

Federal Public Health Authority Belgium



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Port Health officer
Port of Antwerp



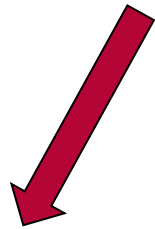
The Federal Port Health Authority in Belgium

Is called

Saniport



Saniport



**Saniport
Airport**



**Saniport
Seaports**



Saniport Airports:

- **9 inspectors**
- **Point of entry:
Brussels Airport Zaventem**



Saniport Seaports:

- 5 inspectors
- Points of entry:
 - Antwerpen
 - Gent
 - Zeebrugge
 - Oostende
 - Nieuwpoort



Seaports: Total arriving vessels (2016)

Antwerpen	14473
Zeebrugge	8467
Oostende	3406
Gent	2891

Total	29237
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Saniport Missions



**1. Risk
assessment**

**2. Risk
prevention**



1. Risk Assessment:

Assessing if the conditions on board are a threat to national/international health.



Procedure :

Maritime Declaration of Health (MDH)

- Mandatory document (WHO-IHR/MSW)
- 24h before arrival
- Signed by Captain
- Sent to port of call via SAM (eMDH)



MDH

Maritime Declaration of Health

To be completed and submitted to the competent authorities by the masters of ships arriving from foreign ports.

Submitted at the port of	Date
Name of Ship or inland navigation vessel	IMO Number
Arriving from (Last port) *	Sailing to (Next port)
Nationality / Flag of vessel	Master's Name
International Gross Tonnage (GT)	International Net Tonnage (NT)
Has ship / inland navigation vessel visited an affected area identified by World Health Organization? YES / NO	
Port and date of visit (affected area)	
Number of crew members on board**	Number of passengers on board**

Health Questions	YES	NO
1. Has any person died on board during the voyage otherwise than as a result of an accident? If YES, state attached schedule. Total number of deaths 		
2. Is there on board or has there been during the international voyage, any case of disease which you suspect to be of an infectious nature?		
3. Has the total number of ill persons during the voyage been greater than normal / expected? How many ill persons?		
4. Is there any sick person on board now? If YES, state attached schedule.		
5. Was a medical practitioner consulted? If YES, state of medical treatment or advice provided in attached schedule.		
6. Are you aware of any condition on board which may lead to infection or the spread of disease?		
7. Has any sanitary measure (e.g. quarantine, isolation, disinfection or decontamination) been applied on board? If YES, specify type, place and date.		
8. Have any sick animals been found on board? If YES, where did they join the ship (if known)?		
9. Is there a sick animal or pet on board?		

Yonix 2, v01a ed 11.08.2009 date:

MDH

Sheet 1 of 2

valid till	
Re-inspection required?	YES NO
Last analysis of the drinking water / Date:	Issued at:
Medical certificate / Date:	Issued at:
Do you transport fumigated cargo / containers?	YES NO

*List ports of call from commencement of voyage with dates of departure, or within past thirty days, whichever is shorter.

Port	Date of departure	Port	Date of departure

**Upon request of competent authority at port of arrival, list crew members, passengers or other persons who have joined ship / inland navigation vessel since international voyage began or within past thirty days, whichever is shorter, including all ports / countries visited in this period (add additional names to the attached schedule).

Name	Joined at port	Date of joining

I hereby declare that the particulars, and answers to the questions given in this Declaration of Health (including the schedule) are true and correct to the best of my knowledge and belief.

Master	Ship's Surgeon (if carried)	Date
Signature	Counter-signed	

Attachment of Maritime Declaration of Health									
Name of person	Date	Place	Time of arrival	Time of departure	Date of onset of symptoms	Reported to a port medical officer?	Unusual at case?	Steps, medicines or other treatment given to patient	Comments

***State, (1) whether the person recovered is still ill or dead, and (2) whether the person is still on board, was evacuated (including the name of the port or airport), or was buried at sea.

Yonix 2, v01a ed 11.08.2009 date:

MDH

Sheet 2 of 2

- ## 9 questions about possible health risks:
- last ports visited?
 - illnesses on board?
 - condition on board leading to spread of disease?



All answers on MDH negative ?

Clearance is given, ship can enter harbour

Any positive answers = problem detected, Saniport gathers more information.

No threat : clearance is given

Possible threat: inform relevant authority:

- SPF/FOD doctor on duty
- Port doctor /Community Health inspector
- Food Chain Safety Agency (if food problem)
- If necessary ship is brought to a special berth & situation is analysed.



2. Risk Prevention

Two kinds of inspections :

1. 6-monthly inspection for Ship Sanitation Certificate (SSC)

(SSC is a WHO/IHR mandatory document legally binding with 6 months validity)

2. Random inspections



Attention points during inspections :

1. Rat guards



2. Medical logbook

Illnesses occurred : type of illness,
number of ill persons, outbreak?

3. Medical Chest Certificate

Is international regulation respected ?
(WHO, flagstate....)



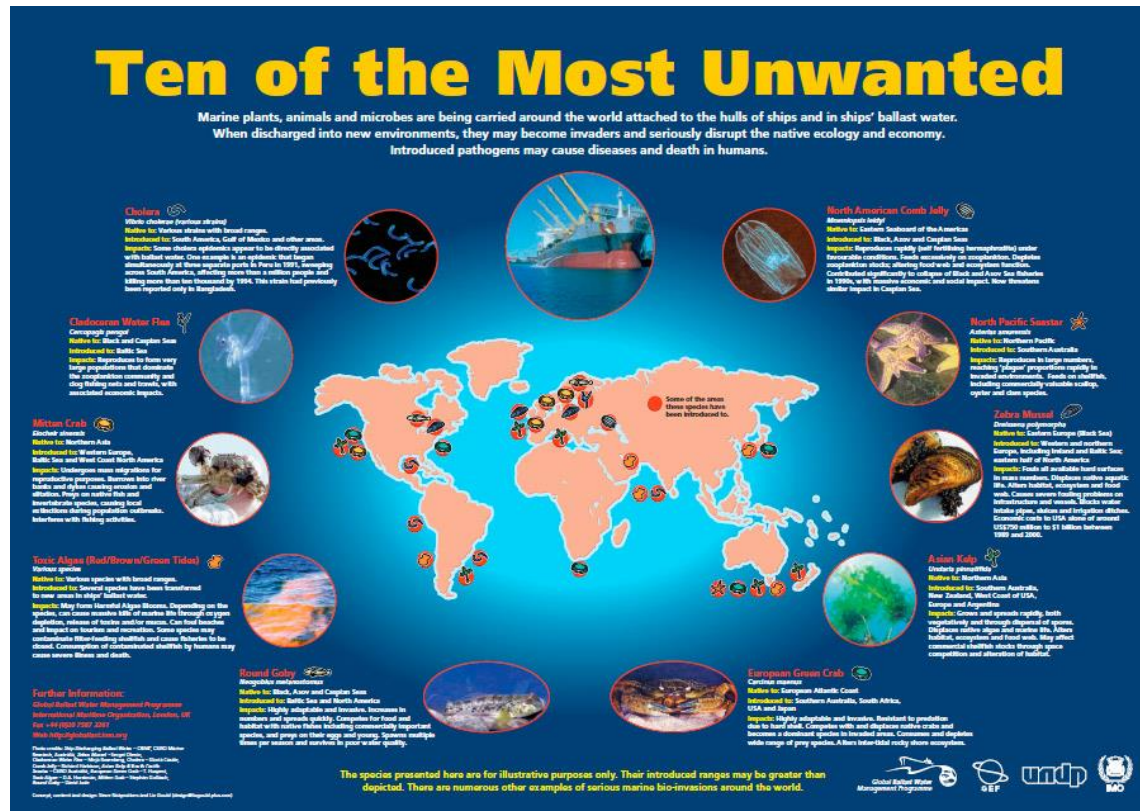
4. Garbage logbook

Is Marpol-regulation respected ?



5. Ballastwater Logbook

Are rules from IMO respected ?

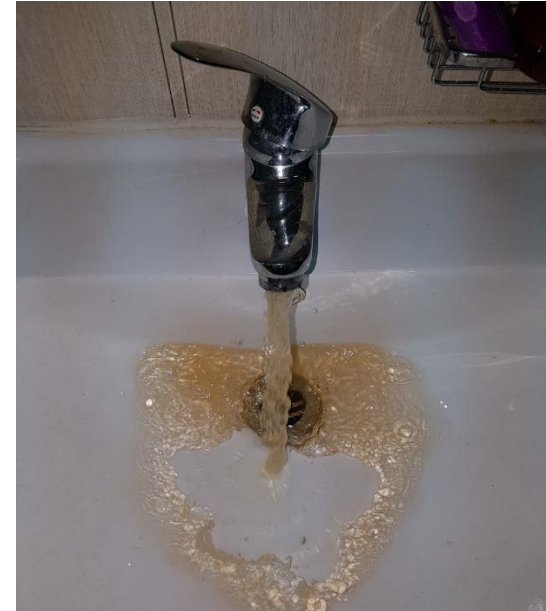


6. Drinking water analysis report

Are rules and criteria from IHR concerning fresh water quality respected?

Water on board is

- bunkered or
- self produced from seawater by reverse osmosis or by evaporator



Parameter	1	2	3	4	Unit	Acceptable norm WHO	
Temperature cold water	24		23		°C	<25°C cold water	
Temperature hot water		44		53	°C	>50°C hot water	
HPC 22°C 72 hours	>3000	>3000	>3000	320	cfu/100ml	No abnormal deviations	
HPC 37°C 72 hours	>3000	>3000	>3000	590			
E coli	0	0	0	0	cfu/100ml	0 cfu/100 ml	
Coliforms	0	0	0	0	cfu/100ml	0 cfu/100 ml	
Enterococci	0	0	0	0	cfu/100ml	0 cfu/100 ml	
pH	8.28	8.66	7.95	8.6	N/A	6.5 - 9.5	
Conductivity	109	115	111	115	µS/cm	N/A	
Legionella Spp.		44000		14000	cfu/l	<100 cfu/100ml(1000 cfu/l)	serotype 2-14
Iron		2200		1060	µg/l	<200 µg/L	
Cadmium		<1		<1	µg/l	<3 µg/l	
Copper		364		184	µg/l	<2000 µg/l	
Lead		6		3.6	µg/l	<10 µg/l	
Zinc		210		112	µg/l	<3000 µg/l	
Nickel		<8		13.4	µg/l	<70 µg/l	
Sample points:	1 Galley cold water						
	2 Galley hot water						
	3 Hospital cold water						
	4 Hospital hot water						



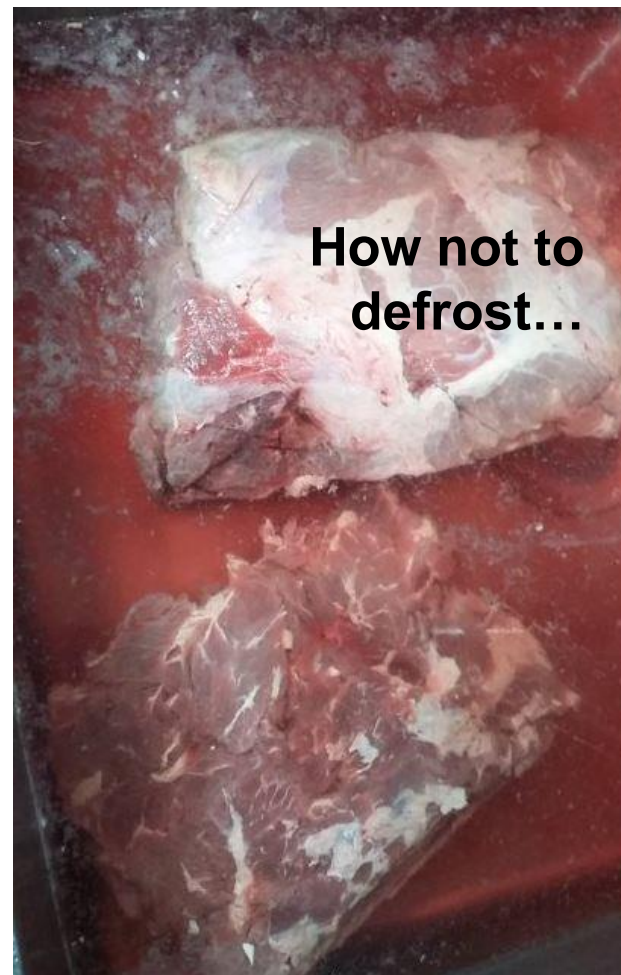
7. Inspection of the galley Are HACCP-rules respected ?



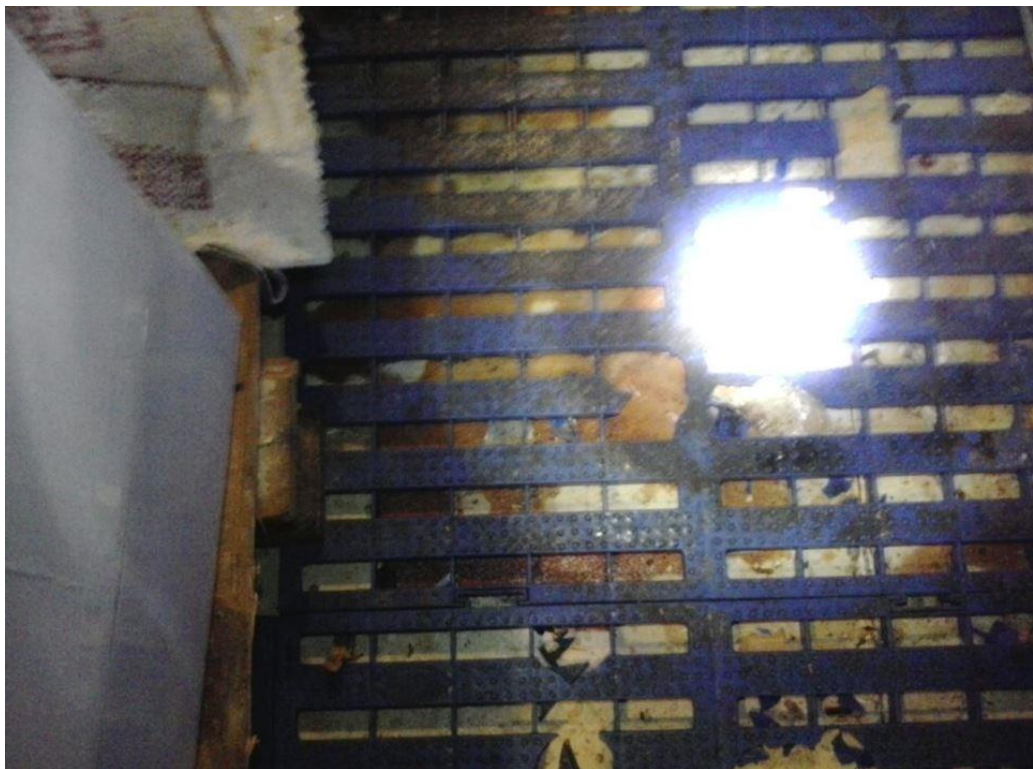
Control points Galley(kitchen):

- Cleaning & maintenance
- Vector management
- Defrosting process
- Food handling
- ...





8. Inspection of the stores Are HACCP-rules respected ?



Controle points stores:

- Cleaning & maintenance
- Vector management
- Storing according FiFo rules
- Storing at the right temperature
- ...



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Storage according FIFO-rules?



9. Inspection of the hospital

Is IMO-regulation respected ?



Controle points hospital:

- Cleaning & maintenance
- Hand wash station operational and well equipped
- Medication properly stored
- Biohazard garbage bin present
- ...



10. Issuing the certificate

1. **SSCEC** (= conditions good/acceptable)

Ship Sanitation Controle Exemption Certificate
= valid for 6 months

2. **SSCC** (= conditions poor/bad)

Ship Sanitation Controle Certificate
= **re-inspection necessary** before stipulated date,
in BE or at next port of call (which is contacted
by Saniport)



All our inspections are uploaded on the European database ShipSan.



SHIPSAN ACT Joint Action - Agreement Number 2012 2103
"The impact on maritime transport of health threats due to biological, chemical and radiological agents, including communicable diseases"



What if ship is in really bad condition ?

- Saniport has no police jurisdiction

BUT we can call upon partners who can act internationally :

- Port State
- Marpol inspection
- ITF (Int. Transport Fed.)
- Food Chain Safety Agency



Saniport

**THANKS YOU
FOR YOUR ATTENTION**



QUESTIONS?

www.health.belgium.be

