



**INTERTANKO**

**TWENTY  
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**Guidance on Records for  
the Cleaning of Fuel Oil  
Tanks (de-mucking) and  
Cargo Tanks of Bunker  
Barges**

V1 Nov 2019



**INTERTANKO**

# **Guidance on Records for the Cleaning of Fuel Oil Tanks (de-mucking) and Cargo Tanks of Bunker Barges**

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In preparation for the 1 January 2020 phase in of using 0.10% and 0.50% Sulphur content fuel oils, ships will have to clean bunker tanks which had previously stored High Sulphur Fuel Oil. INTERTANKO's ISTEK and Environmental Committees suggested INTERTANKO issues guidance for proper recording of these operations. This is the result of those discussions.

The following entries may be recorded as corresponding to the possible actions.

However, in observing this guidance, ship operators should always consult their Flag Administration for their consent.

### I) Cleaning of waste solid (de-mucking)

Bunker tank is dry, all liquid fuel was removed. The solid residues are manually collected by the crew and stored for disposal in drums. This operation should be treated as Engine Room operational waste with relevant entry in GRB Part I Category F – Operational waste until disposed to garbage reception facility ashore or burn in ships incinerator. No entries are made in Oil Record Book.

#### IF DISPOSED AT SHORE FACILITY

##### Garbage categories

<b>A</b> – Plastics	<b>B</b> – Food wastes	<b>C</b> – Domestic Wastes	<b>D</b> – Cooking Oil
<b>E</b> – Incinerator ashes	<b>F</b> – Operational wastes	<b>G</b> – Animal Carcass(es)	<b>H</b> – Fishing Gear
			<b>I</b> – e-Waste

Date/ Time	Position of the ship (latitude/ longitude) or port if discharged ashore or name of ship if discharged to another ship	Category	Estimated Amount Discharged		Estimated amount incinerated	Remarks: (e.g. start/ stop time and position of incineration; general remarks)	Certification signature
			Into Sea (m <sup>3</sup> )	To Reception Facilities or another ship (m <sup>3</sup> )			
01-APR-2019 / 10:00lt	10°10'N - 020°20'E / "Reception Facility"	F	–	1.0		–	Chief Officer

**IF BURNED IN INCINERATOR**

**Garbage categories**

<b>A</b> – Plastics	<b>B</b> – Food wastes	<b>C</b> – Domestic Wastes	<b>D</b> – Cooking Oil
<b>E</b> – Incinerator ashes	<b>F</b> – Operational wastes	<b>G</b> – Animal Carcass(es)	<b>H</b> – Fishing Gear <b>I</b> – e-Waste

Date/ Time	Position of the ship (latitude/ longitude) or port if discharged ashore or name of ship if discharged to another ship	Category	Estimated Amount Discharged		Estimated amount incinerated	Remarks: (e.g. start/ stop time and position of incineration; general remarks)	Certification signature
			Into Sea (m <sup>3</sup> )	To Reception Facilities or another ship (m <sup>3</sup> )			
01-APR-2019 / 10:00lt		<b>F</b>	–		<b>1.0</b>	Start incineration 10:00 Lat Long Stop incineration 11:00 Lat Long	<b>Chief Officer</b>

**II) Cleaning of Cargo Tanks of Bunker Barges**

Guidance for recording the cleaning of cargo tanks of bunker barges that were used for HSFO and dedicated in the future for 0.50% Sulphur content fuel.

Such recordings may be also required by ship operators to check if cargo tanks have been cleaned for the use of storing 0.50% or 0.10% Sulphur content fuels.

**Cleaning operation of cargo tanks of the bunker barges** (transferred manually or by pump) should be recorded in ORB Part II, Code G Cleaning of cargo tanks

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MMM-yyyy	G	27	{Identity of cargo tank(s) , e.g. COT No. XX}
		28	LAT: .... LONG: ....
		29	X hrs. and YY minutes
		30	{type of cleaning (hand-hosing, machine, chemical)}
		31.1/31.2	{xxx m <sup>3</sup> transferred to reception facility/slop tank Y, total quantity}
			signed: {Officer-in-charge, Name & Rank dd-MMM-yyyy}
			signed: {Name} Ch/Eng dd-MMM-yyyy

**Notes:**

*The ship's position to be recorded under item 28 is the position when the cleaning operation starts.*

*Where chemical cleaning is employed, the chemical concerned and amount used should be stated under item 30. The chemical used should be as per MEPC/2 list of approved chemicals. In accordance with regulations 13.5.1 and 13.5.2 of MARPOL Annex II, such chemical can only be discharged at sea by underwater discharge or the wash water be delivered to a reception facility.*

**Disposal of residues and mixture of oil, chemicals, water** should be recorded in ORB Part II Code J - Collection, Transfer and Disposal of Residues and Oily Mixtures not otherwise dealt with:

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MMM-yyyy	J	55	{Identity of cargo tank(s) , e.g. COT No. XX}
		56	xx.x m <sup>3</sup> transferred
		57.1	xx.x m <sup>3</sup> disposed at reception facility {identity of port}
			signed: {Officer-in-charge, Name & Rank dd-MMM-yyyy}
			signed: {Name} Ch/Eng dd-MMM-yyyy