# Cargo Record Book\*

for Ships carrying Noxious Liquid Substances in Bulk



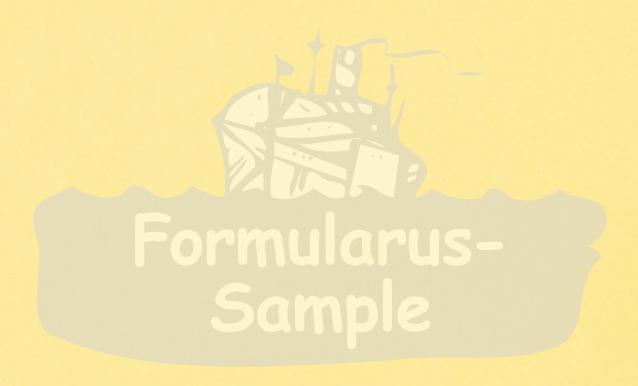
MEPC.270(69), in force 01.09.2017, incl. Polar Code requirements incl. excerpt from German See-Umweltverhaltensverordnung (SeeUmwVerhV)

Name of vessel:	
Period: From:	to:
IMO-Number:	IMO Company ID #
Distinctive number of letter:	Gross tonnage:

Checked, unchanged: 11.07.2018; last revision: 01.03.2018

\*) according to the International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978 relating thereto, as amended. Latest amendments in force for the Federal Republic of Germany on January 1st, 2015.





Name of ship:		
Distinctive number or letters:		

### Plan view of cargo and slop tanks

(to be completed on board)

	Identification of the Capacity tanks	Identification of the Capacity tanks
/		
	rmillarij	<b>S-</b>
	Sample	
	Julihie	
Pump-room		
\ /		
\ /		
\ /		
\ /	(Give the capacity of eac	h tank in cubic metres)

#### List of items to be recorded

Entries are required for operations involving all Categories of substances

#### A Loading of cargo

- Place of loading.
- Identify tank(s), name of substance(s) and Category(les).

#### B Internal transfer of cargo

- Name and Category of cargo(es) transferred.
- 4. Identity of tanks;
  - .1 from:
  - .2 to:
- 5. Was (were) tank(s) in 4.1 emptied?
- If not, quantity remaining in tank(s).

#### C Unloading of cargo

- Place of unloading.
- 8. Identity of tank(s) unloaded.
- 9. Was (were) tank(s) emptied?
  - .1 If yes, confirm that the procedure for emptying and stripping has been performed in accordance with the ship's Procedures and Arrangements Manual (i.e., list, trim, stripping temperature).
  - 2 If not, quantity remaining in tank(s).
- 10. Does the ship's Procedures and Arrangements Manual require a prewash with subsequent disposal to reception facilities?
- 11. Failure of pumping and/or stripping system.
  - .1 time and nature of failure.
  - .2 reasons for failure.
  - .3 time when system has been made operational.

### D Mandatory prewash in accordance with the ship's Procedures and Arrangements Manual

- Identify tank(s), substance(s) and Category(ies).
- Washing method:
  - .1 number of cleaning machines per tank.
  - .2 duration of wash/washing cycles.
  - .3 hot/cold wash.
- 14. Prewash slops transferred to:
  - .1 reception facility in unloading port (identify port)\*1.
  - .2 reception facility otherwise (identify port)\*.

## E Cleaning of cargo tanks except mandatory prewash (other prewash operations, final wash, ventilation etc.)

- State time, identify tank(s), substance(s) and category(ies) and state:
  - .1 washing procedure used.
  - .2 cleaning agent(s) [identify agent(s) and quantities]
  - .3 ventilation procedure used (state number of fans used, duration of ventilation).
- 16. Tank washing transferred:
  - .1 into the sea.
  - .2 to reception facility (identify port)\*.
  - .3 to slops collecting tank (identify tank).

#### F Discharge into the sea of tank washings

- 17. Identify tank(s):
  - .1 were tank washings discharged during cleaning of tank(s)? If so at what rate?
- 1 Ship's masters should obtain from the operator of the reception facilities, which include barges and tank trucks, a receipt or certificate specifying the quantity of tank washings transferred, together with the time and date of the transfer. The receipt or certificate should be kept together with dargo record book.

- .2 were tanks washing(s) discharged from a slops collecting tank? If so, state quantity and rate of discharge.
- 18. Time pumping commenced and stopped.
- Ship's speed during discharge.

#### G Ballasting of cargo tanks

- 20. Identity of tank(s) ballasted.
- Time at start of ballasting.
- H Discharge of ballast water from cargo tanks
  - 22. Identity of tank(s).
  - 23. Discharge of ballast:
    - .1 into the sea.
    - .2 to reception facilities (identify port)\*.
  - Time ballast discharge commenced and stopped.
  - 25. Ship's speed during discharge.

#### Accidental or other exceptional discharge

- 26. Time of occurence.
- Approximate quantity, substance(s) and Category(ies).
- Circumstances of discharge or escape and general remarks.

#### J Control by authorized surveyors

- 29. Identify port.
- Identify tank(s), substance(s), category(ies) discharged ashore.
- 31. Have tank(s), pump(s), and piping system(s) been emptied?
- Has a prewash in accordance with the ship's Procudures and Arrangements Manual been carried out?
- 33. Have tank washings resulting from the prewash been discharged ashore and is the tank empty?
- 34. An exemption has been granted from mandatory prewash.
- 35. Reasons for exemption.
- 36. Name and signature of authorized surveyor.

K Additional operational procedures and remarks

 Organization, company, government agency for which surveyor works.



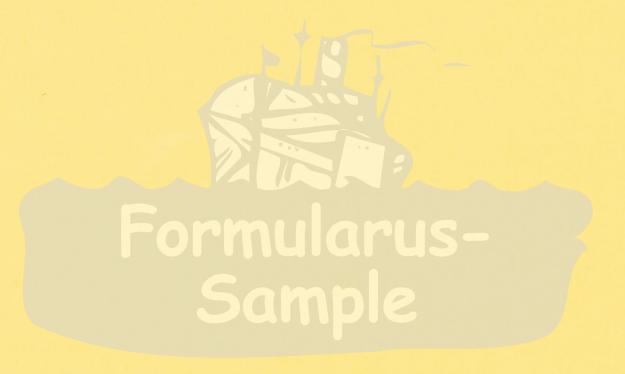
Name of ship:			
Distinctive number or letters:			IMO number:
CARGO/BALLAST OPERATI			THE TRANSPORT
Date	Code (letter)	Item (number)	Record of operations/signature of officer in charge/name of and signature of authorized surveyor
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Signature of master

Name of ship:						
Distinctive number or letter	18:		IMO number:			
CARGO/BALLAST OPERATIONS						
Date	Code (letter)	Item (number)	Record of operations/signature of officer in charge/name of and signature of authorized surveyor			
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Signature of master



# Appendices to annex II APPENDIX 1

#### Guidelines for the categorization of noxious liquid substances\*

Products are assigned to Pollution Categories based on an evaluation of their properties as reflected in the resultant GESAMP Hazard Profile as shown in the table below:

Rule	A1	A2	B1	B2	D3	E2	Cat
	Bioaccumulation	Biodegradation	Acute toxicity	Chronic toxicity	Long-term health	Effects on marine wildlife	
					effects	and on benthic habitats	
1			≥ 5				
2	≥4		4	THE STATE OF THE S			×
3	MA, CESSES	NR	4			RESERVED TO THE STATE OF THE ST	^
4	≥ 4	NR		CMRTNI		STATE OF THE STATE	
5		THE RESERVE	4				
6			3		KARAMETER 3		
7			2	THE REPORT OF THE PARTY OF THE			
8	≥ 4	NR		Not 0			Y
9	THE STREET			≥1		CHEST WINDS TO THE	
10						Fp,F or S If not Inorganic	
11					CMRTNI		
12	Any product not me	eeting the criteria of	rules 1 to 11 and 13				Z
13		ed as: <2 in column other columns of the			3; not Fp, F or S (if r	not organic) in column E2;	os

# Abbreviated legend to the revised GESAMP Hazard Evaluation Procedure

		Columns A an	d B - Aquatic Environmen		
		A		В	
	Bioa	ccumulation and Biodegrad	dation	Aquatic	Toxicity
Numerical	A	· ·	A 2*	B 1*	B 2*
Rating	Bioaccu	mulation		Acute Toxicity	Chronic Toxicity
	log Pow	BCF	Biodegradation	LC/EC/IC50 (mg/l)	NOEC(mg/l)
0	<1 or> ca. 7	not measurable		>1000	>1
1	≥1 - <2	≥1 -<10	R: readily	>100 - ≤1000	>0.1 - ≤1
2	≥2 - <3	≥10 - <100	biodegradable	>10 - ≤100	>0.01 – ≤0.1
3	≥3 - >4	≥100 - <500	NR: not readily	>1 - ≤10	>0.001 - ≤0.01
4	≥4 - >5	≥500 - <4000	Biodegradable	>0.1 - ≤1	≤0.001
5	≥5	≥4000		>0.01 - ≤0.1	
6				≤0.01	

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		Columns C and I	D - Human Health (To	oxic effects to mamma	als)	
CAMPTERS		C		D		
<b>可</b> 造三众人的第	A	cute Mammalian Toxic	Irritation, Co	Irritation, Corrosion & Long term health effects		
Numerical Ratings	C 1 Oral Toxicity LD50 (mg/kg)	C 2 Percutaneous Tox- icity LD50 (mg/kg)	C 3 Inhalation Toxicity LC50 (mg/l)	D 1 Skin irritation & corrosion	D 2 Eye irritation & corrosion	D 3* Long term health effects
0	>2000	>2000	>20	not irritating	not irritating	C - Carcinogen
1	>300 - ≤2000	>1000 - ≤2000	>10 - ≤20	mildly irritating	mildly irritating	M - Mutagenic
2	>50 - ≤300	>200 - ≤1000	>2 - ≤10	irritating	irritating	R - Reprotoxic
3	>5 - ≤300	>50 - ≤200	>0.5 - ≤2	3 Severely irritating or corrosive 3A Corr. (≤4hr) 3B Corr. (≤1hr) 3C Corr. (≤3m)	severly irritating	S - Sensitizing A - Aspiration haz. T - Target organ systemic toxicity L - Lung injury
4	≤5	≤50	≤0.5			N - Neurotoxic i - Immunotoxic

	Column E Interferences with	other Uses of the	Sea
E 1 Tainting	E 2* Physical effects on Wildlife & benthic	/ildlife & benthic	
	habitats	Numerical Rating	Description & Action
NT: not tainting (tested) T: tainting test positive		0	no interference no warning
S: Sinking Substances	S: Sinking Substances		slightly objectionable warning, no closure of amenty
	2	moderately objectionable possible closure of amenty	
These columns are used to define Pollution Categories		3	highly objectionable closure of amenty

