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Directive (19/2016)

National Guidance for the Recording of Operations in the Oil Record Book

Part I – Machinery Space Operations (All Ships)

Applicable to: Ship owners, Recognized Organizations, Shipping Companies, Flag State Surveyors

1. The Department of Marine Administration circulated this notification in the exercise of the power of Section 294(B), paragraph (b) of Myanmar Merchant Shipping Act.
2. Pursuant to the provision of section 213 (A), paragraph (a)(2) of Myanmar Merchant Shipping Act, the Department of Marine Administration circulated this directive to be used as national guidance for the recording of operations and the correction of wrong entry in the Oil Record Book Part I- Machinery Space Operations (All Ships) of the Myanmar vessels engaged on international voyages.
2. The purpose of this directive is the guidance provided in MEPC.1/Circ.736/Rev.2 to be used as national guidance for the recording of operations and the correction of wrong entry in the Oil Record Book Part.1- Machinery Space Operations (All Ships) of the Myanmar vessels engaged on international voyages or Myanmar ports calling vessels.

Maung Maung Oo

Director General

Department of Marine Administration

THE REPUBLIC OF THE UNION OF MYNAMR



**MINISTRY OF TRANSPORT AND COMMUNICATIONS
DEPARTMENT OF MARINE ADMINISTRATION**

**GUIDANCE FOR RECORDING OF
OPERATIONS IN THE OIL RECORD BOOK
PART I
MACHINERY SPACE OPERATIONS
(ALL SHIPS)**

Date: 17.1.2017

Revise - 00

**GUIDANCE FOR RECORDING OF OPERATIONS IN THE OIL RECORD BOOK
PART I - MACHINERY SPACE OPERATIONS (ALL SHIPS)**

General Guidance

- This guidance only includes sections C to I.
- Operations should be recorded in chronological order as they have been executed on board.
- Dates should be entered in dd-MONTH-yyyy format, e.g. 16-MAR-2009.
- Incineration or landing ashore of oily garbage and used filters should be recorded in the Garbage Record Book only.
- All Entries are to be made and signed by the officer or officers in charge of the operations concerned and each completed page shall be signed by the master of the ship.
- Do not leave any full lines empty between successive entries.
- If a wrong entry has been recorded in the Oil Record Book (ORB), it should immediately be struck through with a single line in such a way that the wrong entry is still legible. The wrong entry should be signed and dated, with the new corrected entry following.
- Tank nomenclature should be recorded as per the format noted within the International Oil Pollution Prevention Certificate (IOPPC).
- Recording of quantities retained in bilge water holding tanks listed under section 3.3 of the IOPPC is voluntary and not required by the Convention.
- The recording of general maintenance of items pertaining to the OWS remains voluntary and is not required to be recorded in the ORB.

Usage of code C.11: Collection of oil residues (sludge)

Example #1

Weekly inventory of oil residues (sludge) tanks (tank listed under item 3.1 in the Supplement to the IOPPC)

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MONTH-yyyy	C	11.1	[Name of sec 3.1 Tank & Designation]
		11.2	xx m ³
		11.3	xx m ³
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy
dd-MONTH-yyyy	C	11.1	[Name of sec 3.1 Tank & Designation]
		11.2	xx m ³
		11.3	xx m ³
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Example #2

Recording of oil residue (sludge) collected by manual operation in oil residue (sludge) tank (tank listed under item 3.1 in the Supplement to the IOPPC)

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MONTH-yyyy	C	11.1	[Name of sec 3.1 Tank & Designation]
		11.2	xx m ³
		11.3	xx m ³
		11.4	xx m ³ collected from [identification of source]
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Note: Operator initiated manual collection where oil residue (sludge) is transferred (transfer with a pump) into the oil residue (sludge) tank(s). Examples of such operations could be:

1. Collection of oil residue (sludge) from fuel oil separator drain tanks.
2. Collection of oil residue (sludge) by draining engine sump tanks.
3. Adding fuel oil to an oil residue (sludge) tank (all content of a sludge tank is considered sludge).
4. Collection of sludge from bilge water holding tanks - in this case a disposal entry for bilge water is also needed.

Usage of code C.12: Disposal or Transfer of oil residues (sludge)

Example #3

Disposal of oil residue (sludge) via shore connection

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MONTH-yyyy	C	12.1	xx m ³ sludge from [Name of sec 3.1 Tank & Designation], xx m ³
			to "identity or name of sludge receiver, i.e. barge, tank truck or shore facility" during port stay (Name of Port)
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Note: Ships' masters should obtain from the operator of the reception facilities, which includes barges and tank trucks, a receipt or certificate detailing the quantity of oil residue (sludge) transferred, together with the time and date of the transfer. This receipt or certificate, if attached to the Oil Record Book Part I, may aid the master of the ship in proving that his ship was not involved in an alleged pollution incident. The receipt or certificate should be kept together with the Oil Record Book Part I.

Example #4

Draining of water (disposal) from an oil residue (sludge) tank listed under item 3.1 in the Supplement to the IOPPC, to a bilge water holding tank listed under item 3.3 in the Supplement to the IOPPC

Date	Code	Item	Record of operations/signature of officer in charge
dd-MONTH-yyyy	C	12.2	xx m ³ water drained from [Name of sec 3.1 Tank & Designation]
			to [Name of sec 3.3 Tank & Designation] retained in tank(s) xx m ³
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Note: Collection of bilge water need not to be accounted for, so only one entry is required. Capacity of sludge tanks should not be recorded for C.12.x entries.

Example #5

Transfer from one oil residue (sludge) tank to another oil residue (sludge) tank, both listed under item 3.1 in the Supplement to the IOPPC

Date	Code	Item	Record of operations/signature of officer in charge
dd-MONTH-yyyy	C	12.2	xx m ³ sludge transferred from [Name of sec 3.1 Tank & Designation]
			to [Name of sec 3.1 Tank & Designation] retained in tank(s)
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Example #6

Incineration of oil residue (sludge) in Incinerator

Date	Code	Item	Record of operations/signature of officer in charge
dd-MONTH-yyyy	C	12.3	xx m ³ sludge from [Name of sec 3.1 or 3.2.3 Tank & Designation]
			Burned in Incinerator for xx hours
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Example #7

Burning of oil residue (sludge) in Boiler

Date	Code	Item	Record of operation and signature of officer in charge
dd-MONTH-yyyy	C	12.4	xx m ³ sludge from [Name of sec 3.1 Tank & Designation], xx m ³
			Burned in Boiler for xx hours
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Example #8

Evaporation of water (disposal) from an oil residue (sludge) tank listed under items 3.1 in the Supplement to the IOPPC

Date	Code	Item	Record of operations/signature of officer in charge
dd-MONTH-yyyy	C	12.4	xx m ³ water evaporated from [Name of sec 3.1 Tank & Designation], xx m ³ retained.
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Example #9

Regeneration of fuel oil from oil residue (sludge)*

Date	Code	Item	Record of operation and signature of officer in charge
dd-MONTH-yyyy	C	12.4	xx m ³ sludge disposed by regeneration of x m ³ fuel in [Fuel Tank & Designation] and x m ³ of water in [Name of sec 3.3 Tank &
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

*Only permitted if mentioned as an approved means of disposal in the IOPPC Supplement.

Usage of code D: Non-automatic starting of discharge overboard, transfer or disposal otherwise of bilge water which has accumulated in machinery spaces

Example #10

Pumping of bilge water from engine-room bilge wells to a tank listed under item 3.3 in the Supplement to the IOPPC

Date	Code	Item	Record of operations/signature of officer in charge
dd-MONTH-yyyy	D	13	xx m ³ bilge water from engine-room bilge wells,
		14	Start: hh:mm, stop: hh:mm
		15.3	To [Name of sec 3.3 Tank & Designation], retained in tank(s)
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Example #11

Transfer of bilge water between tanks listed in item 3.3 in the Supplement to the IOPPC

Date	Code	Item	Record of operations/signature of officer in charge
dd-MONTH-yyyy	D	13	xx m ³ bilge water from, [Name of sec 3.3 Tank & Designation], xx
		14	Start: hh:mm, stop: hh:mm
		15.3	To [Name of sec 3.3 Tank & Designation], retained in tank(s) xx m ³
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Example #12

Pumping of bilge water overboard from tank listed in item 3.3 in the Supplement to the IOPPC

Date	Code	Item	Record of operations/signature of officer in charge
dd-MONTH-yyyy	D	13	xx m ³ bilge water from [Name of sec 3.3 Tank & Designation]
			Capacity xx m ³ , xx m ³ retained
		14	Start: hh:mm, stop: hh:mm
		15.1	Through 15 ppm equipment overboard
			Position start: xx deg xx min N/S, xx deg xx min E/W
			Position stop: xx deg xx min N/S, xx deg xx min E/W
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Example #13

Disposal of bilge water from tank listed in item 3.3 in the Supplement to the IOPPC to oil residue (sludge) tank listed in item 3.1 in the Supplement to the IOPPC

Date	Code	Item	Record of operation and signature of officer in charge
dd-MONTH-yyyy	D	13	x m ³ bilge water from [Name of sec 3.3 Tank & Designation], now
		14	Start: hh:mm stop:, hh:mm
		15.3	Collected in [Name of sec 3.1 Tank & Designation] retained in
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Note: A code C.11.4 recording may be required if this operation is a manual operator initiate operation.

Usage of code E: Automatic starting of discharge overboard, transfer or disposal otherwise of bilge water which has accumulated in machinery spaces

Example #14

Pumping of bilge water overboard via 15 ppm equipment from tank listed in item 3.3 in the Supplement to the IOPPC or from engine-room bilge wells

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MONTH-yyyy	E	16	Pump start hh:mm at xx deg xx min N/S, xx deg xx min E/W from [Name of sec 3.3 Tank & Designation]
		18	Stop hh:mm
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Example #15

Transfer of bilge water from engine-room bilge wells to a tank listed under item 3.3 in the Supplement to the IOPPC

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MONTH-yyyy	E	17	Transfer start hh:mm to [Name of sec 3.3 Tank & Designation]
		18	Stop hh:mm
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Usage of code F: Condition of oil filtering equipment

Example #16

Failure of Oily Filtering Equipment, Oil Content Meter or stopping device

Date	Code	Item	Record of operations/signature of officer in charge
dd-MONTH-yyyy	F	19	hh:mm
		20	hh:mm (might be unknown - if spare parts has been ordered)
		21	[Reason for Failure, if known]
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Note: The condition of the oil filtering equipment also covers the alarm and automatic stopping devices, if applicable.

A code 'T' entry should also be made indicating that the overboard valve was sealed shut due to non working Oil Filtering Equipment or Oil Content Meter. On the date where the system is functional again, a new entry, using code F 19 / 20 / 21 should be made where F 19 is the date and time of the initial failure and F 20 is the time the system is functional again.

Example #16b/s

When proper operation of the Oily Filtering Equipment, Oil Content Meter or stopping device is restored

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MONTH-yyyy	F	19	hh:mm (the same time as in example 16)
		20	hh:mm (the time the system is functional)
		21	[Reason for Failure, if known]
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Note: The condition of the oil filtering equipment also covers the alarm and automatic stopping devices, if applicable.

A code 'T' entry should also be made indicating that the overboard valve was unsealed since the operation of the Oil Filtering Equipment or Oil Content Meter has been restored.

Usage of code G: Accidental or other exceptional discharges of oil

Example #17

Accidental Pollution

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MONTH-yyyy	G	22	hh:mm
		23	Place or Position: xx deg xx min
		24	Type and Quantity of oily residue (if known)
		25	Circumstances of the discharge
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Note: If failure of Oil Filtering Equipment or Oil Content Meter related equipment is involved, appropriate (F) entry is to be made in ORB.

Relevant sections of the SOPEP (SMPEP) are to be used to combat oil spills at sea. Examples of Circumstances of discharge include, but are not limited to:

1. Oil Content Meter failure.
2. Fuel tank overflow.
3. Ruptured bunkering hose/flange.
4. Fuel tank leakage (due to collision or grounding).

Usage of code H: Bunkering of fuel or bulk lubricating oil

Example #18

Bunkering of Fuel oil

Date	Code	Item	Record of operations/signature of officer in charge
dd-MONTH-yyyy	H	26.1	[Name of Port]
		26.2	Startdd-MONTH-yyyy-hh:mmStopdd-MONTH-yyyy-hh:mm
		26.3	xxxxMT of ISO-xxxxxHFOx.x % S bunkered in tanks:
			aaaa MT added to [Tank Name & Designation] now containing bbbb MT
			cccc MT added to [Tank Name & Designation] now containing dddd MT
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Example #19

Bunkering of Bulk Lubricating oil

Date	Code	Item	Record of operations/signature of officer in charge
dd-MONTH-yyyy	H	26.1	[Name of Port]
		26.2	Startdd-MONTH-yyyy-hh:mmStopdd-MONTH-yyyy-hh:mm
		26.4	xx MT [Type of Oil] bunkered in tanks:
			xx MT added to [Tank Name & Designation] now containing xx
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Note: Separate entries required for each grade of fuel oils and lubricating oils respectively to ensure transparency.

(55 This entry is not required if lubricating oils are delivered onboard in packaged form gallon drum, etc.).

Usage of code I: Additional operational procedures and general remarks

Example #20

Pumping oily bilge water from a Cargo Hold bilge holding tank to a tank listed under item 3.3 in the Supplement to the IOPPC

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MONTH-yyyy	I		xx m ³ oily bilge water from Cargo Hold bilge holding tank to [Name of sec 3.3 Tank & Designation]
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Note: Any collection and transfer of oily bilge water into the engine-room bilge holding tank(s) from a cargo hold bilge holding tank(s) should be recorded using code (I)

Example #21

Entry pertaining to an earlier missed operational entry

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MONTH-yyyy(1)	I		Entry pertaining to an earlier missed operational entry
dd-MONTH-yyyy(2)	C	12.2	xx m ³ sludge transferred from [Name of sec. 3.1 Tank and
			to [Name of sec 3.1 Tank & Designation], retained in tank(s) xx
			signed (1): (Officer-in-charge, Name & Rank)dd-MONTH-yyyy
			signed (2): (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Note: Date (1) to be the date of the original operation.

Date (2) to be the current date i.e. the date the entry is made. Signed (1) Signature of Officer making I entry Signed (2) Signature of Officer making missed entry

Example #22

De-bunkering of Fuel oil

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MONTH-yyyy	I		xxxx MT of ISO-xxxxxHFOx.x % S de-bunkered from tanks:
			xxxx MT removed from [Tank Name & Designation] now containing xxx MT
			De-bunkered to 'identity or name of receiver i.e. barge, tank truck or shore facility' in 'Name of Port'
			Startdd-MONTH-yyyy; hh:mm Stopdd-MONTH-yyyy; hh:mm
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Note: Include receipt & certificate from receiver for amount & type of fuel oil de-bunkered.

Tankers with slop tanks

Example #23

Transfer of sludge from engine-room oil residue (sludge) tank to deck/cargo slop tank

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MONTH-yyyy	C	12.4	xx m ³ sludge from [Name of sec 3.1 Tank & Designation], xx m ³ retained,
			Transferred to Deck Slop Tank [designation]
			signed: (Officer-in-charge, Name & Rank)dd-MONTH-yyyy

Example #24

Transfer of bilge water from tank listed in item 3.3 in the Supplement to the IOPPC to deck/cargo slop tank

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MONTH-yyyy	D	13	xx m ³ bilge water from [Name of sec 3.3 Tank & Designation]
			Capacity xx m ³ , xx m ³ retained
		14	Start: hh:mm, stop: hh:mm
		15.3	Transferred to Deck Slop Tank [designation]
			signed: (Officer-in-charge, Name & Rank) dd-MONTH-yyyy

Note: Requires this method listed in the IOPP Supplement under item 3.2.3.

If non-oil-cargo related oily residues are transferred to slop tanks of oil tankers, the discharge of such residues should be in compliance with Regulation 34. (UI 22.1.1 for Regulation 15).

Requires an entry in the Oil Record Book - Part II using code (J).

If sludge or bilge water is transferred from multiple tanks in engine-room a separate entry must be made in ORB Parts I & II for each transfer.

General Guidance - Additional Voluntary Recordings

Example #25

Voluntary declaration of quantities retained in bilge water holding tanks ref. MEPC.1/Circ.640 - record weekly

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MONTH-yyyy	I		Weekly Inventory of Bilge Water Tanks (listed under item 3.3)
			[Name of sec 3.3 Tank & Designation]
			capacity xx m ³ , xx m ³ retained
			signed: (Officer-in-charge, Name & Rank) dd-MONTH-yyyy

Example #26

Optional sealing of MARPOL Annex I related valve and/or equipment

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MONTH-yyyy	I		Overboard valve [Valve Number] from 15 ppm bilge water separator unit sealed
			seal No.: xxxxxxxx,
			signed: (Officer-in-charge, Name & Rank) dd-MONTH-yyyy

Example #27

Breaking of optional seal on MARPOL Annex I related valve and/or equipment

Date	Code	Item No.	Record of operations/signature of officer in charge
dd-MONTH-yyyy	I		Overboard valve [Valve Number] from 15 ppm bilge water separator unit unsealed
			for normal operation of 15 ppm unit
			seal No.: xxxxxxxx
			signed: (Officer-in-charge, Name & Rank) dd-MONTH-yyyy