

CCS 通函 Circular

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关于海上设施救生设备、无线电通信设备、航行信号设备 及防污染设备检验发证的规定

1. 总则

1.1 适用范围

根据中华人民共和国能源部令（第 4 号）和《海洋石油勘探开发环境保护管理条例》的规定，凡在中华人民共和国的内海、领海、大陆架以及其它属于中华人民共和国和海洋资源管辖区域内建设或使用的油（气）生产设施，其救生设备、无线电通信设备、航行信号设备、防污染设备由中国检验机构负责检验和发证工作（以下称四项检验）。为更好的贯彻执行上述设备的检验工作，特制定本通函，作为审图、检验和发证的参照依据。

1.2 检验依据

- 中华人民共和国能源部令（第 4 号）
- 中华人民共和国经济贸易委员会《海上固定平台安全规则》（2000 年 12 月 1 日颁发施行）
- 中华人民共和国船舶检验局《海上固定设施安全技术规则》（1997）
- 最新修正的《国际海上人命安全公约》
- 最新修正的《国际防止船舶造成污染公约》
- 中海海洋石油作业安全办公室接受/认可的其它标准
- 国家行政当局颁布的有关的政令和法规

1.3 检验与发证

1.3.1 海上设施的四项检验包括设计审查、产品检验、现场制造安装检验。

1.3.1.1 设计审查

四项检验的设计审查应按《海上设施项目管理须知》（WIOE0902-1）和《海上设施设

计图纸审核程序》(WPPA0903) 进行。

1.3.1.2 产品检验

四项检验中的有关设备按本通函 4.1 款的设备分类, 须进行图纸审查, 制造检验或取得形式认可证书/产品证书。

1.3.1.3 现场制造安装检验

现场验船师应按批准的图纸和试验程序, 对有关设备的安装、制造和试验进行监督。

1.3.2 发证

检验合格后, 由现场验船师签发检验报告。执行检验单位颁发有效期为五个月的临时《海上设施救生设备、无线电通信设备、信号设备符合证书》及《海上设施防止油污染证书》, 总部据此颁发有效期为 5 年的全期证书。为保持证书有效, 应由本社执行相应的年度检验。

2. 申请

由海上设施所有人、作业者、或中标海上设施发证检验的其他船级社向本社海洋工程部或本社分支机构提交书面申请。

3. 工作程序

四项检验应按本社《海上设施检验管理程序》(WPOE0902) 和《海上设施项目管理须知》(WIOE0902-1) 进行。

4. 检验发证要求

4.1 设备划分

4.1.1 四项检验的相关设备划分四类:

- A——需由本社进行设计图纸审查、制造检验、性能试验和颁发产品证书;
- B——需取得本社的产品证书及出厂记录;
- C——需取得制造厂所在国政府相关主管机关的产品证书或国际船级社协会成员社颁发的产品证书;
- D——需取得生产商的产品合格证书及相关记录。

4.1.2 设备分类及要求

4.1.2.1 救生设备

(1) 救生艇——B

应符合最新修正的《国际海上人命安全公约》第三章第 46 条的要求

(2) 救助艇——B

应符合最新修正的《国际海上人命安全公约》第三章第 47 条的要求

(3) 气胀式救生筏——B

应符合最新修正的《国际海上人命安全公约》第三章第 38 条和 39 条的要求

(4) 救生设备降落装置 (包括吊架、艇机和绞车) ——B

应符合最新修正的《国际海上人命安全公约》第三章第 48 条的要求

(5) 救生圈——C

应符合最新修正的《国际海上人命安全公约》第三章第 31 条的要求

(7) 救生衣——C

应符合最新修正的《国际海上人命安全公约》第三章第 32 条的要求

(8) 救生服——C

应符合最新修正的《国际海上人命安全公约》第三章第 33 条的要求

(9) 火箭降落伞火焰信号——C

应符合最新修正的《国际海上人命安全公约》第三章第 35 条的要求

(10) 抛绳设备——C

应符合最新修正的《国际海上人命安全公约》第三章第 49 条的要求

(11) 逃生用具——D

(12) 急救设施——D

4.1.2.2 无线电通信设备

(1) 海事卫星地面站——B

应符合《国际海上人命安全公约》1988 年修正案第 IV 章的要求

(2) 中/高频无线电装置——C

应符合《国际海上人命安全公约》1988 年修正案第 IV 章的要求

(3) 奈伏泰斯接收机——C

应符合《国际海上人命安全公约》1988 年修正案第 IV 章的要求

(4) 应急无线电示位标——C

应符合《国际海上人命安全公约》1988 年修正案第 IV 章的要求

(5) 甚高频无线电话——C

应符合《国际海上人命安全公约》1988 年修正案第 IV 章的要求

(6) 救生艇双向甚高频无线电话——C

应符合《国际海上人命安全公约》1988 年修正案第 III 章的要求

(7) 雷达应答器——C

应符合《国际海上人命安全公约》1988 年修正案第 III 章的要求

(8) 甚高频航空无线电话——C

应符合《民航总局令第 67 号》的要求

(9) 无线电全向示位标——C

应符合《民航总局令第 67 号》的要求

(10) 内部广播通信系统——C

应符合《国际海上人命安全公约》1988 年修正案第 III 章的要求

4.1.2.3 信号设备

(1) 音响信号设备——C

应符合国家经贸委《海上固定平台安全规则》第十六章的要求

(2) 灯光信号设备——C

应符合国家经贸委《海上固定平台安全规则》第十六章的要求

4.1.2.4 防污染设备

下列的 A 类设备的设计应符合国家相关的标准(GB4914“海洋石油开发工业含油污水排放标准”),其制造应符合批准图纸要求。

(1) 油水分离器/过滤器(机舱污水)——B

应符合:

MARPOL 73/78 公约及附则 I 第 16 条(6)(7)及相关修正案的要求。

油水分离/过滤设备及油份浓度计应符合海大 A.393(X)或 A.444(XI)建议案的要求。

(2) 油水分离器/过滤器(生产污水)——A

(3) 排油监控系统——B

应符合:

应参照 MARPOL 73/78 公约附则 I 第 16 条(5)及相关修正案的要求。

监控设备和油份浓度计的要求可参考海大 A.586(14)的相关要求。

(4) 污油柜——A

(5) 集污沉箱——A

(6) 撇油机、旋流分离器——A

(7) 斜板式分油机、浮选槽——A

(8) 生活污水处理装置——B

应符合 MARPOL 73/78 公约附则 IV 及有关修正案的相关要求

4.2 审图:

申请人应将下列图纸资料一式四份提交本社审查：

4.2.1 备查图

- (1) 总布置图
- (2) 总体说明书（包括工程概要、设计理念、设计标准、布置说明等）
- (3) 危险区域划分图
- (4) 栏杆、通道、梯道开口布置图
- (5) 照明和应急照明布置图
- (6) 通用报警系统、广播系统、内部通信系统布置图

4.2.2 救生设备

- (1) 脱险通道布置图
- (2) 救生艇降落、登乘布置图
- (3) 救助艇降落、登乘布置图
- (4) 救生设备布置图（包括配备明细表）
- (5) 降落装置强度计算书（如适用时）

4.2.3 无线电设备

- (1) 无线电通信设备布置图（包括无线电室平面布置图）；
- (2) 无线电通信设备系统图；
- (3) 无线电通信设备明细表（包括产品合格证件、认可机关及认可编号）；
- (4) 天线布置图；
- (5) 备用电源容量估算书。

4.2.4 信号设备

- (1) 助航标志与信号设备系统图；
- (2) 助航标志与信号设备布置图。

4.2.5 防污染设备

- (1) 防止油类污染设备

生产水处理系统流程图及管系图；

机舱处所污水处理系统流程图及管系图；

沉淀水处理系统流程图及管系图；

排油监控系统；

残油舱（柜）舱容计算和清洗、排放管系布置图；

集存舱（柜）舱容计算和布置图；

试油器漏油的处理方法说明。

开式/闭式排放系统 P&I 图

(2) 防止生活污水污染设备

生活污水系统流程图及管系图、布置图；

生活污水系统布置图

生活污水处理装置结构图和操作说明书；

集污舱舱容计算和布置图。

(3) A 类设备，尚需补充提交下列图纸：

设备总图；

主要构件及零件图；

设备原理图；

控制板及原理图；

设计计算书；

主要零件技术说明；

施工图及工艺；

性能试验大纲。

4.3 现场检验

4.3.1 救生设备

(1) 核查所有救生设备的产品证书；

(2) 核查所有救生设备的配备和布置与批准的图纸的符合性，主要包括：

- 救生艇架和降落装置的检验与试验
- 救生艇的检验和试验
- 救助艇、吊艇架和降落装置的检验与试验
- 气胀式救生筏
- 救生圈
- 救生衣
- 救生服
- 火箭降落伞火焰信号
- 抛绳设备
- 逃生用具
- 急救设施

- 双向甚高频无线电话
- 雷达应答器

- (3) 检查逃生通道的畅通性；
- (4) 检查降落登乘站的布置情况；
- (5) 检查逃生通道、登乘站的照明和应急照明；
- (6) 通用报警系统试验；
- (7) 广播系统试验；
- (8) 内部通信系统试验；
- (9) 救生艇、筏的操作须知；
- (10) 应变部署表与应变须知；

4.3.2 无线电通信设备

无线电通信设备安装后应进行效用试验。（甚高频无线电话，中高频无线电话与值班船 DSC 数选单船通信试验，海事卫星地面站与基地通信试验，双向无线电话，广播系统实效试验，雷达应答器和卫星示位标按说明书进行模拟试验。）

4.3.3 信号设备

信号设备安装后应进行效用试验。

4.3.4 防污染设备

- (1) 设备管线的安装应符合批准图纸的要求
- (2) 防污染设备应进行效用试验
- (3) 排油监控、报警及停止排放系统应进行相应的效用试验。

4.4 保持证书有效的检验

为保持证书有效，应由本社执行相应的年度检验并在证书“年度检验签证”处签署。年度检验的具体要求参见本通函后附的检验项目表。

5. 检验完成后应签发的文件

验船师完成检验工作后应签发相应的证书、报告或记录，涉及本通函要求的文件的具体的要求如下，其他报告的签发可参考有关须知的规定。

5.1 救生、信号及无线电通信设备检验

- (1) 初次检验：

- 海上设施救生设备、无线电通信设备和信号设备符合证书（Form CSX）
- 海上设施救生设备、无线电通信设备和信号设备符合证书附件
（Form S-CSX）

- 海上设施救生设备、无线电通信设备和信号设备初次/定期/年度检验项目表 (Form C-CSX)

(2) 定期/年度检验

- 海上设施救生设备、无线电通信设备和信号设备符合证书 (Form CSX) (如果需要换发证书时)
- 海上设施救生设备、无线电通信设备和信号设备初次/定期/年度检验项目表 (Form C-CSX)

5.2 防污染设备检验

(1) 初次检验

- 海上设施防止油污染证书 (Form SCP)
- 浮式装置防止油污染证书附件 (Form P-SCP) (适用于浮式装置)
- 浮式装置防止油污染检验项目表 (Form C-SCP-P) (适用于浮式装置)
- 固定平台防止油污染证书附件 (Form F-SCP) (适用于固定平台)
- 固定平台防止油污染检验项目表 (Form C-SCP-F) (适用于固定平台)

(2) 定期/年度检验

- 海上设施防止油污染证书 (Form SCP) (如果需要换发证书时)
- 浮式装置防止油污染检验项目表 (Form C-SCP-P) (适用于浮式装置)
- 固定平台防止油污染检验项目表 (Form C-SCP-F) (适用于固定平台)

6. 附件

- 6.1 海上设施防止油污染证书 (Form SCP)
- 6.2 海上设施救生设备、无线电通信设备和信号设备符合证书 (Form CSX)
- 6.3 海上设施救生设备、无线电通信设备和信号设备符合证书附件 (Form S-CSX)
- 6.4 固定平台防止油污染证书附件 (Form F-SCP)
- 6.5 浮式装置防止油污染证书附件 (Form P-SCP)
- 6.6 浮式装置防止油污染检验项目表 (Form C-SCP-P)
- 6.7 海上设施救生设备、无线电通信设备和信号设备初次/定期/年度检验项目表 (Form C-CSX)
- 6.8 固定平台防止油污染检验项目表 (Form C-SCP-F)

REQUIREMENTS FOR SURVEY & CERTIFICATION OF LIFE-SAVING APPLIANCES, RADIO COMMUNICATION EQUIPMENT, NAVIGATION SIGNAL EQUIPMENT AND POLLUTION PREVENTION EQUIPMENT INTENDED FOR OFFSHORE INSTALLATIONS

1. GENERAL

1.1 Application

Pursuant to the **PROVISIONS ON ENVIRONMENTAL PROTECTION AND MANAGEMENT RELATED TO OFFSHORE OIL EXPLOITATION (DECREE No.4 OF THE MINISTRY OF ENERGY OF THE PEOPLE'S REPUBLIC OF CHINA)**, all life-saving appliances, radio communication equipment, navigation signal equipment and pollution prevention equipment (hereinafter referred to as the four items) intended for oil (gas) production facilities constructed or used in the inland seas, territorial seas and continental shelf of the People's Republic of China as well as and other areas of oceanic resources within her jurisdiction shall be subjected to survey and certification by China's inspection bodies. The present requirements are hereby established to better implement the **Provisions** and are used as a reference basis for design review, survey and certification of the above-mentioned equipment.

1.2 Survey Basis

- **DECREE NO.4 OF THE MINISTRY OF ENERGY OF THE PEOPLE'S REPUBLIC OF CHINA**
- **SAFETY REGULATIONS FOR FIXED OFFSHORE PLATFORM PROMULGATED BY THE STATE ECONOMIC AND TRADE COMMISSION OF THE PEOPLE'S REPUBLIC OF CHINA ON 1st DECEMBER 2000**
- **TECHNICAL REGULATIONS FOR SAFETY OF FIXED OFFSHORE INSTALLATIONS (1997) PROMULGATED BY THE REGISTER OF SHIPPING OF THE PEOPLE'S REPUBLIC OF CHINA**
- **THE LATEST AMENDMENTS TO INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE AT SEA**
- **THE LATEST AMENDMENTS TO INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS**
- **OTHER STANDARDS ACCEPTED/APPROVED BY CHINA OFFSHORE OIL OPERATION SAFETY OFFICE**

- RELATED DECREE, LAWS AND REGULATIONS PROMULGATED BY NATIONAL ADMINISTRATIONS

1.3 Survey and Certification

1.3.1 The survey of the four items intended for offshore installations includes design review, product survey and field construction & installation survey.

1.3.1.1 The design review of the four items shall be performed according to "Procedure for Plan Approval of Offshore Installations" (WPPA0903) and "Instruction for Project Management Of Offshore Installations" (WIOE0902-1).

1.3.1.2 Product survey

Related equipment of the four items is categorized in accordance with 4.1 of these requirements and should go through design review and construction survey or be available with type approval certificate/marine product certificate.

1.3.1.3 Construction & Installation Survey

The field surveyor should supervise the construction & installation survey and testing to the related equipment according to the approved drawings and test procedure.

1.3.2 Certification

Upon satisfactory survey, the field surveyor will issue a survey report and the survey-conducting unit will issue an interim certificate for life-saving appliances, radio communication equipment & signal equipment and an interim oil pollution prevention certificate for offshore installations, both being five months validity. Based on the above interim certificates, the Headquarters will issue a full term certificates of five years validity. In addition, to maintain the validity of the certificates, annual survey should be performed by this society.

Application

A written application should be submitted to the Offshore Engineering Department or branches of the Society by the owner, operator of offshore installations or other societies succeeding in the bidding for certification survey.

Work Procedures

Survey of the four items should be performed according to "Procedure for Survey Management of Offshore Installations"(WPOE0902) and "Instruction for Project Management of Offshore Installations "(WIOE0902-1) of this Society.

Requirements for Certification Survey

4.1 Category of Equipment

4.1.1 The equipment subject to survey may be divided into four categories as follows:

- A—means design review, construction survey, function test and issued of product certificate are all to be done by this Society.
- B—means provision of product certificate issued by this Society and delivery records are required.
- C—means product certificate issued by the Administration of the country wherein manufacturer is located or that issued by IACS members are required.
- D—means product quality certificate and related records issued by the manufacturer are required.

4.1.2 Category of Equipment & Requirements

4.1.2.1 Life-Saving Appliances

(1) Lifeboat—B

To comply with the latest requirements of Regulation 46 of Chapter III of the International Convention for the Safety of Life at Sea, as amended.

(2) Rescue boat—B

To comply with the latest requirements of Regulation 47 of Chapter III of the International Convention for the Safety of Life at Sea, as amended.

(3) Inflatable Liferaft—B

To comply with the latest requirements of Regulation 38 & 39 of Chapter III of the International Convention for the Safety of Life at Sea, as amended.

(4) Launching Appliances (Including davit, mechanism & winch) —B

To comply with the latest requirements of Regulation 48 of Chapter III of the International Convention for the Safety of Life at Sea, as amended.

(5) Lifebuoy—C

To comply with the latest requirements of Regulation 31 of Chapter III of the International Convention for the Safety of Life at Sea, as amended.

(6) Life jacket—C

To comply with the latest requirements of Regulation 32 of Chapter III of the International Convention for the Safety of Life at Sea, as amended.

(7) Immersion Suits—C

To comply with the latest requirements of Regulation 33 of Chapter III of the International Convention for the Safety of Life at Sea, as amended.

(8) Rocket Parachute Flares—C

To comply with the latest requirements of Regulation 35 of Chapter III of the

International Convention for the Safety of Life at Sea, as amended.

(9) Line-Throwing Appliances

To comply with the latest requirements of Regulation 49 of Chapter III of the International Convention for the Safety of Life at Sea, as amended.

(10) Escape means—D

(11) First Aid outfit & Stretch—D

4.1.2.2. Radio Communication Equipment

(1) INMARSAT Earth Station—B

To comply with Chapter IV of 1988 Amendment to the International Convention for the Safety of Life at Sea.

(2) MF/HF Radio Installation—C

To comply with Chapter IV of 1988 Amendment to the International Convention for the Safety of Life at Sea.

(3) NAVTEX Receiver—C

To comply with Chapter IV of 1988 Amendment to the International Convention for the Safety of Life at Sea.

(4) EPRIB—C

To comply with Chapter IV of 1988 Amendment to the International Convention for the Safety of Life at Sea.

(5) VHF Radiotelephony—C

To comply with Chapter IV of 1988 Amendment to the International Convention for the Safety of Life at Sea.

(6) Two-Way VHF Radiotelephony Apparatus—C

To comply with Chapter III of 1988 Amendment to the International Convention for the Safety of Life at Sea

(7) Radar Transponders—C

To comply with Chapter III of 1988 Amendment to the International Convention for the Safety of Life at Sea

(8) VHF Aviation Radiotelephony—C

To comply with Decree No.67 of Civil Aviation Administration of China

(9) VHF Omnidirectional Radio Range—C

To comply with Decree No.67 of Civil Aviation Administration of China

(10) Public Address System—C

To comply with Chapter III of 1988 Amendment to the International Convention for the Safety of Life at Sea

4.1.2.3 Signal Equipment

(1) Audible Signal Equipment—C

To comply with Chapter 16 of “Regulations for Safety of Fixed Offshore Platforms” promulgated by the State Economic and Trade Commission of the People's Republic of China

(2) Visual Signal Equipment---C

To comply with Chapter 16 of “Regulations for Safety of Fixed Offshore Platforms” promulgated by the State Economic and Trade Commission of the People's Republic of China

4.1.2.4 Pollution Prevention Equipment

Category A Equipment should be designed in compliance with related national standards (GB1914---Standards on Oil-water Discharges Produced in Offshore Oil Development) and fabricated according to the approved drawings.

(1) Oil-water separator/ Filter (engine room bilge)—B

Should comply with:

MARPOL 73/78 and ANNEX I/16 (6)&(7) as well as related amendments

Oil-water separating /filtering equipment and oil content meter

should comply with IMO Res. A.393(X) or A.444(XI).

(2) Oil-water separator / filter (production oil water)—A

(3) Oil discharge monitor & control system—B

Should comply with MARPOL 73/78 and ANNEX I/16 (5) as well as related amendments

For oil discharge monitor & control systems and oil content meter, please refer to IMO Res. A.586 (14)

(4) Slop Tank—A

(5) Holding Oil Water Disposal Tank—A

(6) Skimmed Oil Equipment & Cyclone—A

(7) CPI Separator, Floatation Separation Pit—A

(8) Sewage Treatment Plant—A

should comply with ANNEX IV to MARPOL 73/78 and related amendments.

4.2 Design Review

The applicant should submit the following plans & documents in quadruplicate to this Society for review.

4.2.1 Noted Drawings

- (1) General Arrangement
- (2) General Specifications (including project introduction, concept of design, design specifications & explanations for arrangement)
- (3) Hazardous Area Division
- (4) Rails, Access & Ladder Arrangement
- (5) Lighting & Emergency Lighting Arrangement
- (6) General Alarm System, Public Address System & Internal, Communication System Arrangement

4.2.2 Life-Saving Appliances

- (1) Escape Route Arrangement
- (2) Launching & Embarkation Arrangement for Lifeboat
- (3) Launching & Embarkation Arrangement for Rescueboat
- (4) Life-Saving Appliances Arrangement (including list of Life-Saving Appliance)
- (5) Strength Calculation Sheet for Launching appliances (if applicable)

4.2.3 Radio Equipment

- (1) Radio Communication Equipment Arrangement (Including Radio Room Arrangement)
- (2) Schematic Diagrams of Radio Communication Equipment
- (3) List of Radio Communication Equipment (Including Product Quality Certificates, Approval Administration & Number)
- (4) Antenna Arrangement
- (5) Calculation Sheet for Capacity of Reserve power source

4.2.4 Signal Equipment

- (1) Schematic Diagrams of Navigation Aids & Signal Equipment
- (2) Arrangement of Navigation Aids & Signal Equipment

4.2.5 Pollution Prevention Equipment

- (1) Oil Pollution Prevention Equipment
Schematic Diagrams of Production Oil-Water Treatment System & Piping

Schematic Diagrams of Bilge Treatment System & Piping in Machinery Space

Schematic Diagram of Sediment Water Treatment System & Piping

Schematic Diagrams of Discharge Oil Monitor & Control System

Calculation Sheet for Capacity of Sludge Oil Tank and Washing & Discharging Piping Arrangement

Calculation Sheet for Capacity of Holding Tank & Arrangement

Instruction for disposal of Leakage of Oil / gas in testing stage

P & I Diagrams for Open Drain / Close Drain system

(2) Equipment Preventing Sewage Pollution

Schematic Diagrams for Sewage Treatment System & Piping

Arrangement for Sewage System

Construction Diagrams of Operation Manual and Sewage Treatment Plant

Calculation Sheet for Capacity of Holding Tank and arrangement of holding tank

(3) Following Drawings for Category A equipment should be submitted, in addition.

General Plan for Equipment

Key Members & Components Drawings

Schematic Diagrams for Equipment

Schematic Diagrams for Control Panel

Calculation Sheet

Technical Specifications for Key Components

Fabricating Drawings & Workmanship

Procedures for function Test

4.3 On-Site Inspection

4.3.1 Life-Saving Appliances

(1) Checking product certificates for all life-saving appliances

(2) Checking compliance of number & arrangement for all life-saving appliances with the approved drawings, mainly including:

- Inspection & Testing of Davit & Launching Appliances
- Inspection & Testing of Lifeboat
- Inspection & Testing of Rescue boat Davit & Launching Appliances
- Inflatable Liferaft
- Lifebuoys
- Life-jacket

- Immersion Suits
- Rocket Parachute Flares
- First Aid Outfit
- Two-Way VHF Radiotelephone Apparatus
- Radar Transponders
- Muster List & Emergency Instructions

4.3.2 **Radio Communications Equipment**

After installation, radio communications equipment should be function tested (Including VHF Radiotelephone, MF/HF with DSC to stand-by ship, INMARSAT earth station to coast station, Two Way VHF. Public Address system and Radar Transponder & EPIRB Simulated test)

4.3.3 **Signal Equipment**

After installation, function test should be done to signal equipment.

4.3.4 **Pollution Prevention Equipment**

- (1) Equipment & Piping should be installed in compliance with the approved drawings.
- (2) Function test should be done
- (3) Function test should be done to oil discharge monitor & control system (including alarm & discharge-stopping devices).

4.4 **Inspection for Maintenance of Certificate**

To maintain validity of certificate, annual survey to above-mentioned equipment should be performed with certificate duly endorsed by the Society. For detailed requirements of annual survey, please refer to the survey checklist attached to this Circular.

5 **Documents issued after survey**

Upon completion of survey, the surveyor should issue relevant certificate, report or record. Documents relating to this Circular are detailed as follows. Other reports are to be issued with reference to the requirements in related instructions.

5.1 **Inspection of Life-Saving, Signal & Radio Communication Equipment**

(1) Initial Survey

- Fitness Certificate for Life-saving Appliances, Radio Communication Equipment & Signal Equipment of Offshore Installations (Form CSX)

- Supplement to Fitness Certificate for Life-saving Appliances , Radio Communication Equipment & Signal Equipment of Offshore Installations (Form S-CSX)
- Checklist of Initial / Periodical/ Annual Survey to Life-Saving Appliances, Radio Communication Equipment & Signal Equipment (Form C-CSX)

(2)Periodical/ Annual Survey

- Fitness Certificate for Life-Saving Appliances Radio Communication Equipment & Signal Equipment of Offshore Installations (Form CSX) (if renewed certificate)
- Check list of Initial/ Periodical/ Annual Survey to Life-saving Appliances, Radio Communication Equipment & Signal Equipment

5.2 Inspection of Pollution Prevention Equipment

(1)Initial Survey

- Oil Pollution Prevention Certificate For Offshore Installation (Form SCP)
- Supplement to Oil Pollution Prevention Certificate For floating Process/ Storage Unit (Form P-SCP) (applicable to FPSU)
- Checklist of Oil Pollution Prevention Equipment For floating Process/ Storage Unit (Form C-SCP-P) (applicable to FPSU)
- Supplement to Oil Pollution Prevention Certificate For fixed platform (Form F-SCP) (applicable to Fixed platform)
- Checklist of Oil Pollution Prevention Equipment for fixed platform (Form C-SCP-F) (applicable to Fixed platform)

(2)Periodical/ Annual Survey

- Oil Pollution Prevention Certificate For Offshore Installation (Form SCP) (if certificate renewed)
- Checklist of Oil Pollution Prevention Equipment For floating Process/ Storage Unit (Form C-SCP-P) (applicable to FPSU)
- Checklist of Oil Pollution Prevention Equipment for fixed platform (Form C-SCP-F) (applicable to Fixed platform)

6. Attachments

6.1 Oil Pollution Prevention Certificate for Offshore Installation (Form SCP)

6.2 Fitness Certificate for Life-saving Appliances, Radio Communication Equipment & Signal Equipment of Offshore Installations (Form CSX)

6.3 Supplement to Fitness Certificate for Life-saving Appliances, Radio Communication

Equipment & Signal Equipment of Offshore Installations (Form S-CSX)

6.4 Supplement to Oil Pollution Prevention Certificate For fixed platform (Form F-SCP)

6.5 Supplement to Oil Pollution Prevention Certificate For floating Process/ Storage Unit
(Form P-SCP)

6.6 Checklist of Oil Pollution Prevention Equipment for fixed platform (Form C-SCP-F)

6.7 Checklist of Initial / Periodical/ Annual Survey to Life-Saving Appliances,

Radio Communication Equipment & Signal Equipment (Form C-CSX)

6.8 Checklist of Oil Pollution Prevention Equipment for fixed platform (Form C-SCP-F)