HARBOUR RIGA
Zivju 1, Riga , Latvia
Tel/fax +371 67346302, +371 67346313, e-mail: office@hbr.lv

A.ELKSNIS
Naval architect "HARBOUR RIGA "

REPORT № HR-09-14
on thickness measurements
hull structures "UŽAVA "

Consisting of sheets

Flag	Latvia	LATVIJAS JŪRAS ADMINISTRĀCIJA
Port of registrery	VENTSPILS	SURVEYOR

RIGA , LATVIA

2014

LATVIJAS JŪRAS ADMINISTRĀCIJAS
KUĢOŠANAS 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 „**HARBOUR RIGA**"

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

Gāles iela 2, Rīga, LV-1015, reģ. nr. 40103422989

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 — 2013. gada 15. septembris
Date of next annual survey

Z.V. Vieta — Rīga — Datums — 2012. gada 26. oktobris
Seal Place — Date

A. Ošs
Pilnvarotās personas paraksts, uzvārds
Signature and name of authorized official

Uzņēmuma atbilstības apliecības Nr. — 12.0230.06
No. of Certificate of Compliance of Company

Derīga līdz — 2017. gada 15. septembrim
Valid until

* 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. — 12.0230.06
Derīga līdz — 2017. gada 15. septembrim

* 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

Valid until

SIA „HARBOUR RIGA”

ATBILSTĪBAS APLIECĪBAS Nr.12.0230.06 PIELIKUMS
ATTACHMENT TO CERTIFICATE OF COMPLIANCE OF COMPANY

Uzņēmumā veicamo darbu uzskaitījums **List of works Company permitted to execute**	**Tehniskā dokumentācija** **Technical documentation**
Kuģu korpusu konstrukciju, cauruļvadu, spiedtrauku un citu metāla konstrukciju defektoskopija un biezuma mērījumi izmantojot ultraskaņas metodes	Atzītu kuģu klasifikācijas sabiedrību noteikumi, instrukcijas, LR normatīvie akti

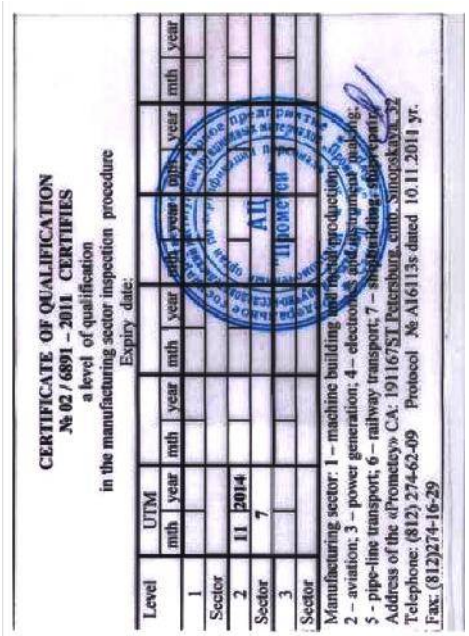
Z.v. Vieta Rīga Datums 2012. gada 26. oktobris
Seal Place Date

Nr.
No. 12.0231.06

A. Ošs
pilnvarotās personas paraksts, uzvārds
Signature and name of authorized official

ANDREJS ELKSNIS
operator of the “HARBOUR RIGA” company
Certificate EN473 No. 02/6891-2011

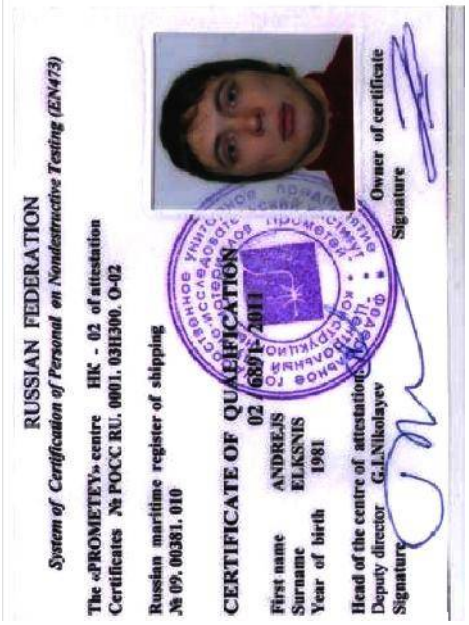
"**HARBOUR RIGA**", SIA
Phone: +371 67 346 302
Fax: +371 67 346 313
E-mail: office@hbr.lv



CERTIFICATE OF QUALIFICATION
№ 02 / 6891 – 2011 CERTIFIES
a level of qualification
in the manufacturing sector inspection procedure
Expiry date:

Level	UTM											
	mth	year	mth	year	mth	year	mth	year	mth	year	mth	year
1												
Sector												
2	11	2014										
Sector	7											
3												
Sector												

Manufacturing sector: 1 – machine building and metal production; 2 – aviation; 3 – power generation; 4 – electronics and instrument making; 5 - pipe-line transport; 6 – railway transport; 7 – shipbuilding; ship repair
Address of the «Prometey» CA: 191167ST Petersburg, emb. Sinopskaya, 32
Telephone: (812) 274-62-09 Protocol № AI16113s dated 10.11.2011 yr.
Fax: (812)274-16-29



RUSSIAN FEDERATION
System of Certification of Personal on Nondestructive Testing (EN473)

The «PROMETEY» centre HK - 02 of attestation
Certificates № РОСС RU. 0001. 03ПЭ00. О-02

Russian maritime register of shipping
№ 09. 00381. 010

CERTIFICATE OF QUALIFICATION
02 6891 2011

First name ANDREJS
Surname ELKSNIS
Year of birth 1981

Head of the centre of attestation
Deputy director G.I.Nikolayev
Signature

Owner of certificate
Signature

SABIEDRĪBA AR IEROBEŽOTU ATBILDĪBU
"LATVIJAS NACIONĀLAIS METROLOĢIJAS CENTRS"
Reģ. Nr. 40003435328, K. Valdemāra iela 157, Rīga, LV-1013, tālr.: 67378165
Fakss: 67362805, e-pasts: info@lnmc.lv, http://www.lnmc.lv

KALIBRĒŠANAS SERTIFIKĀTS Nr.G0740K14

CALIBRATION CERTIFICATE

Kalibrēšanas uzlīmes numurs 297358
Label of calibration

LATAK-K-254

ĢEOMETRISKO UN KUSTĪBAS PARAMETRU MĒRĪJUMU LABORATORIJA

Laboratory of Geometrical and Motion Parameters Measurement

Mērlīdzekļa nosaukums *Biezummērītājs, ultraskaņas*
Calibration item

Tips *DM4* Nr. *16855-*015KJJ** Mērdiapazons *(1,2 – 200,0) mm*
Type Serial No. Measuring range

Ražotājs *"GE Inspection Technologies" ASV*
Manufacturer

Pasūtītājs *SIA "HARBOUR RIGA"*
Customer

Gāles iela 2, Rīga

Kalibrēšanas metode un nosacījumi *LNMC G 167:2010*
Calibration method and environmental conditions

temperatūra (20±2) °C; gaisa relatīvais mitrums līdz 80%

Kalibrēšanas datums 201 *4* .gada "*28.*" *marts*
Date of calibration

Rezultāti
Results

Skatīt otrajā lapā

Izsekojamība *LNMC darba etalons – biezuma mēru etalonkomplekts Nr. 27*
Traceability

(tērauds 40X13), kura izsekojamība līdz SI mērvienībām nodrošināta starptautiski atzītajā Baltkrievijas metroloģijas institūcijā BelGIM.

Z.V.
Seal

Laboratorijas vadītājs
Head of Laboratory
D.Burmistre
(paraksts un tā atšifrējums t.67362086)
(signature and name)

Izpildītājs
Operator
D.Burmistre
(paraksts un tā atšifrējums)
(signature and name)

Izdošanas datums 201 *4* .gada "*31.*" *marts*
Date of issue

KALIBRĒŠANAS SERTIFIKĀTS Nr.G0740K14 **Lapa** 2(2)

MĒRĪJUMU REZULTĀTI:
Measurement results

Kalibrēšanā izmantots:
In calibration used

DA 451 pārveidotājs Nr. 59167-1043; 5MHz; Krautkramer

Mērīšanas režīms : *„CAL" C=6070 m/s*

Etalona biezuma mēra nominālizmērs, mm	Ultraskaņas ātrums, m/s	Faktiskais vidējais izmērs, mm	Kļūda, ņemot vērā izplatīšanās ātrumu, mm	Nenoteiktība, mm	Pārklāšanās koeficients
2,01	6077	*2,30*	*0,28*	*0,079*	*2,87*
3,02	6078	*3,33*	*0,31*	*0,037*	*2,87*
5,01	6076	*5,17*	*0,15*	*0,117*	*2,87*
10,02	6073	*10,09*	*0,07*	*0,086*	*2,87*
20,04	6070	*20,18*	*0,15*	*0,126*	*2,87*
50,12	6064	*50,15*	*0,08*	*0,132*	*2,87*
75,23	6061	*75,28*	*0,16*	*0,126*	*2,85*
100,32	6061	*100,30*	*0,14*	*0,095*	*2,28*

Mērījumu nenoteiktība U aprēķināta pie varbūtības 95,45%.

Nenoteiktība aprēķināta saskaņā ar LATAK EA – 4/02 rekomendācijām.
Uncertainty has been calculated according to LATAK EA – 4/02 recommendation.

Izpildītājs *D.Burmistre*
Operator (paraksts un tā atšifrējums)
(signature and name)

THICKNESS MEASUREMENT REPORT
GENERAL PARTICULARS

Ship's name:	***UŽAVA***
IMO number:	*8847478*
Class identity number:	
Port of registry:	*VENTSPILS*
Gross tons:	*236*
Deadweight:	*440*
Date of build:	*1982*
Classification society:	*LJA*

Name of firm performing thickness measurement:	*HARBOUR RIGA*
Thickness measurement firm certified by:	*LATVIJAS JŪRAS ADMINISTRĀCIJA*
Approval No.:	*07.0246.06*
Approval valid from	*2012-09-15 to 2017-09-15*
Place of measurement:	*RIGA*
First date of measurement:	*23.09.2014*
Last date of measurement:	*24.09.2014*
Special survey / ~~intermediate / other survey due:~~	
Details of measurement equipment:	*DM 4*
Qualification of operators:	*UT- LEVEL 2.*

Report Number: *HR-09-14* Consisting of 20 Sheets.

Name of operators: *A.Elksnis*

Signature of operators:

Firm official stamp:

SABIEDRĪBA AR IEROBEŽOTU ATBILDĪBU HARBOUR RIGA LATVIJAS REPUBLIKA

Name of surveyor:

Signature of surveyor:

Classification Society

Official Stamp:

HARBOUR RIGA
Technical Shipping Service
Gales 2
Riga , LV1015 Latvia

Ship's name: ***UŽAVA***
IMO. No.: *8847478*
Report No.: *HR-09-14*

CONTENTS.

Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : Main deck																									
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths, мм	Max. allow.deminution %	Remaining thickness gauged Si, мм															Average values			Notes
																								Residial thicknes s S1, мм	Deminution absolute мм	Deminution relative %	
2	3	4	5	6	7	8	9	10	11															12	13	14	15
Plate	PS	A	A1	35	40	6.0	4.2	30.0	5.4	5.9	4.8	5.2	4.7											5.2	0.8	13.3	
Plate	StB	A	A1	35	40	6.0	4.2	30.0	5.6	5.2	5.1	5.4	5.3	5.0										5.3	0.7	12.2	
Plate	PS	A	A2	25	35	6.0	4.2	30.0	5.0	5.3	4.9	4.6	4.3	5.3	5.2									4.9	1.1	17.6	
Plate	StB	A	A2	25	35	6.0	4.2	30.0	5.2	4.1	4.3	4.7	4.4	4.2	4.3									4.5	*1.5*	25.7	
Plate	PS	A	A3	10	25	6.0	4.2	30.0	4.6	4.2	4.0	4.7	4.4	4.1	4.6	4.2	5.0	4.3						4.4	*1.6*	26.5	
Plate	StB	A	A3	10	25	6.0	4.2	30.0	5.0	5.1	4.7	4.5	4.5	4.6	4.2	4.3								4.6	*1.4*	23.1	
Plate	PS	A	A4	5	10	6.0	4.2	30.0	5.3	4.7	5.7	5.5												5.3	0.7	11.7	
Plate	StB	A	A4	5	10	6.0	4.2	30.0	5.2	4.9	5.5	5.6	5.4											5.3	0.7	11.3	
Plate	PS	A	A5	4	5	6.0	4.2	30.0	5.7	5.6	5.5	5.4	5.3	5.6										5.5	0.5	8.1	
Plate	StB	A	A5	4	5	6.0	4.2	30.0	5.3	5.6	5.8	5.5	5.4	5.3	5.2									5.4	0.6	9.3	
Plate	PS	A	A6	0	4	6.0	4.2	30.0	5.5	5.8	5.3	5.6	5.6	5.6	5.8									5.6	0.4	6.7	
Plate	StB	A	A6	0	4	6.0	4.2	30.0	5.4	5.3	5.5	5.6	5.3	5.1	5.0									5.3	0.7	11.4	
Plate	PS	A	A7	-1	0	6.0	4.2	30.0	5.9	5.7														5.8	0.2	3.3	
Plate	StB	A	A7	-1	0	6.0	4.2	30.0	5.6	5.8														5.7	0.3	5.0	
Plate	PS	B	B1	35	40	6.0	4.2	30.0	5.6	5.0	5.2	5.5	5.2	5.3	5.2	5.0								5.3	0.8	12.5	
Plate	StB	B	B1	35	40	6.0	4.2	30.0	4.9	4.8	5.2	5.0	4.7	5.0	5.1	5.4	4.9							5.0	1.0	16.7	
Plate	PS	B	B2	25	35	6.0	4.2	30.0	5.1	5.0	4.9	4.2	4.3	5.2	4.1	4.3	5.3	4.4	5.3	4.2				4.7	1.3	21.8	
Plate	StB	B	B2	25	35	6.0	4.2	30.0	4.9	5.3	5.0	4.9	4.4	4.7	4.3	4.5	5.0	5.2	4.6	4.8	4.2	4.7		4.8	1.3	20.8	
Plate	PS	B	B3	10	25	6.0	4.2	30.0	4.6	4.1	4.0	4.3	4.2	4.1	4.0	4.5	4.4	4.5	4.1	4.2	4.3	4.5		4.3	*1.7*	28.8	
Plate	StB	B	B3	10	25	6.0	4.2	30.0	4.4	4.5	4.2	4.0	4.3	5.0	4.2	5.0	4.5	4.3	4.4	4.3	4.2	4.4		4.4	*1.6*	26.5	
Plate	PS	B	B4	5	10	6.0	4.2	30.0	5.1	5.3	5.3	5.4	5.3	4.9	5.5	5.8								5.3	0.7	11.3	
Plate	StB	B	B4	5	10	6.0	4.2	30.0	4.8	5.7	5.4	5.2	5.5	5.8	5.5	5.3								5.4	0.6	10.0	
Plate	PS	C	C1	45	55	8.0	5.6	30.0	6.0	6.3	6.3	6.1	6.5	5.9	6.4	6.7	6.0	6.8						6.3	1.7	21.3	
Plate	StB	C	C1	45	55	8.0	5.6	30.0	6.8	6.2	6.0	6.2	6.5	6.1	6.5	6.8	6.7	6.4	6.0	6.5	5.8	6.9		6.4	1.6	20.2	

Operator's signature :

Legend: Below class min

Substantial corr

Form 1.2

HARBOUR RIGA

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : Main deck																									
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial th s , мм	Max. allow.deminution %	Remaining thickness gauged Si, мм															Average values			Notes
																								Residial thicknes s S1,	Deminution absolut e	relative	
																								мм	мм	%	
2	3	4	5	6	7	8	9	10	11															12	13	14	15
Plate	PS	C	C2	35	45	8.0	5.6	30.0	7.1	7.9	7.0	7.8	7.2	7.4	7.5	7.2	6.8	7.0	7.6					7.3	0.7	8.5	
Plate	StB	C	C2	35	45	8.0	5.6	30.0	7.7	8.0	6.9	7.5	7.3	7.5	7.1	7.4	7.5	7.6	7.0	7.5	7.9	7.2		7.4	0.6	7.1	
Plate	PS	C	C3	25	35	8.0	5.6	30.0	6.2	6.1	6.5	6.3	6.5	6.1	6.2	6.3	6.6	6.7	6.5					6.4	1.6	20.5	
Plate	StB	C	C3	25	35	8.0	5.6	30.0	6.5	6.3	5.7	6.3	6.7	6.4	6.5	6.5	6.4	6.2	6.3	6.2	4.6	6.7		6.2	1.8	22.1	
Plate	PS	C	C4	10	25	8.0	5.6	30.0	6.0	6.7	6.2	6.3	5.6	6.5	6.3	5.8	6.4	5.7	6.0	6.1	6.1	6.0		6.1	*1.9*	23.5	
Plate	StB	C	C4	10	25	8.0	5.6	30.0	6.3	6.4	6.4	6.7	6.3	5.9	6.6	6.2	6.0	6.2	6.5	6.4	6.3	6.8		6.4	1.6	20.5	
Plate	PS	C	C5	5	10	8.0	5.6	30.0	7.3	7.6	7.6	7.2	7.0	7.3	7.8									7.4	0.6	7.5	
Plate	StB	C	C5	5	10	8.0	5.6	30.0	7.5	7.3	7.8	7.6	7.3	7.1	6.9	6.8								7.3	0.7	8.9	

Operator's signature :

Legend: Below class min

Substantial corr

Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : Superstructure deck																										
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths [S1], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм																Average values			Notes
																									Residial thicknes s S1,	Deminution absolut e	relative	
																									мм	мм	%	
2	3	4	5	6	7	8	9	10	11																12	13	14	15
Plate	PS		A1	46	56	4.0	2.8	30.0	3.6	3.7	3.5	3.8	3.8	3.9	3.9	3.7	3.8								3.7	0.3	6.4	
Plate	StB		A1	46	56	4.0	2.8	30.0	3.7	3.8	3.7	3.7	3.8	3.6	3.8	3.7	3.6								3.7	0.3	7.2	
Plate	PS		B1	45	56	4.0	2.8	30.0	3.6	3.8	3.7	3.7	3.6	3.7	3.6	3.8									3.7	0.3	7.8	
Plate	PS		B1	45	56	4.0	2.8	30.0	3.8	3.7	3.6	3.6	3.9	3.8	3.7	3.6	3.8								3.7	0.3	6.9	
Plate	PS		B2	43	45	4.0	2.8	30.0	3.7	3.6	3.8	3.5													3.7	0.4	8.7	
Plate	StB		B2	43	45	4.0	2.8	30.0	3.7	3.8	3.8	3.6													3.7	0.3	6.9	
Plate	PS		B3	41	43	4.0	2.8	30.0	3.8	3.7															3.8	0.3	6.3	
Plate	StB		B3	41	43	4	2.8	30.0	3.7	3.7	3.8														3.7	0.3	6.7	

Operator's signature :

Legend: Below class min

Substantial corr

Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : 2nd Superstructure deck																									
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths [Si], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм														Average values			Notes
																							Residial thicknes s S1,	Deminution absolut e	relative	
																							мм	мм	%	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS		A1	41	47	6.0	4.2	30.0	5.7	5.5	5.8	5.7	5.6	5.7									5.7	0.3	5.6	
Plate	StB		A1	41	47	6.0	4.2	30.0	5.6	5.8	5.6	5.5	5.7	5.5	5.6	5.8							5.6	0.4	6.0	
Plate	PS		B1	46	47	4.0	2.8	30.0	3.7	3.6	3.6	3.6											3.6	0.4	9.4	
Plate	StB		B1	46	47	4.0	2.8	30.0	3.6	3.8	3.7	3.7											3.7	0.3	7.5	
Plate	PS		B2	42	46	4.0	2.8	30.0	3.6	3.7	3.7	3.7	3.6	3.7	3.7	3.8							3.7	0.3	7.8	
Plate	StB		B2	42	46	4.0	2.8	30.0	3.6	3.7	3.8	3.7	3.6										3.7	0.3	8.0	
Plate	PS		B3	41	42	4.0	2.8	30.0	3.8	3.8	3.6	3.5											3.7	0.3	8.1	
Plate	StB		B3	41	42	4.0	2.8	30.0	3.7	3.6	3.8	3.7											3.7	0.3	7.5	

Operator's signature :

Legend: Below class min

Substantial corr

Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : Poop deck																									
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths [Si], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм														Average values			Notes
																							Residial thicknes s S1, мм	Deminution absolut e мм	Deminution relative %	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS		A1	69	70	8.0	5.6	30.0	6.9	6.8													6.9	1.2	14.4	
Plate	StB		A1	69	70	8.0	5.6	30.0	6.9	6.7	6.5												6.7	1.3	16.3	
Plate	PS		A2	55	69	6.0	4.2	30.0	5.6	5.7	5.4	5.7	5.6	5.4	5.6	5.5	5.4	5.3	5.2	5.4			5.5	0.5	8.6	
Plate	StB		A2	55	69	6.0	4.2	30.0	5.6	5.3	5.7	5.6	5.5	5.3	5.2	5.4	5.2	5.6	5.5	5.6			5.5	0.5	9.0	
Plate	PS		B1	55	69	6.0	4.2	30.0	5.1	5.3	5.2	5.0	5.1	5.3	5.5	5.5	5.0	5.2	5.3	5.2	5.3		5.2	0.8	12.8	
Plate	StB		B1	55	69	6.0	4.2	30.0	5.2	5.4	5.3	5.5	5.6	5.3	5.4	5.6	5.4	5.5	5.6	5.4	5.5		5.4	0.6	9.4	
Plate	PS		C1	63	66	8.0	5.6	30.0	6.0	6.1	6.4	6.8	6.6										6.4	1.6	20.3	
Plate	StB		C1	63	66	8.0	5.6	30.0	6.3	6.2	6.7	6.4	6.3										6.4	1.6	20.3	
Plate	PS		C2	55	63	6.0	4.2	30.0	5.7	5.7	5.4	5.2	5.3	5.6	5.5	5.6	5.4	5.6					5.5	0.5	8.3	
Plate	StB		C2	55	63	6.0	4.2	30.0	5.5	5.6	5.2	5.2	5.3	5.6	5.4	5.4	5.5						5.4	0.6	9.8	
Operator's signature :																							Legend: Below class min			
																							Substantial corr			

Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : Shell plating																											
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial th s , мм	Max. allow.deminution %	Remaining thickness gauged Si, мм																	Average values			Notes
																										Residial thickness S1,	Deminution absolute	Deminution relative	
																										мм	мм	%	
2	3	4	5	6	7	8	9	10	11																	12	13	14	15
Plate	PS	FK	FK1	47	62	10.0	7.0	30.0	9.6	9.5	9.4	9.5	9.8	9.6	9.3	9.7	9.4	9.6	9.4							9.5	0.5	4.7	
Plate	StB	FK	FK1	47	62	10.0	7.0	30.0	9.2	9.3	9.6	9.5	9.4	9.3	9.3	9.5	9.4	9.0	9.4	9.3	9.5					9.4	0.6	6.4	
Plate	PS	FK	FK2	36	47	10.0	7.0	30.0	9.2	9.3	9.4	9.0	8.9	9.4	9.1	9.3	9.4	9.2	9.5	9.2	9.4	9.6				9.3	0.7	7.2	
Plate	StB	FK	FK2	36	47	10.0	7.0	30.0	9.4	9.2	9.3	9.1	9.3	9.2	9.4	9.3	9.0	9.0	9.2	9.4						9.2	0.8	7.7	
Plate	PS	FK	FK3	30	36	10.0	7.0	30.0	8.8	8.5	8.5	8.7	9.0	8.9	8.9											8.8	1.2	12.4	
Plate	StB	FK	FK3	30	36	10.0	7.0	30.0	9.4	9.8	9.0	8.9	9.4	9.3	9.2											9.3	0.7	7.1	
Plate	PS	FK	FK4	17	30	10.0	7.0	30.0	9.2	9.0	9.4	9.5	9.6	9.4	9.6	9.4	9.3	9.2	9.6	9.4	9.5	8.9				9.4	0.6	6.4	
Plate	StB	FK	FK4	17	30	10.0	7.0	30.0	9.1	9.2	9.4	9.3	9.2	9.0	9.5	9.6	9.5	9.7	9.2	9.0	9.4	9.6				9.3	0.7	6.6	
Plate	PS	FK	FK5	7	17	10.0	7.0	30.0	9.4	9.3	9.5	9.2	9.0	8.9	9.2	9.0	8.8	8.9	8.6	8.3						9.0	1.0	9.9	
Plate	StB	FK	FK5	7	17	10.0	7.0	30.0	9.3	9.6	9.2	9.3	9.2	9.1	9.3	8.9	9.2	9.1	9.0	9.2	9.3					9.2	0.8	7.9	
Plate	PS	FK	FK6	1	7	10.0	7.0	30.0	8.6	8.5	8.5	8.4	8.9	8.8	8.2	8.1										8.5	1.5	15.0	
Plate	StB	FK	FK6	1	7	10.0	7.0	30.0	9.3	9.2	9.4	9.2	9.3	9.4	9.7	9.6										9.4	0.6	6.1	
Plate	PS	A	A1	58	63	8.0	5.6	30.0	7.1	7.2	7.2	6.9	7.1	7.3												7.1	0.9	10.8	
Plate	StB	A	A1	58	63	8.0	5.6	30.0	7.2	7.3	7.1	7.2	7.1	7.6												7.3	0.8	9.4	
Plate	PS	A	A2	47	58	8.0	5.6	30.0	7.3	7.2	7.3	7.4	7.0	7.5	7.6	7.2	7.3	7.2	7.7	7.2	7.4					7.3	0.7	8.4	
Plate	StB	A	A2	47	58	8.0	5.6	30.0	7.2	7.0	7.2	7.3	7.4	7.4	7.1	7.4	7.6	7.8	7.0	7.5	7.3	7.1				7.3	0.7	8.7	
Plate	PS	A	A3	36	47	8.0	5.6	30.0	7.3	7.2	7.1	7.5	6.9	7.3	7.7	7.2	7.4	7.2	7.3	7.1	7.3	7.2				7.3	0.7	9.2	
Plate	StB	A	A3	36	47	8.0	5.6	30.0	7.3	7.2	7.5	7.3	7.7	7.3	7.4	7.2	7.3	7.1	7.5	7.3	7.1	7.2				7.3	0.7	8.6	
Plate	PS	A	A4	30	36	8.0	5.6	30.0	7.0	7.4	7.3	6.6	6.9	6.8	7.0	7.1	7.2	7.2								7.1	1.0	11.9	
Plate	StB	A	A4	30	36	8.0	5.6	30.0	7.0	7.4	7.3	6.6	6.9	7.1	6.8	7.2	7.0	7.2								7.1	1.0	11.9	
Operator's signature :																										Legend: Below class min			
																										Substantial corr			

Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : Shell plating																									
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths [S1], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм													Average values			Notes
																						Residial thickness S1,	Deminution absolute	Deminution relative	
																						мм	мм	%	
2	3	4	5	6	7	8	9	10	11													12	13	14	15
Plate	PS	A	A5	17	30	8.0	5.6	30.0	7.5	7.4	7.3	7.1	7.2	7.5	7.0	7.6	7.4	7.3	7.2	7.6	7.8	7.3	7.4	7.4	0.6	7.9	
Plate	StB	A	A5	17	30	8.0	5.6	30.0	7.5	7.3	7.2	7.1	7.4	7.0	7.6	7.4	7.3	7.2	7.6	7.8	7.3	7.4	7.4	0.6	7.9	
Plate	PS	A	A6	7	17	8.0	5.6	30.0	7.2	7.1	6.9	7.7	7.0	7.4	7.1	7.0	7.2	7.1	7.1	7.5	7.4	7.2	7.2	0.8	9.9	
Plate	StB	A	A6	7	17	8.0	5.6	30.0	7.3	7.4	7.2	7.6	7.3	7.2	7.1	7.4	7.5	7.6	7.5	7.4	7.6	7.4	7.4	0.6	7.6	
Plate	PS	A	A7	2	7	8.0	5.6	30.0	7.4	7.5	7.5	7.5	7.2	7.4	7.2	7.2	7.3						7.4	0.6	8.1	
Plate	StB	A	A7	2	7	8.0	5.6	30.0	7.3	8.0	7.8	7.9	7.5	7.7	7.8	7.6	7.4						7.7	0.3	4.2	
Plate	PS	B	B1	58	65	8.0	5.6	30.0	7.2	7.2	7.3	7.4	7.0	7.2	7.1	7.2	7.3						7.2	0.8	9.9	
Plate	StB	B	B1	58	65	8.0	5.6	30.0	7.3	7.2	7.3	7.4	7.3	7.2	7.3	7.1	7.2						7.3	0.7	9.3	
Plate	PS	B	B2	52	58	8.0	5.6	30.0	7.1	6.9	7.0	7.2	7.3	6.7	6.8	6.7	6.8	6.8	7.1	6.9	6.9		6.9	1.1	13.3	
Plate	StB	B	B2	52	58	8.0	5.6	30.0	7.1	7.2	7.3	7.1	7.3	7.2	7.3	7.4	7.3	7.0	7.2	7.0	7.1	7.3	7.2	0.8	10.0	
Plate	PS	B	B3	47	52	8.0	5.6	30.0	7.2	7.4	7.6	7.5	7.4	7.1	7.1	7.6							7.4	0.6	8.0	
Plate	StB	B	B3	47	52	8.0	5.6	30.0	7.5	7.4	7.6	7.5	7.5	7.4	7.2	7.3							7.4	0.6	7.2	
Plate	PS	B	B3.1	47	52	8.0	5.6	30.0	7.6	7.9	7.7	7.4	7.5	7.6	7.6	7.3	7.7	7.9	7.8				7.6	0.4	4.5	
Plate	StB	B	B3.1	47	52	8.0	5.6	30.0	6.9	7.0	7.2	7.1	7.2	7.3	7.5	7.2	7.3	7.4					7.2	0.8	9.9	
Plate	PS	B	B4	36	47	8.0	5.6	30.0	7.2	6.9	7.1	7.2	7.4	7.1	7.0	7.2	7.1	7.4	7.3	7.2	7.4	7.2	7.2	0.8	10.1	
Plate	StB	B	B4	36	47	8.0	5.6	30.0	7.1	7.2	6.9	7.0	6.7	6.8	7.0	7.2	7.1	7.5	7.3	7.0	7.1	7.3	7.1	0.9	11.4	
Plate	PS	B	B4.1	36	47	8.0	5.6	30.0	7.2	7.6	7.4	7.3	7.1	7.2	7.3	7.0	6.9	7.2	7.3	7.4	7.6	7.2	7.3	0.7	9.2	
Plate	StB	B	B4.1	36	47	8.0	5.6	30.0	7.0	7.2	7.4	7.0	7.2	7.1	7.2	7.3	7.5	7.2	7.0	6.9	6.8	7.3	7.2	0.9	10.6	
Plate	PS	B	B5	30	36	8.0	5.6	30.0	6.7	7.2	6.9	7.0	6.7	7.2	7.3	6.8	7.4						7.0	1.0	12.2	
Plate	StB	B	B5	30	36	8.0	5.6	30.0	7.2	7.4	7.3	7.3	7.2	7.3	7.4	7.4							7.3	0.7	8.6	
Plate	PS	B	B5.1	30	36	8.0	5.6	30.0	7.3	7.0	7.4	7.0	7.3	6.7	6.9	6.6	7.4	7.3					7.1	0.9	11.4	
Plate	StB	B	B5.1	30	36	8.0	5.6	30.0	7.1	7.2	7.1	7.3	7.3	7.0	7.4	7.4	6.9	6.9	6.8				7.1	0.9	10.9	

Operator's signature :

Legend: Below class min

Substantial corr

Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : Shell plating																									
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths [S1], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм														Average values			Notes
																							Residial thicknes s S1,	Deminution absolut e	Deminution relative	
																							мм	мм	%	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS	B	B6	17	30	8.0	5.6	30.0	7.0	6.7	7.1	6.6	7.0	6.8	6.7	6.8	6.9	7.0	6.8	7.1	7.6	6.9	6.9	1.1	13.4	
Plate	StB	B	B6	17	30	8.0	5.6	30.0	7.1	7.3	7.2	7.2	7.0	7.3	7.4	7.2	7.2	7.4	7.3	7.1	7.3	7.1	7.2	0.8	9.7	
Plate	PS	B	B6.1	17	30	8.0	5.6	30.0	7.4	7.1	7.5	7.2	7.3	7.4	7.7	7.2	7.5	7.3	7.1	7.3	7.4	7.1	7.3	0.7	8.5	
Plate	StB	B	B6.1	17	30	8.0	5.6	30.0	7.2	7.0	7.1	7.3	7.2	7.4	7.2	7.1	7.2	7.1	7.3	7.4	7.6	7.3	7.2	0.8	9.5	
Plate	PS	B	B7	7	17	8.0	5.6	30.0	8.4	8.0	8.2	8.1	8.3	8.1	8.4	8.2	8.1						8.2	-0.2	-2.5	
Plate	StB	B	B7	7	17	8.0	5.6	30.0	7.1	7.2	7.3	7.4	7.3	7.0	7.4	7.3	7.2	7.0	7.1	7.3	7.1	7.0	7.2	0.8	10.1	
Plate	PS	B	B7.1	7	17	8.0	5.6	30.0	7.4	7.4	7.6	7.5	6.9	7.1	7.5	7.4	7.6	7.8	7.3	7.6	7.4	7.6	7.4	0.6	7.1	
Plate	StB	B	B7.1	7	17	8.0	5.6	30.0	7.2	7.3	7.3	7.4	7.2	7.1	7.3	7.4	7.2	7.3	7.4	7.2	7.3	7.4	7.3	0.7	8.9	
Plate	PS	B	B8	2	7	8.0	5.6	30.0	7.5	7.3	7.0	7.1	7.2	7.4	7.1	7.2	7.5	7.4	7.7				7.3	0.7	8.6	
Plate	StB	B	B8	2	7	8.0	5.6	30.0	7.0	7.6	7.2	7.4	7.5	7.1	7.6	7.2	7.7	7.8	7.8				7.4	0.6	6.9	
Plate	PS	B	B9	0	2	10.0	7.0	30.0	8.5	8.2	8.0	8.4	9.0										8.4	1.6	15.8	
Plate	StB	B	B9	0	2	10.0	7.0	30.0	9.5	9.4	9.3	9.5	9.2										9.4	0.6	6.2	
Plate	PS	C	C1	66	70	8.0	5.6	30.0	7.2	6.9	7.1	7.1											7.1	0.9	11.6	
Plate	StB	C	C1	66	70	8.0	5.6	30.0	7.2	7.6	6.9	7.5											7.3	0.7	8.7	
Plate	PS	C	C2	62	67	8.0	5.6	30.0	7.1	7.2	7.4	7.2	7.0	7.1									7.2	0.8	10.4	
Plate	StB	C	C2	62	67	8.0	5.6	30.0	7.6	7.2	7.5	7.1	7.3	7.2									7.3	0.7	8.5	
Plate	PS	C	C2.1	62	67	6.0	4.2	30.0	5.0	4.9	4.7	4.8	5.1	4.7	5.9	4.7	5.2	5.4	5.1	5.0	4.8		5.0	1.0	16.3	
Plate	StB	C	C2.1	62	67	6.0	4.2	30.0	6.0	5.4	5.7	5.8	5.3	5.6	5.7	5.4	5.1	5.2	5.2	5.3	5.8	5.2	5.5	0.5	8.7	
Plate	PS	C	C3	58	62	6.0	4.2	30.0	5.2	4.9	4.7	4.9	5.2	4.9	5.1	5.1	5.0	4.8	4.7				5.0	1.0	17.4	
Plate	StB	C	C3	58	62	6.0	4.2	30.0	5.0	4.9	5.0	4.9	5.0	5.2	5.1	4.8	4.9	5.2	5.0	5.0			5.0	1.0	16.7	
Plate	PS	C	C4	47	58	6.0	4.2	30.0	5.4	5.6	5.1	5.0	5.2	5.2	5.6	5.0	5.1	5.0	4.8	4.9	5.3	5.4	5.2	0.8	13.6	
Plate	StB	C	C4	47	58	6.0	4.2	30.0	5.0	5.2	5.3	4.9	5.3	5.2	5.3	5.2	4.6	5.3	5.4	6.0	5.3	5.2	5.2	0.8	12.9	
Operator's signature :																								Legend: Below class min		
																								Substantial corr		

Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : Shell plating																									
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths [S1], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм														Average values			Notes
																							Residial thicknes s S1,	Deminution absolut e	relative	
																							мм	мм	%	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS	C	C5	36	47	6.0	4.2	30.0	5.1	5.2	5.0	4.9	4.8	5.3	5.2	5.2	5.1	5.6	5.1				5.1	0.9	14.4	
Plate	StB	C	C5	36	47	6.0	4.2	30.0	5.0	5.4	5.3	5.2	5.5	5.3	5.0	4.9	5.2	5.2	5.0	5.2			5.2	0.8	13.6	
Plate	PS	C	C6	30	36	6.0	4.2	30.0	5.0	5.3	5.0	5.1	4.9	5.2	5.3	5.0	5.1						5.1	0.9	15.0	
Plate	StB	C	C6	30	36	6.0	4.2	30.0	5.2	5.1	4.9	5.3	5.2	5.1	5.0	4.9	5.3						5.1	0.9	14.8	
Plate	PS	C	C7	17	30	6.0	4.2	30.0	5.1	5.2	5.3	5.1	4.9	5.4	5.3	5.0	5.2	5.0	5.3	5.1	5.1		5.2	0.8	14.1	
Plate	StB	C	C7	17	30	6.0	4.2	30.0	5.2	5.4	5.3	5.0	5.2	5.1	3.2	4.3	5.0	3.2	3.4	4.0	3.2		4.4	*1.6*	26.3	Partly renew
Plate	PS	C	C8	7	17	8.0	5.6	30.0	7.1	7.2	7.4	7.2	7.6	7.1	7.0	7.2	4.2	4.6	4.1	4.5	4.2		6.1	*1.9*	23.7	Partly renew
Plate	StB	C	C8	7	17	8.0	5.6	30.0	5.0	5.2	4.9	4.6	5.0	5.1	4.9	4.1	3.3	3.2	4.8	5.3	5.2	5.4	4.7	3.3	41.1	Renew
Plate	PS	C	C9	1	7	8.0	5.6	30.0	5.7	5.7	4.2	5.7	4.1	3.9	4.1	7.0							5.1	3.0	36.9	Renew
Plate	StB	C	C9	1	7	8.0	5.6	30.0	5.2	4.1	6.0	5.3	5.2	4.3	5.1	5.7	6.0	4.6	5.2				5.2	2.8	35.6	Renew
Plate	PS	C	C10	0	2	10.0	7.0	30.0	8.9	8.7	8.5	8.6	8.9	8.8									8.7	1.3	12.7	
Plate	StB	C	C10	0	2	10.0	7.0	30.0	9.4	9.6	9.5	9.4	9.6	9.4									9.5	0.5	5.2	
Plate	PS	C	C10.1	0	2	10.0	7.0	30.0	9.6	9.4	9.4	9.5											9.5	0.5	5.3	
Plate	StB	C	C10.1	0	2	10.0	7.0	30.0	9.5	9.6	9.7	9.3											9.5	0.5	4.8	
Plate	PS	D	D1	68	70	8.0	5.6	30.0	5.1	5.6	5.2												5.3	2.7	33.8	Renew
Plate	StB	D	D1	68	70	8.0	5.6	30.0	7.3	7.6	7.7												7.5	0.5	5.8	
Plate	PS	D	D2	63	68	6.0	4.2	30.0	3.2	3.9	4.6	3.2	4.0	3.6	3.4	4.0	4.8	3.7	3.2	3.3	3.1		3.7	2.3	38.5	Renew
Plate	StB	D	D2	63	68	6.0	4.2	30.0	4.2	3.0	4.0	3.9	3.2	4.1	3.4	3.2	3.6	3.8	3.4	5.2	3.8	3.5	3.7	2.3	37.7	Renew
Plate	PS	D	D3	58	64	6.0	4.2	30.0	5.8	5.8	5.7	5.7	5.8	5.9	6.0	3.1	3.7	3.2	4.2	3.8	3.9	3.7	4.7	1.3	21.1	Partly renew
Plate	StB	D	D3	58	64	6.0	4.2	30.0	3.9	4.0	4.9	3.6	4.2	3.3	3.1	3.3	4.2	3.6	4.9	3.4	3.0	3.6	3.8	2.2	36.9	Renew
Plate	PS	D	D4	47	58	6.0	4.2	30.0	5.1	5.0	5.6	5.1	4.9	4.6	3.1	4.4	3.2	4.9	4.0	4.1	5.1	3.1	4.4	*1.6*	26.0	Renew
Plate	StB	D	D4	47	58	6.0	4.2	30.0	4.2	3.2	5.0	3.3	4.3	5.6	5.0	5.1	4.5	5.3	4.5	4.3	4.7	5.0	4.6	*1.4*	23.8	Renew

Operator's signature :

Legend: Below class min

Substantial corr

Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : Shell plating																									
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths [S1], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм														Average values			Notes
																							Residial thicknes s S1,	Deminution absolut e	Deminution relative	
																							мм	мм	%	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS	D	D5	36	58	8.0	5.6	30.0	3.9	3.7	3.8	3.7	4.7	5.2	4.6	5.2	5.6	4.3	3.2	3.3	5.4	5.3	4.4	3.6	44.7	Renew
Plate	StB	D	D5	36	58	8.0	5.6	30.0	7.5	7.6	7.8	7.4	7.7	7.5	7.6	4.2	5.6	4.6	5.2	4.2	4.0	5.0	6.1	*1.9*	23.3	Partly renew
Plate	PS	D	D6	30	36	8.0	5.6	30.0	3.2	3.0	4.8	4.4	4.9	5.1	5.0	4.9	5.1	5.0	5.0	3.1			4.5	3.5	44.3	Renew
Plate	StB	D	D6	30	36	8.0	5.6	30.0	4.2	4.6	4.3	4.2	3.9	5.0	3.8	4.9	4.6	3.1	3.0	3.2			4.1	3.9	49.2	Renew
Plate	PS	D	D7	17	30	8.0	5.6	30.0	3.2	5.3	5.4	4.4	5.1	5.3	4.8	4.1	3.8	4.6	5.0	3.3	5.2	5.0	4.6	3.4	42.4	Renew
Plate	StB	D	D7	17	30	8.0	5.6	30.0	4.2	4.9	5.0	4.3	4.5	5.0	3.9	4.2	4.4	4.8	5.2	6.0	4.5	3.8	4.6	3.4	42.2	Renew
Plate	PS	D	D8	7	17	8.0	5.6	30.0	3.2	5.1	4.8	5.6	4.5	3.1	3.8	3.1	4.0	3.9					4.1	3.9	48.6	Renew
Plate	StB	D	D8	7	17	8.0	5.6	30.0	5.8	4.9	5.0	3.3	3.1	3.2	3.3	5.0	4.5	4.3	4.2	4.3	4.6		4.3	3.7	46.6	Renew
Plate	PS	D	D9	2	7	8.0	5.6	30.0	7.6	7.7	7.2	7.1	7.7	7.3	7.1	7.0	7.2	7.5	7.2	7.1	7.4		7.3	0.7	8.6	
Plate	StB	D	D9	2	7	8.0	5.6	30.0	4.6	4.1	5.2	5.1	4.9	7.8	7.6	7.5	7.6	7.5	7.4	7.7	7.8	7.4	6.6	1.4	17.7	Partly renew
Plate	PS	D	D10	0	2	10.0	7.0	30.0	9.8	9.7	9.9	9.8	9.6	9.5	9.7								9.7	0.3	2.9	
Plate	StB	D	D10	0	2	10.0	7.0	30.0	9.4	9.2	9.4	9.3	9.1	9.2	9.4								9.3	0.7	7.1	
Operator's signature :																							Legend: Below class min			
																							Substantial corr			

Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : BHD 4 FR.																								
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths [S1], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм														Average values			Notes
																							Residial thicknes s S1,	Deminution absolut e	relative	
																							мм	мм	%	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS		A	4		7.5	5.3	30.0	6.9	6.3	7.0	7.2											6.9	0.7	8.7	Renew
Plate	StB		A	4		7.5	5.3	30.0	7.0	6.5	6.6												6.7	0.8	10.7	Renew
Plate	PS		B	4		6.0	4.2	30.0	4.6	5.4	5.2												5.1	0.9	15.6	Renew
Plate	StB		B	4		6.0	4.2	30.0	5.4	5.0	5.1												5.2	0.8	13.9	Renew
Plate	PS		C	4		6.0	4.2	30.0	5.5	5.2	5.4												5.4	0.6	10.6	Renew
Plate	StB		C	4		6.0	4.2	30.0	4.9	5.1	5.2	5.0											5.1	1.0	15.8	Renew

Operator's signature :

Legend: Below class min

Substantial corr

Form 1.2

HARBOUR RIGA

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : BHD 9 FR.																								
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths [Si], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм														Average values			Notes
																							Residial thicknes s S1,	Deminution absolut e	relative	
																							мм	мм	%	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS		A	9		7.5	5.3	30.0	7.2	7.2	7.4	5.0	5.2	5.0	5.1	4.2							5.8	*1.7*	22.8	Partly renew
Plate	StB		A	9		7.5	5.3	30.0	4.5	5.2	4.7	4.9	5.0	7.4	7.3	7.2							5.8	*1.7*	23.0	Partly renew
Plate	PS		B	9		6.0	4.2	30.0	5.8	6.0	5.9	3.0	3.6	2.9	3.0	3.3							4.2	1.8	30.2	Partly renew
Plate	StB		B	9		6.0	4.2	30.0	3.7	3.6	3.4	3.2	5.7	5.9	5.8								4.5	*1.5*	25.5	Partly renew
Plate	PS		C	9		6.0	4.2	30.0	5.7	6.0	5.8	3.7	3.0	3.9	3.1	3.3							4.3	*1.7*	28.1	Partly renew
Plate	StB		C	9		6.0	4.2	30.0	3.6	3.7	4.0	3.2	3.4	5.7	6.0	5.5							4.4	*1.6*	26.9	Partly renew

Operator's signature :

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Substantial corr

Form 1.2

HARBOUR RIGA

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : BHD 17 FR.																								
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths [Si], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм														Average values			Notes
																							Residial thicknes s S1, мм	Deminution absolute мм	Deminution relative %	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS		A	17		7.5	5.3	30.0	7.2	7.4	7.3												7.3	0.2	2.7	
Plate	StB		A	17		7.5	5.3	30.0	7.3	7.2	7.2												7.2	0.3	3.6	
Plate	PS		B	17		6.0	4.2	30.0	5.8	5.9	5.7												5.8	0.2	3.3	
Plate	StB		B	17		6.0	4.2	30.0	5.7	5.9	5.7												5.8	0.2	3.9	
Plate	PS		C	17		6.0	4.2	30.0	5.8	5.9	6.0												5.9	0.1	1.7	
Plate	StB		C	17		6.0	4.2	30.0	5.9	5.7	5.8												5.8	0.2	3.3	

Operator's signature :

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Substantial corr

Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : BHD 28 FR.																									
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths [S1], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм															Average values			Notes
																								Residial thicknes s S1,	Deminution absolut e	relative	
																								мм	мм	%	
2	3	4	5	6	7	8	9	10	11															12	13	14	15
Plate	PS		A	28		7.5	5.3	30.0	7.3	7.2	7.1	5.0	4.1	4.7	4.5	4.2								5.5	*2.0*	26.5	Partly renew
Plate	StB		A	28		7.5	5.3	30.0	4.5	4.7	4.9	4.2	4.6	7.5	7.1	7.3								5.6	*1.9*	25.3	Partly renew
Plate	PS		B	28		6.0	4.2	30.0	6.0	5.9	5.8	3.4	3.4	3.0	3.2	3.1								4.2	*1.8*	29.6	Partly renew
Plate	StB		B	28		6.0	4.2	30.0	3.1	2.8	3.5	3.7	3.6	5.8	6.0	5.9								4.3	*1.7*	28.3	Partly renew
Plate	PS		C	28		6.0	4.2	30.0	5.7	5.9	5.9	3.2	3.0	3.4	3.5	3.1								4.2	*1.8*	29.8	Partly renew
Plate	StB		C	28		6.0	4.2	30.0	3.1	3.5	3.5	3.0	3.1	5.7	5.9	5.9								4.2	*1.8*	29.8	Partly renew

Operator's signature :

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Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : BHD 34 FR.																									
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths [S1], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм														Average values			Notes
																							Residial thicknes s S1, мм	Deminution absolute мм	Deminution relative %	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS		A	34		7.5	5.3	30.0	7.0	7.5	7.4	7.3											7.3	0.2	2.7	
Plate	StB		A	34		7.5	5.3	30.0	7.5	7.4	7.1	7.3											7.3	0.2	2.3	
Plate	PS		B	34		6.0	4.2	30.0	6.0	5.9	5.7	5.7	5.8										5.8	0.2	3.0	
Plate	StB		B	34		6.0	4.2	30.0	5.8	6.0	6.0	5.7	5.7	5.8									5.8	0.2	2.8	
Plate	PS		C	34		6.0	4.2	30.0	5.8	5.9	5.8												5.8	0.2	2.8	
Plate	StB		C	34		6.0	4.2	30.0	5.9	6.0	5.8												5.9	0.1	1.7	

Operator's signature :

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Substantial corr

Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : BHD 41 FR.																								
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths [Si], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм														Average values			Notes
																							Residial thicknes s S1, мм	Deminution absolut e мм	Deminution relative %	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS		A	41		7.5	5.3	30.0	7.5	7.4	7.3												7.4	0.1	1.3	
Plate	PS		B	41		6.0	4.2	30.0	5.5	5.7	5.7												5.6	0.4	6.1	
Plate	PS		C	41		6.0	4.2	30.0	5.9	5.8	5.8												5.8	0.2	2.8	
Plate	PS		A1	41		7.5	5.3	30.0	7.4	7.3													7.4	0.2	2.0	
Plate	StB		A1	41		7.5	5.3	30.0	7.3	7.4	7.4	7.3	7.2										7.3	0.2	2.4	
Plate	PS		B1	41		6.0	4.2	30.0	5.8	5.6													5.7	0.3	5.0	
Plate	StB		B1	41		6	4.2	30.0	5.6	5.6	5.7	5.7	5.5										5.6	0.4	6.3	
Plate	PS		C1	41		6	4.2	30.0	5.9	5.5													5.7	0.3	5.0	
Plate	StB		C1	41		6	4.2	30.0	5.6	5.5	5.3	5.6	5.4										5.5	0.5	8.7	

Operator's signature :

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Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : BHD 56 FR.																									
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths [Si], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм														Average values			Notes
																							Residial thicknes s S1, мм	Deminution absolut e мм	Deminution relative %	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS		A	56		9.5	6.7	30.0	8.4	8.9	8.9	8.8											8.8	0.8	7.9	
Plate	StB		A	56		9.5	6.7	30.0	8.9	8.7	8.9	8.7											8.8	0.7	7.4	
Plate	PS		B	56		6.0	4.2	30.0	5.8	5.7	5.7	5.6											5.7	0.3	5.0	
Plate	StB		B	56		6.0	4.2	30.0	5.7	6.0	5.8	5.9											5.9	0.2	2.5	
Plate	PS		C	56		6.0	4.2	30.0	5.7	5.9	5.8	6.0	5.6	5.5									5.8	0.3	4.2	
Plate	StB		C	56		6.0	4.2	30.0	5.5	5.6	5.7	5.6	5.4	5.9									5.6	0.4	6.4	

Operator's signature :

Legend: Below class min

Substantial corr

Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : BHD 65 FR.																									
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial ths [Si], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм															Average values			Notes
																								Residial thicknes s S1, мм	Deminution absolut e мм	Deminution relative %	
2	3	4	5	6	7	8	9	10	11															12	13	14	15
Plate	PS		A	65		7.5	5.3	30.0	7.4	7.5	7.5	7.3	7.4											7.4	0.1	1.1	
Plate	StB		A	65		7.5	5.3	30.0	7.4	7.3	7.4	7.3	7.3											7.3	0.2	2.1	
Plate	PS		B	65		6.0	4.2	30.0	5.8	5.9	5.6	5.8	5.7	6.0	5.8	5.7	5.6							5.8	0.2	3.9	
Plate	StB		B	65		6.0	4.2	30.0	5.7	5.7	5.7	5.8	5.6	5.8	5.9	5.7	5.9							5.8	0.2	4.1	

Operator's signature :

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Substantial corr

Form 1.2

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

Ship's name UŽAVA IMO No 8847478 Report № HR-09-14

1	Structure : LBHD CT 6																								
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, мм	Allowable residial th s [S1], мм	Max. allow.deminution %	Remaining thickness gauged Si, мм														Average values			Notes
																							Residial thicknes s S1,	Deminution absolut e	relative	
																							мм	мм	%	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS		A1	21	28	7.5	5.3	30.0	5.0	5.1	4.8	4.9	5.2	4.6	4.9	4.8	4.9						4.9	2.6	34.5	Renew
Plate	StB		A1	21	28	7.5	5.3	30.0	5.0	4.9	5.2	5.3	5.2	4.0	5.3	4.9							5.0	2.5	33.7	Renew
Plate	PS		A2	9	21	7.5	5.3	30.0	5.0	5.1	4.7	5.4	5.2	5.4	4.9	5.0	5.1	4.9	5.3				5.1	2.4	32.1	Renew
Plate	StB		A2	9	21	7.5	5.3	30.0	4.5	5.0	4.9	4.9	5.2	5.1	5.0	4.8	5.0	4.6	4.9				4.9	2.6	34.7	Renew
Plate	PS		B1	21	28	6.0	4.2	30.0	3.1	3.2	3.0	3.8	3.9	3.9	4.0								3.6	2.4	40.7	Renew
Plate	StB		B1	21	28	6.0	4.2	30.0	3.1	3.2	3.0	3.5	3.8	3.9	4.0	3.6							3.5	2.5	41.5	Renew
Plate	PS		B2	9	21	6	4.2	30.0	3.8	2.0	3.1	3.3	4.2	3.5	3.1	3.2	3.7	3.6	4.2				3.4	2.6	42.9	Renew
Plate	StB		B2	9	21	6	4.2	30.0	3.8	3.0	3.1	3.3	3.2	4.1	4.2	3.5	3.5	3.0	3.2				3.4	2.6	42.6	Renew
Operator's signature :																							Legend: Below class min			
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TANK PLAN

m/v "UZAVA"
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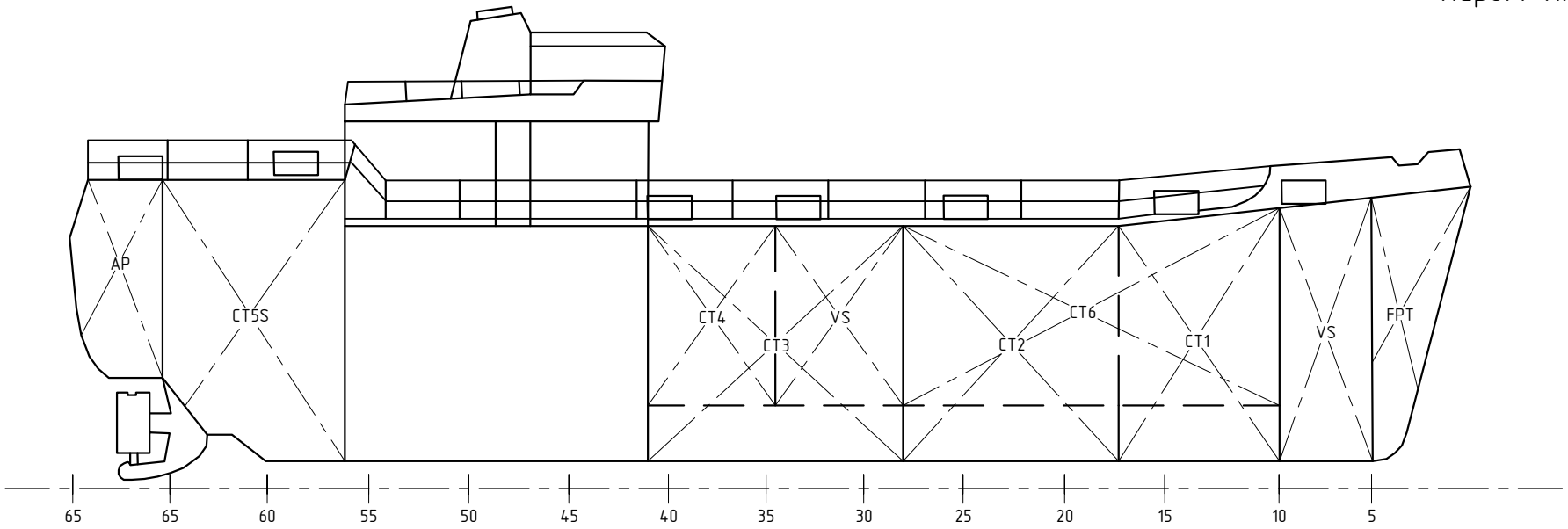

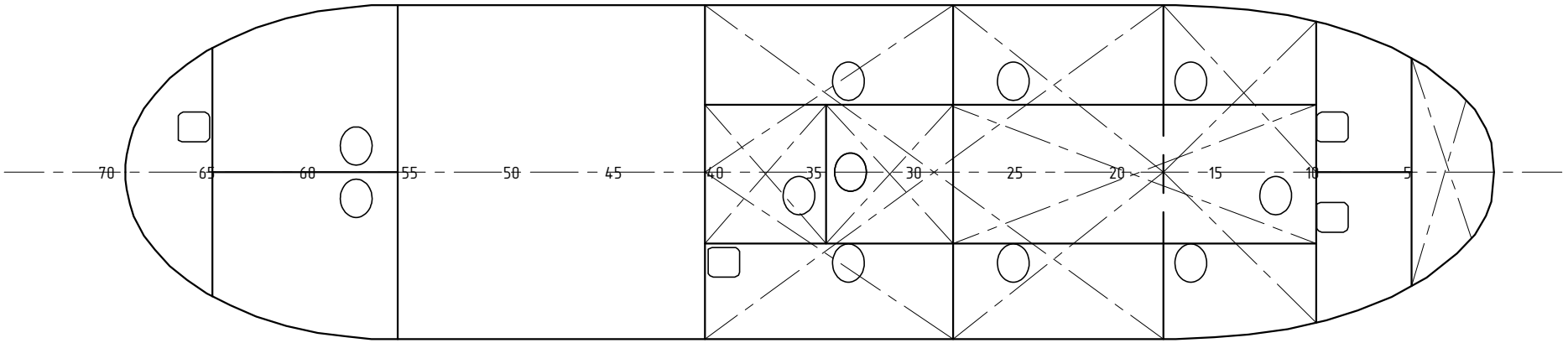

Operator's signature:

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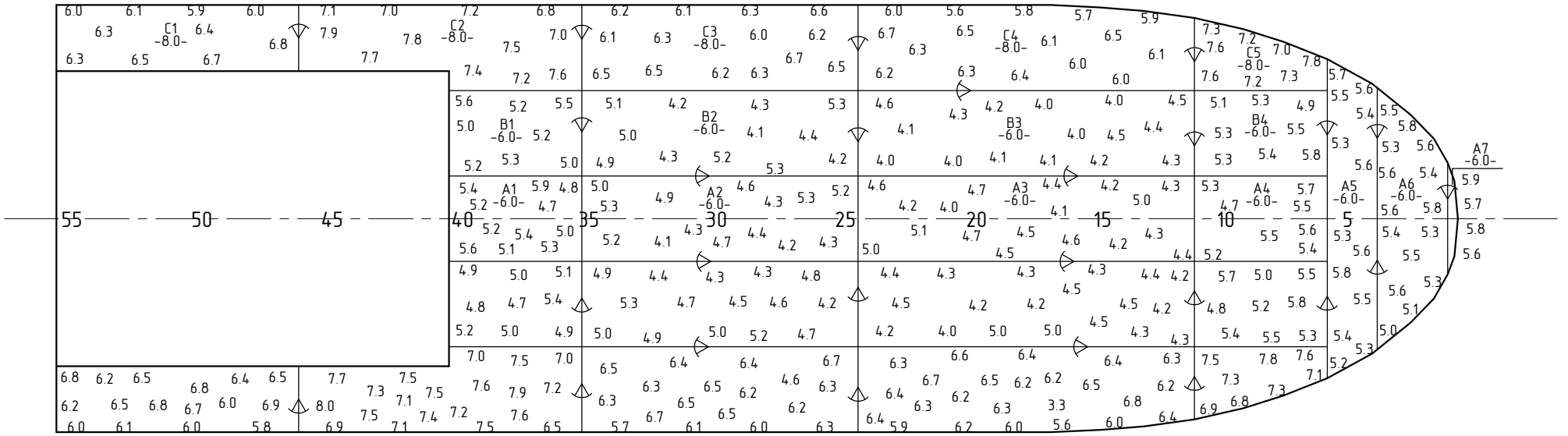
MAIN DECK

PS



STB

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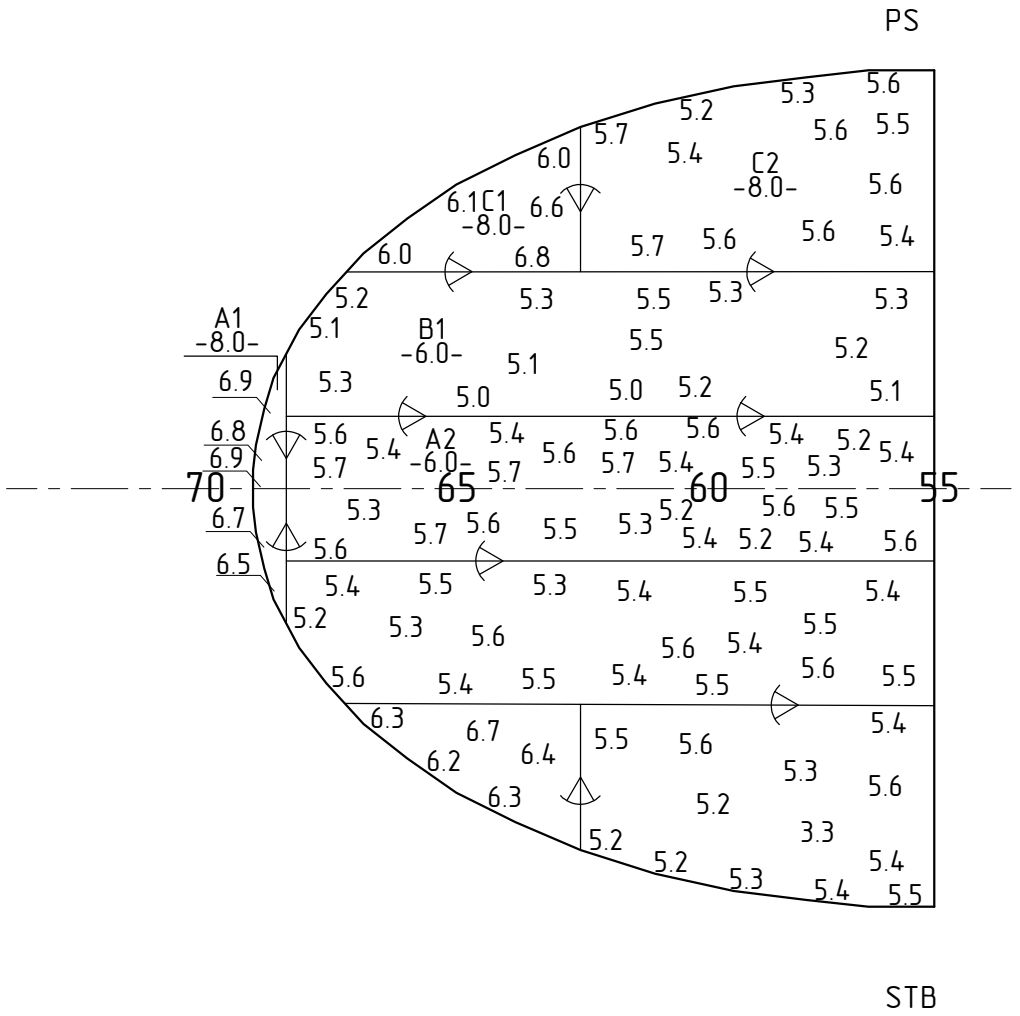
POOP DECK



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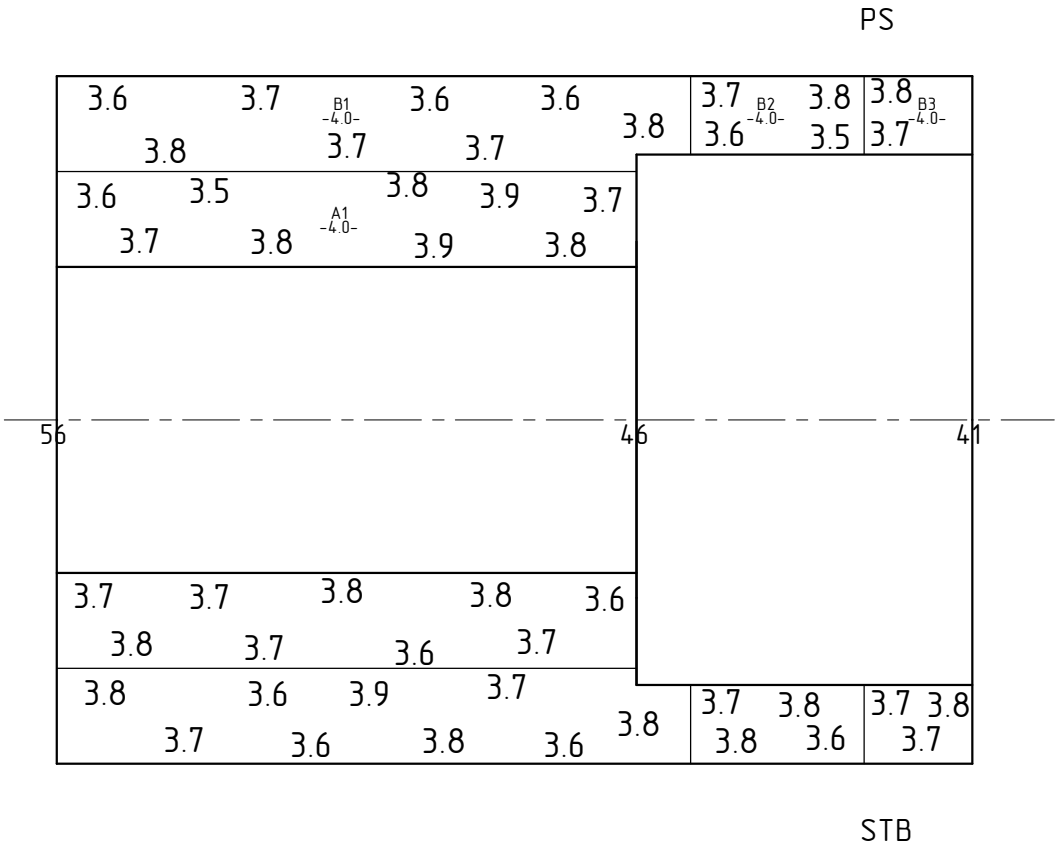
SUPERSTRUCTURE DECK



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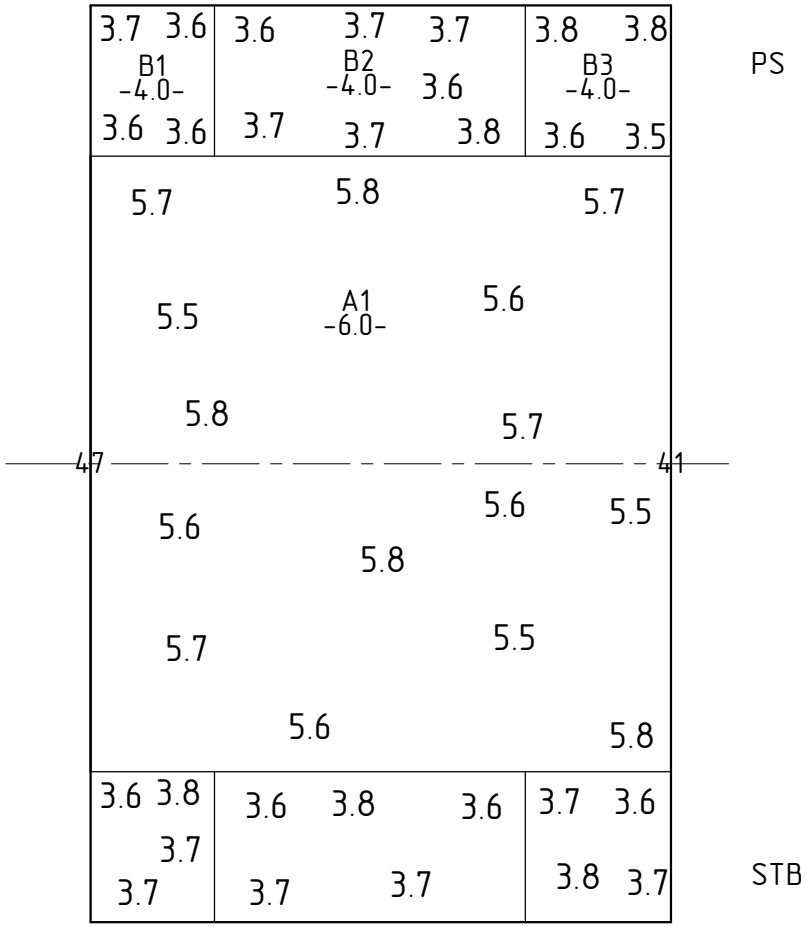
2ND SUPERSTRUCTURE DECK



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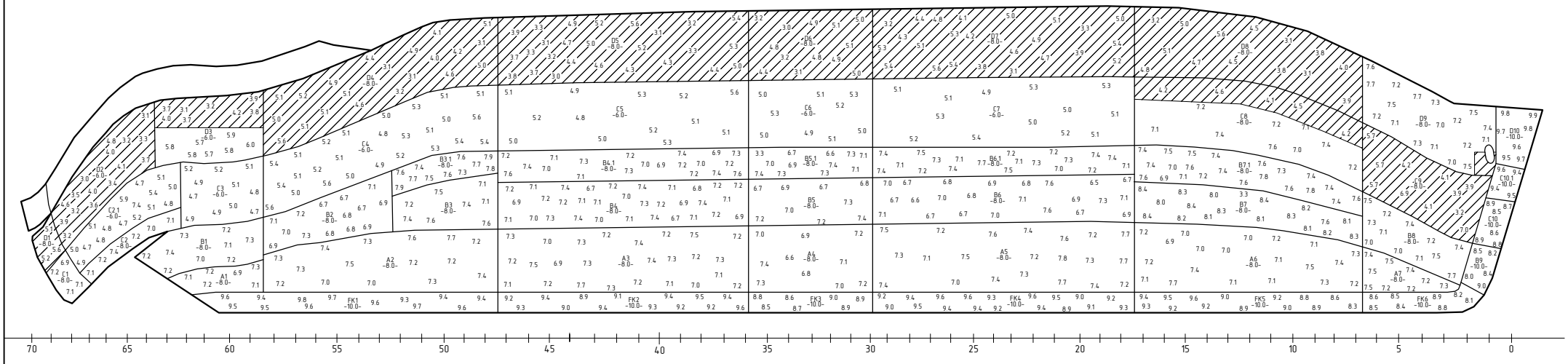
SHELL PLATING PS



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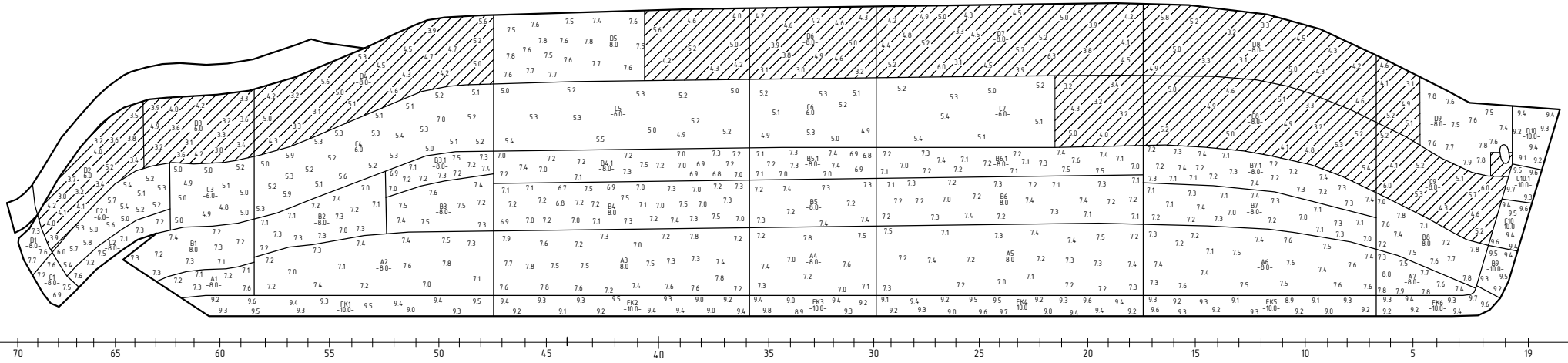
SHELL PLATING STB



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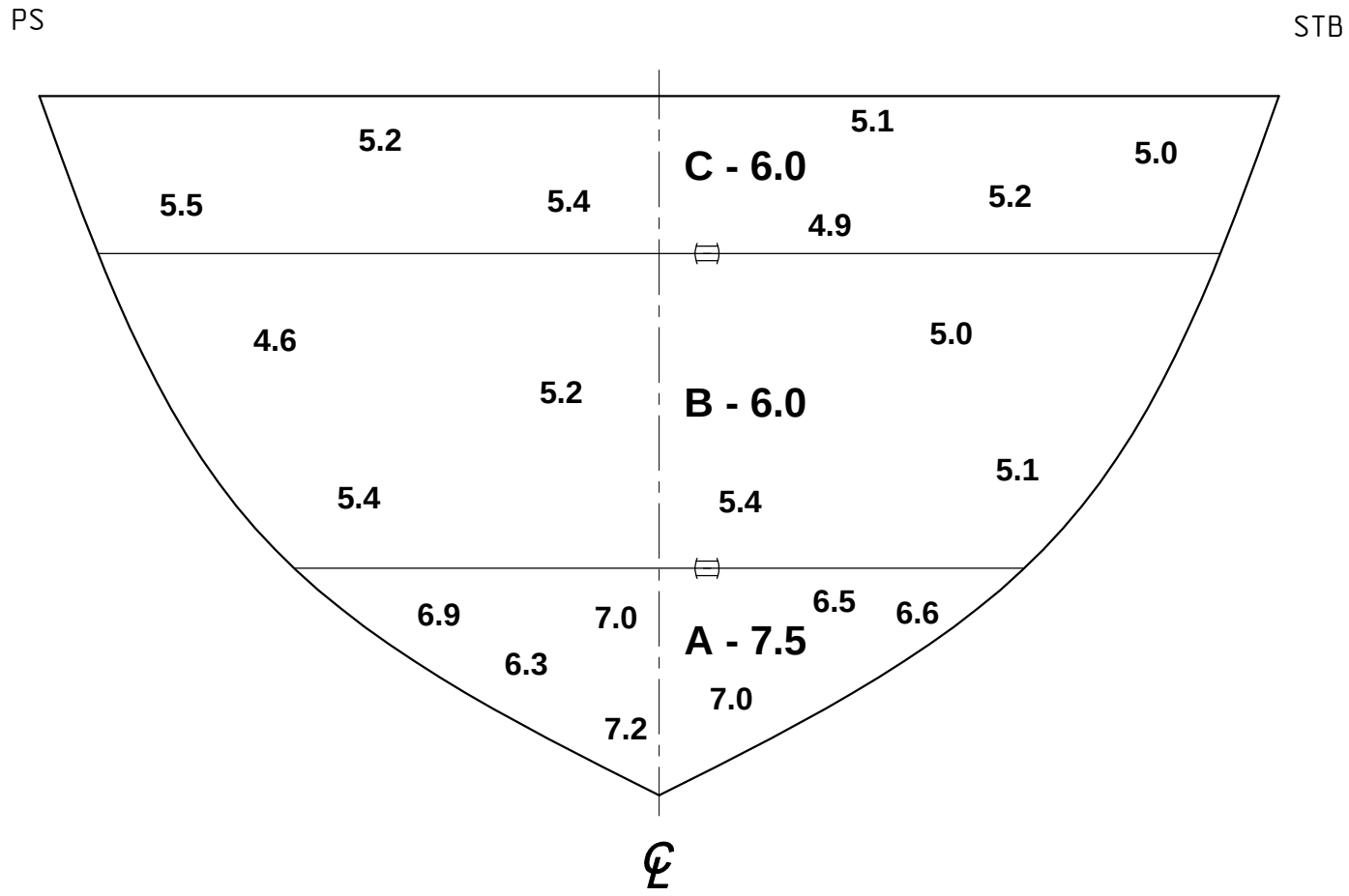
TBHD 4



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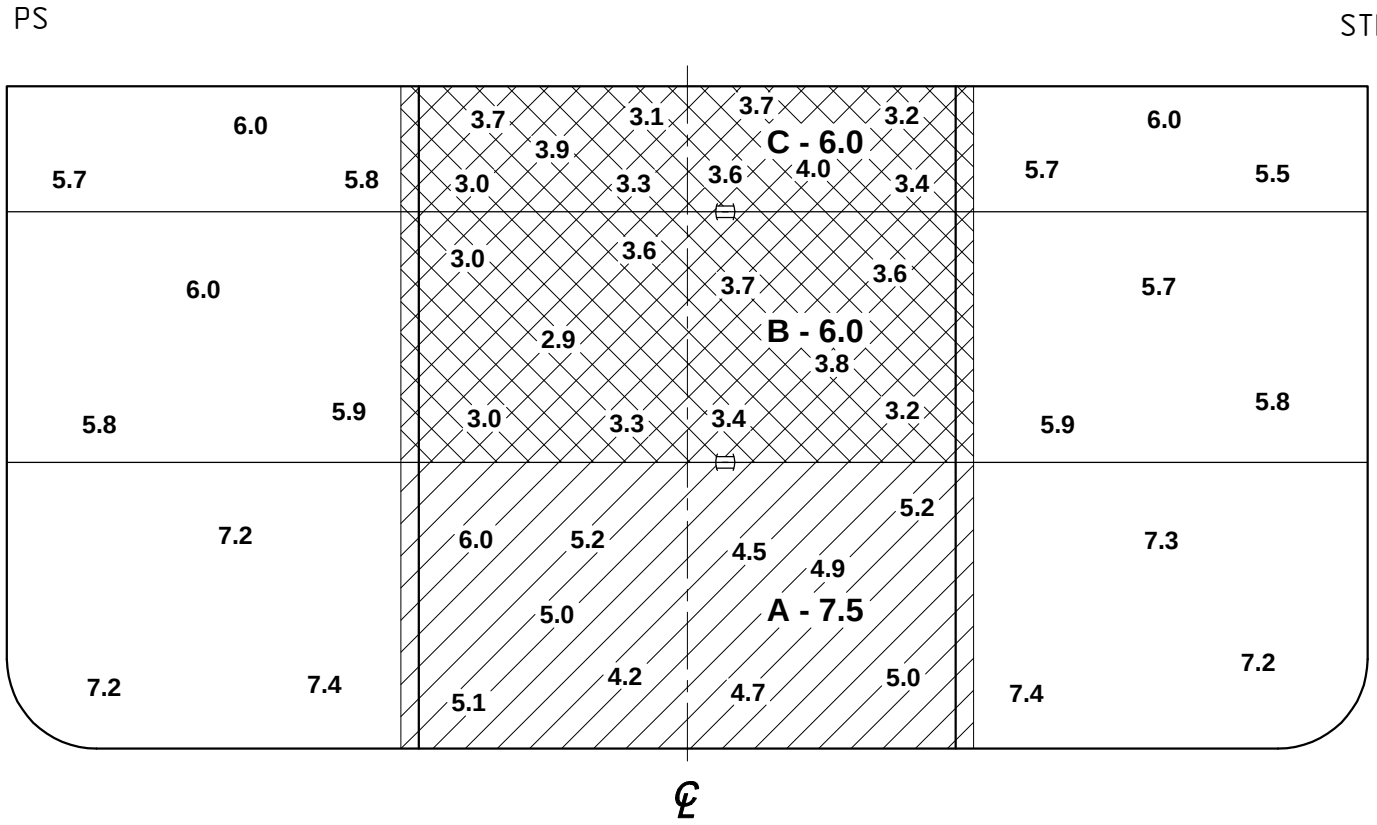
TBHD 9



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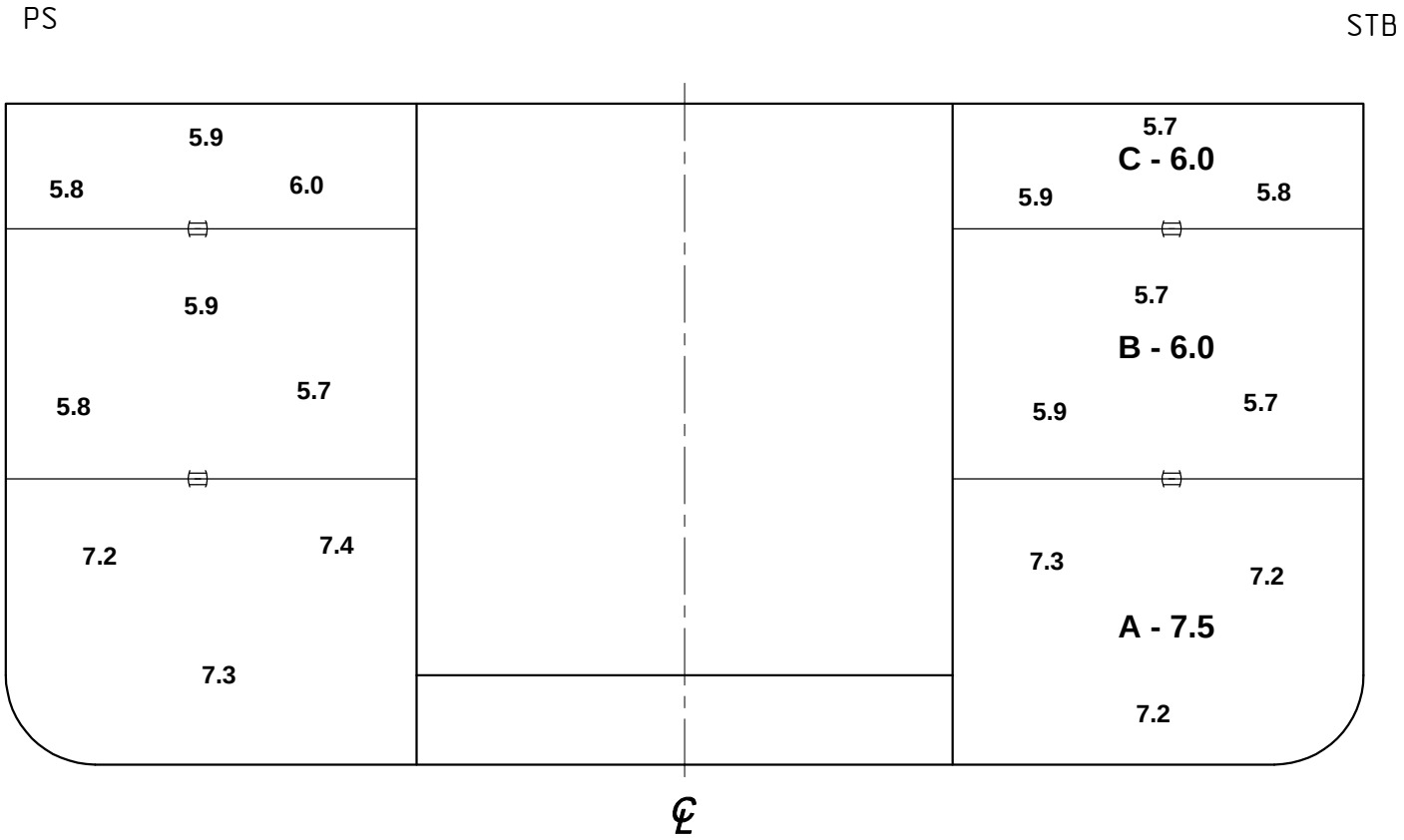
TBHD 17



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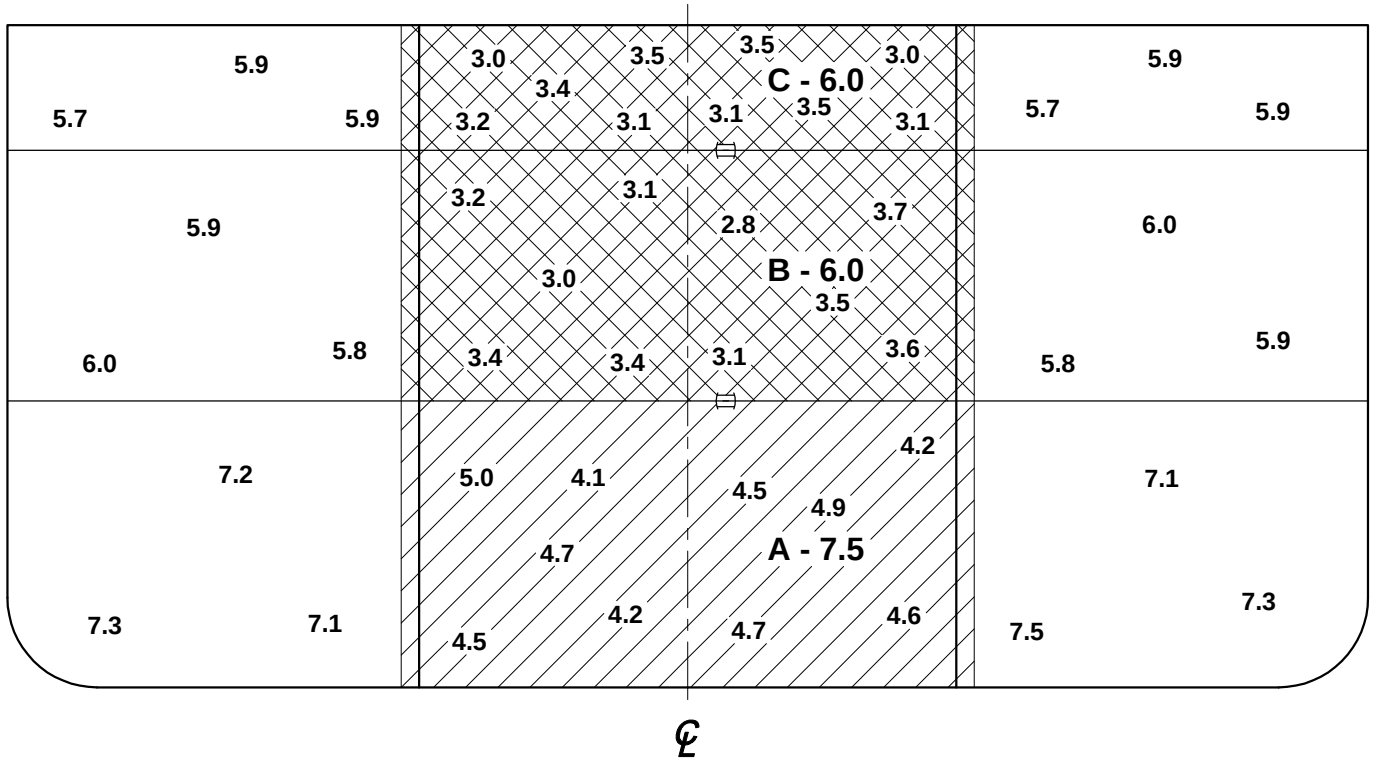
TBHD 28



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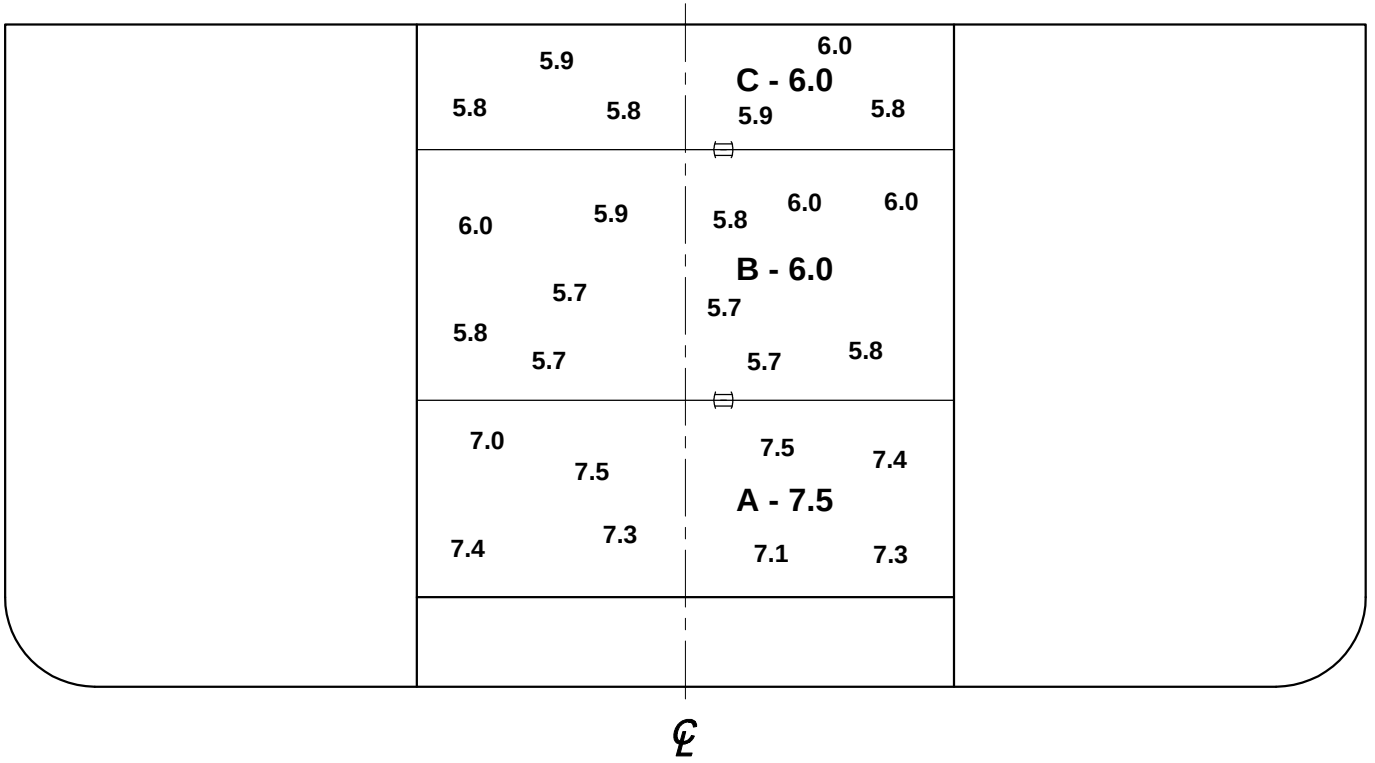
TBHD 34

PS STB



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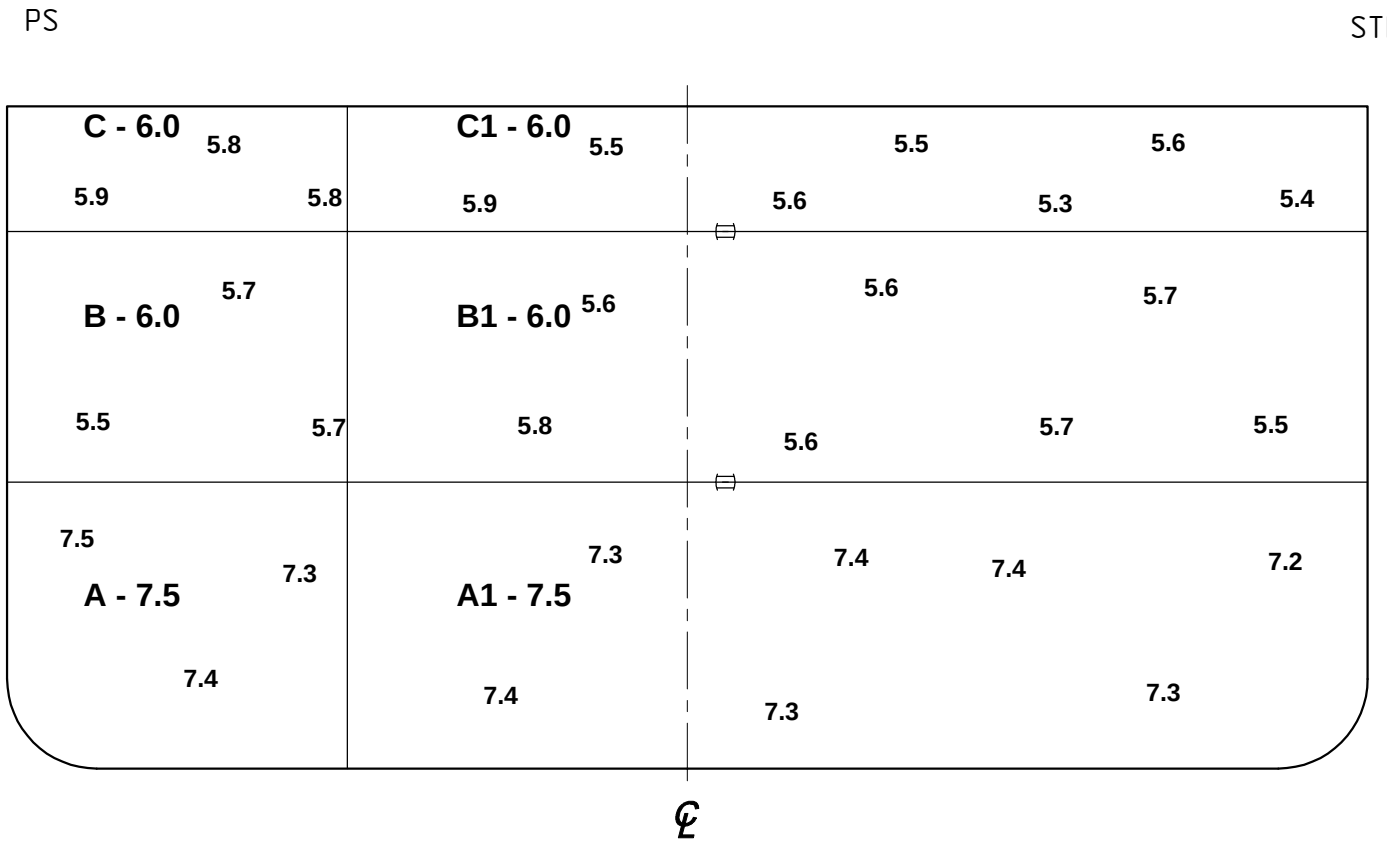
TBHD 41



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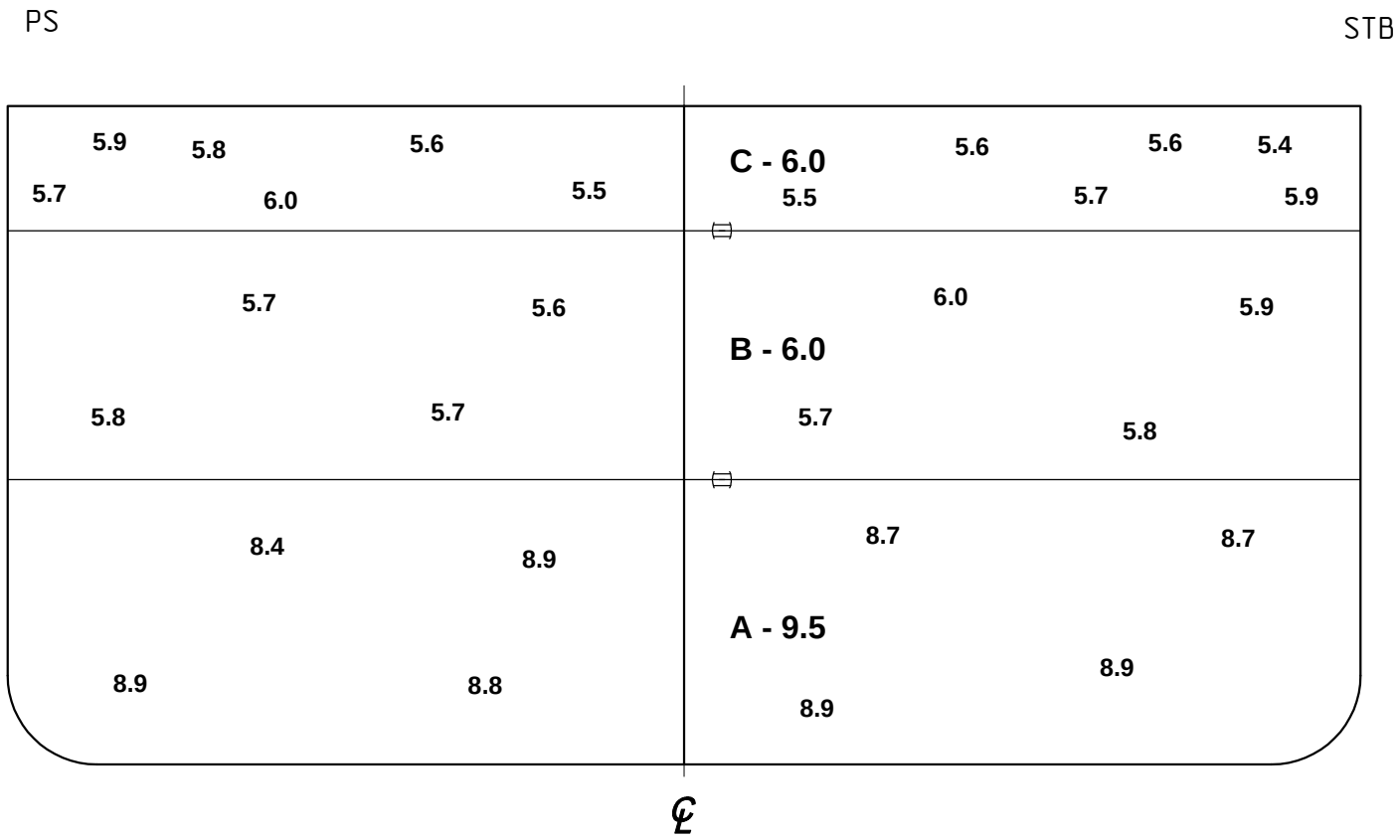
TBHD 56



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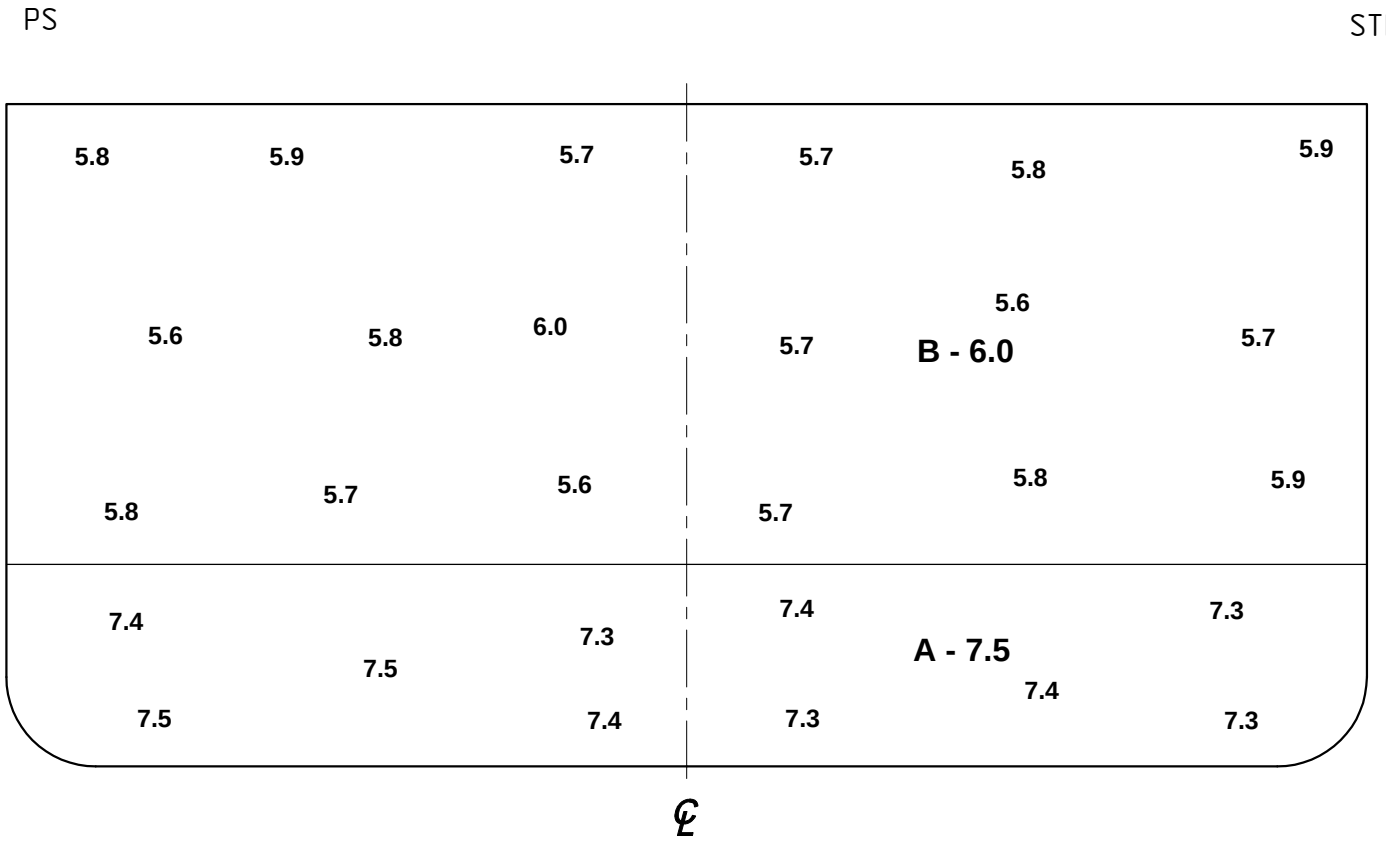
TBHD 65



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LBHD CT6

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