



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-22-14
on thickness measurements
hull structures "SVETE "

Consisting of 28 sheets

Flag

Latvia

LATVIJAS JŪRAS ADMINISTRĀCIJA

Port of registry

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.*

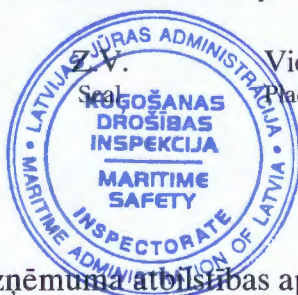
Uzņēmuma atbilstības apliecība ir derīga ar nosacījumu, ka tā tiek apstiprināta katru gadu.

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



Vieta
Place

Rīga

Datums
Date

2012. gada 26. oktobris

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.
Seal



Vieta
Place

Rīga

Date

Datums 2012. gada 26. oktobris

A. Ošs

pilnvarotās personas paraksts, uzvārds
Signature and name of authorized official

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

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

Manufacturing sector: 1 – machine building and metal production;
2 – aviation; 3 – power generation; 4 – electronic and instrument making;
5 – pipe-line transport; 6 – railway transport; 7 – shipbuilding; ship repairing
Address of the «Prometej» CA: 191167 St. Petersburg, emb. Sinogskaya, 32
Telephone: (812) 274-62-09 Protocol № AI6113s dated 10.11.2011 yr.
Fax: (812) 274-16-29

RUSSIAN FEDERATION
System of Certification of Personnel on Nondestructive Testing (EN473)
The «PROMETEY» centre HK - 02 of attestation
Certificates № POCC RU. 0001. 03H300. O-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



ĢEOMETRISKO UN KUSTĪBAS PARAMETRU MĒRĪJUMU LABORATORIJA

Laboratory of Geometrical and Motion Parameters Measurement

Mērlīdzekļa nosaukums

Calibration item

Tips *DM4*

Type

Nr.

Serial No.

Biezummērītājs, ultraskaņas

*16855-*015KJJ**

Mērdiapažons

Measuring range

(1,2 – 200,0) mm

Ražotājs

Manufacturer

"GE Inspection Technologies" ASV

Pasūtītājs

Customer

SIA "HARBOUR RIGA"

Gāles iela 2, Rīga

Kalibrēšanas metode un nosacījumi

Calibration method and environmental conditions

LNMC G 167:2010

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

Kalibrēšanas datums

Date of calibration

201 4.gada "28." marts

Rezultāti

Results

Skatīt otrajā lapā

Izsekojamība

Traceability

LNMC darba etalons – biezuma mēru etalonkomplekts Nr. 27

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



Laboratorijas vadītājs

Head of Laboratory

(signature)

D.Burmistre
(paraksts un tā atšifrējums t.67362086)
(signature and name)

Izpildītājs

Operator

(signature)

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

Izdošanas datums

Date of issue

201 4.gada "31." marts

Lapa 1(2)

Page



MĒRĪJUMU REZULTĀTI:
Measurement results

Kalibrēšanā izmantots: *DA 451 pārveidotājs Nr. 59167-1043; 5MHz; Krautkramer*
In calibration used

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
Operator


(paraksts un tā atšifrējums)
(signature and name)

D.Burmistre

THICKNESS MEASUREMENT REPORT GENERAL PARTICULARS

Ship's name:	<i>SVETE</i>	
IMO number:		
Class identity number:	<i>1022</i>	
Port of registry:	<i>VENTSPILS</i>	
Gross tons:	<i>34</i>	
Deadweight:	<i>10</i>	
Date of build:	<i>1986</i>	
Classification society:	<i>LJA</i>	

Name of firm performing thickness measurement:	<i>HARBOUR RIGA</i>	
Thickness measurement firm certified by:	<i>LATVIJAS JŪRAS ADMINISTRĀCIJA</i>	
Approval No.:	<i>07.0246.06</i>	
Approval valid from	<i>2012-09-15 to 2017-09-15</i>	
Place of measurement:	<i>VENTSPILS</i>	
First date of measurement:	<i>18.08.2014</i>	
Last date of measurement:	<i>18.08.2014</i>	
Special survey / intermediate / other survey due:	_____	
Details of measurement equipment:	<i>DM 4</i>	
Qualification of operators:	<i>UT- LEVEL 2.</i>	

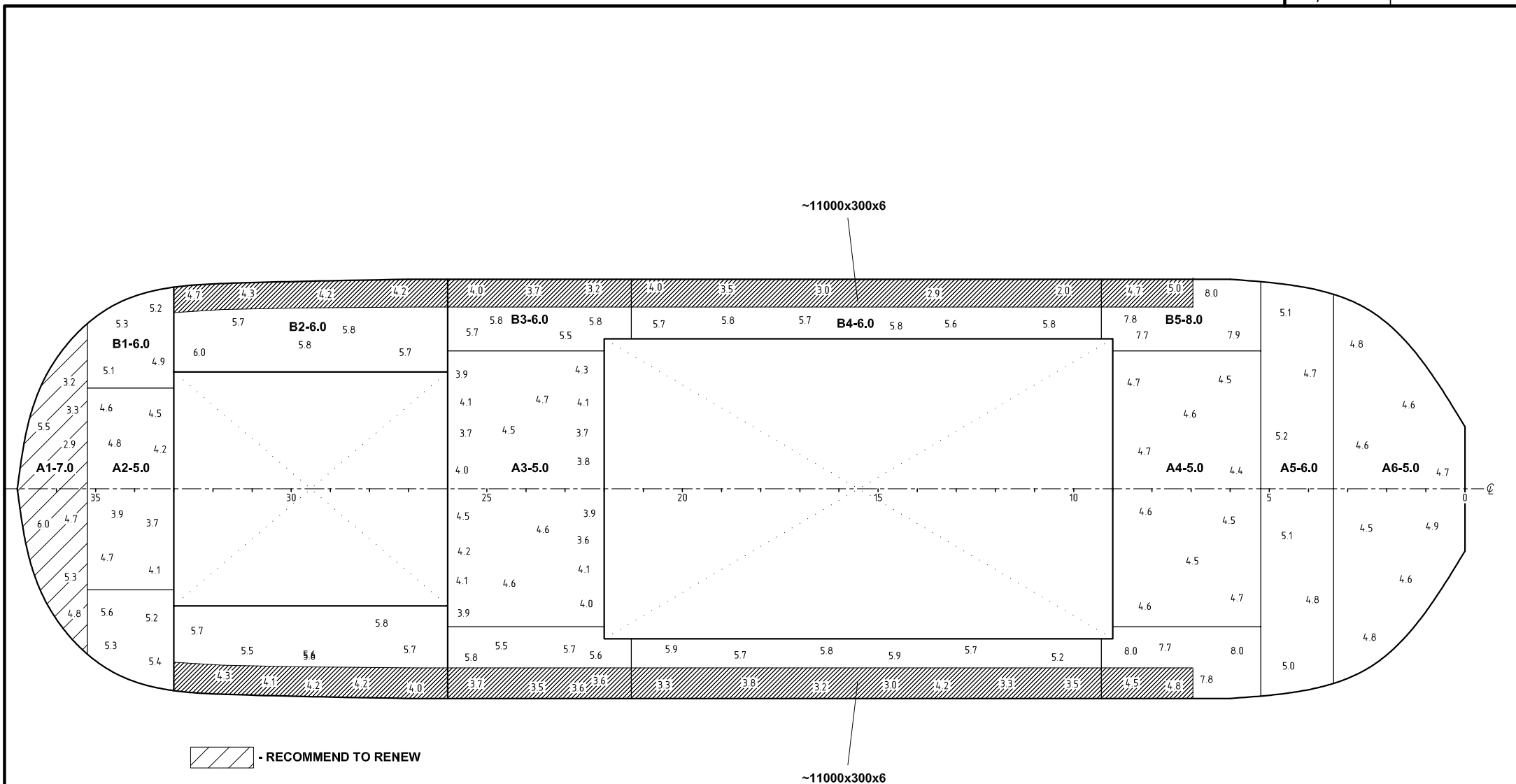
Report Number:	<i>HR-22-14</i>	Consisting of 28 Sheets.
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Name of operators:	<i>A.ELKSNIS</i>	Name of surveyor:
Signature of operators:		Signature of surveyor:
Firm official stamp:		Classification Society
		Official Stamp:



Ship's name: SVETE
REG. No.: 1022
Report No.: HR-22-14

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

Ship's name

SVETE

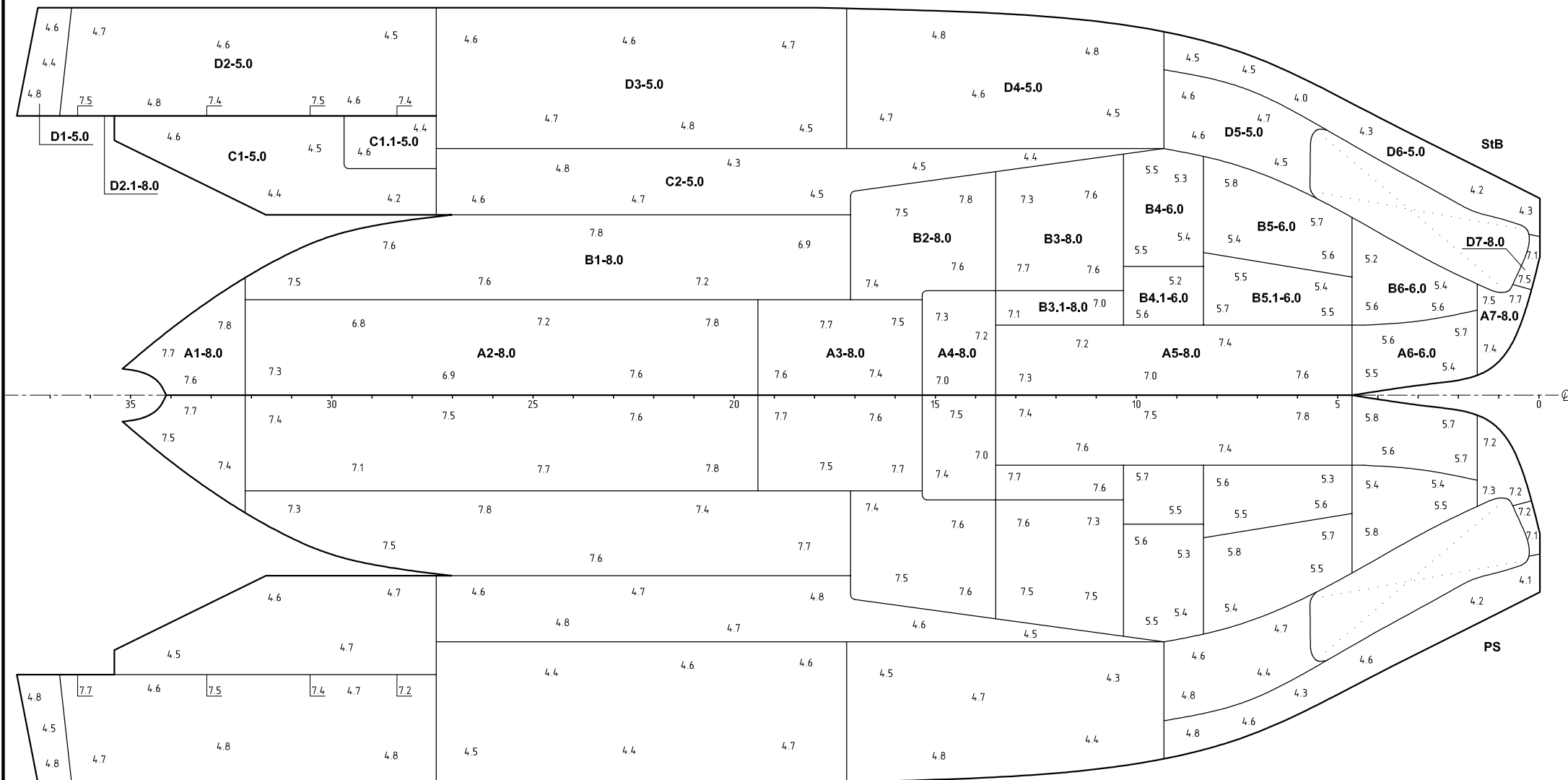
REG No

1022

Report №

HR-22-14

1	Structure : Main deck plating																									
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, MM	Allowable residual thickness [S _L], MM	Max. allow.demination %	Remaining thickness gauged S _i , MM														Average values			Notes
																							Residual thickness S ₁ ,	Deminution		
																								absolute	relative	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS	A	A1	35	37	7.0	4.9	30.0	2.9	5.5	3.3	3.2											3.7	3.3	46.8	Renew
Plate	StB	A	A1	35	37	7.0	4.9	30.0	6.0	4.7	5.3	4.8											5.2	1.8	25.7	Renew
Plate	PS	A	A2	33	35	5.0	3.5	30.0	4.6	4.5	4.8	4.2											4.6	0.4	7.3	
Plate	StB	A	A2	33	35	5.0	3.5	30.0	3.9	3.7	4.7	4.1											4.1	0.9	18.0	
Plate	PS	A	A3	22	26	5.0	3.5	30.0	3.9	4.1	3.7	4.0	4.5	4.7	4.3	4.1	3.7	3.8					4.1	0.9	18.4	
Plate	StB	A	A3	22	26	5.0	3.5	30.0	4.5	4.6	3.9	3.6	4.2	4.1	4.1	4.6	4.0	3.9					4.2	0.9	17.0	
Plate	PS	A	A4	5	9	5.0	3.5	30.0	4.7	4.7	4.6	4.5	4.4										4.6	0.4	8.4	
Plate	StB	A	A4	5	9	5.0	3.5	30.0	4.6	4.5	4.5	4.6	4.7										4.6	0.4	8.4	
Plate	PS	A	A5	3	5	6.0	4.2	30.0	5.1	5.2	4.7												5.0	1.0	16.7	
Plate	StB	A	A5	3	5	6.0	4.2	30.0	5.1	4.8	5.0												5.0	1.0	17.2	
Plate	PS	A	A6	0	3	5.0	3.5	30.0	4.8	4.6	4.6	4.7											4.7	0.3	6.5	
Plate	StB	A	A6	0	3	5.0	3.5	30.0	4.5	4.9	4.6	4.8											4.7	0.3	6.0	
Plate	PS	B	B1	33	35	6.0	4.2	30.0	5.3	5.2	5.1	4.9											5.1	0.9	14.6	
Plate	StB	B	B1	33	35	6.0	4.2	30.0	5.6	5.2	5.3	5.4											5.4	0.6	10.4	
Plate	PS	B	B2	26	33	6.0	4.2	30.0	6.0	5.7	5.8	5.8	5.7	4.7	4.3	4.2	4.2						5.2	0.8	14.1	Renew partly
Plate	StB	B	B2	26	33	6.0	4.2	30.0	5.7	5.5	5.6	5.8	5.7	4.3	4.1	4.2	4.2	4.0					4.9	1.1	18.2	Renew partly
Plate	PS	B	B3	21	26	6.0	4.2	30.0	5.7	5.8	5.5	5.8	4.0	3.7	3.2								4.8	1.2	19.8	Renew partly
Plate	StB	B	B3	21	26	6.0	4.2	30.0	5.8	5.5	5.7	5.6	3.7	3.5	3.6	3.6							4.6	1.4	22.9	Renew partly
Plate	PS	B	B4	9	21	6.0	4.2	30.0	5.7	5.8	5.7	5.8	5.8	4.0	3.5	3.0	2.9	2.0					4.4	1.6	26.3	Renew partly
Plate	StB	B	B4	9	21	6.0	4.2	30.0	5.9	5.7	5.8	5.9	5.7	5.2	3.3	3.8	3.2	3.0	4.2	3.3	3.5		4.5	1.5	25.0	Renew partly
Plate	PS	B	B5	5	9	6.0	4.2	30.0	7.8	7.7	8.0	7.9	4.7	5.0									6.9	-0.9	-14.2	Renew partly
Plate	StB	B	B5	5	9	6.0	4.2	30.0	8.0	7.7	7.8	8.0	4.5	4.8									6.8	-0.8	-13.3	Renew partly
Operator's signature :																							Legend: Below class min			
																							Substantial corr			





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

Ship's name

SVETE

REG No

1022

Report № HR-22-14

1	Structure : Shell plating																									
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, MM	Allowable residual th s, MM	Max. allow.deminution %	Remaining thickness gauged Si, MM														Average values			Notes
																							Residual thickness S1,	Deminution		
									MM	MM	%															
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS	A	A1	32	34	8.0	5.6	30.0	7.7	7.8	7.6											7.7	0.3	3.8		
Plate	StB	A	A1	32	34	8.0	5.6	30.0	7.5	7.7	7.4											7.5	0.5	5.8		
Plate	PS	A	A2	19	32	8.0	5.6	30.0	7.3	6.8	6.9	7.2	7.6	7.8								7.3	0.7	9.2		
Plate	StB	A	A2	19	32	8.0	5.6	30.0	7.4	7.1	7.5	7.7	7.6	7.8								7.5	0.5	6.0		
Plate	PS	A	A3	15	19	8.0	5.6	30.0	7.6	7.7	7.4	7.5										7.6	0.4	5.6		
Plate	StB	A	A3	15	19	8.0	5.6	30.0	7.7	7.5	7.6	7.7										7.6	0.4	4.7		
Plate	PS	A	A4	13	15	8.0	5.6	30.0	7.3	7.2	7.0											7.2	0.8	10.4		
Plate	StB	A	A4	13	15	8.0	5.6	30.0	7.4	7.5	7.0											7.3	0.7	8.8		
Plate	PS	A	A5	5	13	8.0	5.6	30.0	7.3	7.2	7.0	7.4	7.4									7.3	0.7	9.3		
Plate	StB	A	A5	5	13	8.0	5.6	30.0	7.4	7.6	7.5	7.6	7.8									7.6	0.4	5.3		
Plate	PS	A	A6	2	5	6.0	4.2	30.0	5.5	5.6	5.7	5.4										5.6	0.4	7.5		
Plate	StB	A	A6	2	5	6.0	4.2	30.0	5.8	5.6	5.7	5.7										5.7	0.3	5.0		
Plate	PS	A	A7	0	2	8.0	5.6	30.0	7.5	7.7	7.4											7.5	0.5	5.8		
Plate	StB	A	A7	0	2	8.0	5.6	30.0	7.2	7.3	7.2											7.2	0.8	9.6		
Plate	PS	B	B1	17	32	8.0	5.6	30.0	7.5	7.6	7.6	7.8	7.2	6.9								7.4	0.6	7.1		
Plate	StB	B	B1	17	32	8.0	5.6	30.0	7.3	7.5	7.8	7.6	7.4	7.7								7.6	0.4	5.6		
Plate	PS	B	B2	13	17	8.0	5.6	30.0	7.4	7.5	7.8	7.6										7.6	0.4	5.3		
Plate	StB	B	B2	13	17	8.0	5.6	30.0	7.4	7.5	7.6	7.6										7.5	0.5	5.9		
Plate	PS	B	B3	10	13	8.0	5.6	30.0	7.3	7.7	7.6	7.6										7.6	0.4	5.6		
Plate	StB	B	B3	10	13	8.0	5.6	30.0	7.6	7.5	7.3	7.5										7.5	0.5	6.6		
Plate	PS	B	B3.1	10	13	8.0	5.6	30.0	7.1	7.0												7.1	1.0	11.9		
Plate	StB	B	B3.1	10	13	8.0	5.6	30.0	7.7	7.6												7.7	0.4	4.4		
Operator's signature : 																						Legend: Below class min				
																						Substantial corr				



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

Ship's name

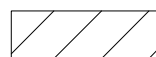
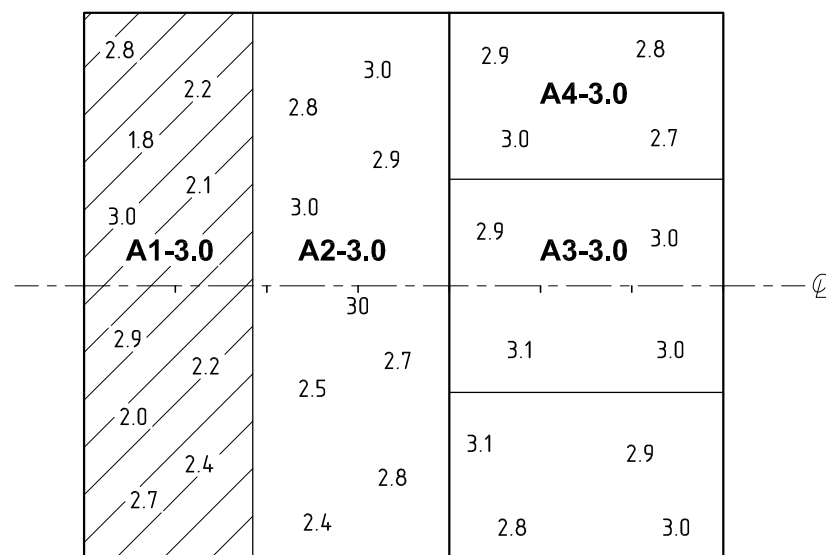
SVETE

REG No

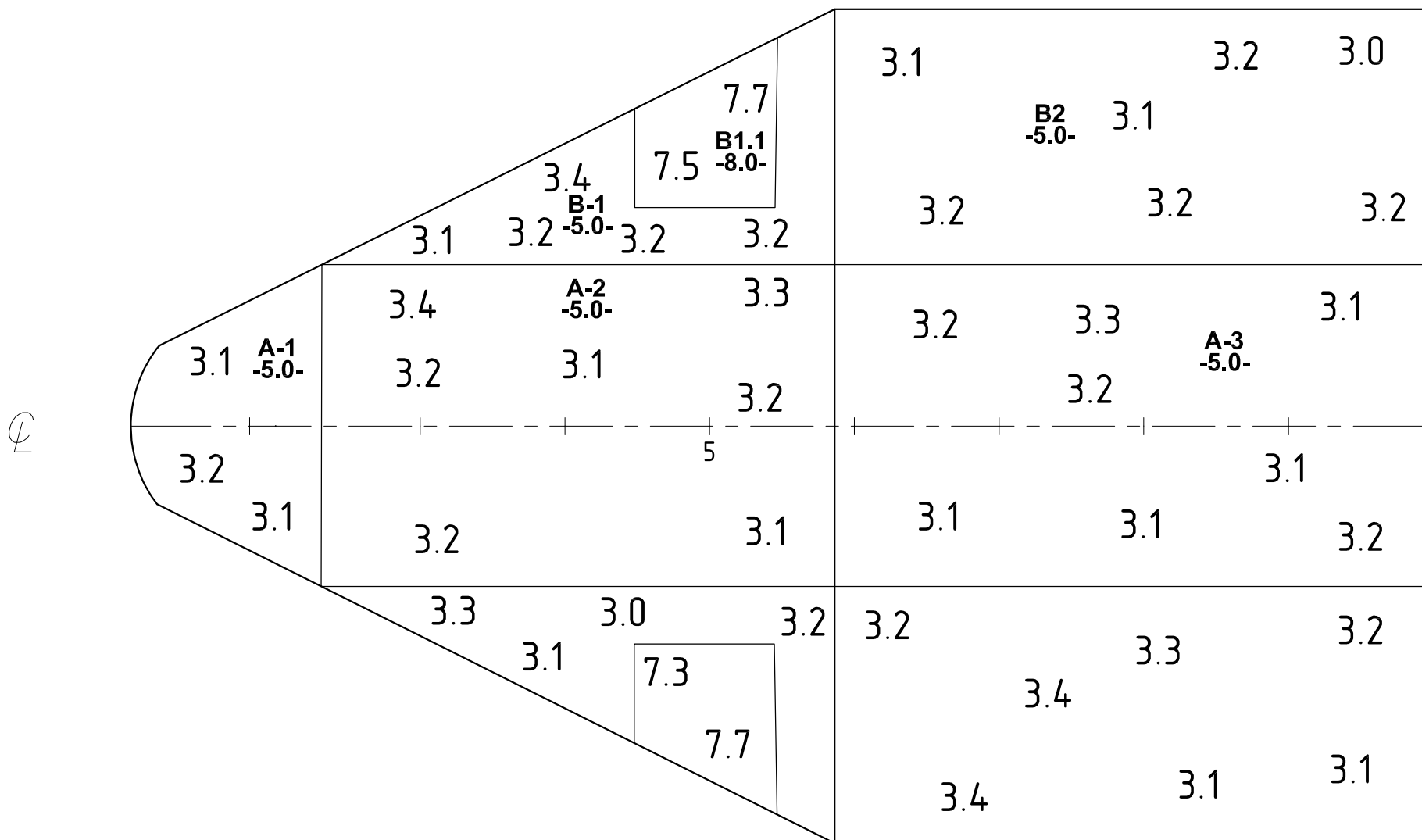
1022

Report № HR-22-14

1	Structure : Shell plating																									
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, mm	Allowable residual th-s, mm	Max. allow.deminution	Remaining thickness gauged Si, mm														Average values			Notes
																							Residual thickness S1,	Deminution		
																								absolut e	relative	
2	3	4	5	6	7	8	9	10	11														12	13	14	15
Plate	PS	C	B4	8	10	6.0	4.2	30.0	5.5	5.3	5.5	5.4											5.4	0.6	9.6	
Plate	StB	C	B4	8	10	6.0	4.2	30.0	5.6	5.5	5.3	5.4											5.5	0.6	9.2	
Plate	PS	C	B4.1	8	10	6.0	4.2	30.0	5.6	5.2													5.4	0.6	10.0	
Plate	StB	C	B4.1	8	10	6.0	4.2	30.0	5.7	5.5													5.6	0.4	6.7	
Plate	PS	C	B5	5	8	6.0	4.2	30.0	5.8	5.4	5.7	5.6											5.6	0.4	6.3	
Plate	StB	C	B5	5	8	6.0	4.2	30.0	5.8	5.4	5.7	5.5											5.6	0.4	6.7	
Plate	PS	C	B5.1	5	8	6.0	4.2	30.0	5.7	5.5	5.4	5.5											5.5	0.5	7.9	
Plate	StB	C	B5.1	5	8	6.0	4.2	30.0	5.6	5.5	5.6	5.3											5.5	0.5	8.3	
Plate	PS	C	B6	2	5	6.0	4.2	30.0	5.2	5.6	5.4	5.6											5.5	0.5	9.2	
Plate	StB	C	B6	2	5	6.0	4.2	30.0	5.4	5.8	5.4	5.5											5.5	0.5	7.9	
Plate	PS	C	C1	27	35	5.0	3.5	30.0	4.6	4.4	4.5	4.2											4.4	0.6	11.5	
Plate	StB	C	C1	27	35	5.0	3.5	30.0	4.5	4.6	4.7	4.7											4.6	0.4	7.5	
Plate	PS	C	C1.1	27	30	5.0	3.5	30.0	4.6	4.4													4.5	0.5	10.0	
Plate	PS	D	C2	9	27	5.0	3.5	30.0	4.6	4.8	4.7	4.3	4.5	4.5	4.4								4.5	0.5	9.1	
Plate	StB	D	C2	9	27	5.0	3.5	30.0	4.6	4.8	4.7	4.7	4.8	4.5	4.5								4.7	0.3	6.9	
Plate	PS	D	D1	37	38	5.0	3.5	30.0	4.8	4.4	4.6												4.6	0.4	8.0	
Plate	StB	D	D1	37	38	5.0	3.5	30.0	4.8	4.5	4.8												4.7	0.3	6.0	
Plate	PS	D	D2	27	37	5.0	3.5	30.0	4.7	4.8	4.6	4.5	4.6										4.6	0.4	7.2	
Plate	StB	D	D2	27	37	5.0	3.5	30.0	4.7	4.6	4.8	4.7	4.8										4.7	0.3	5.6	
Plate	PS	D	D2.1	27	37	8.0	5.6	30.0	7.5	7.4	7.5	7.4											7.5	0.6	6.9	
Plate	StB	D	D2.1	27	37	8.0	5.6	30.0	7.7	7.5	7.4	7.2											7.5	0.6	6.9	
Plate	PS	D	D3	17	27	5.0	3.5	30.0	4.6	4.7	4.6	4.8	4.7	4.5									4.7	0.4	7.0	
Plate	StB	D	D3	17	27	5.0	3.5	30.0	4.5	4.4	4.4	4.6	4.7	4.6									4.5	0.5	9.3	
Plate	PS	D	D4	9	17	5.0	3.5	30.0	4.7	4.8	4.6	4.8	4.5										4.7	0.3	6.4	
Plate	StB	D	D4	9	17	5.0	3.5	30.0	4.5	4.7	4.3	4.8	4.4										4.5	0.5	9.2	
Operator's signature :																						Legend: Below class min				
																						Substantial corr				



- RECOMMEND TO RENEW



Ship's name

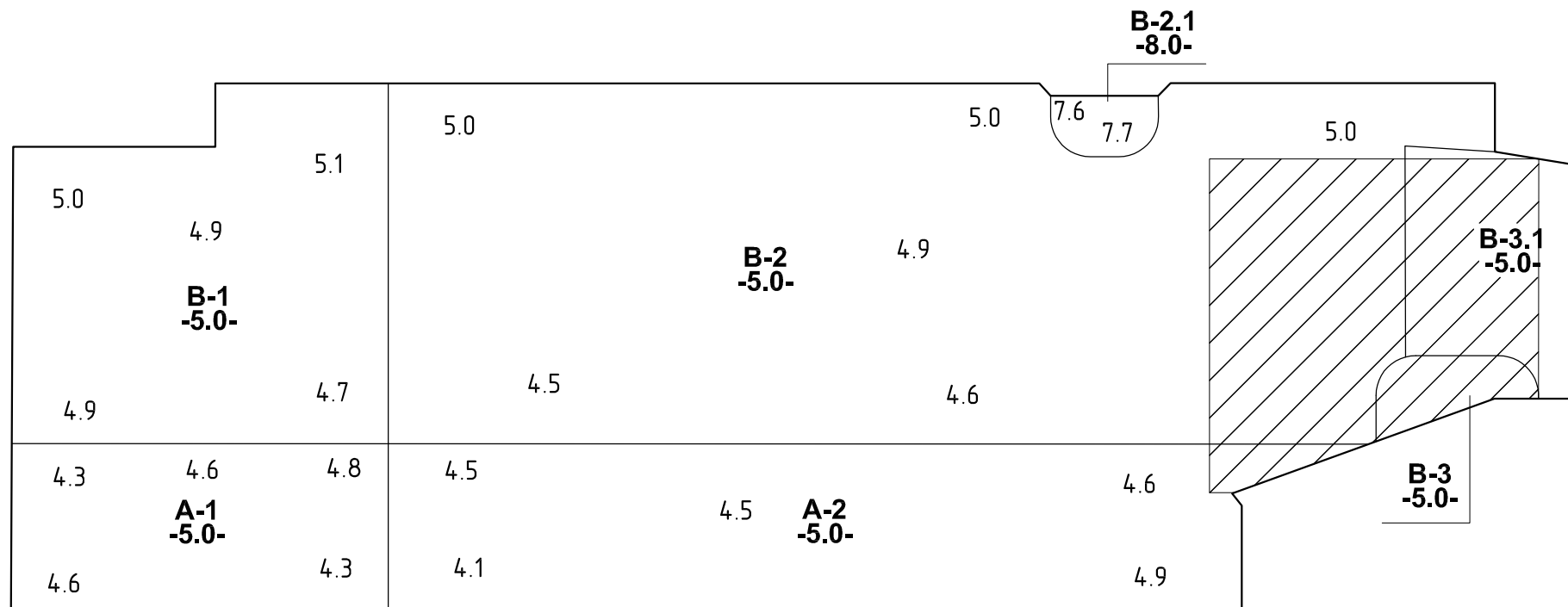
SVETE

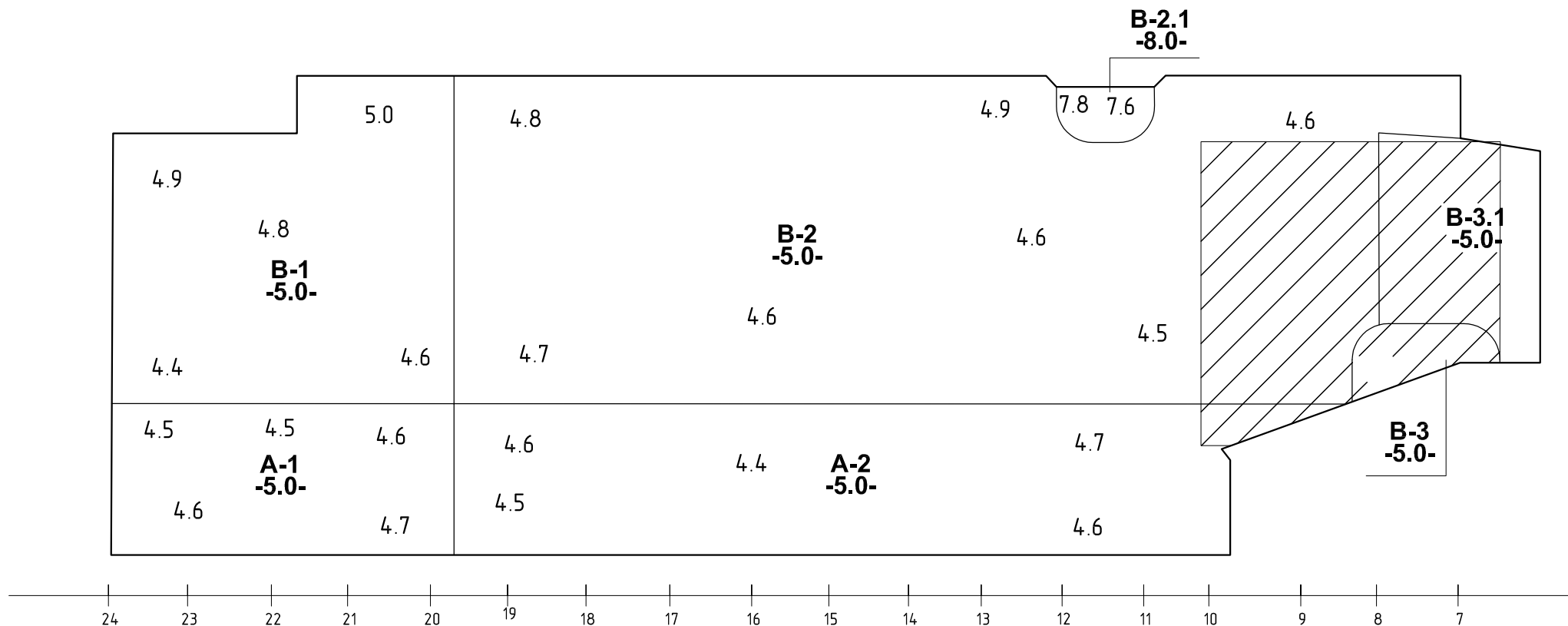
REG No

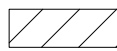
1022

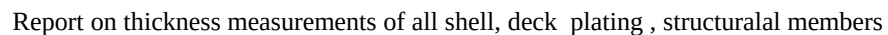
Report № HR-22-14

1	Structure : Top of Void space																										
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, MM	Allowable residual thickness [S1], 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									
Plate	PS	A	A1	1	2	5.0	3.5	30.0	3.1	3.2	3.1												3.1	1.9	37.3	Recom.renew	
Plate	StB	A	A1	1	2	5.0	3.5	30.0	3.2	3.1	3.2												3.2	1.8	36.7	Recom.renew	
Plate	PS	A	A2	2	6	5.0	3.5	30.0	3.4	3.2	3.1	3.2	3.3										3.2	1.8	35.2	Recom.renew	
Plate	StB	A	A2	2	6	5.0	3.5	30.0	3.2	3.1	3.4	3.3											3.3	1.8	35.0	Recom.renew	
Plate	PS	A	A3	6	10	5.0	3.5	30.0	3.2	3.3	3.2	3.1											3.2	1.8	36.0	Recom.renew	
Plate	StB	A	A3	6	10	5.0	3.5	30.0	3.1	3.1	3.1	3.2											3.1	1.9	37.5	Recom.renew	
Plate	PS	B	B1	2	6	5.0	3.5	30.0	3.1	3.2	3.4	3.2	3.2										3.2	1.8	35.6	Recom.renew	
Plate	StB	B	B1	2	6	5.0	3.5	30.0	3.3	3.1	3.0	3.2											3.2	1.9	37.0	Recom.renew	
Plate	PS	B	B1.1	4	5	8.0	5.6	30.0	7.5	7.7													7.6	0.4	5.0		
Plate	StB	B	B1.1	4	5	8.0	5.6	30.0	7.3	7.7													7.5	0.5	6.3		
Plate	PS	B	B2	6	10	5	3.5	30.0	3.1	3.2	3.1	3.2	3.2	3.0	3.2								3.1	1.9	37.1	Recom.renew	
Plate	StB	B	B2	6	10	5	3.5	30.0	3.2	3.4	3.3	3.2	3.4	3.1	3.1								3.2	1.8	35.1	Recom.renew	
Operator's signature :																								Legend: Below class min			
																								Substantial corr			





 - RECOMMEND TO RENEW
FLOAT SPACE



Ship's name

SVETE

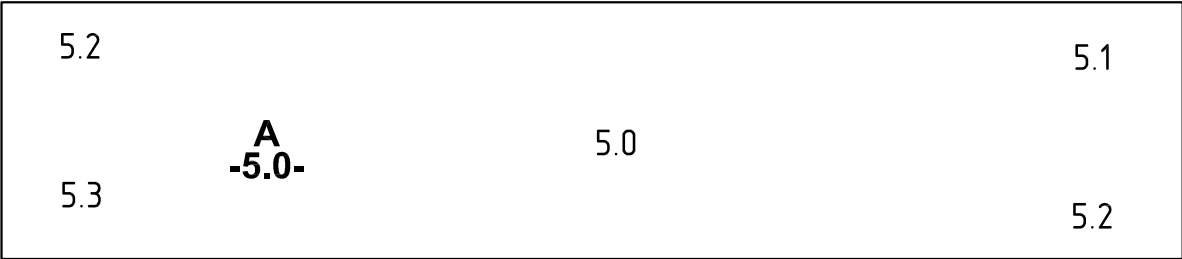
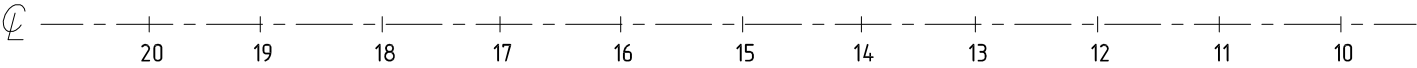
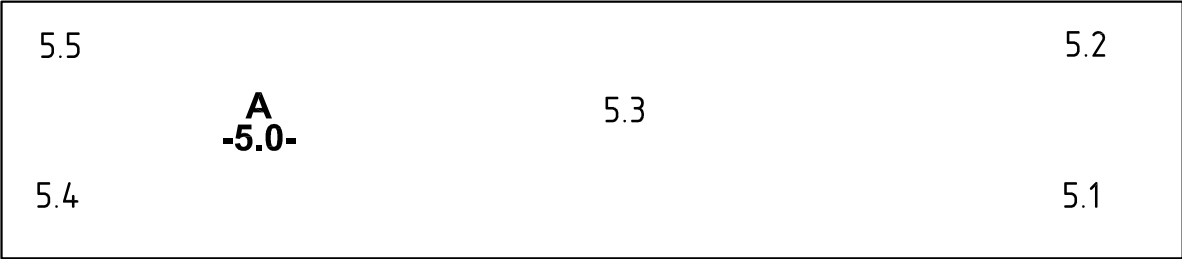
REG No

1022

Report № HR-22-14

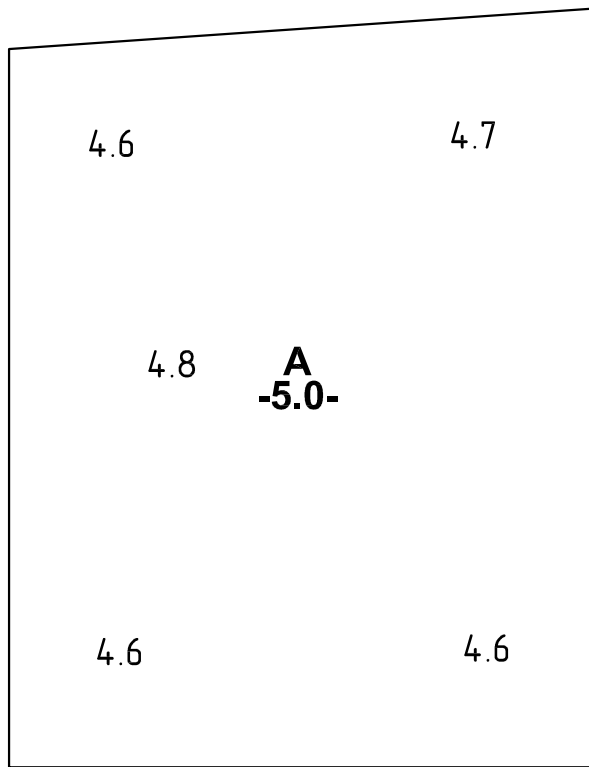
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P.S



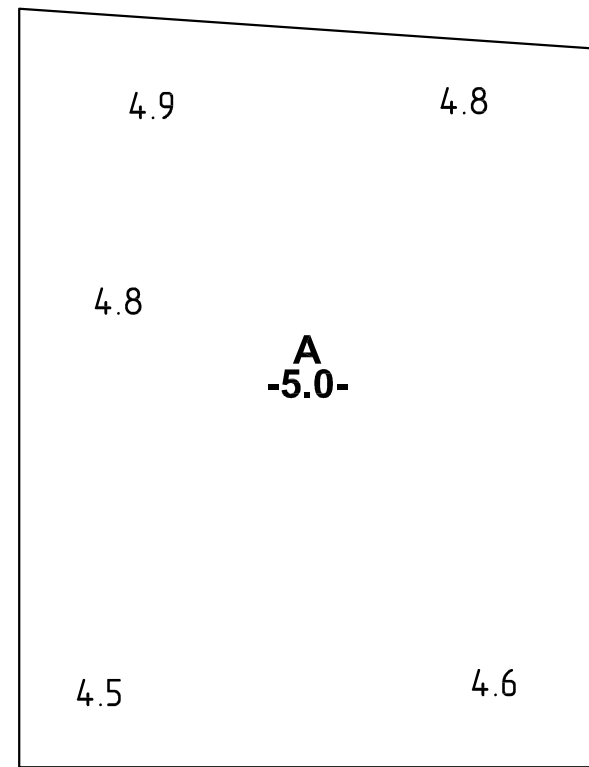
STB

P.S



℄

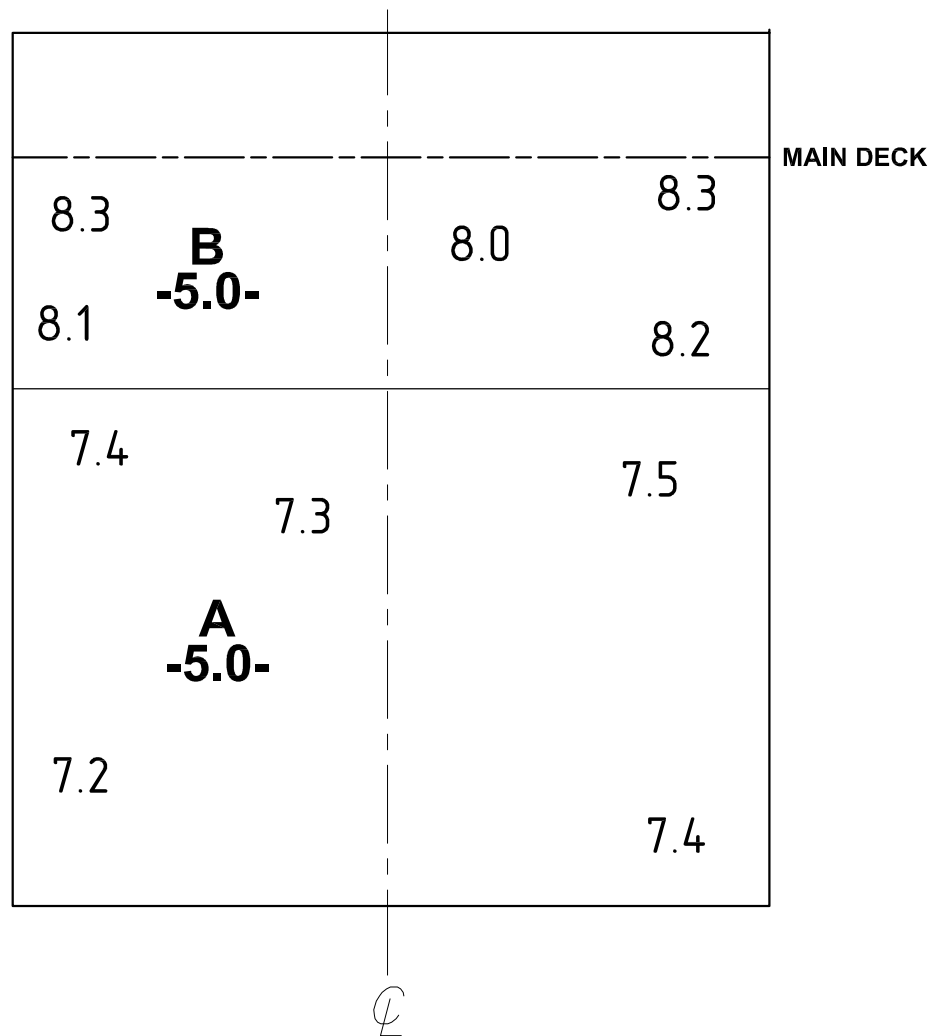
STB



[illegible]

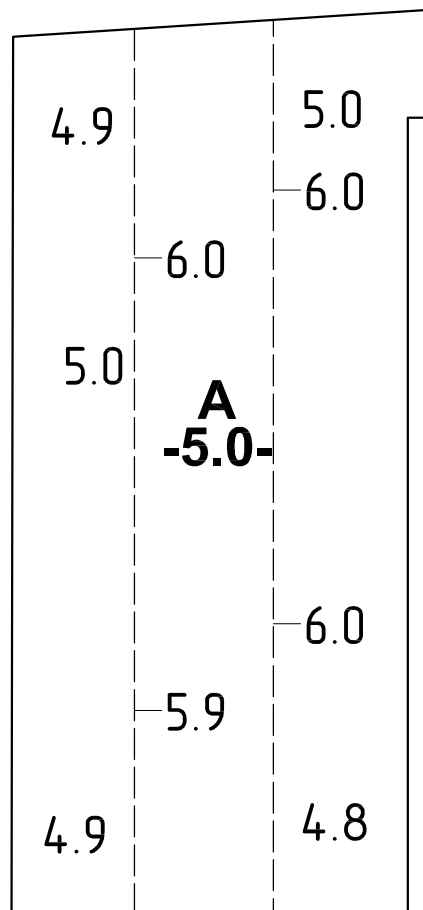
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STB



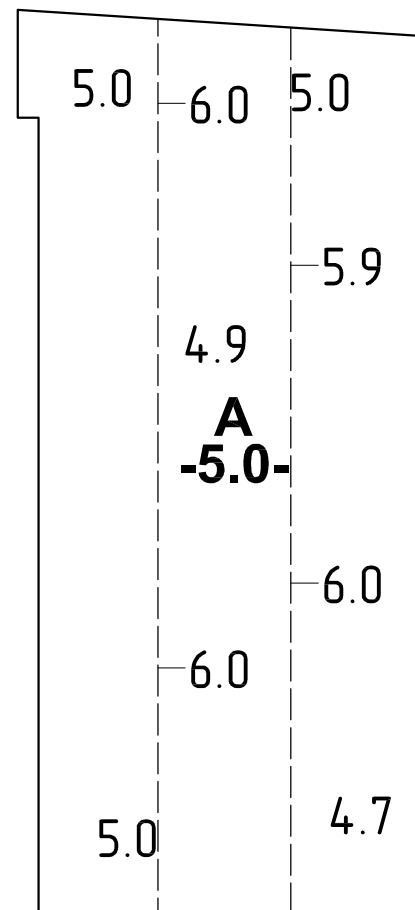
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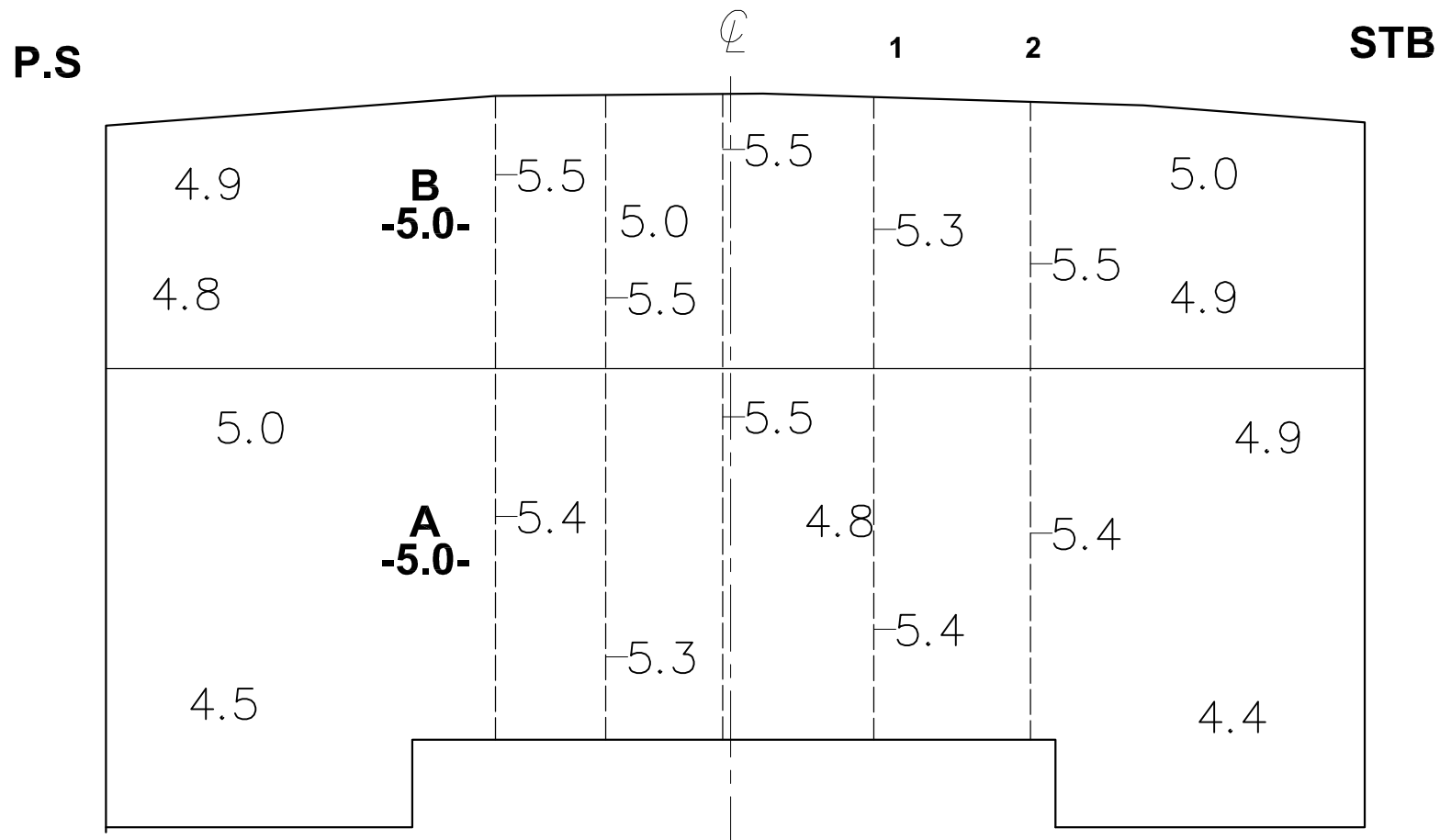


℄

STB



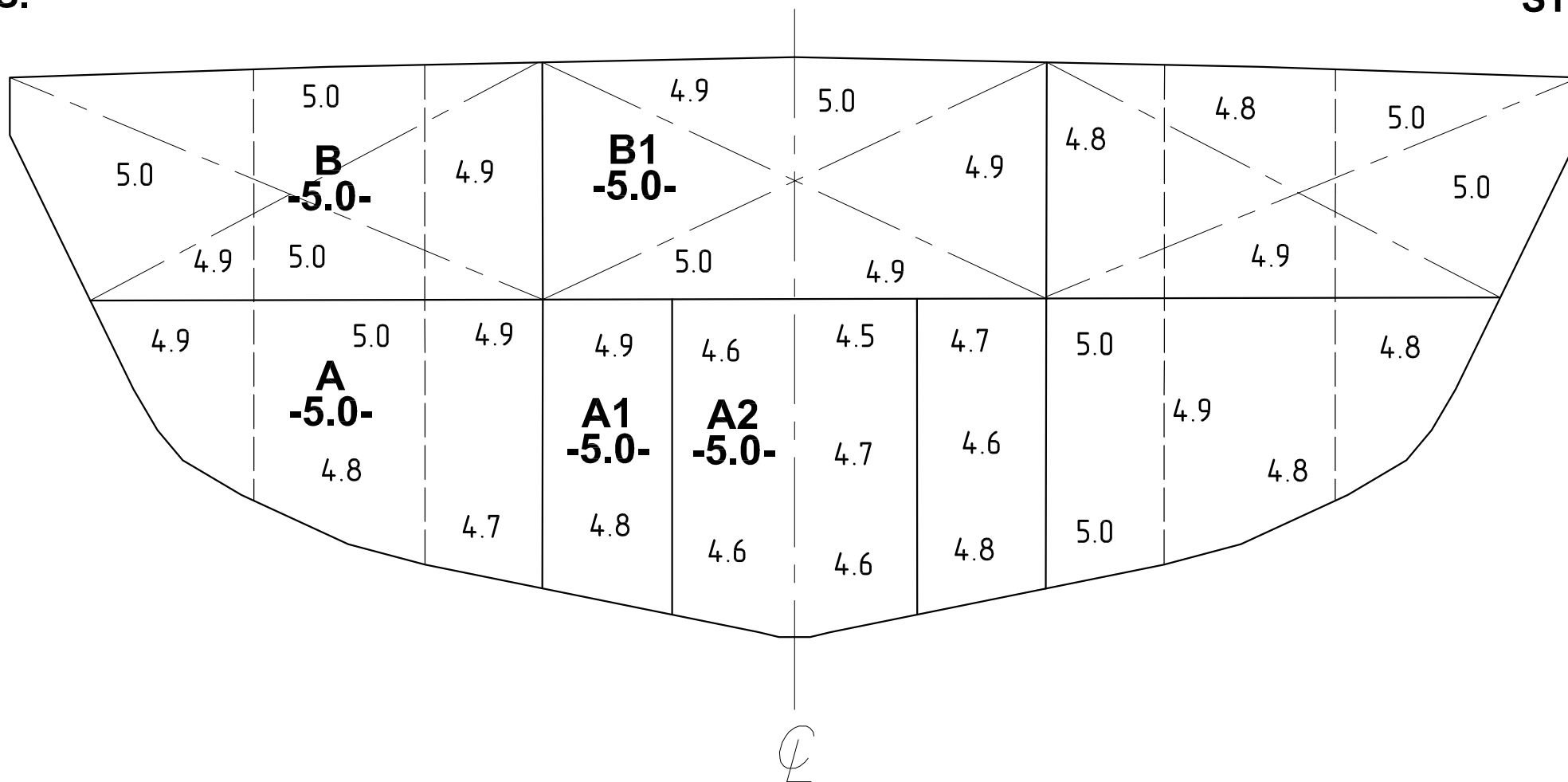
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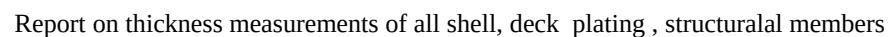


STIFENERS HP S=5.5

P.S.

STB.S





Form 1.2

Ship's name

SVETE

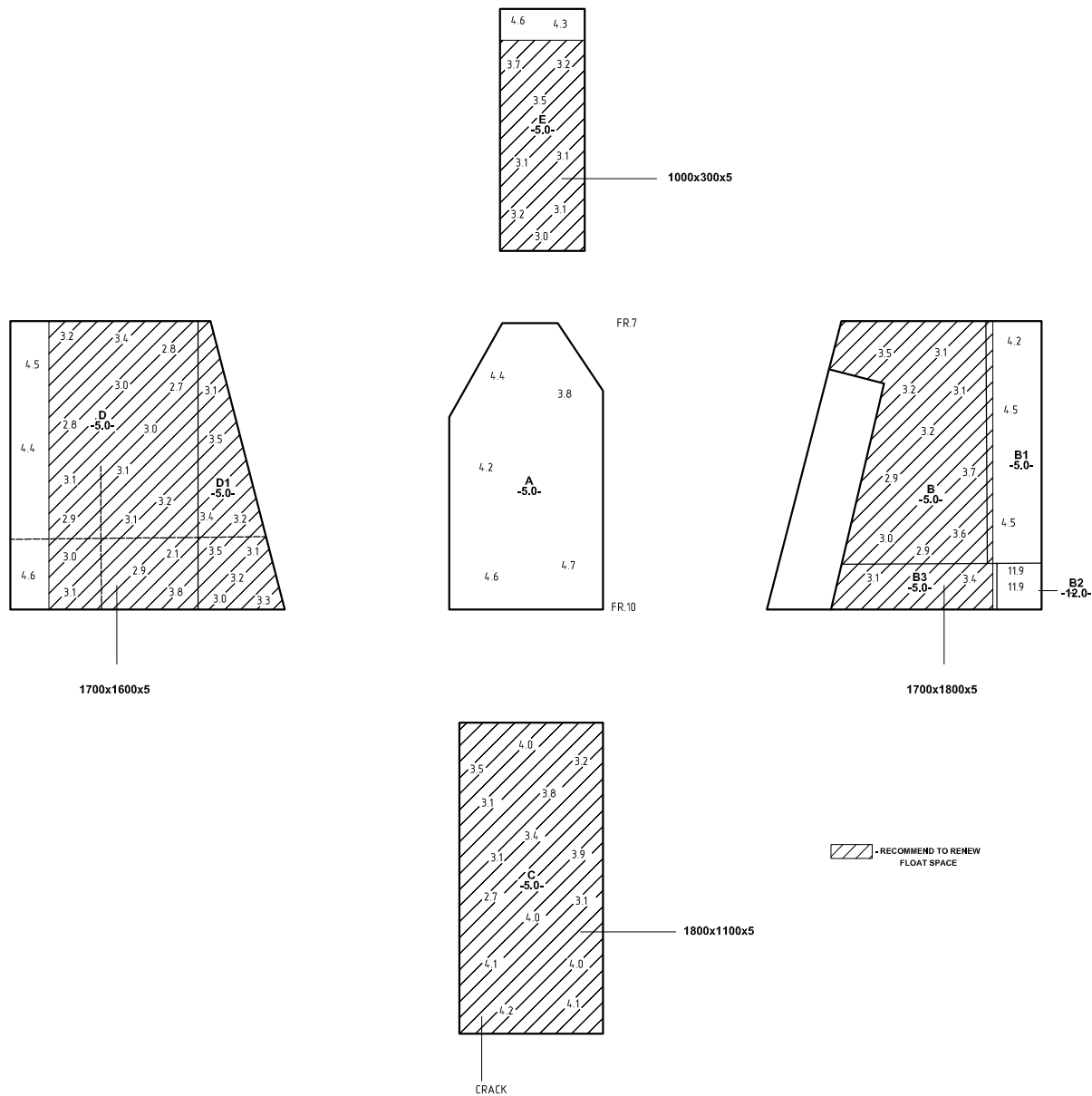
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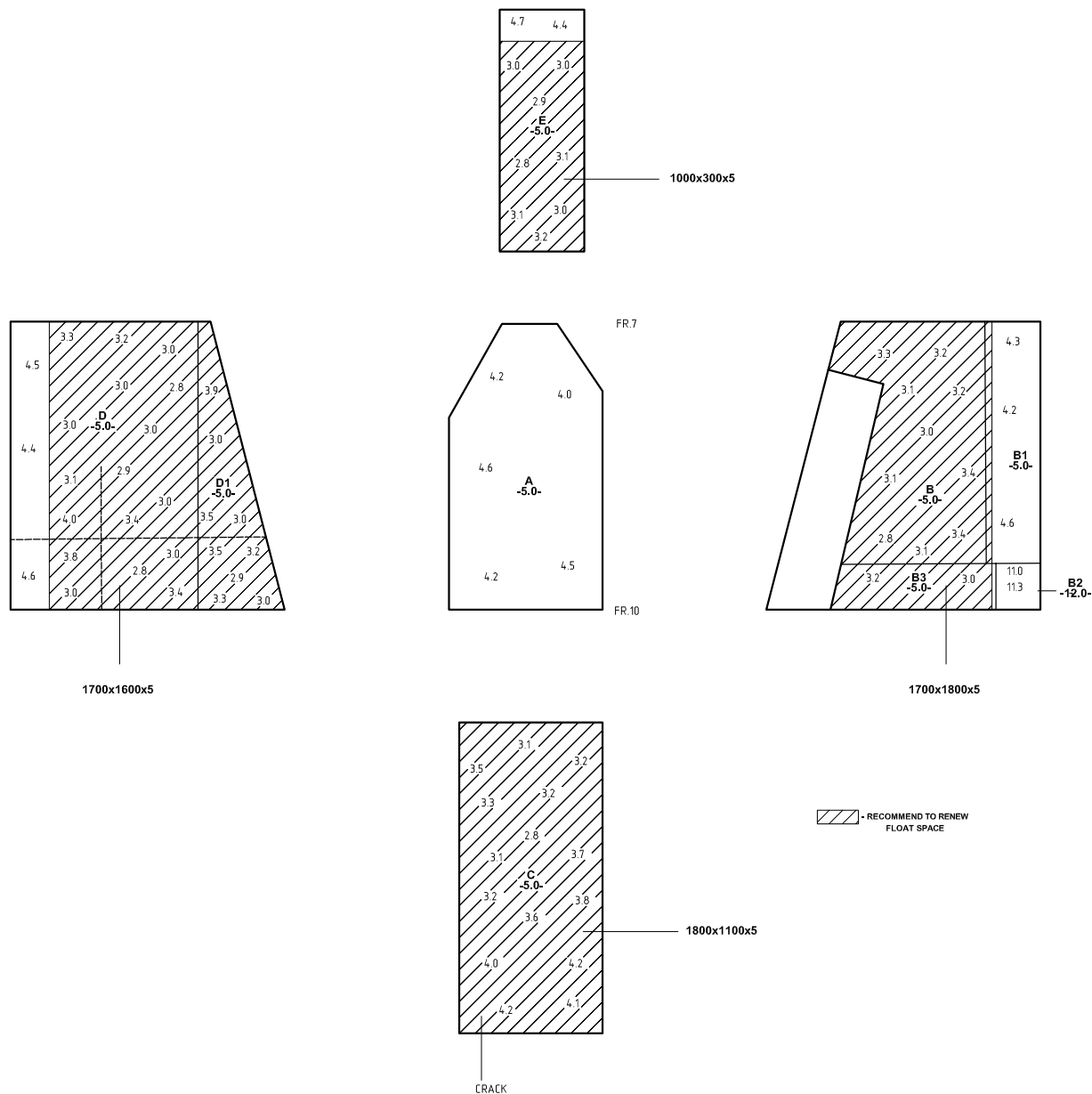
1022

Report №

HR-22-14

[illegible]





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

Ship's name

SVETE

REG No

1022

Report №

HR-22-14

1	Structure : Float space 7-10fr.																											
Structural member	Side	No of member, strake	No item	Initial frame	End frame	Original thickness So, MM	Allowable residual thickness [S1], MM	Max. allow.deminution %	Remaining thickness gauged Si, MM																Average values			Notes
																									Residual thickness S1,	Deminution		
																										absolut e	relative	
									MM	MM	%																	
2	3	4	5	6	7	8	9	10	11																12	13	14	15
Plate	PS		A	7	10	5.0	3.5	30.0	4.4	3.8	4.2	4.6	4.7										4.3	0.7	13.2			
Plate	StB		A	7	10	5.0	3.5	30.0	4.2	4.0	4.6	4.2	4.5										4.3	0.7	14.0			
Plate	PS		B	7	9	5.0	3.5	30.0	3.5	3.1	3.2	3.1	3.2	2.9	3.7	3.0	2.9	3.6					3.2	1.8	35.6	Recom.renew		
Plate	StB		B	7	9	5.0	3.5	30.0	3.3	3.2	3.1	3.2	3.0	3.1	3.4	2.8	3.1	3.4					3.2	1.8	36.8	Recom.renew		
Plate	PS		B1	7	9	5.0	3.5	30.0	4.2	4.5	4.5												4.4	0.6	12.0			
Plate	StB		B1	7	9	5.0	3.5	30.0	4.3	4.2	4.6												4.4	0.6	12.7			
Plate	PS		B2	9	10	12	8.4	30.0	11.9	11.9													11.9	0.1	0.8			
Plate	StB		B2	9	10	12	8.4	30.0	11.0	11.3													11.2	0.9	7.1			
Plate	PS		B3	9	10	5	3.5	30.0	3.1	3.4													3.3	1.8	35.0	Recom.renew		
Plate	StB		B3	9	10	5	3.5	30.0	3.2	3.0													3.1	1.9	38.0	Recom.renew		
Plate	PS		C	10	10	5	3.5	30.0	4.0	3.5	3.2	3.1	3.8	3.4	3.1	3.9	2.7	4.0	3.1	4.1	4.0	4.2	3.6	1.4	28.4	Recom.renew		
Plate	StB		C	10	10	5	3.5	30.0	3.5	3.1	3.2	3.3	2.8	3.1	3.7	3.2	3.8	3.6	4.0	4.2	4.2	4.1	3.6	1.4	28.9	Recom.renew		
Plate	PS		D	7	10	5	3.5	30.0	3.2	4.5	2.8	3.0	2.8	3.2	4.4	2.9	3.1	3.1	2.8				3.3	1.7	34.9	Recom.renew		
Plate	StB		D	7	10	5	3.5	30.0	4.5	3.3	3.0	3.2	2.8	3.0	3.1	2.9	3.0	4.0	4.4	3.4			3.4	1.6	32.3	Recom.renew		
Plate	PS		D1	7	9	5	3.5	30.0	3.1	3.5	3.4	3.2											3.3	1.7	34.0	Recom.renew		
Plate	StB		D1	7	9	5	3.5	30.0	3.9	3.0	3.5	3.0											3.4	1.7	33.0	Recom.renew		
Plate	PS		E	7	7	5	3.5	30.0	4.6	4.3	3.7	3.2	3.5	3.1	3.1	3.2	3.1						3.5	1.5	29.3	Recom.renew		
Plate	StB		E	7	7	5	3.5	30.0	4.7	4.4	3.0	3.0	2.9	2.8	3.1	3.1	3.0	3.2					3.3	1.7	33.6	Recom.renew		
Operator's signature :																								Legend: Below class min				
																								Substantial corr				