



CENTRAL COORDINATING AUTHORITY

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EP/0720/Circular

Chairman NOS-DCP Circular No: 03/ 2018

19 Dec 2018

Subject: Amendment No. 4 to National Oil Spill Disaster Contingency Plan 2015 Edition.

1. On the basis of discussions, feedback from stakeholders and statutory authority, ICG has undertaken a review of inventory for oil and chemical spill response in Indian waters.
2. Revised Inventory Standards for Port Facilities (Appendix F2.1) and Inventory Standards for Oil Agencies (F2.2) to the National Oil Spill Disaster Contingency Plan (NOS-DCP 2015 edition) are enclosed.
3. Plan holders are requested to carry out the amendments to NOS-DCP 2015 as per Annexure and also update the record of amendments at Appendix F2.1 & F2.2 to the NOS-DCP. Short fall in the inventory list of the individual facility may be made good on priority basis.
4. This is issued with the approval of the Director General Indian Coast Guard.


(Bhim Singh Kothari)
Commandant
Director (Environment)
for Director General

Encl: As above

JS(Ports)/MoS

JS(Sagarmala)/MoS

JS(Exploration)/MoPNG

} with a request for early compliance by Ports and Oil Handling Agencies

F2.1

Appendix F2.1 to NOS-DCP 2015

(Para 4.6 refers)

Minimum Inventory Standards for Port Facilities

The ports are classified into a risk category based on type of cargo handled and ships calling at the port. The risk categorisation is appended at table 1.

Table 1. Risk categorisation of ports

RISK CATEGORY	DESCRIPTION
A	Ports handling crude oil cargo Tankers(alongside/SBM/STS)
B	Ports handling Ships with other Cargos, than crude oil cargo
	Ports handling Tankers with products only
C	Other than Cat' A' and Cat 'B'
D	Ports handling ships using HSD only as bunker fuel and nil HFO on-board

The planning standards for oil spill response resources for each risk category of ports is appended at table 2.

Table2. Oil Spill Response equipment for each risk category of ports

	DESCRIPTION	RISKCATEGORY			
		A	B	C	D
Pollution Response Equipment	Inflatable Booms with accessories (Material: Neoprene /rubber/Neoprene rubber)	2000 with 04 power pack	1000 With 03 power pack	600 With 02 power pack	-
	Fence boom (Material: Neoprene/rubber/Neoprene rubber/ PU/ PV)	1000 metres	600 metres	200 metres	200 metres
	Skimmer (20TPH 50% weir type, 50% Brush type)	6	4	2	-
	OSD Applicator with Spray arms type along with 02 Nozzles system and 02 hand lancers (No.)	4	3	1	-
	Oil Spill Dispersant (Chemical Dispersant) (litres)	3,000	2,000	1,000	-
	Bio-remediation (litres)	2,000	1,000	1,000	1,000
	Flex Barge 10 Tons (no.)	4	3	2	-
	Weir Boom 100 metres with minimum 02 weirs with power pack and accessories (nos)	4	3	2	-
	Or	Or	Or	Or	
	Integrated containment cum recovery system with power pack and accessories (nos)	2	1	1	
	Sorbent boom size min. 5 inch Dia, min. length 5 feet (no.)	500	200	100	500
	Sorbent Pads min. 20 inch x 20 inch (no.)	2000	1000	500	2000
	Shoreline cleanup Equipment	Mini Vacuum pumps capacity 25 m ³	5	2	1
Portable Oil temporary storage facility capacity 10 m ³		5	3	2	-

	200 metres Shoreline sealing boom with power pack and accessories (material: Neoprene/rubber/Neoprene rubber) (nos.)	3	2	1	-
	VOC Portable Monitor	4	3	2	2
Personal Protective Gear	Level A protection: <ul style="list-style-type: none"> • Positive pressure, full face-piece self contained breathing apparatus (SCBA) or positive pressure supplied air respirator with escape SCBA; • Totally encapsulated chemical and vapor protective suit; • Inner and outer chemical resistant gloves; and • Disposable protective suit, gloves, and boots. 	5	3	1	-
	Level B protection: <ul style="list-style-type: none"> • Positive pressure, full face-piece self contained breathing apparatus (SCBA) or positive pressure supplied air respirator with escape SCBA; • Inner and outer chemical-resistant gloves; • Face shield; • Hooded chemical resistant clothing; • Coveralls; and • Outer chemical-resistant boots. 	10	6	3	-
	Level C protection: <ul style="list-style-type: none"> • Full-face air purifying respirators; • Inner and outer chemical-resistant gloves; • Hard hat; • Escape mask; and • Disposable chemical-resistant outer boots. 	20	10	5	20
	Level D protection: <ul style="list-style-type: none"> • Gloves; • Coveralls; • Safety glasses; • Face shield; and • Chemical-resistant, steel-toe boots or shoes. 	30	20	10	30
Vessels	Work Boats	4	3	1	-
	Tugs	4	3	1	-
Manpower	IMO Level 1	20	15	10	5
	IMO Level 2	10	7	5	1
	IMO Level 3	4	3	2	-
	Equipment handlers	15	10	6	2

Minimum Inventory Standards for Oil Agencies

The oil installations are classified into risk categories based on the number of offshore platforms operated in the area, SPMs in area, drilling and production of crude oil, Floating Production, Storage and Off loading (FPSO), and product. The risk categorisation of oil installations is appended at table 1.

Table 1. Risk categorization of oil installations

RISK CATEGORY	DESCRIPTION
Super 'A'	Operating offshore platforms
A	Offshore E&P Installations for crude oil
	FPSO
	Ship/platform/SBM involved in crude oil transfer
B	Vessel/platform involved in drilling operation
C	Product and Gas Ops

The planning standards for oil spill response resources for each risk category of oil installations is appended at table F2.2.2.

Table 2.Oil Spill Response resources for each risk category of oil installations

	DESCRIPTION	RISKCATEGORY			
		SUPER A	A	B	C
Pollution Response Equipment	Inflatable Booms with accessories (Neoprene/rubber/Neoprene rubber)	3000.with 06 power pack	2000 with 04 power pack	1000 With 03 power pack	600 With 02 power pack
	Skimmer(20TPH 50% weir type, 50% Brush type)	8	6	4	2
	OSD Applicator with Spray arms (8m), 02 Nozzles system and 02 hand lancers (No.)	6	4	3	1
	Chemical Oil Spill Dispersant (litres)	10,000	3,000	2,000	1,000
	Bio-remediation (litres)	5,000	2,000	1,000	1,000
	Flex Barge 10 Tons (no.)	4	4	3	2
	Weir Boom 100 metres with minimum 02 weirs with power pack and accessories	6	4	3	2
	Or	Or	Or	Or	Or
	Integrated containment cum recovery system with power pack and accessories (nos)	2	2	1	1
	Sorbent boom size min. 5 inch Dia, min. length 5 feet (no.)	800	500	200	100
	Sorbent Pads min. 20 inch x 20 inch (no.)	3000	2000	1000	500
Shoreline cleanup Equipment	Mini Vacuum pumps capacity 25 m ³	5	5	2	1
	Portable temporary storage facility capacity 10 m ³	5	5	3	2

	200 metres Shoreline sealing boom with power pack and accessories (no.)	5	2	2	1
	VOC Portable Monitor	5	3	2	2
Personal Protective Gear	Level A protection: <ul style="list-style-type: none"> • Positive pressure, full face-piece self contained breathing apparatus (SCBA) or positive pressure supplied air respirator with escape SCBA; • Totally encapsulated chemical- and vapor-protective suit; • Inner and outer chemical-resistant gloves; and • Disposable protective suit, gloves, and boots. 	10	5	3	1
	Level B protection: <ul style="list-style-type: none"> • Positive pressure, full face-piece self contained breathing apparatus (SCBA) or positive pressure supplied air respirator with escape SCBA; • Inner and outer chemical-resistant gloves; • Face shield; • Hooded chemical resistant clothing; • Coveralls; and • Outer chemical-resistant boots. 	15	10	6	3
	Level C protection: <ul style="list-style-type: none"> • Full-face air purifying respirators; • Inner and outer chemical-resistant gloves; • Hard hat; • Escape mask; and • Disposable chemical-resistant outer boots. 	30	20	10	5
	Level D protection: <ul style="list-style-type: none"> • Gloves; • Coveralls; • Safety glasses; • Face shield; and • Chemical-resistant, steel-toe boots or shoes. 	50	30	20	10
Vessels	Work Boats	6	4	3	1
	Tugs	6	4	3	1
Manpower	IMO Level 1	30	20	15	10
	IMO Level 2	15	10	7	5
	IMO Level 3	5	4	3	2
	Equipment handlers	30	15	10	6