GUIDANCE FOR THE CLASSIFICATION AND REGISTRY OF SHIPS

Guidance for the Classification and Registry of Ships

2013 AMENDMENT NO.3

Notice No.27 30th May 2013 Resolved by Technical Committee on 4th February 2013



Notice No.27 30th May 2013 AMENDMENT TO THE GUIDANCE FOR THE CLASSIFICATION AND REGISTRY OF SHIPS

"Guidance for the classification and registry of ships" has been partly amended as follows:

Appendix 1 APPLICATION FORMS

Form 1A has been amended as follows.

Application for Classification and Statutory Services during Construction Form 1A (Rev. May April 2013)

ClassNK

APPLICATION FOR CLASSIFICATION AND STATUTORY SERVICES DURING CONSTRUCTION

To: NIPPON	KAIJI K	YOKAI	Application Document	No.:	Appli	cation Date:		
APPLICANT			•		•			
	I				Signature and/or Off	icial		
Name					Stamp of Applicant	1-		
Address					Name in Block Capita	iis		
					TEL FAX			
We hereby request t	hat way agen	out the surror for se	gistration and issue the cer	rtificator dos		em 1 A 1 This so	anast is made on	
the basis that we acc FOR CLASSIFICAT CERTIFICATES (as KYOKAI and that we compliance with app above-mentioned su	the basis that we accept the provisions of REGÜLATIONS FOR THE CLASSIFICATION AND REGISTRY OF SHIPS, CONDITIONS OF SERVICE FOR CLASSIFICATION OF SHIPS AND REGISTRATION OF INSTALLATIONS and REGULATIONS FOR THE ISSUE OF STATUTORY CERTIFICATES (as well as the provisions of REGULATIONS FOR TECHNICAL SERVICES when requesting technical services) of NIPPON KAIJI KYOKAI and that we allow flag authorities and authorized audit teams on board for the purpose of their assessing NIPPON KAIJI KYOKAI's compliance with applicable rules, regulations and quality standard. We agree to pay all survey fees and expenses incurred as a result of the above-mentioned survey and issuance of relevant certificate(s), regardless of whether class and/or installations are registered or not. SHIP INFORMATION ** Main particulars of hull and machinery are to be filled in using separate Form 1A-1.							
Shipbuilder	IATION	Main particulars	oj nuti ana macninery are	то ве јитеа п	Yard/Hull Number	A-1.	•	
Name					"The date of building	ng contract" (1)		
Address					or "the date on whice exercised" (2)	h the option is		
	l				Optional ship? (2)(3)		Yes No	
			obuilder and the applicant are the sam shipbuilder does not need to be entered		The date of building first sister ship (3)	contract of the		
Prospective Owner	Undec				Yard/Hull Number of ship (3)	f the first sister		
(Ship Owner listed on the National Registry Certificate)	Name	;			Estimated Date of Ko Estimated Date of La Estimated Date of Co	unch		
Proposed Flag		Por	t of Registry		Number & Type of M	Iain Engine		
Purpose of Ship	T-4		imated Gross Tonnage		MCR of Main Engin	e		
Intended Area of Navigation			iternational cean going (Please specify) :	:				
Other Class ⁽⁴⁾			ed between the prospectiv					
(2)If this ship is a (3)If this ship is a Number of the Where: Option: First sist If this ship is n	scheduled building contract date has been changed, please inform us without delay. (2)						the	
Classification		ation Characters an	id No.					
during constructi		s applying for	NS*					
	Characte Machine	r of Main Propulsio	n MNS*					
	***************************************	ive Note(s)						
	Special I	Description	□ n.s. □ n.f.	Othe	f (Please specify):			
Registration of Installations during construction Safety Equipment						M0 ⋅ D)		
Attachments : Submit later :	Attachments : Form 1A-1 Form 1A DG-BC Form 1A CG Form 1A-C Form 4A							
Omit to submit (Sist	ter Ship Hull I	No.): 🗌 F	orm 1A-1 Form 1A I	OG-BC	Form 1A CG Form	· 	1 4A	
	/1		, ,		Signature and/o			
Name					Official Stamp			
Address	TEL				Name in Block Capitals FAX	<u> </u>		
						-		
For NK internal us	se	Receipt Date			Receipt No.			

Remarks:

1. Please send this form to the nearest ClassNK branch office.

2. If any of the above required items are not determined at the time of the application, please fill in the relevant columns as "Undecided".

3. If any of the information provided in this form changes or if undecided items have been determined, please inform the nearest ClassNK branch office. In cases where ClassNK deems that any of the information included in this form needs to be altered during the Classification Survey process, the applicant will be notified.

Type of Refrigerant

					on and Statutory Services 1 (Rev. <u>May April</u> 2013)
SURVEY, CERTIFI	CATES & MAIN PARTICULARS	Date of Class Survey Appl			
		Date of Submi		Same as	above /
Shipbuilder Same	as applicant.			Yard/Hull Number	
	NCE OF CERTIFICATES is not required for Japanese flag ships. Please subm	it an "APPLICATI	ION FOR I	ISSUE OF C	ERTIFICATES (Form
1A)" separately.					1
Survey for Statutory Certificates and Issuance of Certificates (1) For Japanese flag ships, NK conducts surveys only. (2) For Japanese flag ships, the Japanese Government conducts surveys and issues certificate(s). (3) The combination forms of SC, SE, and SR Certificates.	Survey Certificate Load Line (Please fill in the boxes of the particulars of load lines.) Passenger Ship Safety (2) Cargo Ship Safety Construction Cargo Ship Safety Equipment Cargo Ship Safety Radio Cargo Ship Safety Radio Cargo Ship Safety Radio Exemption (Fixed Fire-Extinguishing Syst Fitness for the Carriage of Dangero Chemicals in Bulk (1) Fitness for the Carriage of Liquefie Gases in Bulk	Goods ⁽¹⁾ (Please fill in the boxes of of dangerous goods.) Oil Pollution Prevention (1) Pollution Prevention Certific Carriage of Noxious Liquic Bulk (1) Sewage Pollution Prevention (1) ystem)			n the boxes of the main particulars vention (1) ion Certificate for the ious Liquid Substances in Prevention (1) vention (1) tem booklet (2) y (1)
Tonnage Certificates (3) For Japanese flag ships, the Japanese Government conducts measurements and issues certificate(s).	Measurement Certificate ☐ International Tonnage(3) ☐ PC/UMS Documentation of t ☐ Suez Canal(3) ☐ National Tonnage(3) (Applica)	
Assignments	☐ Freeboard ☐ Incinerator ⁽⁴⁾ ☐ Lift for C	rew etc. (4)	(4)	Applicable o	nly to Japanese flag ships.
MAIN PARTICULARS	S OF HULL				
Lpp x B x D (m)	x x	Deadweigh	t		
Yard/Hull Number of Sister ship(s) (1)		Coal Carry	ing	Yes	☐ No
(1) Please complete if sister sh MAIN PARTICULARS			'		
Main Engine	Model Maximum Output ⁽¹⁾ &	1.777	. DC		DDM
	Revolutions per minute	kW	• PS	•	RPM
Propeller	Manufacturer Workshop Number, Type & RPM		• 1	RPM	
Tropener	Type of Propeller Shaft	☐ 1A ☐ 1H		C 2	PSCM
Boiler Main Auxiliary	Number & Maximum Working Pressure ⁽¹⁾ Manufacturer Workshop	•		N	⁄IPa • kg/cm²
Generator	Total Output	kVA			
(1) For Japanese flag ships, po					
Type of Ship	□ A □ B □ B+ □ B-60	B-100	Timber	Freeboard	Yes No
Intended Freeboard (m)			☐ Mu	ltiple Load	Line System
MAXIMUM NUMBER	OF PERSONS ACCOMMODATED				-
Maximum Number of	Total No.: (Passenger:	Crew:	Other)
Persons Accommodated	Total 140 (Fassenger.	Clew.	Omer.	-	,
	OF CARGO REFRIGERATING INS sting to register refrigerating installations.	TALLATION	is		
Intended Notation					

Total Capacity of Cargo Chamber

Cooling System

Application for Classification and Statutory Services during Construction Form 1A DG-BC (Rev. May April 2013)

DG CERTIFICATE & IMSBC CODE FITNESS CERTIFICATE		Date of Classification Survey Application				
IMISDC C	ODL TITTESS C.	LKIHICAIL	Date of Submission	Same as above /		
Shipbuilder	Same as applicant.			Yard/Hull Number		
DG CERTIF	ICATE * For Japan	ese flag ships, NK conducts surveys only.				
Solid Dangerous Goods in	Where loaded	Cargo Hold No.:	Other (Pleas	e specify):		
Bulk Class of Dangerous Goods (1) Please complete when restrictions apply to loading of specified cargo in order to meet relevant requirements. Class of 4.1						
Other Dangerous	ous Where loaded					
Goods	Class of Dangerous Goods (1) Please complete when restrictions apply to loading of specified cargo in order to meet relevant requirements.	□ 1.1-1.6 □ 1.4S □ 2.1 □ 2.2 □ 2.3(□ (flammable) □ (non-flammable)) □ 3 (all) □ 3 (liquid: flashpoint (°C)□ below 23° □ between 23° and 60°) □ 4.1 □ 4.2 □ 4.3(□ liquid □ solid) □ 5.1 □ 5.2 □ 6.1 (All) □ 6.1 (liquid: flashpoint (°C)□ below 23° □ between 23° and 60° □ over 60° □ solid □ 8 (All) □ 8 (liquid: flashpoint (°C) □ below 23° □ between 23° and 60° □ over 60° □ solid □ 9 □ Loading restrictions for Specified Cargo (1):				
IMSBC COI	DE FITNESS CERT	TIFICATE				
IMSBC Code Fitness Certif	ficate Group C c	-				

Remarks: In cases where it is impossible to submit this form at the same time as the application form, please make sure to submit this form before the submission of any drawings for approval (including maker drawings).

Application for Classification and Statutory Services during Construction Form 1A CG (Rev. May April 2013)

MAIN PARTICULARS OF CARGO GEAR		Classification					
		Date of Su	Application abmission	Same as above /			
		Date of St		as abo			
Shipbuilder Same as applicant.				Yard/Hull Number			
CARGO GEAR (DERRICK / CRANE)							
Location and description		Intended safe working load (tons) - allowable minimum angle (degrees) or allowable maximum radius (meters)					
with distinguishing number or mark, if any					Dual		
		Load	Angle/Radius	Load	Angle/Radius		
UNION PURCHASE ## Please complete the following data	sheet witi	h detail.					
,		Intended safe v	working load (to s) or allowable r		e minimum angle		
Location and description	}			Swing system			
with distinguishing number or mark, if any	Safe working load	Maximum fall angle	Load	Angle/Radius			
				2040	Tanga Talan		
D . 1		ъ.	(1) (2)				
Datasheet for	Unic	on Purchas	se				
Location of Derricks:	Fore /	Aft of hatch n	ю. ().			
• Distance of lower guy eyes from upper deck (3):	Inboa	rd boom () m	eters			
	Outbo	oard boom () me	eters			
Safe Working load in Union Purchase:	() tons					
• Fall angle:	() degre	es				
Allowable lifting height from upper deck:	() meter	's				
Outside diameter and thickness of derrick boom:		rd boom	ϕ mm \times	1	nm		
	Outbo	oard boom	ϕ mm >	< r	nm		

Remarks:
(1)This form is to be prepared separately for each gang.
(2)Camber, sheer, trim, and heel are to be ignored.
(3)Enter the value 0 meters in cases where the guy eye is fixed to the upper deck.



Application for Classification and Statutory Services during Construction Form 1A-C (Rev. <u>May April</u> 2013)

VARIOUS ATTESTA	TION	Date of Classification : Survey Application :			
		Date of Submission	Same as above /		
Shipbuilder Same	as applicant.		Yard/Hull Number		
VARIOUS ATTESTATIO	ON				
Cargo Gear Certificate etc.	☐ Cargo Gear Book ☐ Cargo Gear Certificate ⁽¹⁾ ☐ Derrick ☐ Derrick for Union Purchase ☐ Crane ☐ Ramp-way, Lift for Cargo (1)Including Loose gear (except ropes) & Rope. ☐ Other (Please specify):	GN: Form for NK JP: Form for Japa: PK: Form for Pak	classed ships nese flag ships		
Document of Compliance for a Non-party to a Convention		argo Ship Safety Equip Dil Pollution Prevention Carriage of Noxious Li	1		
Certificate of Fitness for National Regulations of Flag State (Please indicate applicable requirements in space provided.)					
Attestation of USCG	☐ Oil Pollution Prevention (33CFR Part1☐ Vapor Emission Control System (46CFI		Gas Carrier (46CFR Part154) Please specify):		
Other Certificate(s)	☐ ILO Crew Accommodation ☐ Attes	station of Load Lines			

☐ Certificate of Keel Laying

☐ Attestation of Deadweight

Other (Please specify):

APPLICATION FOR SURVEYS AND ISSUE OF CERTIFICATES

Γο: NIPPON	КАІЛ КҮОКАІ	Application Document No.		Application Date	
APPLICANT		•			
Name			Signature of Applicant		
Address			Name in Block Capitals		
	TEL FAX		E-mail		
FOR THE CLASS, and REGULATION echnical services) KYOKAI's completesult of the above-	that you carry out survey(s) and/or issue certificate IFICATION AND REGISTRY OF SHIPS, CONDANS FOR THE ISSUE OF STATUTORY CERTIFIC of NIPPON KALII KYOKAI and that we allow flag tiance with applicable rules, regulations and quality mentioned survey(s) and/or issuance of relevant ce	THONS OF SERVICE FOR CLAS CATES (as well as the provisions of authorities and authorized audit to standard. Whether surveys are con- rificate(s) within the payment term	SIFICATION OF SHIPS AT If REGULATINS FOR TECT rams on board for the purpos inpleted or not, we agree to pa in designated on your invoice	ND REGISTRATION OF HINICAL SERVICES wh he of their assessing NIPP ay all survey fees and exp he.	FINSTALLATION en requesting ON KAIJI
	NTACT *Please complete the following on in coment of all survey fees and expenses incurred in the				
	ment of an survey rees and expenses incurred in the	e octow-mentioned stavey(s) and	Signature	(9).	
Name Address	1		Name in Block Capitals		
	TEL FAX		E-mail		
Plag: Plag:	the be carried out (Please tick in the appropriate Standard Surveys) ecial Survey (SS) No. () : emediate Survey (IS) : mual Survey (AS) ocking Survey (DS) : opeller Shaft Survey (PS) : diler Survey (BS) : anned Machinery Surveys (PMS) : anned Machinery Surveys (PMS) :		Complete In-Water Survey in lieu Partial Survey] Partial Survey]		(PS)
_	ontinuous Hull Survey (CHS)				
_ ∪ 00	casional Survey (OS): (Contents:)				
(2) Inst	allation Surveys				
☐ Ca	rgo Handling Appliances (CHG):	Annual Thorough	☐ Load	Test O	ecasional
Au	tomatic and Remote Control Systems(M0):	[MC / M0. (*A/	B / C / D)] (*	Delete as appropriate)	
☐ Ca	rgo Refrigerating Installations(RMC):	Special Commence / Annual Continu	· _	omplete]	ecasional
_ Cr	ew Accommodation Arrangement(CAA): (Applicable only to Japanese flag s	hips)		
		Special Interme	diate Annu	nal 🗌 Oo	ecasional
☐ Na	vigation Bridge System (BRS):	Special	Annu Annu	ıal 🗌 Oo	ecasional
Pre	eventive Machinery Maintenance Systems (F	PMM):			
		Special	Annı	ıal 🗌 Oo	ecasional
_	egrated Fire Control Systems (IFC):	Special Interme	_	_	ccasional
	dl Monitoring System (HMS):		Annu	_	ccasional
☐ Di	ving Systems (DVS):	Special	Annu	ıal ∐ Oo	ccasional

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APPLICATION FOR CLASSIFICATION AND STATUTORY SERVICES FOR AN EXISTING SHIP

To: NIPPON KA	LII KVOKAI	Application Document No.	:	Application Date	:
IV. IVII I ON KA	IOI KI OKAI	Application Document No.	:	Application Date	:
APPLICANT					
			Signature and		
Name			Stamp of App	licant	
Address			Name in Block	k Capitals	
			TEL		
			FAX		
the basis that we accept the FOR CLASSIFICATION CERTIFICATES (as well and that we allow compliance with applicate above-mentioned survey)	he provisions of REGULAT OF SHIPS AND REGISTR. as the provisions of REGU w flag authorities and author ble rules, regulations and qu and issuance of relevant cer TION ** Main particular	registration and issue the certifications FOR THE CLASSIFICATIONS FOR THE CLASSIFICATIONS OF INSTALLATIONS a LATIONS FOR TECHNICAL Society and the teams on board for leality standard. We agree to payrtificate(s), regardless of whether sof hull and machinery are to to	cates described in to TTON AND REGIST and REGULATION'S EERVICES when reithe purpose of their all survey fees and er class and/or instable filled in using see IMM Databate Databate Control of the Purpose of their purpose of their all survey fees and er class and/or instable filled in using see IMM Databate Databate Control of the Portion of the Porti	TRY OF SHIPS, CON SFOR THE ISSUE O questing technical set assessing NIPPON I I expenses incurred a allations are registere	IDITIONS OF SERVICE IF STATUTORY rvices) of NIPPON KAIJI KAIJI KYOKAI's s a result of the
	International /	Non-international			
Navigation	Ocean going /	Non-ocean going (Please sp	pecify):		
(1) Please enter the name	of other class if dual of doi	uole class.			
REGISTRATION					
Classification not built under the Society's Survey	Classification Characters and Notations applying for NS Character of Main Propulsion Machinery MNS				
	Descriptive Note(s)				
	Special Description	□ n.s. □ n.:	f. Other (F	Please specify):	
Registration of Installations not built under the Society's Survey	Safety Equipment Radio Installations Crew Accommodation Arrangements (Applicable only to Japanese flag ships) Marine Pollution Prevention Installations Automatic and Remote Control Systems(MC M0 M0 M0 A M0 B M0 C M0 M0 Navigation Bridge Systems (BRS BRS1 BRS1A) Cargo Handling Appliances Preventive Machinery Maintenance Systems Cargo Refrigerating Installations (RMC RMC CA) Integrated Fire Control Systems (IFC M IFC A IFC AM) Anti-Fouling Systems (AFS AFS·C) Other (Please specify):				□ M0 · C □ M0 · D)
Attachments: Form	_ , , , , ,	Form 3A-3 Form 3	A-4-1	3A-4-2 4A	
_	_	the following only in cases whe	_	_	difforent
Name Address TEL	C1 % Please complete i	me Johowing only in cases whe	Signature Official Sta	and/or	аурегені.
122			1	i	
For NK internal use	Receipt Date		Receipt No.	:	

Remarks:

1. Please send this form to the nearest ClassNK branch office.

2. Please attach the plans and documents stipulated in the ClassNK Guidance for the Survey and Construction of Ships.

3. If any of the information provided in this form changes or if undecided items have been determined, please inform the nearest ClassNK branch office.



Application for Classification and Statutory Services for An Existing Ship Form 3A-1 (Rev. May April 2013)

Shipbuilder	Yard/Hull Number	

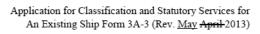
SURVEY AND ISSUANCE OF CERTIFICATES & ATTESTATION ** The following information is not required for Japanese flag ships. Please submit an "APP

Survey for Statutory Certificate Certificates and Issuance of Certificates Survey Certificate Survey Certificate Survey Certificate Fitness for Ship Carrying Dangerous Goods Please fill in the boxes of the main Fitness for Ship Carrying Dangerous Goods Please fill in the boxes of the main partice of dangerous goods Oil Pollution Prevention Only Pollution Only Pollutio					
NK conducts surveys only. Cargo Ship Safety Equipment Carriage of Noxious Liquid Substances Cargo Ship Safety Radio Carriage of Noxious Liquid Substances in Bulk (1)	ulars				
the Japanese Government conducts surveys and issues certificate(s). (3) The combination forms of SC, SE, and SR Certificates. (Exemption Sewage Pollution Prevention (1) Air Pollution Prevention (1) Anti-Fouling System Anti-Fouling System Grain Loading Booklet (2) Fitness for the Carriage of Liquefied Energy Efficiency (1) Gases in Bulk Other (Please specify):					
Tonnage Certificates (3) For Japanese flag ships, the Japanese Government conducts measurements and issues certificate(s). Measurement Certificate International Tonnage(3) PC/UMS Documentation of total volume(3) Suez Canal(3) National Tonnage(3) (Applicable rule:					
Assignments	ps.				
Cargo Gear Certificate etc. (Please indicate main particulars of cargo gear on separate Form 3A-4-1.) Cargo Gear Certificate(5) Derrick Derrick for Union Purchase Ramp-way, Lift for Cargo (5)Including Loose gear (except ropes) & Rope Other (Please specify): GN DERVEN DER VEN DERVEN DER VEN DERVEN DER VEN DE					
IMSBC Code Fitness Certificate Group A cargoes (with / without restrictions on moisture content of cargoes) Group C cargoes Group B cargoes (Please list all cargoes. If insufficient space, please continue on a separate sheet.)	Group C cargoes				
Document of Compliance Cargo Ship Safety Construction Cargo Ship Safety Equipment	☐ Cargo Ship Safety Radio ☐ Oil Pollution Prevention ☐ Pollution Prevention Certificate for the Carriage of Noxious Liquid Substances in Bulk				
Certificate of Fitness for National Regulations of Flag State (Please indicate applicable requirements in space provided.)					
Attestation of USCG Oil Pollution Prevention (33CFR Part155) Liquid Gas Carrier (46CFR Part154) Vapor Emission Control System (46CFR Part39) Other (Please specify):					
Tupor Emission Conditions Stein (1001101 at 1005) Conditions specify).	nt				

Application for Classification and Statutory Services for An Existing Ship Form 3A-2 (Rev. <u>May</u> April 2013)

ClassNK

Shipbuilder				Yar Nun	d/Hull nber			
				·	•			
MAIN PARTICULARS	OF HULL					i		
Lpp x B x D (m)	X X		Dead	lweight				
Yard/Hull Number of Sister ship(s) (1)			Coal	Carryin	g	☐ Yes	□ No	0
Special Rules to be Applied	Part CS Part P Pa	rt Q 🗌 Part T		Other (Pl	ease specify)	:		
Fishing Ship (2)	Type		Rest	rictions				
(1)Please complete if sister ship MAIN PARTICULARS	os(s) has been already registered in	NK. (2) Applica	ble onl	y to Japai	nese flag ship	S.		
Main Engine	Number, Type & Model	•						
	Maximum Output ⁽¹⁾ & Revolutions per minute ⁽¹⁾ For Japanese flag ships, pleaselect a SI unit.		/ · PS		•	RPN	Л	
	Manufacturer Workshop							
Propeller	Number, Type & RPM	•					RPM	
	Type of Propeller Shaft	□ 1A □	1B	□ 10	2	☐ PSC	M	
Boiler Main Auxiliary	Number & Maximum Working Pressure (1) (1) For Japanese flag ships, please select a SI unit.				MI	Pa·kg/cm	n^2	
	Manufacturer Workshop							
Generator	Total Output	kV	Ά					
MAIN PARTICULARS	S OF LOAD LINES							
Type of Ship	□ A □ B □ B+	☐ B-60	I	3-100	Timber Fr	eeboard	☐ Yes	☐ No
Intended Freeboard (m)					☐ Multip	ple Load L	ine Systen	1
MAXIMUM NUMBER	OF PERSONS ACCOMM	ODATED						
Maximum Number of Persons Accommodated	Total No.: (Passenge	er: (Crew:		Other:)	
MAIN PARTICULARS OF CARGO REFRIGERATING INSTALLATIONS **Please complete when requesting to register refrigerating installations.								
Intended Notation				_				
Type of Refrigerant	Cooling System	n		Total C	Capacity of C	Cargo Chai	mber	m ³





	•		Yard/Hull	1			
Shipbuilder			Number				
	TICULARS OF C	ARRIAGE OF DANGEROU	S GOODS				
Solid Dangerous Goods in Bulk	Where loaded Class of Dangerous Goods	☐ Cargo Hold No.: ☐ 4.1 ☐ 4.2 ☐ 4.3 ☐ Landing partial for Section 1.	Other (Pleas	e specify):			
	(1) Please complete when restrictions apply to loading of specified cargo in order to meet relevant requirements.	☐ Loading restrictions for Specified Cargo ⁽¹⁾ :					
Other Dangerous Goods	Where loaded	☐ Weather Deck ☐ Cargo	Hold No.:	Other (Please specify):			
Goods	Class of Dangerous Goods (1) Please complete when restrictions apply to loading of specified cargo in order to meet relevant requirements.	2.3((flammable) (no 3 (all) 3 (liquid: flashpoint (°C) 4.1 4.2 6.1(All) 6.1(liquid: flashpoint (°C) 8(All)	below 23° ☐ between 4.3(☐ liquid ☐ solid ☐ below 23° ☐ between ☐ below 23° ☐ between				

Shipbuilder		Yard/Hull Number	
-------------	--	---------------------	--

MAIN PARTICULARS OF CARGO GEAR

CARGO GEAR (DERRICK/CRANE)

Location and description	Intended safe working load (tons) - allowable minimum angle (degrees) or allowable maximum radius (meters)				
with distinguishing number or mark, if any	Load	Angle/Radius	Dual		
			Load	Angle/Radius	

UNION PURCHASE %Please also complete the separate Form 3A-4-2.

Location and description	Intended safe working load (tons) - allowable minimum angle (degrees) or allowable maximum radius (meters)				
with distinguishing number or mark, if any	Safe working	Maximum	Swing system		
load		fall angle	Load	Angle/Radius	

RAMPS/LIFT FOR CARGO

Location with distinguishing number or mark, if any	Intended safe working load (tons)	Remarks

Shipbuilder	Yard/Hull	
	Number	

Datasheet for Union Purchase (1)(2)

Location of Derricks:	Fore / Aft of).		
• Distance of lower guy eyes from upper deck (3):	Inboard boom ()	meters		
	Outboard bo	om ()	meters		
Safe Working load in Union Purchase:	() tons				
Fall angle:	() degrees				
 Allowable lifting height from upper deck: 	() meters				
Outside diameter and thickness of derrick boom:	Inboard boo	m	ϕ mm	n×	mm	
	Outboard boom ϕ n		ϕ m	$mm \times mm$		
Inboard boom Ou	itboard boom			distance fo	ers length, height o r each item in t reen each pair o	he
Upper deck	Center Line		_	 C) Guy eye	
	Line	-	_			
Inboard boom	†		Outb	oard boom		†

- (1)This form is to be prepared separately for each gang.
 (2)Camber, sheer, trim, and heel are to be ignored.
 (3)Enter the value 0 meters in cases where the guy eye is fixed to the upper deck.

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 30 May 2013.