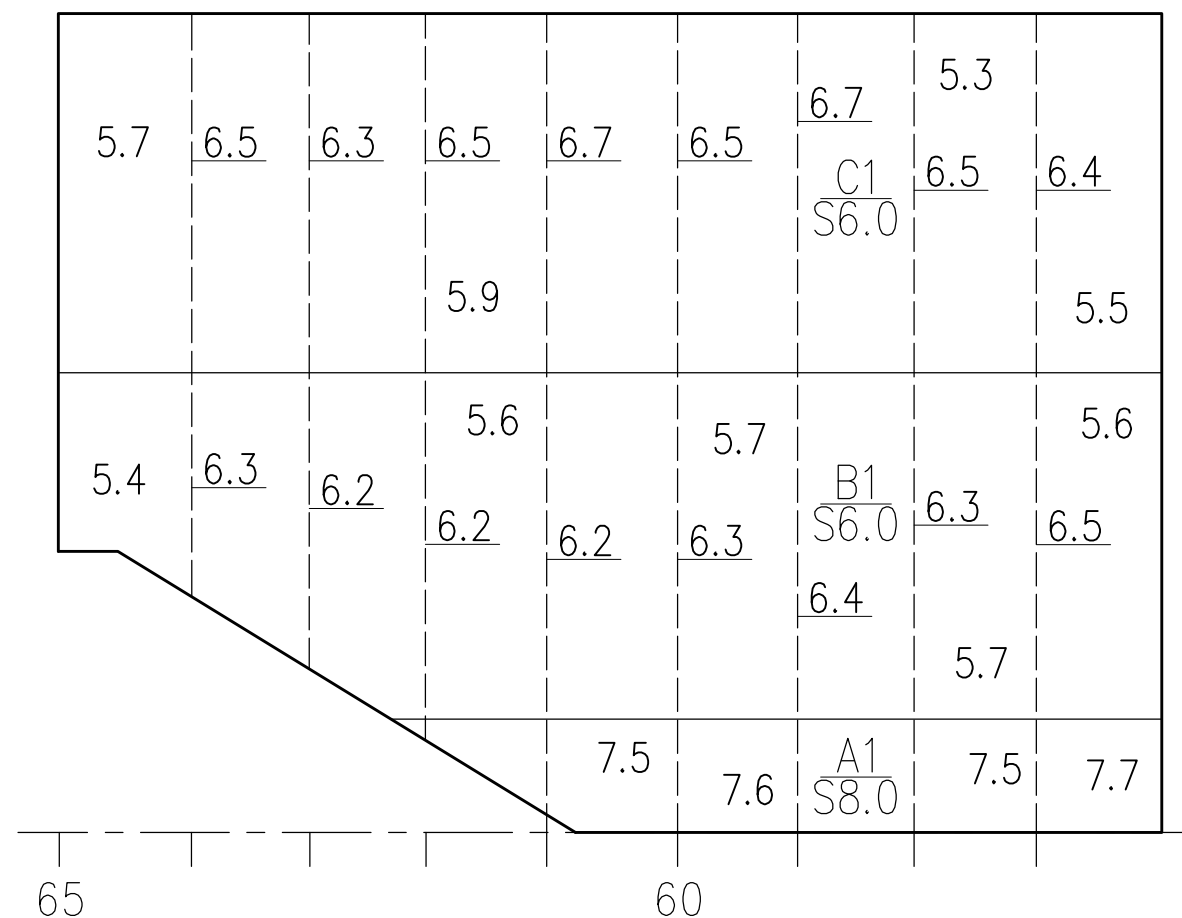






LBHD in CL
TANK No. 10 & 11

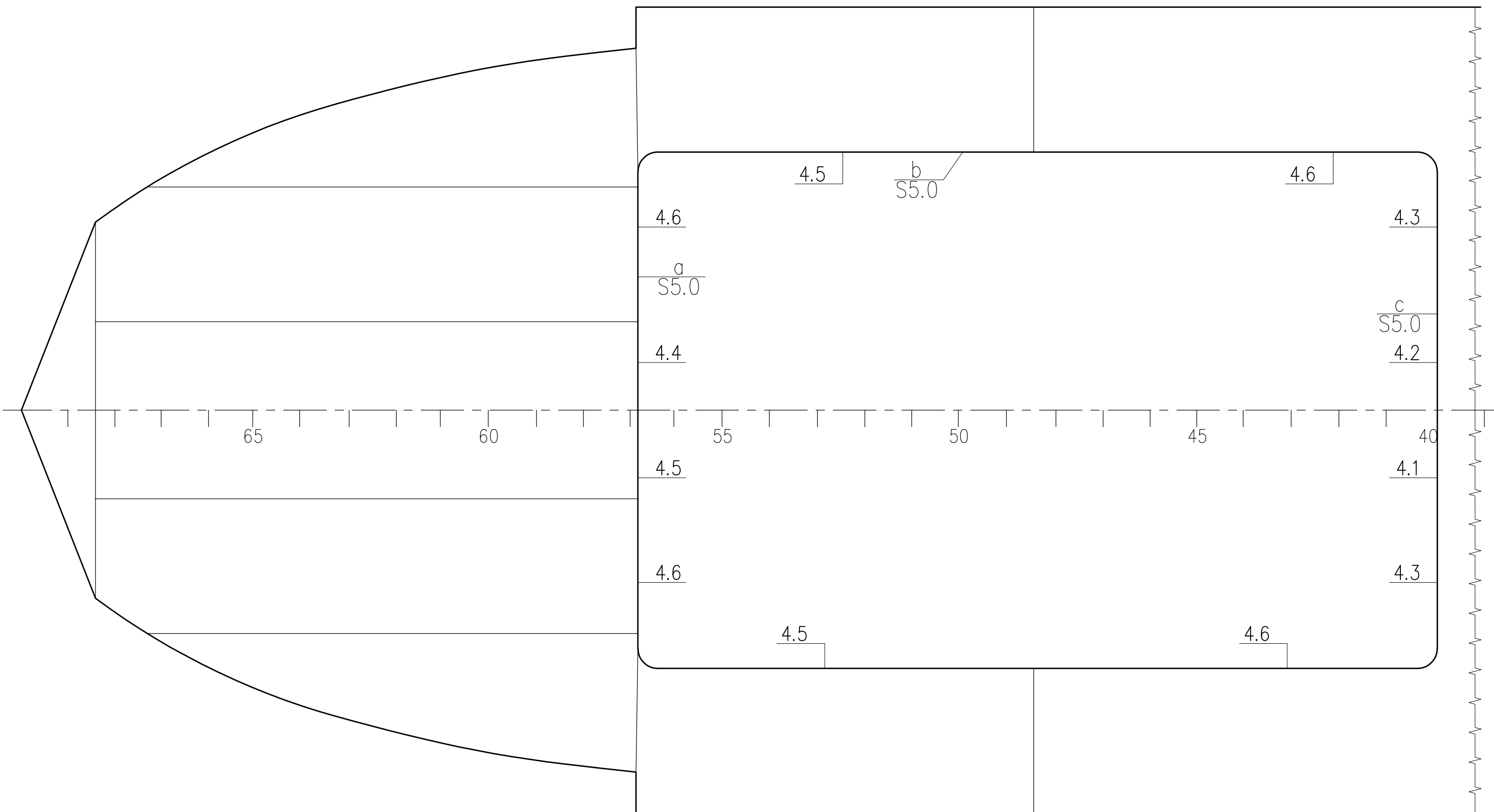
m/v "UZAVA"
IMO 8847478
Report: MT-69-21



Stiff. S7.0

MAIN DECK

m/v "UZAVA"
IMO 8847478
Report: MT-69-21

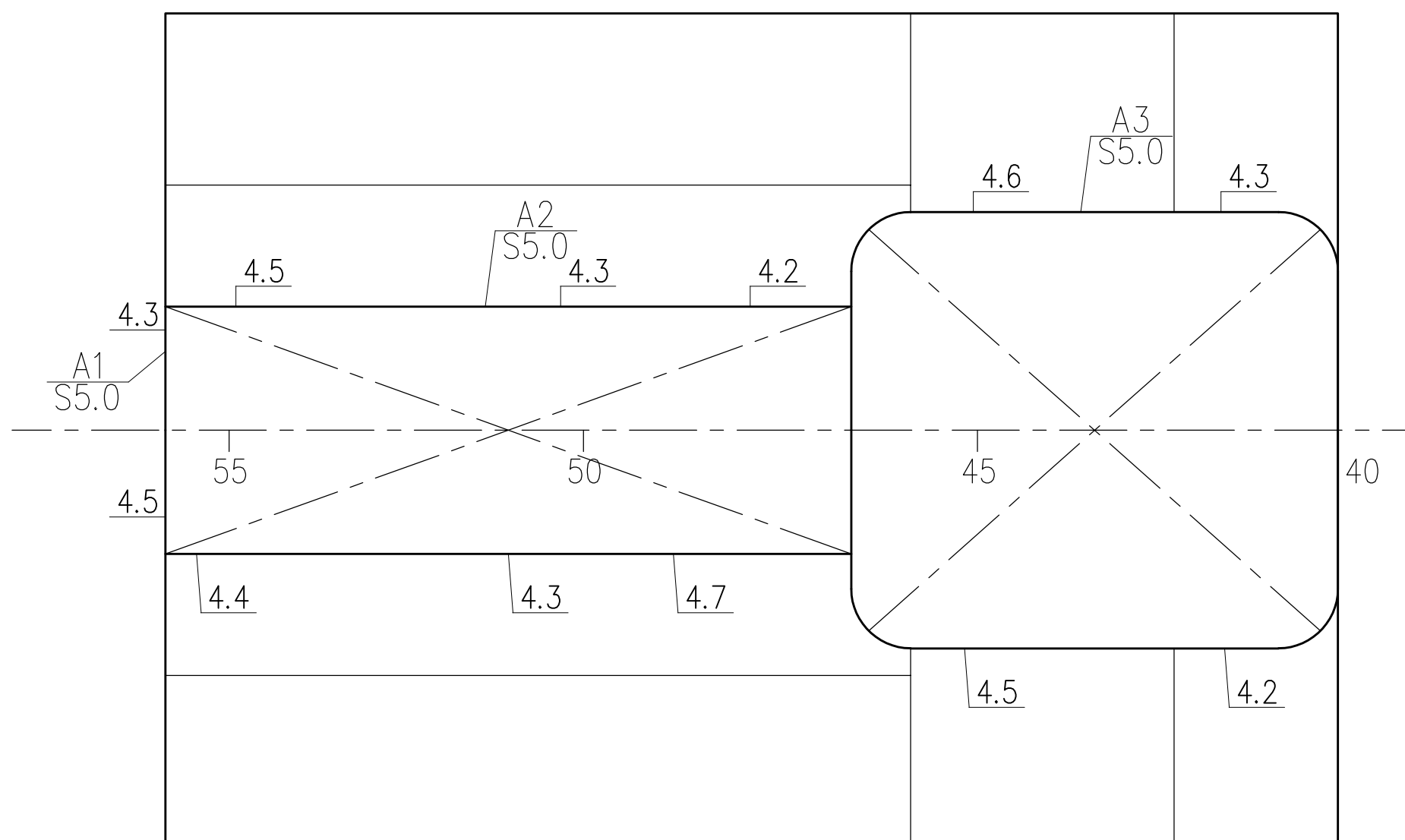


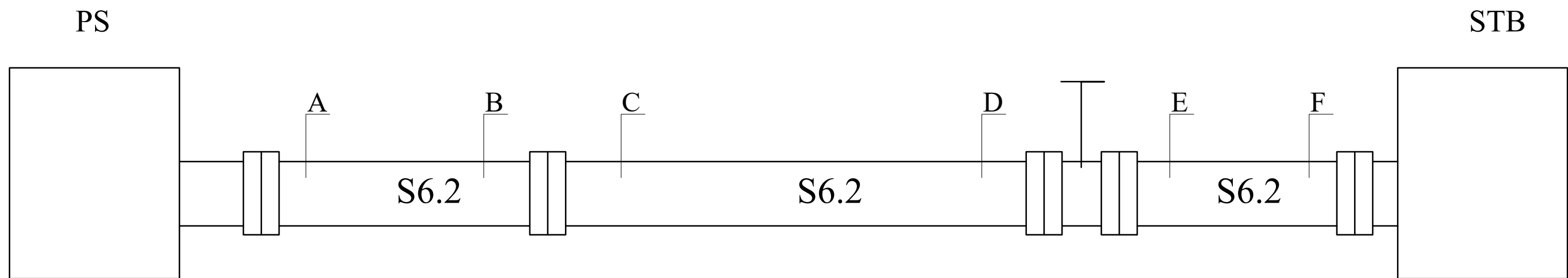


Maritime Technical Services
22 Bauskas str.
LV 1004-RIGA-LATVIA

BRIDGE DECK

m/v "UZAVA"
IMO 8847478
Report: MT-69-21

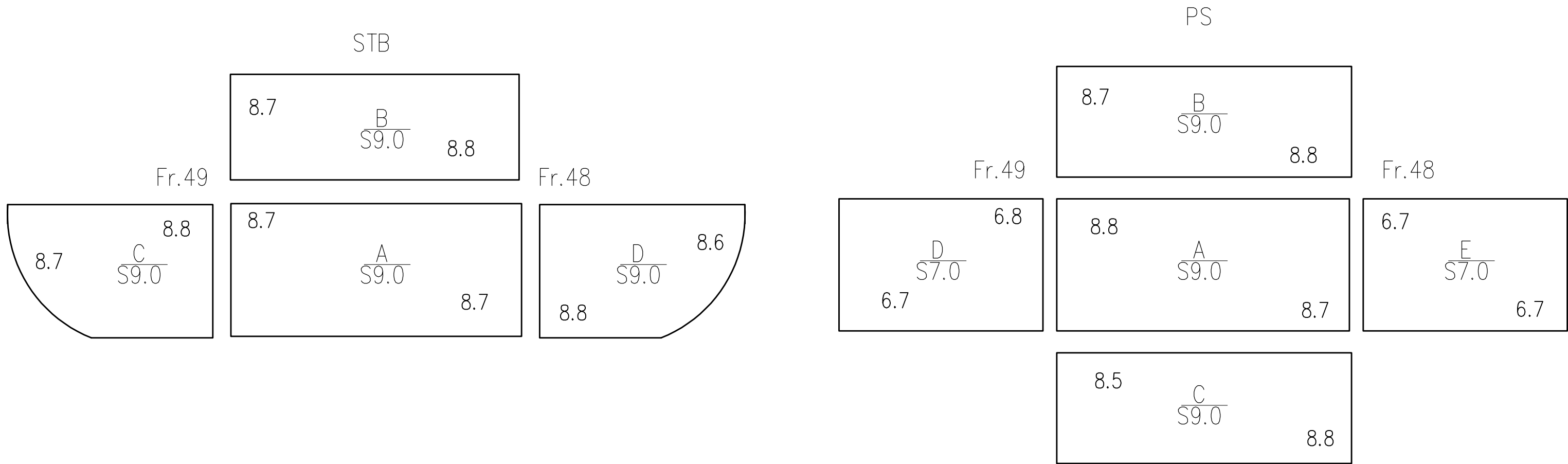




A	5.9	5.6	5.8	5.7
B	5.7	5.8	5.9	5.6
C	5.7	5.9	5.7	5.5
D	6.0	5.8	5.9	5.8
E	5.7	5.7	5.7	5.9
F	5.7	5.9	5.5	5.6

SEA CHESTS

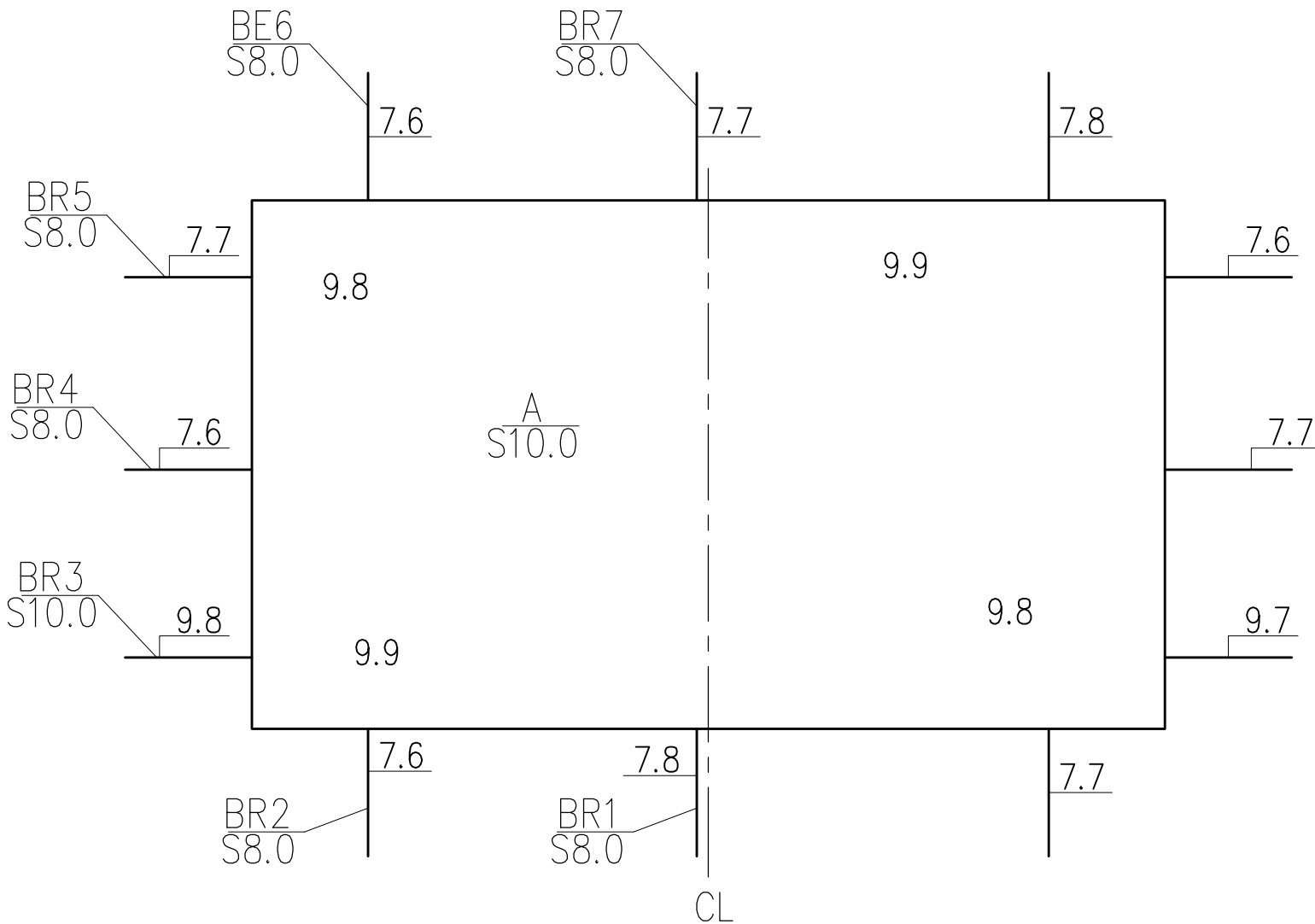
m/v "UZAVA"
IMO 8847478
Report: MT-69-21





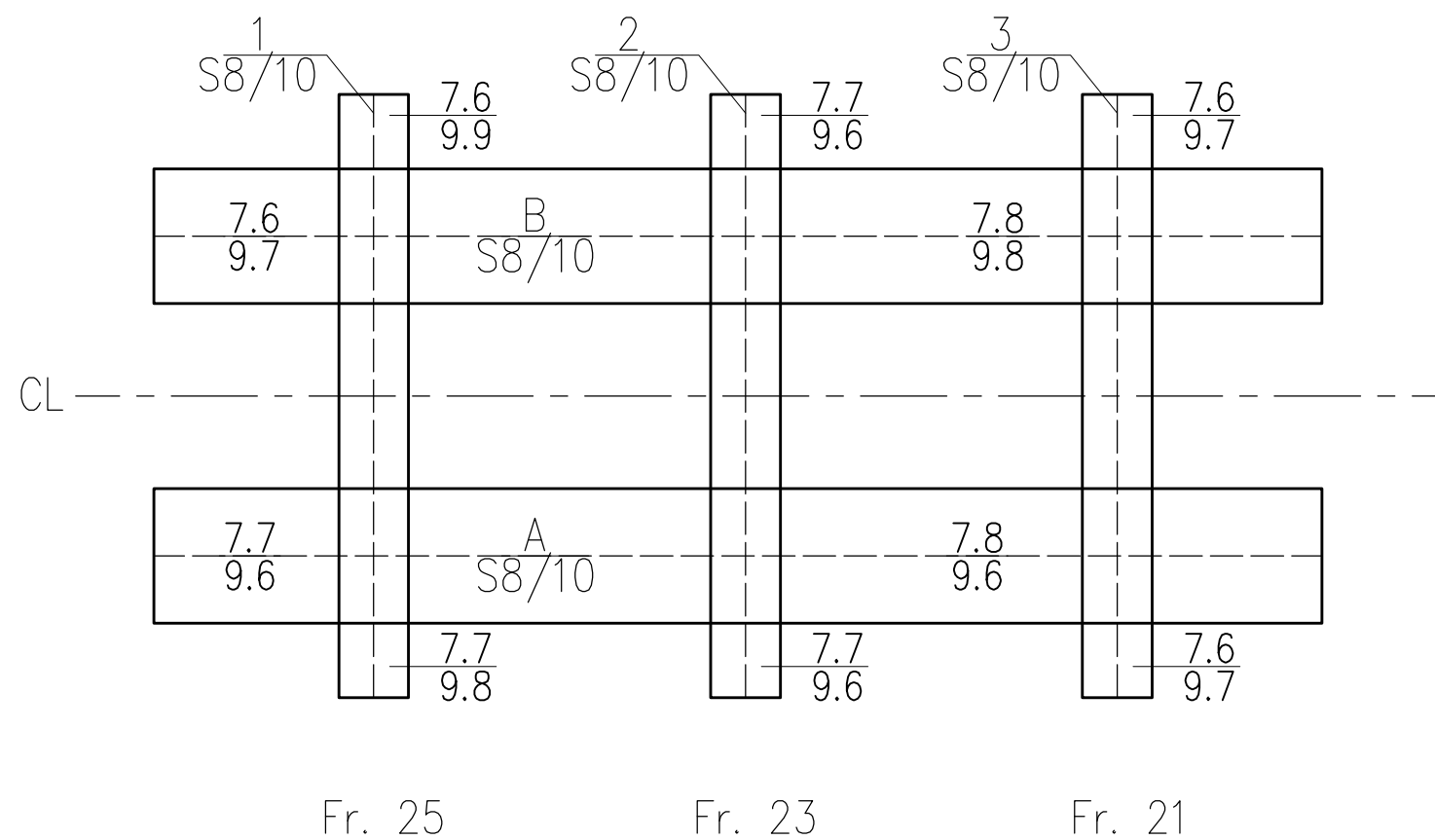
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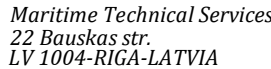
WINDLASS FOUNDATION



MAIN ENGINE SEATING

m/v "UZAVA"
IMO 8847478
Report: MT-69-21





m/v "UZAVA"
IMO 8847478
Report: MT-69-21

SHELL PLATING I.W.O. OVERBOARD DISCHARGES

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