



中华人民共和国国家标准

GB/T 16559—2010
代替 GB/T 16559—1996

船舶溢油应变部署表

Muster list for shipboard oil spillage

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前 言

本标准代替 GB/T 16559—1996《船舶溢油应变部署表》。

本标准与 GB/T 16559—1996 相比主要变化如下：

- 新增了“溢油”的术语和定义(见 2.5)；
- 重新划分船舶溢油应变部署表的使用方法,将其分为油船与非油船,并将油船的货油与船用油合并为一张表格(见表 1 和表 2)；
- 表 1 和表 2“编号”一栏空出,由船舶根据实际配员情况进行填写；
- 表 1 和表 2 中删除 1996 版的“政委”、“报务员”、“管事”与“电机员”四个岗位及职责；
- 明确船长可根据实际情况调整岗位职责(见 3.5)。

本标准由中华人民共和国交通运输部提出。

本标准由交通运输部航海安全标准化技术委员会归口。

本标准起草单位:山东海事局、中国海事局烟台溢油应急技术中心、大连海事大学、中国海运(集团)总公司、中远集团青岛远洋运输公司。

本标准主要起草人:袁柱瀚、张硕慧、韩龙、张勇、费珊珊、吴成明、刘正江。

本标准所代替标准的历次版本发布情况为：

- GB/T 16559—1996。

船舶溢油应变部署表

1 范围

本标准规定了当船舶发生溢油时,全体船员应急反应岗位和职责。

本标准适用于 150 总吨及以上的油船和 400 总吨及以上的非油船。其他船舶及海上设施等可参照执行。

2 术语和定义

下列术语和定义适用于本标准。

2.1

油船 oil tankers

建造为或改建为主要在其装货处所装运散装油类的船舶,并包括全部或部分装运散装货油的兼装船。还包括全部或部分用于装载散装油类货物的“载运有毒液体物质船舶¹⁾(NLS tanker)”和任何气体运输船²⁾。

2.2

非油船 non-oil tankers

上述油船以外的其他船舶。

2.3

货油 cargo oil

油船中作为货物载运的原油和成品油类。

2.4

船用油 types of oil used on board

用于或拟用于船舶操作或推进的烃类矿物油,包括润滑油以及它们的残余物。

2.5

溢油 oil spillage

油船和非油船装载的货油和船用油发生或有可能发生溢出舷外或溢漏入水的情况。

3 要求

3.1 对于油船,发生货油和/或船用油溢油时,使用油船溢油应变部署表,见表 1。

3.2 对于非油船,在发生船用油溢油时,使用非油船溢油应变部署表,见表 2。

3.3 表中编号栏可根据实际船员人数编排。

3.4 表 1 或表 2 应张贴在驾驶台、机舱,以及餐厅等公共场所。

3.5 船舶实际配员与表中有不同时,可按实际配员对表中所列职责进行调整:

- a) 船上有本表中没有的岗位,可在表后空白处依次填写,并由船长布置这些人员在溢油应急反应中的职责;
- b) 船上没有表中所列人员,船长应将其职责重新分配给他人;
- c) 发生溢油、且本表的安排不适用于现场应急反应时,船长有权根据实际情况调整岗位职责。

1) 参见 MARPOL 附则 II 中的定义。

2) 参见 SOLAS 第 II-1/3.20 条中的定义。

表 1 油船溢油应变部署表

Muster list for shipboard oil spillage(Oil tanker)

溢油报警信号: · — — ·

总指挥: 船长

集合地点: 主甲板

Spillage alarm signal: · — — ·

Commander; Master

Assembly Place; Main deck

编号 No.	职务 Rank	姓名 Name	货油 Cargo oil		船用油 Types of oil used on board	
			应变岗位 Designated location	职责 Duty	应变岗位 Designated location	职责 Duty
	船长 Master		驾驶台 Bridge	总指挥 Commander	驾驶台 Bridge	总指挥 Commander
	大副 Chief Officer		溢油现场 On-scene	现场指挥, 协助船长做好溢油现场指挥工作 On-scene commander, assist the Master to organize the oil spill removal and clean-up operation on-scene	溢油现场 On-scene	协助轮机长做好溢油现场指挥工作 Assist the Chief Engineer to organize the oil spill removal and clean-up operation on-scene
	二副 Second Officer		货油控制室/ 溢油现场 Cargo oil control room or on-scene	采取应急措施, 控制有关阀门、管线/做好现场记录, 防止溢油扩散, 回收清除溢油 Take emergency measures and control valves and pipelines concerned, responsible for keeping a record, prevent the spill from spreading, and remove and clean-up the spill	驾驶台/溢油现场 Bridge or on-scene	驾驶台值班, 协助船长做好应急反应记录/采取应急措施, 防止溢油扩散, 回收清除溢油 Keep watch on the bridge, assist the Master to keep a record, and take emergency measures, prevent the spill from spreading, and remove and clean-up the spill
	三副 Third Officer		溢油现场/回收艇现场 On-scene or in the lifeboat	提供消防器材, 艇长, 指挥放艇, 防止溢油扩散, 回收清除溢油 Prepare fire extinguishing equipment and materials, command the lifeboat Party, in charge of oil spill removal operation, prevent the spill from spreading, and remove and clean-up the spill	溢油现场/回收艇现场 On-scene or in the lifeboat	提供消防器材, 艇长, 指挥放艇, 防止溢油扩散, 回收清除溢油 Prepare fire extinguishing equipment and materials, command the lifeboat Party, in charge of oil spill removal operation, prevent the spill from spreading, and remove and clean-up the spill
	水手长 Boatswain		溢油现场/回收艇现场 On-scene or in the lifeboat	提供清污器材, 协助指挥放艇, 防止溢油扩散, 回收清除溢油 Prepare clean-up equipment and materials, assist to operate lifeboat, prevent the spill from spreading, and remove and clean-up the spill	溢油现场/回收艇现场 On-scene or in the lifeboat	提供清污器材, 协助指挥放艇, 防止溢油扩散, 回收清除溢油 Prepare clean-up equipment and materials, assist in operating lifeboat, prevent the spill from spreading, and remove and clean-up the spill

表 1 (续)

编号 No.	职务 Rank	姓名 Name	货油 Cargo oil		船用油 Types of oil used on board	
			应变岗位 Designated location	职责 Duty	应变岗位 Designated location	职责 Duty
	木匠 Carpenter		溢油现场 On-scene	测量有关舱室,检查甲板疏水孔,关闭有关通道,防止溢油扩散,回收清除溢油 Sound the depth of banks concerned, check scuppers, shut-up all passages concerned, prevent the spill from spreading, and remove and clean-up the spill	溢油现场 On-scene	测量有关舱室,检查甲板疏水孔,关闭有关通道,防止溢油扩散,回收清除溢油 Sound the depth of banks concerned, check scuppers, shut-up all passages concerned, prevent the spill from spreading, and remove and clean-up the spill
	水手 1 Sailor 1		驾驶台 Bridge	驾驶台值班 Keep watch on the bridge	驾驶台 Bridge	驾驶台值班 Keep watch on the bridge
	水手 2 Sailor 2		驾驶台/溢油现场 Bridge or on-scene	驾驶台值班/防止溢油扩散,回收清除溢油 Keep watch on the bridge, prevent the spill from spreading, and remove and clean-up the spill	驾驶台/溢油现场 Bridge or on-scene	驾驶台值班/防止溢油扩散,回收清除溢油 Keep watch on the bridge, prevent the spill from spreading, and remove and clean-up the spill
	水手 3 Sailor 3		溢油现场/回收艇现场 On-scene or in the lifeboat	艇员,放艇,随艇下。防止溢油扩散,回收清除溢油 Deploy lifeboat to act as the crew of lifeboat, prevent the spill from spreading, and remove and clean-up the spill	溢油现场/回收艇现场 On-scene or in the lifeboat	艇员,放艇,随艇下。防止溢油扩散,回收清除溢油 Deploy lifeboat to act as the crew of lifeboat, prevent the spill from spreading, and remove and clean-up the spill
	水手 4 Sailor 4		溢油现场/回收艇现场 On-scene or in the lifeboat	艇员,放艇,随艇下。防止溢油扩散,回收清除溢油 Deploy lifeboat to be the crew of lifeboat, prevent the spill from spreading, and remove and clean-up the spill	溢油现场/回收艇现场 On-scene or in the lifeboat	艇员,放艇,随艇下。防止溢油扩散,回收清除溢油 Deploy lifeboat to be the crew of lifeboat, prevent the spill from spreading, and remove and clean-up the spill
	轮机长 Chief Engineer		机舱/溢油现场 Engine Room or on-scene	轮机部指挥/协助大副做好溢油现场指挥工作 Command Engine Department/ Assist the Chief Officer to organize the oil spill removal and clean-up operation on-scene	机舱/溢油现场 Engine Room or on-scene	轮机部指挥/现场指挥,协助船长做好溢油现场指挥工作 Command Engine Department/ On-scene commander, assist the Master to organize the oil spill removal and clean-up operation on-scene

表 1 (续)

编号 No.	职务 Rank	姓名 Name	货油 Cargo oil		船用油 Types of oil used on board	
			应变岗位 Designated location	职责 Duty	应变岗位 Designated location	职责 Duty
	大管轮 Second Engineer		机舱/溢油现场 Engine Room or on-scene	管理机舱设备/防止溢油扩散,回收清除溢油 Maintain machinery operation, prevent the spill from spreading, and remove and clean-up the spill	机舱/溢油现场 Engine Room or on-scene	管理机舱设备/防止溢油扩散,回收清除溢油 Maintain machinery operation, prevent the spill from spreading, and remove and clean-up the spill
	二管轮 Third Engineer		溢油现场 On-scene	防止溢油扩散,回收清除溢油 Prevent the spill from spreading, and remove and clean-up the spill	机舱/溢油 现场 Engine Room or on-scene	采取应急措施,控制有关阀门、管线,做好现场记录,防止溢油扩散,回收清除溢油。 Take emergency measures, control valves and pipelines concerned, keep a record, prevent the spill from spreading, and remove and clean-up the spill
	三管轮 Fourth Engineer		溢油现场/回 收艇现场 On-scene or in the lifeboat	协助放艇,随艇下,操作艇马达,防止溢油扩散,回收清除溢油 Deploy lifeboat, operate engine of lifeboat, prevent the spill from spreading, and remove and clean-up the spill	溢油现场/回 收艇现场 On-scene or in the lifeboat	协助放艇,随艇下,操作艇马达,防止溢油扩散,回收清除溢油 Deploy lifeboat, operate engine of lifeboat, prevent the spill from spreading, and remove and clean-up the spill
	泵浦员 Pumpman		泵舱 Pumproom	管理泵浦,开关阀门 Maintain pumps operation, open and shut up valves	溢油现场 On-scene	防止溢油扩散,回收清除溢油 Prevent the spill from spreading, and remove and clean-up the spill
	机工长 Chief Motorman		溢油现场 On-scene	提供清污器材,防止溢油扩散,回收清除溢油 Prepare clean-up equipment and materials, prevent the spill from spreading, and remove and clean-up the spill	溢油现场 On-scene	提供清污器材,防止溢油扩散,回收清除溢油 Prepare clean-up equipment and materials, prevent the spill from spreading, and remove and clean-up the spill
	机工 1 Motorman 1		机舱 Engine Room	机舱值班,协助大管轮管理机舱设备 Keep watch and assist Second Engineer to maintain machinery operation	机舱 Engine Room	机舱值班,协助大管轮管理机舱设备 Keep watch and assist Second Engineer to maintain machinery operation

表 1 (续)

编号 No.	职务 Rank	姓名 Name	货油 Cargo oil		船用油 Types of oil used on board	
			应变岗位 Designated location	职责 Duty	应变岗位 Designated location	职责 Duty
	机工 2 Motorman 2		泵舱/溢油现场 Pumproom or on-scene	协助泵浦员工作/防止溢油 扩散,回收清除溢油 Assist pumpman, prevent the spill from spreading, and remove and clean-up the spill	机 舱/溢 油 现场 Engine Room or on-scene	机舱值班/防止溢油扩散,回 收清除溢油 Keep watch, prevent the spill from spreading, and remove and clean-up the spill
	机工 3 Motorman 3		溢油现场/回 收艇现场 On-scene or in the lifeboat	防止溢油扩散,回收清除 溢油 Prevent the spill from spreadi- ng, and remove and clean-up the spill	溢油现场/回 收艇现场 On-scene or in the lifeboat	防止溢油扩散,回收清除 溢油 Prevent the spill from spreadi- ng, and remove and clean-up the spill
	机工 4 Motorman 4		溢油现场/回 收艇现场 On-scene or in the lifeboat	防止溢油扩散,回收清除 溢油 Prevent the spill from spreadi- ng, and remove and clean-up the spill	溢油现场/回 收艇现场 On-scene or in the lifeboat	防止溢油扩散,回收清除 溢油 Prevent the spill from spreadi- ng, and remove and clean-up the spill
	大厨 Chief Steward		厨房/溢油现场 Galley or on-scene	检查厨房火源,关闭所有无 关进风口/防止溢油扩散,回 收清除溢油 Check fire hazard in the Galley, shut-up all unessential air intakes, prevent the spill from spreading, and remove and clean-up the spill	厨 房/溢 油 现场 Galley or on- scene	检查厨房火源,关闭所有无 关进风口/防止溢油扩散,回 收清除溢油 Check fire hazard in the Galley, shut-up all unessential air intakes, prevent the spill from spreading, and remove and clean-up the spill
	二厨/ 服务员 Second Cook/ Steward		溢油现场 On-scene	防止溢油扩散,回收清除 溢油 Prevent the spill from spreadi- ng, and remove and clean-up the spill	溢油现场 On-scene	防止溢油扩散,回收清除 溢油 Prevent the spill from spreadi- ng, and remove and clean-up the spill
	医生 Doctor		溢油现场 On-scene	携带急救医疗器械、药品,如 无医生,由大副承担医生 职责 Carry out first-aid. The Chief Officer should take over the duty if there is no doctor on board	溢油现场 On-scene	携带急救医疗器械、药品,如 无医生,由大副承担医生 职责 Carry out first-aid. The Chief Officer should take over the duty if no doctor on board

表 2 非油船溢油应变部署表

Muster list for shipboard oil spillage(non-oil tanker)

溢油报警信号: · — — ·

总指挥: 船长

集合地点: 主甲板

Spillage alarm signal: · — — ·

Commander: Master

Assembly Place: Main deck

编号 No.	职务 Rank	姓名 Name	应变岗位 Designated location	职责 Duty
	船长 Master		驾驶台 Bridge	总指挥 Commander
	大副 Chief Officer		溢油现场 On-scene	协助轮机长做好溢油现场指挥工作 Assist the Chief Engineer to organize the oil spill removal and clean-up operation on-scene
	二副 Second Officer		驾驶台/溢油现场 Bridge or on-scene	驾驶台值班, 协助船长做好应急反应记录/采取 应急措施, 防止溢油扩散, 回收清除溢油 Keep watch on the bridge, assist the Master to keep a record, and take emergency measures, prevent the spill from spreading, and remove and clean-up the spill
	三副 Third Officer		溢油现场/回收艇现场 On-scene or in the lifeboat	提供消防器材, 艇长, 指挥放艇, 防止溢油扩散, 回收清除溢油 Prepare fire extinguishing equipment and materials, command the lifeboat Party, in charge of oil spill removal operation, prevent the spill from spreading, and remove and clean-up the spill
	水手长 Boatswain		溢油现场/回收艇现场 On-scene or in the lifeboat	提供清污器材/协助指挥放艇, 防止溢油扩散, 回收清除溢油 Prepare clean-up equipment and materials, assist in operating lifeboat, prevent the spill from spreading, and remove and clean-up the spill
	木匠 Carpenter		溢油现场 On-scene	测量有关舱室, 检查甲板疏水孔, 关闭有关通 道, 防止溢油扩散, 回收清除溢油 Sound the depth of banks concerned, check scuppers, shut-up all passages concerned, prevent the spill from spreading, and remove and clean- up the spill
	水手 1 Sailor 1		驾驶台 Bridge	驾驶台值班 Keep watch on the bridge
	水手 2 Sailor 2		驾驶台/溢油现场 Bridge or on-scene	驾驶台值班/防止溢油扩散, 回收清除溢油 Keep watch on the bridge, prevent the spill from spreading, and remove and clean-up the spill
	水手 3 Sailor 3		溢油现场/回收艇现场 On-scene or in the lifeboat	艇员, 放艇, 随艇下。防止溢油扩散, 回收清除 溢油 Deploy lifeboat to act as the crew of lifeboat, prevent the spill from spreading, and remove and clean-up the spill

表 2 (续)

编号 No.	职务 Rank	姓名 Name	应变岗位 Designated location	职责 Duty
	水手 4 Sailor 4		溢油现场/回收艇现场 On-scene or in the lifeboat	艇员,放艇,随艇下。防止溢油扩散,回收清除溢油 Deploy lifeboat to be the crew of lifeboat, prevent the spill from spreading, and remove and clean-up the spill
	轮机长 Chief Engineer		机舱/溢油现场 Engine Room or on-scene	轮机部指挥/现场指挥,协助船长做好溢油现场指挥工作 Command Engine Department/On-scene commander, assist the Master to organize the oil spill removal and clean-up operation on-scene
	大管轮 Second Engineer		机舱/溢油现场 Engine Room or on-scene	管理机舱设备/防止溢油扩散,回收清除溢油 Maintain machinery operation, prevent the spill from spreading, and remove and clean-up the spill
	二管轮 Third Engineer		机舱/溢油现场 Engine Room or on-scene	采取应急措施,控制有关阀门、管线/做好现场记录,防止溢油扩散,回收清除溢油。 Take emergency measures, control valves and pipelines concerned, keep a record, prevent the spill from spreading, and remove and clean-up the spill
	三管轮 Fourth Engineer		溢油现场/回收艇现场 On-scene or in the lifeboat	协助放艇,随艇下,操作艇马达,防止溢油扩散,回收清除溢油 Deploy lifeboat, operate engine of lifeboat, prevent the spill from spreading, and remove and clean-up the spill
	机工长 Chief motorman		溢油现场 On-scene	提供应急工具和防污器材,防止溢油扩散,回收清除溢油 Prepare clean-up equipment and materials, prevent the spill from spreading, and remove and clean-up the spill
	机工 1 Motorman 1		机舱 Engine Room	机舱值班,协助大管轮管理机舱设备 Keep watch and assist Second Engineer to maintain machinery operation
	机工 2 Motorman 2		机舱/溢油现场 Engine Room or on-scene	机舱值班/防止溢油扩散,回收清除溢油 Keep watch, prevent the spill from spreading, and remove and clean-up the spill
	机工 3 Motorman 3		溢油现场/回收艇现场 On-scene or in the lifeboat	防止溢油扩散,回收清除溢油 Prevent the spill from spreading, and remove and clean-up the spill

表 2 (续)

编号 No.	职务 Rank	姓名 Name	应变岗位 Designated location	职责 Duty
	机工 4 Motorman 4		溢油现场/回收艇现场 On-scene or in the lifeboat	防止溢油扩散,回收清除溢油 Prevent the spill from spreading, and remove and clean-up the spill
	大厨 Chief Steward		厨房/溢油现场 Galley or on-scene	检查厨房火源,关闭所有无关进风口/防止溢油扩散,回收清除溢油 Check fire hazard in the Galley, shut-up all unessential air intakes, prevent the spill from spreading, and remove and clean-up the spill
	二厨/服务员 Second Cook/ steward		溢油现场 On-scene	防止溢油扩散,回收清除溢油 Prevent the spill from spreading, and remove and clean-up the spill
	医生 Doctor		溢油现场 On-scene	携带急救医疗器械、药品,如无医生,由大副承担医生职责 Carry out first-aid. The Chief Officer should take over the duty if no doctor on board
	实习生 Cadet		溢油现场 On-scene	防止溢油扩散,回收清除溢油 Prevent the spill from spreading, and remove and clean-up the spill

船名: _____ 船长: _____ 制表: _____

日期: ____年__月__日

M/V(T): _____ Master: _____ Lay down: _____

参 考 文 献

- [1] 《经 1978 年议定书修订的 1973 年国际防止船舶造成污染公约》(MARPOL 73/78 公约).
 - [2] 《1974 年国际海上人命安全公约》(SOLAS 公约).
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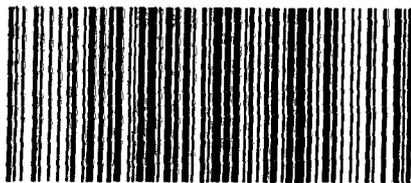
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