

DOCUMENT OF COMPLIANCE FOR THE CARRIAGE OF DANGEROUS GOODS



REPÚBLICA
PORTUGUESA
THE PORTUGUESE
REPUBLIC

Issued in pursuance of the requirement of regulation II-2/54.3 of the International Convention for Safety of Life at Sea, 1974, as amended under the authority of the Government of

THE PORTUGUESE REPUBLIC

by **DNV GL**

Particulars of Ship

Name of Ship:	AS FRIDA
Distinctive Number or Letters:	CQIW5
Port of Registry:	MADEIRA
Type of Ship:	Container ship
Date on which keel was laid	2002-06-25
IMO Number:	9248928

This is to certify:

- That the construction and equipment of the above mentioned ship was found to comply with the provisions of regulation II-2/19.3 as applicable according to II-2/1.2.4 of the International Convention for the Safety of Life at Sea, 1974, as amended.
- That the ship is suitable for the carriage of those classes of dangerous goods specified in the appendix hereto, subject to any provisions in the IMDG Code for individual substances, materials or articles also being complied with.

This document is valid until **2023-03-31**.

Issued at **Zhoushan, China** on **2018-03-30**



for **DNV GL**

This document is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication can be obtained from trust.dnvgl.com by using the Unique Tracking Number (UTN): n1126123-vbz and ID: G110385

Yi Jeff Huang
Surveyor

There are no special requirements in the above-mentioned regulation II-2/19 for the carriage of dangerous goods of classes 6.2 and 7, and for the carriage of dangerous goods in limited quantities, as required in chapter 3.4 of the IMDG Code, and excepted quantities, as required in chapter 3.5 of the IMDG Code.



Endorsement where the renewal survey has been completed and regulation I/14(d) applies *ERC*

The ship complies with the relevant requirements of the Convention, and this Certificate shall, in accordance with regulation I/14(d) of the Convention, be accepted as valid until

Place: Date:

Signature:

Stamp _____ Surveyor, DNV GL

Endorsement to extend the validity of the Certificate until reaching the port of survey or for a period of grace where regulation I/14(e) or I/14(f) applies *EEV*

This Certificate shall, in accordance with regulation I/14(e) or I/14(f)¹ of the Convention, be accepted as valid until

Place: Date:

Signature:

Stamp _____ Surveyor, DNV GL

Endorsement for advancement of anniversary date where regulation I/14(h) applies *EAA*

In accordance with regulation I/14(h) of the Convention, the new anniversary date is

Place: Date:

Signature:

Stamp _____ Surveyor, DNV GL

In accordance with regulation I/14(h) of the Convention, the new anniversary date is

Place: Date:

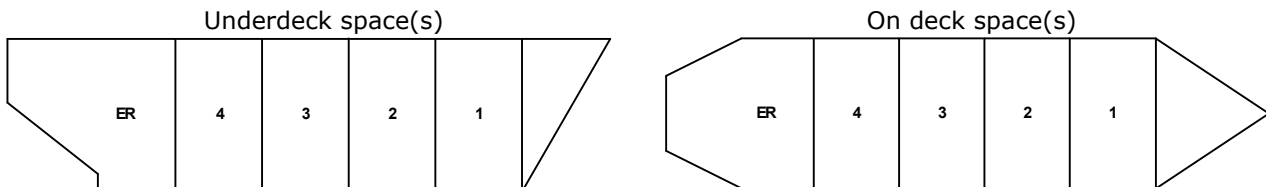
Signature:

Stamp _____ Surveyor, DNV GL

¹ Delete as appropriate.

Sketch of the vessel

Cargo spaces indicated in the sketch are corresponding with the table(s) hereafter

**Packaged goods**

Class	Underdeck space(s)					On deck space(s)			
	1 to 3	4				ER ¹⁾	1 to 4		
1.1 to 1.6	X	X				X	P		
1.4S	P	P				P	P		
2.1 hydrogen and hydrogen mixtures exclusively	X	X				X	P		
2.1 other than hydrogen and hydrogen mixtures	X	X				X	P		
2.2	P	P				X	P		
2.3 flammable	X	X				X	P		
2.3 non-flammable	X	X				X	P		
3 FP < 23°C	X	X				X	P		
3 23°C ≤ FP ≤ 60°C	P	P				X	P		
4.1	P	P				X	P		
4.2	P	P				X	P		
4.3 liquids	P ¹⁾	P ¹⁾				X	P		
4.3 solids	P	P				X	P		
5.1	P	P				P ²⁾	P		
5.2	X	X				X	P		
6.1 liquids FP < 23°C	X	X				X	P		
6.1 liquids 23°C ≤ FP ≤ 60°C	X	X				X	P		
6.1 liquids FP > 60°C	X	X				P	P		
6.1 solids	P	P				P	P		
8 liquids FP < 23°C	X	X				X	P		
8 liquids 23°C ≤ FP ≤ 60°C	P ²⁾	P ²⁾				X	P		
8 liquids FP > 60°C	P ²⁾	P ²⁾				P	P		
8 solids	P	P				P	P		
9 goods evolving flammable vapour exclusively	X	X				P	P		
9 other than goods evolving flammable vapour	P	P				P	P		

P Indicates PACKAGED GOODS PERMITTED**C** Indicates IN CLOSED FREIGHT CONTAINERS OR PORTABLE TANKS PERMITTED**X** Indicates NOT PERMITTED

Remarks:

Underdeck space(s):

- 1) Except goods having a flashpoint less than 23°C listed in the IMDG Code.
- 2) Except goods having a subsidiary risk class 6.1.

On deck space(s):

- 1) Stowage applicable between frame no. 20 and 42.
- 2) Except goods for which stowage "protected from sources of heat" is stipulated by the IMDG Code.

Solid bulk cargoes

Bulk cargo shipping name	Class	Underdeck space(s)					
ALUMINIUM FERROSILICON POWDER UN 1395	4.3						
ALUMINIUM NITRATE UN 1438	5.1						
ALUMINIUM SILICON POWDER, UNCOATED UN 1398	4.3						
ALUMINIUM SMELTING BY-PRODUCTS or REMELTING BY-PRODUCTS UN 3170	4.3						
AMMONIUM NITRATE BASED FERTILIZER UN 2067	5.1						
AMMONIUM NITRATE BASED FERTILIZER UN 2071	9						
AMMONIUM NITRATE UN 1942	5.1						
BARIUM NITRATE UN 1446	5.1						
CALCIUM NITRATE UN 1454	5.1						
CASTOR BEANS UN 2969	5.1						
COPRA (dry) UN 1363	4.2						
FERROSILICON UN 1408	4.3						
FERROUS METAL BORING, SHAVINGS, TURNINGS or CUTTINGS UN 2793	4.2						
FISHMEAL (FISHSCRAP), STABILIZED UN 2216	9						
IRON OXIDE, SPENT or IRON SPONGE, SPENT UN 1376	4.2						
LEAD NITRATE UN 1469	5.1						
MAGNESIUM NITRATE UN 1474	5.1						
METAL SULPHIDE CONCENTRATES, CORROSIVE UN 1759	8						
POTASSIUM NITRATE UN 1486	5.1						
SEED CAKE UN 2217	4.2						
SEED CAKE, containing vegetable oil UN 1386 (a)	4.2						
SEED CAKE, containing vegetable oil UN 1386 (b) mechanically expelled seeds	4.2						
SEED CAKE, containing vegetable oil UN 1386 (b) solvent extracted seeds	4.2						
SODIUM NITRATE UN 1498	5.1						
SODIUM NITRATE AND POTASSIUM NITRATE MIXTURE UN 1499	5.1						
SULPHUR UN 1350	4.1						
ZINC ASHES UN 1435	4.3						

B Indicates SOLID BULK CARGOES PERMITTED
X Indicates NOT PERMITTED

Remarks:

None.

List of equipment

According to the provisions of regulation 19.3 as applicable according to II-2/1.2.4

Para	Requirement	Equipment provided
1.1	Compliance with reg. 10.7.2	Hold 1 to 4: Fixed CO2 system
3.1.1	Immediate supply of water	Remote start of the main fire pumps from the navigation bridge
3.1.2	Quantity of water and arrangement of hydrants	Provided
3.1.3	Water cooling	Not provided
3.1.4	Cargo hold flooding	Not provided
3.2	Sources of ignition	Explosion protection of electrical equipment in Hold 1 to 4: all electrical equipment non-ex.-proof
3.3	Detection system	Hold 1 to 4: Sample extraction smoke detection and alarm system
3.4.1	Mechanical ventilation	Hold 1 to 4: Six air changes/h (Exhaust from upper and lower part)
3.4.2.1	Safety of fans	Not provided
3.4.2.2	Wire mesh guards	Not provided
3.4.3	Natural ventilation	Not applicable
3.5	Bilge pumping	Not provided
3.6.1	Full protective clothing	Four sets
3.6.2	Additional self-contained breathing apparatuses	Two sets in addition to fire-fighter's outfits
3.7	Portable fire extinguishers	Additional total of 12 kg dry powder
3.8	Insulation of machinery space boundaries	Hold 4: Located adjacent to engine room bulkhead (not insulated) On deck space between frame no. 20 and 42: Located above engine room (deck(s) not insulated)
3.9	Water spraying system	Not applicable
3.10	Separation of ro-ro spaces	Not applicable