Subject

Amendments to Class Notations & Descriptive Notes for Class Characters according to the Amendments to the ClassNK Rules the Survey and Construction of Steel Ships

ClassNK
Technical Information

No. TEC-0558
Date 19 December 2003

To whom it may concern

With reference to the above mentioned subject, New Class Notations & Descriptive Notes were established by Amendments, on 27 December 2002 (Rule No. 65), to Part A of the RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS. The amendments should be dealt with as follows;

1. The Aim of the Amendment
   These amendments, have been made to clarify the class notations to be affixed to vessels, to which special requirements or lighting have been applied, with regards to "Service Area", "Structural Materials for Main Hull", "Hull & Equipment", "Ice Strengthening", "Structural Analysis", and/or "Special Survey Scheme". That is to say, the kind of notation to be affixed in which case was revised so that the relationship between the class notation and conformity with regulations would become clearer. It follows therefore, that many kinds of class notations were re-examined. Furthermore, in addition to the "Class Notations" showing a better relationship with the regulations, there is also a new system to be displayed in combination, called "Descriptive Note" for describing special structures, the kind of cargo, etc.

2. Application of New Class Notations & Descriptive Notes
   (1) For New Ships
   According to these amendments, the New Class Notations & Descriptive Notes (for New Ships) apply to vessels which will-be registered after 1 January 2004 when making "Application for Classification and Statutory Services During Construction". Consequently, please choose the New Class Notations & Descriptive Notes carefully when you submit the an Application. Please find attached a table for "Comparison of Old and New Notations" for your reference.
   (2) For Existing Ships & New Ships under constructing
   For existing ships, with the owner's consent (after having verified with the owner), the old Class Notations will be changed to New Class Notations & Descriptive Notes. The same applies to new ships under construction (for applications received before 31 December 2003). The initial Class Notation will be substituted with New Class Notations & Descriptive Notes with the owner's consent after delivery.
   (3) For Existing Ships(registered after construction) & Re-classed Ships
   The New Class Notations & Descriptive Notes must be used after 1 January 2004 when making "Application for Classification and Statutory Services for an Existing Ship".

(To be continued)

3. New Application Forms
   Please find attached Application Form 1A (Rev. July 2003) & Form 3A (Rev. July 2003) which have been revised. Otherwise you can also, download the Application Form 1A (Rev. July 2003) & Form 3A (Rev. July 2003) from ClassNK website.

   Home Page Address for Application Forms: http://www.classnk.or.jp/hp/download/dl_appli.asp

For any questions about the above, please contact:

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Attachments :

1. Table for "Comparison of Old and New Notations" (Total 9 pages)
2. Application for Classification and Statutory Services During Construction : Form 1A (Rev. July 2003, total 6 pages)
3. Application for Classification and Statutory Services for an Existing Ship : Form 3A (Rev. July 2003, total 1 page)

Attachment 1 Comparison of Old and New Notations

KIND	Old Class Notation			New Class Notation & Descriptive Note		
	Abbreviation	Class Notation		Abbreviation	Class Notation	Descriptive Note
Nav. Area	CTKSKB	Coastal Trade Limit Service between Kuching and Sarikei, or Kuching and Bintulu	⇒	CS	Coasting Service	Restricted service between Kuching and Sarieki, or Kuching and Bintulu
Nav. Area	AGSECU	Arabian Gulf Service including East Coast of U.A.E.	⇒	CS	Coasting Service	Restricted service in Arabian Gulf including east coast of UAE
Nav. Area	CSCHL	Coastal Service in Chile	⇒	CS	Coasting Service	Restricted service in Chile
Nav. Area	RS CT	Restricted Service up to 200 miles off the Coast of Tuvalu	⇒			Restricted service up to 200 miles off the coast of Tuval
Nav. Area	CS	Coasting Service	⇒	CS	Coasting Service	
Nav. Area	REWS	River and Esturarial Water Service	⇒	SWS	Smooth Water Service	River and estuarial water service
Nav. Area	GCS	Greater Coasting Service	⇒			Restricted service in Japan or Non-international service
Nav. Area	RSBS	River Service in Brunei, Sabah and Sarawak	⇒	SWS	Smooth Water Service	River service in Brunei, Sabah and Sarawak
Nav. Area	CTSSB	Coastal Trade Limit Service in Sabah, Sarawak and Brunei	⇒	CS	Coasting Service	Restricted service in Brunei, Sabah and Sarawak
Nav. Area	RS CS	Restricted Coasting Service	⇒	CS	Coasting Service	Restricted Coasting Service
Nav. Area	RS	River Service	⇒	SWS	Smooth Water Service	River use
Nav. Area	SWS	Smooth Water Service	⇒	SWS	Smooth Water Service	
Nav. Area	HS	Harbour Service	⇒	SWS	Smooth Water Service	Harbour use
Nav. Area	RHS	River and Harbour Service	⇒	SWS	Smooth Water Service	River / harbour use
Nav. Area	RSU RE	Restricted Service, River Plate, Parana, Uruguay and Esturarial Water up the line between Punta Rasa and Punta del Este	⇒	SWS	Smooth Water Service	Restricted service in River Plate, Parana, Uruguay and esturial water up the line between Punta Rasa and Punta del Este
Nav. Area	CS I	Coasting Service in India	⇒	CS	Coasting Service	Restricted service in India
Nav. Area	HTCS	Home Trade Limit Service and Coasting Service	⇒	CS	Coasting Service	Home Trade Limit Service and Coasting Service
Nav. Area	HTS	Home Trade Limit Service	⇒	CS	Coasting Service	Home Trade Limit Service
Nav. Area	LTS	Local Trade Limit Service	⇒	CS	Coasting Service	Local Trade Limit Service
Nav. Area	AGS	Arabian Gulf Service	⇒	CS	Coasting Service	Restricted service in Arabian Gulf
Nav. Area	CS P	Coasting Service in the Philippines	⇒	CS	Coasting Service	Restricted service in Philippines
Nav. Area	BCS	Bangladesh Coasting Service	⇒	CS	Coasting Service	Restricted service in Bangladesh
Nav. Area	CTL	Coastal Trade Limit	⇒	CS	Coasting Service	Coastal Trade Limit
Nav. Area	THTS	Thailand Home Trade Service	⇒	CS	Coasting Service	Restricted service in Thailand
Nav. Area	PPWS P	Partly Protected Water Service in the Philippines	⇒	SWS	Smooth Water Service	Restricted service in Philippines
Nav. Area	SP30S	Singapore 30-mile Limit Service	⇒			Restricted service up to 30 miles off the coast in Singapore
Nav. Area	RGCS	Restricted Greater Coasting Service	⇒	RGCS	Restricted Greater Coasting Service	
Nav. Area	KPSS	Kuching-Pending and Sarikei Service	⇒			Restricted service between Kuching-Pending and Sarikei
Nav. Area	CS B	Coasting Service in Belau	⇒	CS	Coasting Service	Restricted service in Belau
Nav. Area	CTS	Coastal Trade Limit Service in Sarawak	⇒	CS	Coasting Service	Rstricted service in Sarawak
Nav. Area	RSPLKB	Restricted Service between : Penang and Langkawi and Kuala Perlis/Kuala Pedah, Penang and Belawan (Medan)	⇒			Restricted service between: Penang and Langkawi, Langkawi and Kuala Perlis / Kuala Kedah, Penang and Belawan (Medan)
Nav. Area	CTSS	Coastal Trade Limit Service in Sabah and Sarawak	⇒	CS	Coasting Service	Restricted service in Sabah and Sarawak
Nav. Area	ISICSM	Interinsular Service in Indonesia and Coasting Service in Singapore and Malaysia	⇒			Interinsular service in Indonesia and Coasting service in Singapore and Malaysia
Nav. Area	RSKLBS	Restricted Service between Kota Kinabalu, Labuan and Bandar Seri Begawan	⇒			Restricted service between Kota Kinabalu, Labuan and Bandar Seri Begawan
Nav. Area	RS BL	Restricted Service between Brunei and Labuan	⇒			Restricted service between Brunei and Labuan
Nav. Area	RS KL	Restricted Service between Kota Kinabalu and Labuan	⇒			Restricted service between Kota Kinabalu and Labuan

Attachment 1 Comparison of Old and New Notations

KIND	Old Class Notation			New Class Notation & Descriptive Note		
	Abbreviation	Class Notation		Abbreviation	Class Notation	Descriptive Note
EQUIP	TLFG 1.77MPA	Tanker, Liquefied Flammable Gases-Maximum Pressure	⇒	LGC	Liquefied Gas Carrier	Design maximum pressure: 1.77 MPa
EQUIP	TLG 1.82MPA & 0°C II PG	Tanker, Liquefied Gases-Maximum Pressure 1.82MPa and Minimum Temperature 0°C Type II PG	⇒	LGC IIPG	Liquefied Gas Carrier Type IIPG	Design maximum pressure: 1.82 MPa / minimum temperature: 0 degree C
EQUIP	TLG 0.02MPA & -45°C II G	Tanker, Liquefied Gases-Maximum Pressure 0.02MPa and Minimum Temperature -45°C Type II G	⇒	LGC IIG	Liquefied Gas Carrier Type IIG	Design maximum pressure: 0.02 MPa / minimum temperature -45 degree C
EQUIP	TLG 1.77MPA & 0°C II PG	Tanker, Liquefied Gases-Maximum Pressure 1.77MPa and Minimum Temperature 0°C Type II PG	⇒	LGC IIPG	Liquefied Gas Carrier Type IIPG	Design maximum pressure: 1.77 MPa / minimum temperature 0 degree C
EQUIP	TLG 0.034MPA & -104°C II G	Tanker, Liquefied Gases-Maximum Pressure 0.034MPa and Minimum Temperature -104°C Type II G	⇒	LGC IIG	Liquefied Gas Carrier Type IIG	Design maximum pressure: 0.034 MPa / minimum temperature -104 degree C
EQUIP	TLG 0.025MPA & -163°C II G	Tanker, Liquefied Gases-Maximum Pressure 0.025MPa and Minimum Temperature -163°C Type II G	⇒	LGC IIG	Liquefied Gas Carrier Type IIG	Design maximum pressure: 0.025 MPa / minimum temperature -163 degree C
EQUIP	TLG 0.025MPA & -163°C 2G	Tanker, Liquefied Gases-Maximum Pressure 0.025MPa and Minimum Temperature -163°C Type 2G	⇒	LGC 2G	Liquefied Gas Carrier Type 2G	Design maximum pressure: 0.025 MPa / minimum temperature -163 degree C
EQUIP	TLG 1.77MPA & 0°C 2PG	Tanker, Liquefied Gases-Maximum Pressure 1.77MPa and Minimum Temperature 0°C Type 2PG	⇒	LGC 2PG	Liquefied Gas Carrier Type 2PG	Design maximum pressure: 1.77 MPa / minimum temperature 0 degree C
EQUIP	TLG 0.028MPA & -46°C 2G	Tanker, Liquefied Gases-Maximum Pressure 0.028MPa and Minimum Temperature -46°C Type 2G	⇒	LGC 2G	Liquefied Gas Carrier Type 2G	Design maximum pressure: 0.028 MPa / minimum temperature -46 degree C
EQUIP	TLG 1.73MPA & 0°C 2PG	Tanker, Liquefied Gases-Maximum Pressure 1.73MPa and Minimum Temperature 0°C Type 2PG	⇒	LGC 2PG	Liquefied Gas Carrier Type 2PG	Design maximum pressure: 1.73 MPa / minimum temperature 0 degree C
EQUIP	TLG 1.47MPA & 0°C 2PG	Tanker, Liquefied Gases-Maximum Pressure 1.47MPa and Minimum Temperature 0°C Type 2PG	⇒	LGC 2PG	Liquefied Gas Carrier Type 2PG	Design maximum pressure: 1.47 MPa / minimum temperature 0 degree C
EQUIP	TLG 0.025MPA & -46°C 2G	Tanker, Liquefied Gases-Maximum Pressure 0.025MPa and Minimum Temperature -46°C Type 2G	⇒	LGC 2G	Liquefied Gas Carrier Type 2G	Design maximum pressure: 0.025 MPa / minimum temperature -46 degree C
EQUIP	TLG 1.77MPA & 0°C 2PG	Tanker, Liquefied Gases-Maximum Pressure 1.77MPa and Minimum Temperature 0°C Type 2PG	⇒	LGC 2PG	Liquefied Gas Carrier Type 2PG	Design maximum pressure: 1.77 MPa / minimum temperature 0 degree C
EQUIP	TLG 1.785MPA & 0°C 3PG	Tanker, Liquefied Gases-Maximum Pressure 1.785MPa and Minimum Temperature 0°C Type 3PG	⇒	LGC 3PG	Liquefied Gas Carrier Type 3PG	Design maximum pressure: 1.785 MPa / minimum temperature 0 degree C
EQUIP	TOA	Tanker, Oils-Flashpoint above 60°C	⇒	TOA	Tanker, Oils-Flashpoint above 60°C	
EQUIP	TOB	Tanker, Oils-Flashpoint below 60°C	⇒	TOB	Tanker, Oils-Flashpoint on and below 60°C	
EQUIP	BC OR BOB C	Bulk Carrier or Bulk, Oils-Flashpoint below 60°C Carrier	⇒	BC/TOB	Bulk Carrier or Tanker, Oils-Flashpoint on and below 60°C	
EQUIP	TM OR OB	Tanker, Molasses or Oils-Flashpoint below 60°C	⇒	TOB	Tanker, Oils-Flashpoint on and below 60°C	Designed for carriage of Oils and Molasses
EQUIP	TOA & ASPHALT	Tanker, Oils-Flashpoint above 60°C and Asphalt	⇒	TCOA	Tank Carrier, Oils-Flashpoint above 60°C	Designed for carriage of Oils and Asphalt
EQUIP	TOB & SC II & III	Tanker, Oils-Flashpoint below 60°C and Specified Chemicals Types II and III	⇒	TOB/CT II&III	Tanker, Oils-Flashpoint on and below 60°C and Chemicals Type II and III	
EQUIP	TM OR OB & C II & III	Tanker, Molasses or Oils-Flashpoint below 60°C and Chemicals Types II and III	⇒	TOB/CT II&III	Tanker, Oils-Flashpoint on and below 60°C and Chemicals Type II and III	Designed for carriage of Oils, Chemicals and Molasses
EQUIP	TOB & C III	Tanker, Oils-Flashpoint below 60°C and Chemicals Type III	⇒	TOB/CT III	Tanker, Oils-Flashpoint on and below 60°C and Chemicals Type III	
EQUIP	TOB & B III	Tanker, Oils-Flashpoint below 60°C and Benzene, Type III	⇒	TOB/CT III	Tanker, Oils-Flashpoint on and below 60°C and Chemicals Type III	Designed for carriage of Oils and Benzene

Attachment 1 Comparison of Old and New Notations

KIND	Old Class Notation			New Class Notation & Descriptive Note		
	Abbreviation	Class Notation		Abbreviation	Class Notation	Descriptive Note
EQUIP	TOB & C II & III	Tanker, Oils-Flashpoint below 60°C and Chemicals Types II and III	⇒	TOB/CT II&III	Tanker, Oils-Flashpoint on and below 60°C and Chemicals Type II and III	
EQUIP	TM OR OB & C III	Tanker, Molasses or Oils-Flashpoint below 60°C and Chemicals Type III	⇒	TOB/CT III	Tanker, Oils-Flashpoint on and below 60°C and Chemicals Type III	Designed for carriage of Oils, Chemicals and Molasses
EQUIP	TOB & SHS III	Tanker, Oils-Flashpoint below 60°C and Sodium Hydroxide Solution Type III	⇒	TOB/CT III	Tanker, Oils-Flashpoint on and below 60°C and Chemicals Type III	Designed for carriage of Oils and Sodium Hydroxide Solution
EQUIP	TVAO	Tanker, Vegetable and Animal Oils	⇒	T	Tanker	Designed for carriage of Vegetable and Animal Oils
EQUIP	TLQB	Tanker, Liquids other than Oils Defined in Marpol 73/78-Flashpoint below 60°C	⇒	TFLB	Tanker, Flammable Liquid-Flashpoint above 60°C	
EQUIP	TOB 0.7	Tanker, Oils-Flashpoint below 60°C and Maximum Pressure 0.7kg/cm2	⇒	TOB	Tanker, Oils-Flashpoint on and below 60°C	Design maximum pressure: 0.7 kg/cm2
EQUIP	TOA, EQ CPCASS	Tanker, Oils-Flashpoint above 60°C, Equipped with Computer Controlled Auxiliary Sailing System	⇒	TOA	Tanker, Oils-Flashpoint above 60°C	Equipped with computer conyrolled auxiliary sailing system
EQUIP	TOA & C III	Tanker, Oils-Flashpoint above 60°C and Chemicals Type III	⇒	TOA/CT III	Tanker, Oils-Flashpoint above 60°C and Chemicals	
EQUIP	TA & SCA III	Tanker, Asphalt and Specified Chemicals-flashpoint above 60° C Type III	⇒	TCOA/CT III	Tank Carrier, Oils-Flashpoint above 60°C and Chemical Type III	Designed for carriage of Asphalt and Specific Chemicals
EQUIP	TLFG 15	Tanker, Liquefied Flammable Gases-Maximum Pressure	⇒	LGC	Liquefied Gas Carrier	Design maximum pressure: 15kg/cm2
EQUIP	TLFG 15.6	Tanker, Liquefied Flammable Gases-Maximum Pressure	⇒	LGC	Liquefied Gas Carrier	Design maximum pressure: 15.6 kg/cm2
EQUIP	TLFG 17.6	Tanker, Liquefied Flammable Gases-Maximum Pressure	⇒	LGC	Liquefied Gas Carrier	Design maximum pressure: 17.6 kg/cm2
EQUIP	TLFG 18	Tanker, Liquefied Flammable Gases-Maximum Pressure	⇒	LGC	Liquefied Gas Carrier	Design maximum pressure: 18 kg/cm2
EQUIP	TLPG 18	Tanker, Liquefied Petroleum Gases-Maximum Pressure 18kg/c	⇒	LGC	Liquefied Gas Carrier	Design maximum pressure: 18 kg/cm2
EQUIP	TLFG -45	Tanker, Liquefied Flammable Gases-Minimum Temperature -	⇒	LGC	Liquefied Gas Carrier	Design minimum temperature: -45 degree C
EQUIP	TLFG -45 & -5	Tanker, Liquefied Flammable Gases-Minimum Temperature -45°C for Some Tanks and -5°C for other Tanks	⇒	LGC	Liquefied Gas Carrier	Design minimum temperature: -45 / -5 degree C
EQUIP	TLFG -46 & -9.5	Tanker, Liquefied Flammable Gases-Minimum Temperature -46°C for Some Tanks and -9.5°C for other Tanks	⇒	LGC	Liquefied Gas Carrier	Design minimum temperature: -46 / -9.5 degree C
EQUIP	TLFG -46 & -10	Tanker, Liquefied Flammable Gases-Minimum Temperature -46°C for Some Tanks and -10°C for other Tanks	⇒	LGC	Liquefied Gas Carrier	Design minimum temperature: -46 / -10 degree C
EQUIP	TLA & LFG 18	Tanker, Liquefied Ammonia and Liquefied Flammable Gases-Maximum Pressure 18kg/cm²	⇒	LGC	Liquefied Gas Carrier	Designed for carriage of liquefied Ammonia and other liquefied gases of maximum pressure: 18 kg/cm2
EQUIP	TLAG 7 & -10°C	Tanker, Liquefied Ammonia Gases-Maximum Pressure 7kg/cm² and Minimum Temperature -10°C	⇒	LGC	Liquefied Gas Carrier	Designed for carriage of liquefied Ammonia of maximum pressure 7kg/cm2 / minimum temperature -10 degree C
EQUIP	TLFG 18.6	Tanker, Liquefied Flammable Gases-Maximum Pressure	⇒	LGC	Liquefied Gas Carrier	Design maximum pressure: 18.6 kg/cm2
EQUIP	TLFG -46 & -5	Tanker, Liquefied Flammable Gases-Minimum Temperature -46°C for Nos. 2,3 and 4 Tanks and -5°C for Nos. 1 and Centre	⇒	LGC	Liquefied Gas Carrier	Design minimum temperature: -46 degree C for Nos.2, 3 & 4 Tanks / -5 degree C for Nos.1 & Centre Tanks
EQUIP	TLG 18.6 & 0°C II PG	Tanker, Liquefied Gases-Maximum Pressure 18.6kg/cm² and Minimum Temperature 0°C Type II PG	⇒	LGC IIPG	Liquefied Gas Carrier Type IIPG	Design maximum pressure: 18.6 kg/cm2 / minimum temperature: 0 degree C
EQUIP	TLG 0.20 & -45°C II G	Tanker, Liquefied Gases-Maximum Pressure 0.20kg/cm² and Minimum Temperature -45°C Type II G	⇒	LGC IIG	Liquefied Gas Carrier Type IIG	Design maximum pressure: 0.20 kg/cm2 / minimum temperature: -45 degree C
EQUIP	TLG 0.28 & -45°C II G	Tanker, Liquefied Gases-Maximum Pressure 0.28kg/cm² and Minimum Temperature -45°C Type II G	⇒	LGC IIG	Liquefied Gas Carrier Type IIG	Design maximum pressure: 0.28 kg/cm2 / minimum temperature: -45 degree C

Attachment 1 Comparison of Old and New Notations

KIND	Old Class Notation			New Class Notation & Descriptive Note		
	Abbreviation	Class Notation		Abbreviation	Class Notation	Descriptive Note
EQUIP	TLG 18.0 & 0°C II PG	Tanker, Liquefied Gases-Maximum Pressure 18.0kg/cm² and Minimum Temperature 0°C Type II PG	⇒	LGC IIPG	Liquefied Gas Carrier Type IIPG	Design maximum pressure: 18 kg/cm2 / minimum temperature: 0 degree C
EQUIP	TLG 12 & -45°C II PG	Tanker, Liquefied Gases-Maximum Pressure 12.0kg/cm² and Minimum Temperature -45°C Type II PG	⇒	LGC IIPG	Liquefied Gas Carrier Type IIPG	Design maximum pressure: 12 kg/cm2 / minimum temperature: -45 degree C
EQUIP	TLG 18 & 0°C	Tanker, Liquefied Gases-Maximum Pressure 18.0kg/cm² and Minimum Temperature 0°C	⇒	LGC	Liquefied Gas Carrier	Design maximum pressure: 18 kg/cm2 / minimum temperature: 0 degree C
EQUIP	TLG 0.35 & -104°C II G	Tanker, Liquefied Gases-Maximum Pressure 0.35kg/cm² and Minimum Temperature -104°C Type II G	⇒	LGC IIG	Liquefied Gas Carrier Type IIG	Design maximum pressure: 0.35 kg/cm2 / minimum temperature: -104 degree C
EQUIP	TLG 0.25 & -45°C II G	Tanker, Liquefied Gases-Maximum Pressure 0.25kg/cm² and Minimum Temperature -45°C Type II G	⇒	LGC IIG	Liquefied Gas Carrier Type IIG	Design maximum pressure: 0.25 kg/cm2 / minimum temperature: -45 degree C
EQUIP	TLG 0.25 & -46°C II G	Tanker, Liquefied Gases-Maximum Pressure 0.25kg/cm² and Minimum Temperature -46°C Type II G	⇒	LGC IIG	Liquefied Gas Carrier Type IIG	Design maximum pressure: 0.25 kg/cm2 / minimum temperature: -46 degree C
EQUIP	TLG 0.21 & -46°C II G	Tanker, Liquefied Gases-Maximum Pressure 0.21kg/cm² and Minimum Temperature -46°C Type II G	⇒	LGC IIG	Liquefied Gas Carrier Type IIG	Design maximum pressure: 0.21 kg/cm2 / minimum temperature: -46 degree C
EQUIP	TLG 7 & -45°C II PG	Tanker, Liquefied Gases-Maximum Pressure 7kg/cm² and Minimum Temperature -45°C Type II PG	⇒	LGC IIPG	Liquefied Gas Carrier Type IIPG	Design maximum pressure: 7 kg/cm2 / minimum temperature: -45 degree C
EQUIP	TLG 0.25 & -45°C & -10°C II G	Tanker, Liquefied Gases-Maximum Pressure 0.25kg/cm² and Minimum Temperature -45°C for Nos. 2,3,4 & 5 Propane Tanks and -10°C for No.1 Butane Tank, Type II G	⇒	LGC IIG	Liquefied Gas Carrier Type IIG	Design maximum pressure: 0.25 kg/cm2 / minimum temperature: -45 degree C for Nos. 2, 3, 4 & 5 Puropene Tanks / -10 degree C for No.1 Butane Tank
EQUIP	TLG 0.25 & -46°C & -9.5°C II G	Tanker, Liquefied Gases-Maximum Pressure 0.25kg/cm² and Minimum Temperature -46°C for Nos. 2,3 & 4 Tanks and -9.5°C Nos. 1 & 5 Tanks, Type II G	⇒	LGC IIG	Liquefied Gas Carrier Type IIG	Design maximum pressure: 0.25 kg/cm2 / minimum temperature: -46 degree C for Nos.2, 3 & 4 Tanks / -9.5 degree C for Nos.1 & 5 Tanks
EQUIP	TLG 0.25 & -163°C II G	Tanker, Liquefied Gases-Maximum Pressure 0.25kg/cm² and Minimum Temperature -163°C Type II G	⇒	LGC IIG	Liquefied Gas Carrier Type IIG	Design maximum pressure: 0.25 kg/cm2 / minimum temperature: -163 degree C
EQUIP	TLG 7 & -48°C II PG	Tanker, Liquefied Gases-Maximum Pressure 7kg/cm² and Minimum Temperature -48°C Type II PG	⇒	LGC IIPG	Liquefied Gas Carrier Type IIPG	Design maximum pressure: 7 kg/cm2 / minimum temperature: -48 degree C
EQUIP	TLG 0.28 & -46°C II G	Tanker, Liquefied Gases-Maximum Pressure 0.28kg/cm² and Minimum Temperature -46°C Type II G	⇒	LGC IIG	Liquefied Gas Carrier Type IIG	Design maximum pressure: 0.28 kg/cm2 / minimum temperature: -46 degree C
EQUIP	TLG 17.6 & 0°C II PG	Tanker, Liquefied Gases-Maximum Pressure 17.6kg/cm² and Minimum Temperature 0°C Type II PG	⇒	LGC IIPG	Liquefied Gas Carrier Type IIPG	Design maximum pressure: 17.6 kg/cm2 / minimum temperature: 0 degree C
EQUIP	TLAG 7 & 0°C II PG	Tanker, Liquefied Ammonia Gas-Maximum Pressure 7kg/cm² and Minimum Temperature 0°C Type II PG	⇒	LGC IIPG	Liquefied Gas Carrier Type IIPG	Designed for carriage of liquefied Ammonia of maximum pressure: 7 kg/cm2 / minimum temperature: 0 degree C
EQUIP	TLAG 18.0 & 0°C II PG	Tanker, Liquefied Ammonia Gas-Maximum Pressure 18.0kg/cm² and Minimum Temperature 0°C Type II PG	⇒	LGC IIPG	Liquefied Gas Carrier Type IIPG	Designed for carriage of liquefied Ammonia of maximum pressure: 18 kg/cm2 / minimum temperature: 0 degree C
EQUIP	TLHFG 7 & 0°C I G	Tanker, Liquefied Hydrogen Fluoride Gases - Maximum Pressure 7kg/cm² and Minimum Temperature 0°C Type I G	⇒	LGC IG	Liquefied Gas Carrier Type IG	Designed for carriage of liquefied Hydrogen Fluoride of maximum pressure: 7 kg/cm2 / minimum temperature: 0 degree C
EQUIP	TLG 15.0 & 0°C II PG	Tanker, Liquefied Gases-Maximum Pressure 15.0kg/cm² and Minimum Temperature 0°C Type II PG	⇒	LGC IIPG	Liquefied Gas Carrier Type IIPG	Design maximum pressure: 15 kg/cm2 / minimum temperature: 0 degree C
EQUIP	TLG 0.025MPA & -163°C 2G	Tanker, Liquefied Gases-Maximum Pressure 0.025MPa and Minimum Temperature -163°C Type 2G	⇒	LGC 2G	Liquefied Gas Carrier Type 2G	Design maximum pressure: 0.025 MPa / minimum temperature: -63 degree C
EQUIP	TLG 18.0 & 0°C 2PG	Tanker, Liquefied Gases-Maximum Pressure 18.0kg/cm² and Minimum Temperature 0°C Type 2PG	⇒	LGC 2PG	Liquefied Gas Carrier Type 2PG	Design maximum pressure: 18 kg/cm2 / minimum temperature: 0 degree C

Attachment 1 Comparison of Old and New Notations

KIND	Old Class Notation			New Class Notation & Descriptive Note		
	Abbreviation	Class Notation		Abbreviation	Class Notation	Descriptive Note
EQUIP	TLG 0.028MPA & -46°C 2G	Tanker, Liquefied Gases-Maximum Pressure 0.028MPa and Minimum Temperature -46°C Type 2G	⇒	LGC 2G	Liquefied Gas Carrier Type 2G	Design maximum pressure: 0.028 MPa / minimum temperature: -46 degree C
EQUIP	TLG 17.6 & 0°C 2PG	Tanker, Liquefied Gases-Maximum Pressure 17.6kg/cm² and Minimum Temperature 0°C Type 2PG	⇒	LGC 2PG	Liquefied Gas Carrier Type 2PG	Design maximum pressure: 17.6 kg/cm2 / minimum temperature: 0 degree C
EQUIP	TLAG 7 & 0°C 2PG	Tanker, Liquefied Ammonia Gases-Maximum Pressure 7kg/cm² and Minimum Temperature 0°C Type 2PG	⇒	LGC 2PG	Liquefied Gas Carrier Type 2PG	Designed for carriage of liquefied Ammonia of maximum pressure: 7 kg/cm2 / minimum temperature: 0 degree C
EQUIP	TLAG 18.0 & 0°C 2PG	Tanker, Liquefied Ammonia Gases-Maximum Pressure 18.0kg/cm² and Minimum Temperature 0°C Type 2PG	⇒	LGC 2PG	Liquefied Gas Carrier Type 2PG	Designed for carriage of liquefied Ammonia of maximum pressure: 18 kg/cm2 / minimum temperature: 0 degree C
EQUIP	TLG 0.25 & -45°C 2G	Tanker, Liquefied Gases-Maximum Pressure 0.25kg/cm² and Minimum Temperature -45°C Type 2G	⇒	LGC 2G	Liquefied Gas Carrier Type 2G	Design maximum pressure: 0.25 kg/cm2 / minimum temperature: -45 degree C
EQUIP	TLG 7.0 & -48°C 2PG	Tanker, Liquefied Gases-Maximum Pressure 7.0kg/cm² and Minimum Temperature -48°C Type 2PG	⇒	LGC 2PG	Liquefied Gas Carrier Type 2PG	Design maximum pressure: 7 kg/cm2 / minimum temperature: -48 degree C
EQUIP	TLG 18.6 & 0°C 2PG	Tanker, Liquefied Gases-Maximum Pressure 18.6kg/cm² and Minimum Temperature 0°C Type 2PG	⇒	LGC 2PG	Liquefied Gas Carrier Type 2PG	Design maximum pressure: 18.6 kg/cm2 / minimum temperature: 0 degree C
EQUIP	TLG 15.0 & 0°C 2PG	Tanker, Liquefied Gases-Maximum Pressure 15.0kg/cm² and Minimum Temperature 0°C Type 2PG	⇒	LGC 2PG	Liquefied Gas Carrier Type 2PG	Design maximum pressure: 15 kg/cm2 / minimum temperature: 0 degree C
EQUIP	TLG 0.25 & -46°C 2G	Tanker, Liquefied Gases-Maximum Pressure 0.25kg/cm² and Minimum Temperature -46°C Type 2G	⇒	LGC 2G	Liquefied Gas Carrier Type 2G	Design maximum pressure: 0.25 kg/cm2 / minimum temperature: -46 degree C
EQUIP	TLG 0.49MPA & -104°C 2G	Tanker, Liquefied Gases-Maximum Pressure 0.49MPa and Minimum Temperature -104°C Type 2G	⇒	LGC 2G	Liquefied Gas Carrier Type 2G	Design maximum pressure: 0.49 MPa / minimum temperature: -104 degree C
EQUIP	TLG 0.0245MPA & -163°C 2G	Tanker, Liquefied Gases-Maximum Pressure 0.0245MPa and Minimum Temperature -163°C Type 2G	⇒	LGC 2G	Liquefied Gas Carrier Type 2G	Design maximum pressure: 0.0245 MPa / minimum temperature: -163 degree C
EQUIP	TLAG 7.14 & 0°C 2PG	Tanker, Liquefied Ammonia Gases-Maximum Pressure 7.14kg/Cm² and Minimum Temperature 0°C Type 2PG	⇒	LGC 2PG	Liquefied Gas Carrier Type 2PG	Designed for carriage of liquefied Ammonia of maximum pressure: 7.14 kg/cm2 / minimum temperature: 0 degree C
EQUIP	TLG 0.275MPA & -104°C 2G	Tanker, Liquefied Gases-Maximum Pressure 0.275MPa and Minimum Temperature -104°C Type 2G	⇒	LGC 2G	Liquefied Gas Carrier Type 2G	Design maximum pressure: 0.275 MPa / minimum temperature: -104 degree C
EQUIP	TLG 24.5KPA & -163°C 2G	Tanker, Liquefied Gases-Maximum Pressure 24.5KPa and Minimum Temperature -163°C Type 2G	⇒	LGC 2G	Liquefied Gas Carrier Type 2G	Design maximum pressure: 24.5 kPa / minimum temperature: -163 degree C
EQUIP	TLG 6.5 & -104°C 2G	Tanker, Liquefied Gases-Maximum Pressure 6.5kg/cm² and Minimum Temperature -104°C Type 2G	⇒	LGC 2G	Liquefied Gas Carrier Type 2G	Design maximum pressure: 6.5 kg/cm2 / minimum temperature: -104 degree C
EQUIP	TLG 0.8MPA & -104°C 2G	Tanker, Liquefied Gases-Maximum Pressure 0.8MPa and Minimum Temperature -104°C Type 2G	⇒	LGC 2G	Liquefied Gas Carrier Type 2G	Design maximum pressure: 0.8 MPa / minimum temperature: -104 degree C
EQUIP	TLG 1.77MPA & 0°C 2PG	Tanker, Liquefied Gases-Maximum Pressure 1.77MPa and Minimum Temperature 0°C Type 2PG	⇒	LGC 2PG	Liquefied Gas Carrier Type 2PG	Design maximum pressure: 1.77 MPa / minimum temperature: 0 degree C
EQUIP	TLG 1.77MPA & -5°C 2PG	Tanker, Liquefied Gases-Maximum Pressure 1.77MPa and Minimum Temperature –5°C Type 2PG	⇒	LGC 2PG	Liquefied Gas Carrier Type 2PG	Design maximum pressure: 1.77 MPa / minimum temperature: -5 degree C
EQUIP	TOL II & SA III	Tanker, Oleum Type II and Sulphuric Acid Type III	⇒	CT II&III	Chemical Tanker Type II & III	Designed for carriage of Oleum type II and Sulphuric Acid type III
EQUIP	TSA	Tanker, Sulphuric Acid	⇒	CT III	Chemical Tanker Type III	Designed for carriage of Sulphuric Acid
EQUIP	TCS	Tanker, Caustic Soda	⇒	CT III	Chemical Tanker Type III	Designed for carriage of Sodium Hydroxide Solution
EQUIP	AT	Asphalt Tanker	⇒	TC	Tank Carrier	Designed for carriage of Asphalt
EQUIP	TMS III	Tanker, Molten Sulphur, Type III	⇒	CT III	Chemical Tanker Type III	Designed for carriage of Molten Sulphur

Attachment 1 Comparison of Old and New Notations

KIND	Old Class Notation			New Class Notation & Descriptive Note		
	Abbreviation	Class Notation		Abbreviation	Class Notation	Descriptive Note
EQUIP	TSA III	Tanker, Sulphuric Acid Type III	⇒	CT III	Chemical Tanker Type III	Designed for carriage of Sulphuric Acid
EQUIP	TLQB & C II & III	Tanker, Liquids other than Oils Defined in MARPOL 73/78-Flashpoint below 60°C and Chemicals Types II and III	⇒	CT II&III	Chemical Tanker Type II & III	
EQUIP	TC III	Tanker, Chemicals Type III	⇒	CT III	Chemical Tanker Type III	
EQUIP	THPS 8-60	Tanker, Hydrogen Peroxide Solutions over 8% but not over 60% by Weight	⇒	CT III	Chemical Tanker Type III	Designed for carriage of Hydrogen Peroxide Solutions of over 8% but not over 60% by weight
EQUIP	TM OR OB & SHS	Tanker, Molasses or Oils-Flashpoint below 60°C and Sodium Hydroxide Solution	⇒	TOB/CT III	Tanker, Oils-Flashpoint on and below 60°C and Chemicals Type III	Designed for carriage of Oils, Sodium Hydroxide Solution and Molasses
EQUIP	TC II	Tanker, Chemicals Type II	⇒	CT II	Chemical Tanker Type II	
EQUIP	TLQA	Tanker, Liquids other than Oils Defined in MARPOL 73/78-Flashpoint above 60°C	⇒	TFLA	Tanker, Flammable Liquid-Flashpoint above 60°C	
EQUIP	TC II & III	Tanker, Chemicals Types II & III	⇒	CT II&III	Chemical Tanker Type II & III	
EQUIP	TM & C II & III	Tanker, Molasses and Chemicals Types II & III	⇒	CT II&III	Chemical Tanker Type II & III	Designed for carriage of Chemicals and Molasses
EQUIP	BC	Bulk Carrier	⇒	BC	Bulk Carrier	
EQUIP	OC	Ore Carrier	⇒	OC	Ore Carrier	
EQUIP	CC	Cement Carrier	⇒			Designed for carriage of Cement
EQUIP	LC	Limestone Carrier	⇒			Designed for carriage of Limestone
EQUIP	BC, SHC 2,4 E	Bulk Carrier, Strengthened for Heavy Cargoes Nos. 2 & 4 Holds may be empty	⇒	BC	Bulk Carrier	Strengthened for heavy cargo loading where holds nos.2 &4 may be empty
EQUIP	BC, SHC 2,4,6 E	Bulk Carrier, Strengthened for Heavy Cargoes Nos. 2,4 & 6 Holds may be empty	⇒	BC	Bulk Carrier	Strengthened for heavy cargo loading where holds nos.2,4 & 6 may be empty
EQUIP	BC, SHC 2,4,6,8,10 E	Bulk Carrier, Strengthened for Heavy Cargoes Nos. 2,4,6,8 & 10 Holds may be empty	⇒	BC	Bulk Carrier	Strengthened for heavy cargo loading where holds nos.2,4,6,8 & 10 may be empty
EQUIP	BC, SHC 2,4,6,8 E	Bulk Carrier, Strengthened for Heavy Cargoes Nos. 2,4,6 & 8 Holds may be empty	⇒	BC	Bulk Carrier	Strengthened for heavy cargo loading where holds nos.2,4,6 & 8 may be empty
EQUIP	ORE/COL C	Ore/Coal Carrier	⇒	OC, EQ C C	Ore Carrier, Equipped for Carriage of Coal	Designed for carriage of Ore and Coal
EQUIP	BC, SHC 3 E	Bulk Carrier, Strengthened for Heavy Cargoes No. 3 Holds may be empty	⇒	BC	Bulk Carrier	Strengthened for heavy cargo loading where hold no.3may be empty
EQUIP	BC, SHC 2,4 OR 1,3,5 E	Bulk Carrier, Strengthened for Heavy Cargoes Nos. 2 & 4 or 1,3 & 5 Holds may be empty	⇒	BC	Bulk Carrier	Strengthened for heavy cargo loading where holds nos.2 & 4 or nos. 1,3,& 5 may be empty
EQUIP	BC, SHC 2,4 OR 3 E	Bulk Carrier, Strengthened for Heavy Cargoes, Nos. 2 & 4 Holds or No.3 Hold may be empty	⇒	BC	Bulk Carrier	Strengthened for heavy cargo loading where holds nos.2,4 or no.3 may be empty
EQUIP	BC, SHC 1,4 E	Bulk Carrier, Strengthened for Heavy Cargoes Nos. 1 & 4 Holds may be empty	⇒	BC	Bulk Carrier	Strengthened for heavy cargo loading where holds nos.1 & 4 may be empty
EQUIP	BC, SHC 4 E	Bulk Carrier, Strengthened for Heavy Cargoes No. 4 Holds may be empty	⇒	BC	Bulk Carrier	Strengthened for heavy cargo loading where hold no.4 may be empty
EQUIP	BC, SHC 2,4,6 OR 1,3,5,7 E	Bulk Carrier, Strengthened for Heavy Cargoes Nos. 2,4 & 6 or 1,3,5 &7 Holds may be empty	⇒	BC	Bulk Carrier	Strengthened for heavy cargo loading where holds nos.2,4 & 6 or nos. 1,3,5 & 7 may be empty
EQUIP	COL C	Coal Carrier	⇒	EQ C C	Equipped for Carriage of Coal	Designed for carriage of Coal General Cargo having bilge hopper tank
EQUIP	SPC	Slag Powder Carrier	⇒			Designed for carriage of Slag Powder

Attachment 1 Comparison of Old and New Notations

KIND	Old Class Notation			New Class Notation & Descriptive Note		
	Abbreviation	Class Notation		Abbreviation	Class Notation	Descriptive Note
EQUIP	BC, SHC 1,4,6 E	Bulk Carrier, Strengthened for Heavy Cargoes Nos. 1,4 & 6 Holds may be empty	⇒	BC	Bulk Carrier	Strengthened for heavy cargo loading where holds nos.1,4 & 6 may be empty / Double hull construction applied to all cargo holds
EQUIP	BC, EQ CR	Bulk Carrier, Equipped for Carriage of Rice with Air Conditioning Systems 15°C and Humidity 70%	⇒	BCM	Bulk Carrier modified	Double hull construction applied to all cargo holds,Refrigerating installations equipped for carriage of rice
EQUIP	BC, SHC 1,3 E	Bulk Carrier, Strengthened for Heavy Cargoes Nos. 1 & 3 Holds may be empty	⇒	BC	Bulk Carrier	Strengthened for heavy cargo loading where holds nos.1,3 may be empty / Double hull construction applied to all cargo holds
EQUIP	BC, SHC 2,4,7 E	Bulk Carrier, Strengthened for Heavy Cargoes Nos. 2,4 & 7 Holds may be empty	⇒	BCM	Bulk Carrier modified	Strengthened for heavy cargo loading where holds nos.2,4 & 7 may be empty / Double hull construction applied to all cargo holds
EQUIP	MCR C	Motorcar Carrier	⇒	RORO, EQ C V	Roll on - Roll off Cargo Ship, Equipped for Carriage of Vehicles	Designed for carriage of motor vehicles
EQUIP	CNC	Container Carrier	⇒	CNC	Container Carrier	
EQUIP	LIV C	Livestock Carrier	⇒			Designed for carriage of Livestock
EQUIP	EQ CV	Equipped for Carriage of Vehicles	⇒	EQ C V	Equipped for Carriage of Vehicles	
EQUIP	VC	Vehicles Carrier	⇒	RORO, EQ C V	Roll on - Roll off Cargo Ship, Equipped for Carriage of Vehicles	Designed for carriage of motor vehicles
EQUIP	VC	Vehicles Carrier	⇒	VC	Vehicles Carrier	
EQUIP	EQ C CN	Equipped for Carriage of Containers	⇒			Designed for carriage of Containers
EQUIP	VC, EQ CCN	Vehicles Carrier, Equipped for Carriage of Containers	⇒	RORO, EQ C V	Roll on - Roll off Cargo Ship, Equipped for Carriage of Vehicles	Designed for carriage of Containers
EQUIP	V/BCC	VEHICLES/BULK CARGOES CARRIER	⇒	BC	Bulk Carrier	Designed for carriage of motor vehicles
EQUIP	RORO	Roll on - Roll off Cargo Ship	⇒	RORO	Roll on - Roll off Cargo Ship	
EQUIP	RORO, EQ C CN	Roll on - Roll off Cargo Ship, Equipped for Carriage of	⇒	RORO	Roll on - Roll off Cargo Ship	Designed for carriage of Containers
EQUIP	RORO, EQ CV	Roll on - Roll off Cargo Ship, Equipped for Carriage of Vehicles	⇒	RORO, EQ C V	Roll on - Roll off Cargo Ship, Equipped for Carriage of Vehicles	
EQUIP	T, VC	Trailer/Vehicles Carrier	⇒	RORO, EQ C V	Roll on - Roll off Cargo Ship, Equipped for Carriage of Vehicles	Designed for carriage of motor vehicles
EQUIP	EQ C CN & V	Equipped for Carriage of Containers and Vehicles	⇒	EQ C V	Equipped for Carriage of Vehicles	Designed for carriage of Containers
EQUIP	RORO, EQCCN & V	Roll on - Roll off Cargo Ship, Equipped for Carriage of Container and Vehicles	⇒	RORO, EQ C V	Roll on - Roll off Cargo Ship, Equipped for Carriage of Vehicles	Designed for carriage of Containers
EQUIP	V/RCC	Vehicles/Refrigerated Cargo Carrier	⇒	RORO, EQ C V	Roll on - Roll off Cargo Ship, Equipped for Carriage of Vehicles	Designed for carriage of refrigerated cargoes of minimum temperature -25 degree C in Nos. 5, 6 & 7 car deck spaces
EQUIP	TD -30°C	Design Temperature -30℃ for All Cargo Holds	⇒			Designed for carriage of refrigerated cargoes of minimum temperature: -30 degree C
EQUIP	TD -25°C	Design Temperature -25℃ for All Cargo Holds	⇒			Designed for carriage of refrigerated cargoes of minimum temperature: -25 degree C
EQUIP	RH -50 & -40	Refrigerated Hold, Design Temperature between –50 and -40	⇒			Designed for carriage of refrigerated cargoes of minimum temperature of between -50 and -40 degree C
EQUIP	T	Trawler	⇒	TR	Trawler	
EQUIP	W	Whaler	⇒	W	Whaler	
EQUIP	F	Fisher	⇒	F	Fisher	

Attachment 1 Comparison of Old and New Notations

KIND	Old Class Notation			New Class Notation & Descriptive Note		
	Abbreviation	Class Notation		Abbreviation	Class Notation	Descriptive Note
EQUIP	FRS	Fisheries Research Ship	⇒	FRS	Fisheries Research Ship	Designed for reserch purposes
EQUIP	FTS	Fisheries Training Ship	⇒	FTS	Fisheries Training Ship	Designed for training purposes
EQUIP	FT/RS	Fisheries Training/Research Ship	⇒	FT/RS	Fisheries Training / Research Ship	
EQUIP	FIV	Fishery Inspection Vessel	⇒	FIV	Fishery Inspection Vessel	
EQUIP	TP	Towing Purposes	⇒	TUG	Tug	
EQUIP	T & SP	Towing and Salvage Purposes	⇒	TUG	Tug	Designed for towing and salvage purposes
EQUIP	P & TP	Pushing and Towing Purposes	⇒	TUG	Tug	Designed for towing and pushing purposes
EQUIP	PP	Pushing Purposes	⇒	TUG	Tug	Designed for pushing purposes
EQUIP	PB	Pilot Boat	⇒			Pilot boat
EQUIP	SV	Supply Vessel	⇒	SV	Supply Vessel	
EQUIP	CBL S	Cable Ship	⇒	CBL S	Cable Ship	
EQUIP	D	Dredger	⇒	D	Dredger	
EQUIP	B	Barge	⇒	B	Barge	
EQUIP	HB	Hopper Barge	⇒	B	Barge	Hopper type
EQUIP	FC	Floating Crane	⇒	FC	Floating Crane	
EQUIP	BOB	Barge, Oils-Flashpoint below 60°C	⇒	BTOB	Barge, Tanker, Oils-Flashpoint on and below 60°C	
EQUIP	ET	Excrement Tanker	⇒	T	Tanker	Designed for carriage of Excrement
EQUIP	FRP H	FRP Hull	⇒	FRP	FRP	
EQUIP	CL	Cable Layer	⇒	CL	Cable Layer	Designed for cable laying
EQUIP	BOA	Barge, Oils-Flashpoint above 60°C	⇒	BTOA	Barge, Tanker, Oils-Flashpoint above 60°C	
EQUIP	P/T	Pusher/Tug	⇒	TUG	Tug	Designed for pushing purposes
EQUIP	T/S	Tug/Salvage	⇒	TUG	Tug	Designed for salvage purposes
EQUIP	TUG	Tug	⇒	TUG	Tug	
EQUIP	ES	Escort Ship	⇒			Escort ship
EQUIP	PLG B	Piling Barge	⇒	PLG B	Piling Barge	
EQUIP	T/S B	Tug/Salvage Boat	⇒	TUG	Tug	Designed for salvage purposes
EQUIP	T/SPL V	Tug/Supply Vessel	⇒	TUG	Tug	Designed for towing and offshore supply purposes
EQUIP	P	Pusher	⇒	TUG	Tug	Designed for pushing purposes
EQUIP	GSS	Geophysical Survey Ship	⇒	GSS	Geophysical Survey Ship	
EQUIP	GS/SV	Geological Survey/Supply Vessel	⇒	GS/SV	Geological Survey / Supply Vessel	
EQUIP	AHP	Anchor Handling Purposes	⇒	AHP	Anchor Handling Purposes	
EQUIP	WDS	Waste Dumping Ship	⇒	WDS	Waste Dumping Ship	
EQUIP			⇒	PAT B	Patrol Boat	
EQUIP	SS SBM	Support Ship for Submersible	⇒	EQ SS SBM	Equipped with Support System for Submersible	
EQUIP	T/GS/SV	Tug/Geological Survey/Supply Vessel	⇒	TUG	Tug	Designed for geological survey and off shore supply
EQUIP	SPR SBM 2000	Self-Propelled Submersible 2000m	⇒	SBM	Submersible	Design maximum submersible depth: 2,000 m
EQUIP	T/MB	Tug/Maintenance Boat	⇒	TUG	Tug	Designed for offshore maintenance purposes
EQUIP	BLN 10 & -196°C III G	Barge, Liquefied Nitrogen-Maximum Pressure 10kg/cm² and Minimum Temperature -196°C, Type III G	⇒	BLGC IIIG	Barge, Liquefied Gas Carrier Type IIIG	Designed for carriage of liquefied Nitrogen of maximum pressure: 10 kg/cm2 / minimum temperature: -196 degree C
EQUIP	SSC RS	Semi-Submergible Catamaran, Research Ship	⇒	SSC RS	Semi-Submergible Catamaran, Research Ship	Reserch ship
EQUIP	B,EQ OFEI	Barge, Equipped with Oil Fence Extending Installation	⇒	B	Barge	Equipped with oil fence extending installation

Attachment 1 Comparison of Old and New Notations

KIND	Old Class Notation			New Class Notation & Descriptive Note		
	Abbreviation	Class Notation		Abbreviation	Class Notation	Descriptive Note
EQUIP	TUG & AHP	Tug & Anchor Handling Purposes	⇒	TUG	Tug	Designed for anchor handling
EQUIP	MWB	Multipurpose Work Boat	⇒	MWB	Multipurpose Work Boat	
EQUIP	BLQA	Barge, Liquids other than Oils Defined in MARPOL 73/78-Flashpoint above 60°C	⇒	BTFLA	Barge, Tanker, Flammable Liquid-Flashpoint above 60°C	
EQUIP	OIL ST. BAR. BEL.	Oil Storage Barge, Oils Flashpoint below 61°C	⇒	STBOB61	Oil Storage Barge, Oils Flashpoint below 61℃	
EQUIP	SPR SBM 106	Self-Propelled Submersible 106m	⇒	SBM	Submersible	Design maximum submersible depth: 106 m
EQUIP	TB	Tank Barge	⇒	BT	Barge, Tanker	
EQUIP	RE S/SS SBM	Research Ship/Support Ship for Submersible	⇒	EQ SS SBM	Equipped with Support System for Submersible	Reserch ship
EQUIP	RE S/SS ROV	Research Ship/Support Ship for Remotely Operated Vehicle	⇒	RE S/SS ROV	Research Ship / Support Ship for Remotely Operated	
EQUIP	SPR SBM 6500	Self-Propelled Submersible 6500m	⇒	SBM	Submersible	Design maximum submersible depth: 6,500 m
EQUIP	ORS	Oceanography Research Ship	⇒	ORS	Oceanography Research Ship	
EQUIP	ST/SV	Sea Training/Supply Vessel	⇒	ST/SV	Sea Training / Supply Vessel	
EQUIP	CRN B	Crane Barge	⇒	FC	Floating Crane	
EQUIP	B EQ HC	Barge, Equipped with Heavy Crane	⇒	FC	Floating Crane	
EQUIP	HS ES	High Speed, Escort Ship	⇒	HS	High Speed	Escort ship
EQUIP	DSHD	Drag Suction Hopper Dredger	⇒	DSHD	Drag Suction Hopper Dredger	
EQUIP	CL, DPS A	Cable Layer, DPS A	⇒	CL, DPS A	Cable Layer, DPS A	
EQUIP	PS	Passenger Ship	⇒	PS	Passenger Ship	
EQUIP	VF	Vehicles Ferry	⇒	RORO, EQ C V	Roll on - Roll off Cargo Ship, Equipped for Carriage of Vehicles	Vehicles ferry
EQUIP	P/VF	Passenger/Vehicles Ferry	⇒	PS/RORO, EQ C V	Passenger Ship/Roll on Roll off, Equipped for Carriage of Vehicles	Passenegr / vehicles ferry
EQUIP	ALP	Aluminium Passenger	⇒	AL, PS	(Aluminum Alloy) (Passenger Ship)	
EQUIP	C,P/VF	Catamaran, Passenger/Vehicles Ferry	⇒	CAT, PS/RORO, EQ C V	Catamaran, Passenger Ship/Roll on Roll off, Equipped for Carriage of Vehicles	Passenegr / vehicles ferry
EQUIP	P/TS	Passenger/Training Ship	⇒	PS	Passenger Ship	Designed for training purposes
EQUIP	AL, HSP	Aluminium Alloy, High Speed Passenger	⇒	AL, HS P	(Aluminum Alloy)(High Speed Passenger)	
EQUIP	HS P	High Speed Passenger	⇒	HS P	High Speed Passenger	
EQUIP	C/PS	Cargo/Passenger Ship	⇒	PS/GC	Passenger Ship/General Cargo	
EQUIP	CSD	Column Stabilized Driling Unit	⇒	CSD	Column Stabilized Drilling Unit	
EQUIP	FD	Floating Dock	⇒	FD	Floating Dock	
EQUIP	SED	Self-Elevating Drilling Unit	⇒	SED	Self-Elevating Drilling Unit	
EQUIP	SEP	Self-Elevating Platform	⇒	SEP	Self-Elevating Platform	
EQUIP	P YACHT	Pleasure Yacht	⇒	YACHT	Yacht	
EQUIP	FRP YACHT	FRP Yacht	⇒	FRP, YACHT	(FRP)(Yacht)	
EQUIP	FRP P YACHT	FRP Hull, Pleasure Yacht	⇒	FRP, YACHT	(FRP)(Yacht)	
EQUIP	FRP PL YACHT	FRP Pleasure Yacht	⇒	FRP, YACHT	(FRP)(Yacht)	
EQUIP	AL PL YACHT	Aluminium Alloy Pleasure Yacht	⇒	AL, YACHT	(Aluminum Alloy)(Yacht)	

Attachment 2

ClassNK

Application for Classification and Statutory Services
Form 1A(Rev. July 2003)

APPLICATION FOR CLASSIFICATION AND STATUTORY SERVICES DURING CONSTRUCTION

To: NIPPON KAIJI KYOKAI

Application Document No.:		Application Date:	

APPLICANT

Name: Address:		Signature and Official Stamp of Applicant:
		Name in Block Capitals:
TEL:	FAX:	Position in Company:

We hereby request you to carry out the survey for registration and to issue the certificates described in the attached Form 1A-ATT1. This request is made on the basis that we accept the provisions of *REGULATIONS 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. 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-ATT2.*

Shipbuilder: Name Address	☐ Same as applicant. *(If the shipbuilder is the same person as the above applicant, please tick this box without filling in the name and address of the shipbuilder.)*	**Yard/Hull Number:**	
		Date of building contract:	
Prospective Owner Name Address		**Date of Keel laying:** **Date of Launch:** **Date of Completion:** (Estimated Dates)	
Proposed flag:		**Port of registry:**	
Type of ship:		**Estimated gross tonnage:**	
Intended area of navigation:	☐ International / ☐ Non-international ☐ Ocean going / ☐ Not ocean going *(Please enter specified navigation area)*		

REGISTRATION

Classification during construction	Classification Characters and Notations for which applying:	NS*
	Character of Main Propulsion Machinery:	MNS*
	Descriptive Note(s)	
	Other Descriptive Note(s):	☐ n.s. ☐ n.f. ☐ CoC ☐ IWS ☐ Other:
Registration of installations during construction	☐ Safety Equipment ☐ Cargo Handling Appliances ☐ Marine Pollution Prevention Installations ☐ Automatic and Remote Control Systems (☐ MC, ☐ M0, ☐ M0-A, ☐ M0-B, ☐ M0-C, ☐ M0-D) ☐ Navigation Bridge Systems (☐ BRS, ☐ BRS1, ☐ BRS1A) ☐ Integrated Fire Control Systems (☐ IFC-M, ☐ IFC-A, ☐ IFC-AM) ☐ Cargo Refrigerating Installations (☐ RMC, ☐ RMC-CA) ☐ Other:	☐ Radio Installations ☐ Crew Accommodation Arrangements ☐ Preventive Machinery Maintenance Systems

Billing Contact *(Please fill in if the billing contact is different from the above applicant.)*

Name: Address:		Signature and Official Stamp:
TEL:	FAX:	Name in Block Capitals:

Attachments: ☐ Form 1A-ATT1 ☐ Form 1A-ATT2 ☐ Form 1A-ATT3 ☐ Form 1A-ATT4-1 ☐ Form 1A-ATT4-2
Submit later: ☐ Form 1A-ATT1 ☐ Form 1A-ATT2 ☐ Form 1A-ATT3 ☐ Form 1A-ATT4-1 ☐ Form 1A-ATT4-2

Remarks: 1. Please send this form to the nearest ClassNK branch office.
2. If the items specified in the above is not decided at the time of the application, please fill in the relevant columns as "Undecided".
3. If the items filled in this form have been changed or if undecided items have been determined, please inform the nearest ClassNK branch office of them.

For NK internal use.	*Date received*		*Receipt No.*	

ClassNK

Application for Classification and Statutory Services
Form 1A-ATT1(Rev. July 2003)

Attachment 1

Application Document No.	

Shipbuilder		Yard/Hull Number	

Issuance of Certificates

International Convention Certificates	☐ Load Line (*Please fill in the boxes of the main particulars of load lines using separate Form 1A-ATT2.)* ☐ Cargo Ship Safety Construction ☐ Cargo Ship Safety Equipment ☐ Cargo Ship Safety Radio ☐ Passenger Ship Safety ☐ Grain Loading Booklet ☐ Oil Pollution Prevention ☐ Pollution Prevention Certificate for the Carriage of Noxious Liquid Substances in Bulk ☐ Fitness for the Carriage of Dangerous Chemicals in Bulk ☐ Fitness for the Carriage of Liquefied Gases in Bulk ☐ Fitness for Ship Carrying Dangerous Goods *(Please fill in the boxes of the main particulars of dangerous goods using separate Form 1A-ATT3.)* ☐ Exemption (☐ Fixed Fire-extinguishing System) ☐ Sewage Pollution Prevention ☐ Other (Please specify):
Tonnage Certificates	☐ International Tonnage ☐ National Tonnage (Applicable rule:) ☐ Suez Canal ☐ PC/UMC Documentation of total volume
Assignments	☐ Freeboard ☐ Incinerator* ☐ Lift for Crew, Etc.* (*: Applies to Japanese flag vessels only.)
Cargo Gear Certificate, etc. *(Please indicate main particulars of cargo gear on separate Form 1A-ATT4-1.)*	☐ Cargo Gear Book ☐ Cargo Gear Certificate ☐ Derrick ☐ Derrick for Union Purchase ☐ Crane ☐ Ramp-way, Lift for Cargo ☐ Loose gear (except rope) ☐ Rope ☐ Other (Please specify): ☐ GN ☐ JP* ☐ PK* ☐ Other*: ☐ GN ☐ JP ☐ PK* ☐ Other*: GN: Form for Non-Japanese Flag vessels JP: Form for Japanese Flag vessels PK: Form for Pakistani service *(* These forms are to be prepared by the applicant.)*
Certificate for Fitness for BC Code	☐ Appendix A cargoes (☐ with / ☐ without restrictions on moisture content of cargoes) ☐ Appendix C cargoes ☐ Appendix B cargoes *(Please list all cargoes. If insufficient space, please continue on separate sheet.)*
Certificate of fitness for national regulations of flag State *(Please indicate requirements that apply in space provided.)*	
Document of Compliance for a Non-party to a Convention	☐ Cargo Ship Safety Construction ☐ Cargo Ship Safety Equipment ☐ Cargo Ship Safety Radio ☐ Pollution Prevention Certificate for the Carriage of Noxious Liquid Substances in Bulk ☐ Oil Pollution Prevention ☐ Other (Please specify):
Certificate of Compliance with MARPOL Annexes not yet in force	☐ Annex VI (Regulation 13)
Certificate(s) for USCG Requirements	☐ Pollution Prevention ☐ Foreign Flag Gas Carrier ☐ Vapor Emission Control ☐ Other (Please specify):
Other Certificate(s)	☐ ILO Crew Accommodation ☐ Attestation of Load Lines ☐ Attestation of Deadweight ☐ Certificate of Keel Laying ☐ Other (Please specify):

ClassNK

Application for Classification and Statutory Services
Form 1A-ATT2(Rev. July 2003)

Attachment 2

Application Document No.	

Shipbuilder		Yard/Hull Number	

Main Particulars of Ship (No.1)

MAIN PARTICULARS OF HULL

Lpp x B x D (meters):	X X	Deadweight:	☐ Coal Carrying
Special Rules to be applied:	☐ Part CS ☐ Part P ☐ Part Q ☐ Part T ☐ Others ( )	Fishing vessel [2] Type: Restrictions:	Dual class [3]:
Yard/Hull Number of Sister ship(s) [1]:			

1. Complete if classification during construction. 2. Complete if ship is Japanese-flag vessel. 3. If dual class, please specify name of other classification society.

MAIN PARTICULARS OF MACHINERY

Main Engine	Number-Type-Model:	- -	
	Maximum Output [1]- Revolutions per minute:	kW-PS - RPM	
	Manufacturer Workshop:		
Propeller Shaft	Type:	☐ 1A ☐ 1B ☐ 1C ☐ 2	☐ PSCM
Propeller	Number-Type-RPM:	- - RPM	
Boiler ☐ Main ☐ Auxiliary	Number Maximum Working Pressure [1]:	- MPa-kg/cm^2	
	Manufacturer:		
Generator	Total Output:	kVA	

1. Please delete as appropriate. If ship is Japanese-flag vessel, please select SI unit.

MAIN PARTICULARS OF LOAD LINES

Type of Ship:	☐ A ☐ B ☐ B+ ☐ B-60 ☐ B-100	Timber Freeboard:	☐ Yes ☐ No
Intended freeboard (meters):		Multiple Load Line System:	☐ Yes ☐ No

PERMITTED NUMBER OF PERSONS TO BE ACCOMODATED

Maximum number of persons accommodated:	Total No.: (Passenger: Crew: Other:)

MAIN PARTICULARS OF CARGO REFRIGERATING INSTALLATIONS

(Please complete when requesting to register the refrigerating installations.)

Intended Notation:					
Type of Refrigerant:		Cooling System:		Total Capacity of Cargo Chamber:	

ClassNK

Application for Classification and Statutory Services
Form 1A-ATT3(Rev. July 2003)

Attachment 3

Application Document No.	

Shipbuilder		Yard/Hull Number	

Main Particulars of Ship (No.2)

MAIN PARTICULARS OF CARRIAGE OF DANGEROUS GOODS

Solid Dangerous Goods in Bulk	Where loaded:	☐ Cargo Hold No.: ☐ Other (Please specify):
	Class of Dangerous Goods:	☐ 4.1 ☐ 4.2 ☐ 4.3 ☐ 5.1 ☐ 6.1 ☐ 8 ☐ 9 ☐ Loading restrictions for Specified Cargo[1]:
Other Dangerous Goods	Where loaded:	☐ Weather Deck ☐ Cargo Hold No.: ☐ Other (Please specify):
	Class of Dangerous Goods:	☐ 1.1-1.6 ☐ 1.4S ☐ 2.1 ☐ 2.2 ☐ 2.3 ☐ 3.1, 3.2 ☐ 3.3 ☐ 4.1 ☐ 4.2 ☐ 4.3 ☐ 5.1 ☐ 5.2 ☐ 6.1 (All) ☐ 6.1 (liquid: flashpoint (°C) ☐ below 23° ☐ between 23° and 61° ☐ over 61° ☐ solid ☐ 8 (All) ☐ 8 (liquid: flashpoint (°C) ☐ below 23° ☐ between 23° and 61° ☐ over 61° ☐ solid ☐ 9 ☐ Loading restrictions for Specified Cargo[1]:

1. Please complete when restrictions apply to loading of specified cargo in order to meet relevant requirements.

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Application for Classification and Statutory Services
Form 1A-ATT4-1(Rev. July 2003)

Attachment 4-1

Application Document No.	

Shipbuilder		Yard/Hull Number	

Main Particulars of Cargo Gear

CARGO GEAR Derrick/Crane

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

UNION PURCHASE *Please also complete the separate Form 1A-ATT4-2 entitled "Data sheet for Union Purchase".*

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

RAMPS/LIFT for Cargo

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

ClassNK

Application for Classification and Statutory Services
Form 1A-ATT4-2(Rev. July 2003)

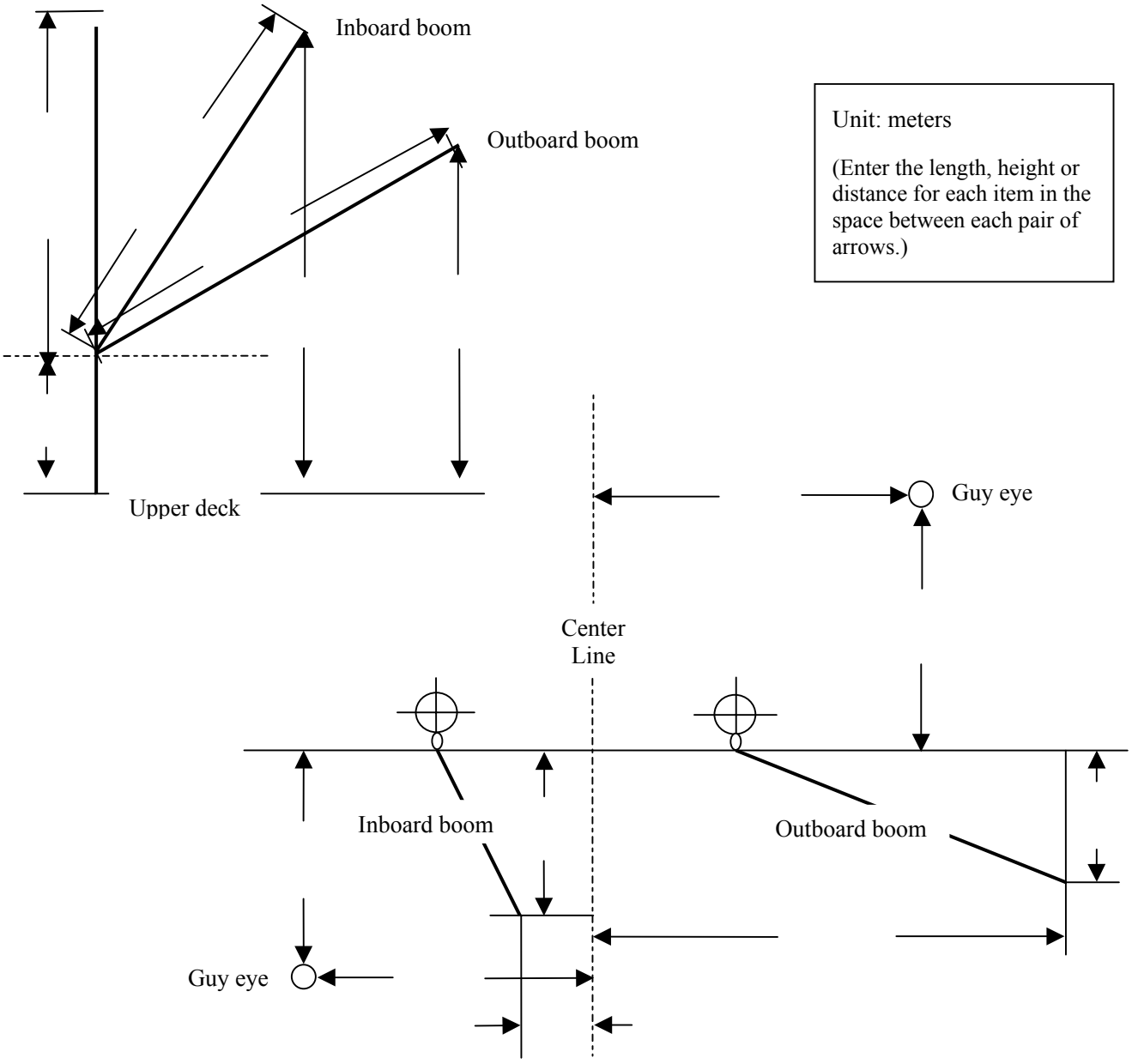
Attachment 4-2

Application Document No.	

Shipbuilder		Yard/Hull Number	

Datasheet for Union Purchase (*1), (*2)

- Location of Derricks: Fore / Aft of hatch no. ( ).
- Distance of lower guy eyes from upper deck (*3): Inboard boom ( ) meters
  Outboard boom ( ) 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 boom ϕmm × mm
  Outboard boom ϕmm × mm



Unit: meters

(Enter the length, height or distance for each item in the space between each pair of arrows.)

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

Attachment 3

ClassNK

Application for Classification and Statutory Services
Form 3A(Rev. July 2003)

APPLICATION FOR CLASSIFICATION AND STATUTORY SERVICES FOR AN EXISTING SHIP

To: NIPPON KAIJI KYOKAI

Application Document No.:		Application Date:	

APPLICANT

Name: Address:				Signature and Official Stamp of Applicant:
				Name in Block Capitals:
TEL:		FAX:		Position in Company:

We hereby request you to carry out the survey for registration and to issue the certificates described in the attached Form 1A-ATT1. This request is made on the basis that we accept the provisions of *REGULATIONS 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. 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-ATT2.*

Name of Ship			**IMO No.**	
Shipbuilder: Name Address			**Date of Keel Laying:**	
Yard/Hull Number:			**Date of Launch:** **Date of Completion:**	
Flag:		**Port of registry:**		
Type of ship:		**Gross tonnage:**		
Survey Schedule	From: To:		At:	
Intended area of navigation:	☐ International / ☐ Non-international ☐ Ocean going / ☐ Not ocean going *(Please enter specified navigation area)*			

REGISTRATION

Classification not built under the Society's survey	Classification Characters and Notations for which applying:	NS
	Character of Main Propulsion Machinery:	MNS
	Descriptive Note(s)	
	Other Descriptive Note(s):	☐ n.s. ☐ n.f. ☐ CoC ☐ IWS ☐ Other:
Registration of Installations not built under the Society's survey	☐ Safety Equipment ☐ Cargo Handling Appliances ☐ Marine Pollution Prevention Installations ☐ Automatic and Remote Control Systems (☐ MC, ☐ M0, ☐ M0-A, ☐ M0-B, ☐ M0-C, ☐ M0-D) ☐ Navigation Bridge Systems (☐ BRS, ☐ BRS1, ☐ BRS1A) ☐ Integrated Fire Control Systems (☐ IFC-M, ☐ IFC-A, ☐ IFC-AM) ☐ Cargo Refrigerating Installations (☐ RMC, ☐ RMC-CA) ☐ Other:	☐ Radio Installations ☐ Crew Accommodation Arrangements ☐ Preventive Machinery Maintenance Systems

Billing Contact *(Please fill in if the billing contact is different from the above applicant.)*

Name: Address:				Signature and Official Stamp:
TEL:		FAX:		Name in Block Capitals:

Attachments: ☐ Form 1A-ATT1 ☐ Form 1A-ATT2 ☐ Form 1A-ATT3 ☐ Form 1A-ATT4-1 ☐ Form 1A-ATT4-2

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 the items filled in this form have been changed or if undecided items have been determined, please inform the nearest ClassNK branch office of them.

For NK internal use.	*Date received*		*Receipt No.*	