

COUNCIL
29th extraordinary session
Agenda item 3

C/ES.29/3
21 September 2017
Original: ENGLISH

STRATEGY, PLANNING AND REFORM

Review of the outputs for the 2016-2017 biennium

Note by the Secretary-General

SUMMARY

| | |
|-----------------------------|---|
| <i>Executive summary:</i> | This document provides information on the status of the Organization's outputs for the 2016-2017 biennium |
| <i>Strategic direction:</i> | 4 |
| <i>High-level action:</i> | 4.0.3 |
| <i>Output:</i> | 4.0.3.1 |
| <i>Action to be taken:</i> | Paragraph 12 |
| <i>Related document:</i> | Resolution A.1098(29) |

Introduction

1 This document reports on the status of outputs for the 2016-2017 biennium as approved by the Assembly in resolution A.1098(29), including new outputs approved by the relevant IMO organs since the adoption of that resolution.

2 The information, set out in the annex, is provided in the tabular format required by the document on the *Application of the Strategic Plan and the High-level Action Plan of the Organization* (resolution A.1099(29)), on the status of delivery of 169 outputs that have been active during the 2016-2017 biennium. Of these, 162 constitute outputs within resolution A.1098(29). During the biennium, one output was deleted and two outputs were transferred to the post-biennial agenda for work to be carried out in future biennia. Ten new outputs were approved and included by the relevant IMO organs during the biennium.

3 The status of delivery has been projected at year-end based on information available in early September 2017, taking into account decisions taken by FAL 41, LEG 104, MEPC 71, MSC 98, TC 67 and C 118.

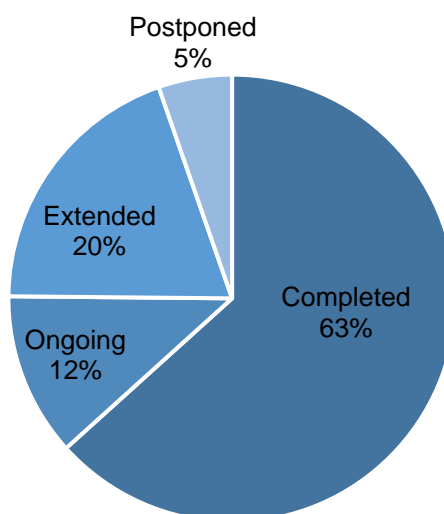
Analysis of the status of the Organization's outputs

4 Table 1 provides a summary of the total number of outputs for the period 2016-2017 and of their respective status, according to the designated target completion year¹. Figure 1 sets out the status of all outputs projected to the end of the biennium.

Table 1: Overview of status of outputs for the 2016-2017 biennium

| | | Status of outputs | | | | Total | % of total |
|---------------------|------------|-------------------|---------|----------|-----------|-------|------------|
| | | Completed | Ongoing | Extended | Postponed | | |
| Target completion | 2016 | 37 | - | 2 | - | 39 | 23% |
| | 2017 | 34 | - | 32 | 7 | 73 | 43% |
| | Annual | 36 | - | - | 1 | 37 | 22% |
| | Continuous | - | 20 | - | - | 20 | 12% |
| Total Status | | 107 | 20 | 34 | 8 | 169 | |
| % of total | | 63% | 12% | 20% | 5% | | 100% |

Figure 1: Status of planned outputs



5 Of the 169 biennial outputs, 63% have been completed and 12% are currently ongoing, as they are primarily continuous work by the IMO organs concerned. Of all outputs, 20% have been extended by the parent organ during the biennium owing to the nature of the work to be undertaken and completion is now expected in the next biennium. For 5% of outputs, no work had been carried out for a variety of reasons during the biennium, as a consequence, they have been postponed.

¹ As agreed by the Assembly in resolution A.1098(29).

6 With regard to the 10 new outputs approved during the 2016-2017 biennium by the parent organs and subsequently endorsed by the Council, two outputs have been completed, four have been extended and four have been postponed, because their target completion years fall into the next biennium.

7 The distribution of the status of outputs with target completion years "2016" (figure 2) and "2017" (figure 3) are presented below. All outputs with "continuous" as the target completion date were ongoing and all outputs with "annual" as target completion date were completed, and therefore no graphic representation is presented.

Figure 1: Status of outputs with target completion year 2016

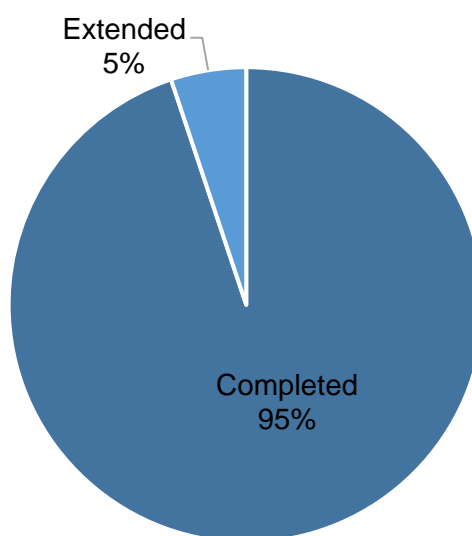
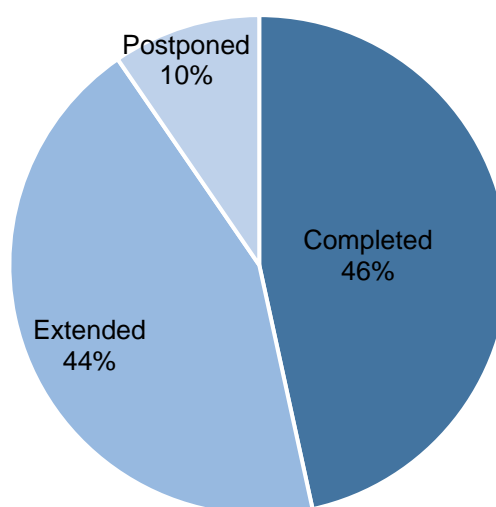


Figure 3: Status of outputs with target completion year 2017

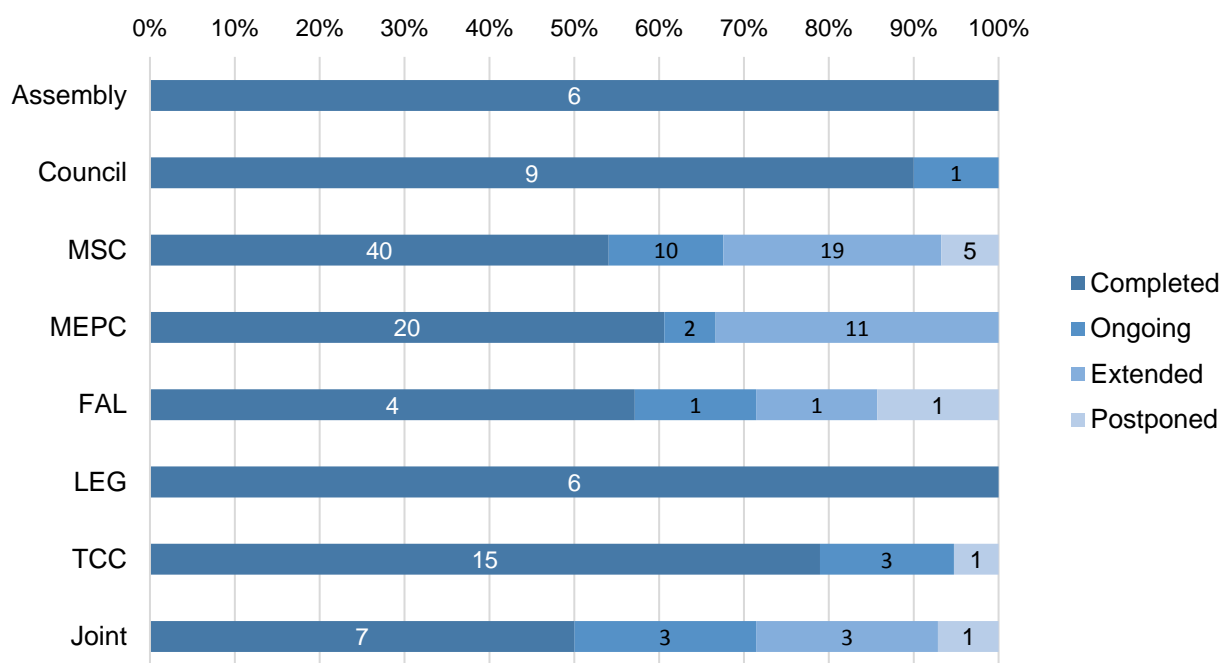


8 Table 2 and figure 4 provide the status of outputs by parent organ. The majority of outputs (63%) fall under the MSC and the MEPC, along with 14 outputs involving more than one organ, which are presented under the category "Joint".

Table 2: Status of outputs by parent organ

| Parent Organ | Status of outputs | | | | Total outputs | % of total |
|--------------------|-------------------|-----------|-----------|-----------|---------------|-------------|
| | Completed | Ongoing | Extended | Postponed | | |
| Assembly | 6 | - | - | - | 6 | 4% |
| Council | 9 | 1 | - | - | 10 | 6% |
| MSC | 40 | 10 | 19 | 5 | 74 | 44% |
| MEPC | 20 | 2 | 11 | - | 33 | 19% |
| FAL | 4 | 1 | 1 | 1 | 7 | 4% |
| LEG | 6 | - | - | - | 6 | 4% |
| TCC | 15 | 3 | - | 1 | 19 | 11% |
| Joint | 7 | 3 | 3 | 1 | 14 | 8% |
| Grand Total | 107 | 20 | 34 | 8 | 169 | 100% |

Figure 4: Status of the outputs by parent organ

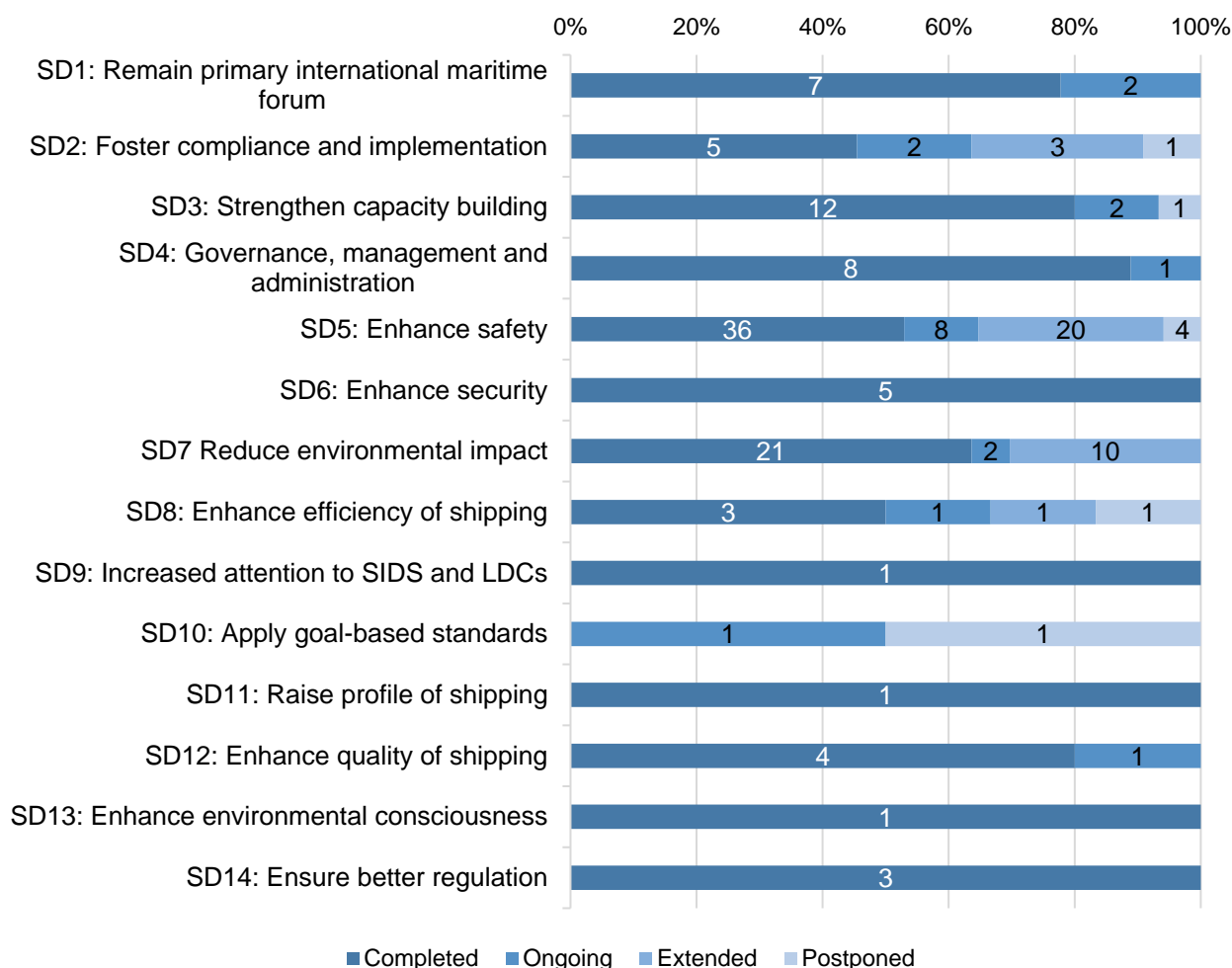


9 With regard to the 10 new outputs approved during the biennium, the MSC is the parent organ for eight of them, whilst the MEPC and FAL are the parent organs for one each.

10 Table 3 and figure 5 present the status of outputs distributed across each of the Strategic Plan's 14 strategic directions.

Table 3: Status of outputs by strategic direction

| Strategic Direction | Status of outputs | | | | Total outputs | % of total |
|--|-------------------|-----------|-----------|-----------|---------------|-------------|
| | Completed | Ongoing | Extended | Postponed | | |
| SD1: Remain primary international maritime forum | 7 | 2 | - | - | 9 | 5% |
| SD2: Foster compliance and implementation | 5 | 2 | 3 | 1 | 11 | 6% |
| SD3: Strengthen capacity building | 12 | 2 | - | 1 | 15 | 9% |
| SD4: Governance, management and administration | 8 | 1 | - | - | 9 | 5% |
| SD5: Enhance safety | 36 | 8 | 20 | 4 | 68 | 40% |
| SD6: Enhance security | 5 | - | - | - | 5 | 3% |
| SD7: Reduce environmental impact | 21 | 2 | 10 | - | 33 | 19% |
| SD8: Enhance efficiency of shipping | 3 | 1 | 1 | 1 | 6 | 4% |
| SD9: Increased attention to SIDS and LDCs | 1 | - | - | - | 1 | 1% |
| SD10: Apply goal-based standards | - | 1 | - | 1 | 2 | 1% |
| SD11: Raise profile of shipping | 1 | - | - | - | 1 | 1% |
| SD12: Enhance quality of shipping | 4 | 1 | - | - | 5 | 3% |
| SD13: Enhance environmental consciousness | 1 | - | - | - | 1 | 1% |
| SD14: Ensure better regulation | 3 | - | - | - | 3 | 2% |
| Total | 107 | 20 | 34 | 8 | 169 | 100% |

Figure 5: Status of outputs by strategic direction**Status details**

11 The details of the status of each output for the 2016-2017 biennium are set out in the annex. In accordance with the document on the Application of the Strategic Plan of the Organization (A.1099(29)), the entries under the "Status of output" columns are classified as follows:

- "completed" signifies that the output for the year in question has been duly finalized;
- "in progress" signifies that work on the output has been progressed, and that finalization is expected in the target completion year;
- "ongoing" signifies that the outputs relate to work of the respective IMO organs that is a permanent or continuous task;
- "postponed" signifies that the respective IMO organ has decided to defer the production of relevant outputs to another time (for example, until the receipt of corresponding submissions) and accordingly that the output has been introduced on the post-biennial agenda;

- "extended" signifies that further work is necessary and that the output will not be finalized as planned; and
- due to the nature of annual outputs, the status can either be "completed" or "postponed"

Action requested of the Council

12 The Council is invited to consider the information on the status of the Organization's outputs for the current biennium and decide as it may deem appropriate.

ANNEX
STATUS OF OUTPUTS FOR THE 2016-2017 BIENNIUM

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|--|------------------------|-----------------|------------------------------------|-----------------------|-----------------------------|-----------------------------|---|
| 1.1.1.1 | Cooperate with the United Nations on matters of mutual interest, as well as provide relevant input/guidance | 2017 | Assembly | MSC / MEPC / FAL / LEG / TCC | Council | | Completed | |
| Notes: | Matters to be reported to A 30 and expected to be finalized. | | | | | | | |
| 1.1.1.2 | Consideration of reports on the application of the joint IMO/ILO Guidelines on the fair treatment of seafarers and consequential further actions as necessary. | Annual | LEG | | | Postponed | Completed | LEG 104/15, paragraph 5.5 |
| 1.1.2.1 | Cooperate with other international bodies on matters of mutual interest, as well as provide relevant input/guidance | 2017 | Assembly | MSC / MEPC / FAL / LEG / TCC | Council | | Completed | |
| Notes: | Matters to be reported to A 30 and expected to be finalized. | | | | | | | |
| 1.1.2.2 | Response to matters related to the Radiocommunication ITU R Study Group and ITU World Radiocommunication Conference | Annual | MSC | NCSR | | Completed | Completed | MSC 97/22, paragraph 7.6 |
| 1.1.2.3 | Unified interpretation of provisions of IMO safety, security, and environment-related conventions | Continuous | MSC / MEPC | III / PPR / CCC / SDC / SSE / NCSR | | Ongoing | Ongoing | MEPC 69/21, paragraphs 19, 15.4.1; MEPC 70/18, paragraphs 2.3, 10.21, 17.13 and 17.27; MEPC 71/17, paragraphs 4.80, 5.22, 9.10, 10.7 and annexes 8 and 20; MSC 96/25, sections 8 and 11; MSC 97/22, sections 3, 7, 8, 9, 10 and 16; and MSC 98/23, sections 10, 11 and 12 |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|---|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|---|
| 1.2.1.1 | Agreements of cooperation with IGOs and approved consultative status for NGOs | 2017 | Assembly | Council | | | Completed | |
| Notes: | Matters to be reported to A 30 and expected to be finalized. | | | | | | | |
| 1.3.1.1 | Advice and guidance on issues under UNCLOS relevant to the role of the Organization | Annual | LEG | | | Completed | Completed | LEG 104/15, paragraph 12.11 |
| 1.3.4.1 | Amendments to the IAMSAR Manual | Continuous | MSC | NCSR | | Ongoing | Ongoing | |
| 1.3.4.2 | Consider reports on the issue of financial security in case of abandonment of seafarers, and shipowners' responsibilities in respect of contractual claims for personal injury to or death of seafarers, in light of the progress of the amendments to ILO MLC 2006 | 2017 | LEG | | | In progress | Completed | LEG 104/15, paragraph 4.18 |
| 2.0.1.1 | Amendments to the ESP Code | Continuous | MSC | SDC | | Ongoing | Ongoing | |
| 2.0.1.2 | Revised guidance on ballast water sampling and analysis | 2017 | MEPC | PPR | III | In progress | Extended | MEPC 68/21, paragraphs 7.14 and 17.26; MEPC 70/18, paragraph 4.47 |
| Notes: | Output postponed, new target date 2019. | | | | | | | |
| 2.0.1.3 | Provide advice and guidance on issues brought to the Committee in connection with implementation of IMO instruments | Annual | LEG | | | Completed | Completed | LEG 104/15, paragraphs 6.1-6.5 |
| 2.0.1.4 | Strategies developed to facilitate entry into force and harmonized interpretation of the HNS Protocol | 2017 | LEG | | | In progress | Completed | LEG 104/15, paragraphs 3.1-3.12 |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|------------------|---|------------------------|-----------------|------------------------------|-----------------------|-----------------------------|-----------------------------|--|
| 2.0.1.5 (New) | Amendments to SOLAS regulations II- 2/20.2 and II 2/20-1 to clarify the fire safety requirements for cargo spaces containing vehicles with fuel in their tanks for their own propulsion | 2017 | MSC | SSE | CCC | In progress | Completed | MSC 96/25, paragraph 23.6; MSC 98/23, paragraphs 3.14 to 3.17, 3.59 and 3.61 to 3.63 |
| 2.0.1.6 (New) | Review the Model Agreement for the authorization of recognized organizations acting on behalf of the Administration (2018) | 2017 | MSC | III | | | Postponed | MSC 97/22, paragraph 19.7 |
| Notes: | Endorsed by C 118. | | | | | | | |
| 2.0.2.1 | Analysis of consolidated audit summary reports | Annual | Assembly | MSC / MEPC / LEG / TCC / III | Council | | Completed | |
| Notes: | Matters to be reported to A 30 and expected to be finalized. | | | | | | | |
| 2.0.2.2 | Capacity-building aspects of the IMO Audit Scheme reflected in and implemented through the Integrated Technical Cooperation Programme (ITCP) | Continuous | TCC | | | Ongoing | Ongoing | TC 66/15, paragraphs 7.1-7.5; TC 67/17, paragraphs 7.1-7.8 |
| 2.0.3.1 | Further development of the provision of global maritime SAR services | 2017 | MSC | NCSR | | In progress | Extended | |
| Notes: | Target completion year extended to 2019. | | | | | | | |
| 2.0.3.2 | Guidelines on harmonized aeronautical and maritime search and rescue procedures, including SAR training matters | 2017 | MSC | NCSR | | In progress | Extended | |
| Notes: | Target completion year extended to 2019. | | | | | | | |
| 2.0.3.3 | Revised guidelines for preparing plans for cooperation between search and rescue services and passenger ships (MSC.1/Circ.1079) | 2017 | MSC | NCSR | | In progress | Completed | MSC 95/22, paragraph 19.11; MSC 98/23, paragraph 11.34 |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|--|------------------------|-----------------|------------------------|-----------------------|-----------------------------|-----------------------------|---|
| 3.1.1.1 | Analysis and consideration of reports on partnership arrangements for, and implementation of, environmental programmes | Annual | TCC | MEPC | | Completed | Completed | TC 66/15, paragraphs 6.10-6.15; TC 67/17, paragraphs 6.6-6.11 |
| 3.1.2.1 | Revised resolution A.965(23) on Development and improvement of partnership arrangements for technical cooperation | 2017 | TCC | | | In progress | Completed | TC 67/17, paragraphs 5.23 to 5.26 |
| Notes: | TCC decided to change the description and amend the target date to annual. | | | | | | | |
| 3.1.3.1 | Monitoring of ITCP programme implemented on the enhancement of maritime training capacities, including middle and senior management levels | Annual | TCC | | | Completed | Completed | TC 66/15, paragraphs 9.1-9.6; TC 67/17, paragraphs 9.1-9.21 |
| 3.2.1.1 | Monitoring of TCDC reflected in the ITCP and partnerships | Continuous | TCC | | | Ongoing | Ongoing | |
| 3.2.1.2 | Analysis and consideration of reports on the TC Fund, voluntary trust funds, multi/bilateral funds, cash contributions and in-kind support under the ITCP | Annual | TCC | | | Completed | Completed | TC 66/15, paragraphs 3.1-3.11 and 4.1-4.5; TC 67/17, paragraphs 3.1-3.10 and 4.14-4.18; |
| 3.2.2.1 | Analysis and consideration of reports on the implementation of the approved mechanism for sustainable financing of the ITCP | Annual | TCC | | | Completed | Completed | TC 66/15, paragraphs 4.1-4.5 ; TC 67/17, paragraphs 4.14-4.27 |
| 3.3.1.1 | Identification of the linkages between the Integrated Technical Cooperation Programme (ITCP) and the 2030 Agenda for Sustainable Development, including the Sustainable Development Goals (SDGs) | 2017 | TCC | | | In progress | Completed | TC 67/17, paragraphs 5.12-5.22 |
| 3.4.1.1 | Input on identifying emerging needs of developing countries, in particular SIDS and LDCs to be included in the ITCP | Continuous | TCC | MSC / MEPC / FAL / LEG | | Ongoing | Ongoing | TC 67/17, paragraphs 3.14-3.22 |
| 3.4.1.2 | Approve ITCP for 2018-2019 | 2017 | TCC | | | In progress | Completed | TC 67/17, paragraph 3.21 |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|--|------------------------|-----------------|------------------------------|-----------------------|-----------------------------|-----------------------------|--|
| 3.5.1.1 | Identify thematic priorities within the area of maritime safety and security, marine environmental protection, facilitation of maritime traffic and maritime legislation | Annual | TCC | MSC / MEPC / FAL / LEG | | Postponed | Completed | TC 67/17, paragraphs 3.14-3.22 |
| 3.5.1.2 | Input to the ITCP on emerging issues relating to sustainable development and achievement of the MDGs | 2017 | TCC | MSC / FAL / LEG / MEPC | | In progress | Completed | TC 67/17, paragraphs 3.14-3.24- |
| 3.5.2.1 | Analysis and consideration of reports on strengthened regional associations for women managers in the maritime sector | Annual | TCC | | | Completed | Postponed | TC 66/15, paragraphs 8.1-8.9; TC 67/17, paragraph 8.1 |
| 3.5.3.1 | Monitoring measures on new and cost-effective measures to deliver technical assistance | Annual | TCC | | | Completed | Completed | TC 66/15, paragraphs 4.1-4.5 and 6.10-6.15; TC 67/17, paragraphs 4.8-4.27 and 6.6-6.11 |
| 3.5.3.2 | Analysis and consideration of reports on National Maritime Transport Policy development and Country Maritime Profiles | Annual | TCC | | | Completed | Completed | TC 66/15, paragraphs 5.1-5.13; TC 67/17, paragraphs 5.1-5.11 |
| 3.5.4.1 | Analysis and consideration of the report on the ITCP Impact Assessment Exercise covering 2012-2015 | 2016 | TCC | | | Completed | Completed | TC 67/17, paragraphs 10.1-10.5 |
| 4.0.1.1 | Approved accounts and audited financial reports | 2017 | Assembly | Council | | | Completed | |
| Notes: | Matters to be reported to A 30 and expected to be finalized. | | | | | | | |
| 4.0.1.2 | Approved annual report on ITCP implementation | Annual | TCC | | | Completed | Completed | TC 66/15, paragraphs 3.1-3.11; TC 67/17, paragraphs 3.1-3.10 |
| 4.0.1.3 | Endorsed proposals for new outputs for the 2016-2017 biennium as accepted by the Committees | Annual | Council | MSC / MEPC / FAL / LEG / TCC | | Completed | Completed | C 116/D, paragraphs 7.4(i); C 118/D, paragraph 3.5 |

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|---------------|---|------------------------|-----------------|------------------------------|-----------------------|-----------------------------|-----------------------------|--|
| 4.0.1.4 | Consideration of reports on the management of the financial and human resources | Annual | Council | | | Completed | Completed | C 116/D, paragraphs 4.(a).1-4.(e).3 |
| 4.0.2.1 | Endorsed proposals for the development, maintenance and enhancement of information systems and related guidance (GISIS, websites, etc.) | Continuous | Council | MSC / MEPC / FAL / LEG / TCC | | Ongoing | Ongoing | C117/D, paragraph 13.3 |
| 4.0.3.1 | Development of a new strategic framework for the Organization for 2018-2023 | 2017 | Council | MSC / FAL / LEG / TCC / MEPC | | In progress | Completed | C 116/D, paragraphs 4.3-4.6; C 117/D , paragraphs 3.2-3.7; C 118/D, paragraph 3.1-3.11 |
| 4.0.3.2 | Comprehensive, transparent, deliverable and adopted strategic framework for 2018-2023, including associated guidelines, and results-based budget for 2018-2019 | 2017 | Assembly | Council | | | Completed | |
| Notes: | Matters to be reported to A 30 and expected to be finalized. | | | | | | | |
| 4.0.4.1 | Review the Secretariat's Risk Management Exercise for the 2016-2017 biennium | 2016 | Council | | | Completed | | C 116/D, paragraph 4.2 |
| 4.0.5.1 | Revised guidelines on organization and method of work, as appropriate | 2016 | Council | MSC / FAL / LEG / TCC / MEPC | | Completed | | C 116/D, paragraph 4.8; C 118/D, paragraph 3.10 |
| 5.1.1.1 | Guidelines on safe return to port for passenger ships | 2016 | MSC | SDC | | Completed | | MSC 81/25, paragraph 23.54; MSC 96/25, paragraph 11.10 |
| 5.1.1.2 | Clarification of the requirements in SOLAS chapter II-2 for fire integrity of windows on passenger ships carrying not more than 36 passengers and special purpose ships with more than 60 (but no more than 240) persons on board | 2017 | MSC | SSE | | Completed | | MSC 95/22, paragraph 19.30; MSC 97/22, paragraphs 8.6 and 8.7 |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|---|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|--|
| 5.1.1.3 | Amendments to SOLAS and FSS Code to make evacuation analysis mandatory for new passenger ships and review of the Recommendation on evacuation analysis for new and existing passenger ships | 2016 | MSC | SDC | | Extended | Completed | MSC 83/28, paragraph 25.25; MSC 93/22, paragraph 20.11; MSC 96/25, paragraph 11.13; MSC 96/25, paragraph 11.15; and MSC 98/23, paragraph 10.12 |
| Notes: | Target completion year extended to 2017 (MSC 96/25, paragraph 23.25). | | | | | | | |
| 5.1.1.4 | Development of life safety performance criteria for alternative design and arrangements for fire safety (MSC.1/Circ.1002) | 2016 | MSC | SSE | | Completed | | MSC 90/28, paragraph 25.12; MSC 97/22, paragraph 8.2 |
| 5.1.1.5 | Passenger ship safety | 2017 | MSC | | | Completed | | MSC 96/25, paragraph 6.6 |
| 5.1.1.6 | Amendments to SOLAS chapter II-1 and associated guidelines on damage control drills for passenger ships | 2016 | MSC | HTW | SDC | Extended | Completed | MSC 93/22, paragraphs 6.28.4, 20.5 and 20.14; MSC 97/22, paragraphs 3.11 and 3.23; and MSC 98/23, paragraph 3.62 |
| Notes: | Target date extended to 2017 (MSC 97/22, paragraphs 3.11 and 3.23). | | | | | | | |
| 5.1.2.1 | Making the provisions of MSC.1/Circ.1206/Rev.1 mandatory | 2016 | MSC | SSE | | Extended | Completed | MSC 95/22, paragraphs 12.36 and 19.29; MSC 96/25, paragraphs 3.82, 3.86 and 8.15; MSC 98/23, paragraphs 12.19 and 12.20 |
| Notes: | Target completion year extended to 2017. | | | | | | | |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|--|------------------------|-----------------|-----------------------|-----------------------|-----------------------------|-----------------------------|---|
| 5.1.2.2 | Measures to protect the safety of persons rescued at sea | 2017 | MSC / FAL | III | NCSR | In progress | Extended / Postponed | MSC 98/23, paragraph 11.1; FAL 41/17, paragraph 6.4 |
| Notes: | MSC 98 extended the target date to 2019 (MSC 98/23, paragraph 11.1). FAL 41 agreed to include this output in the post-biennial agenda with the intention to revisit this decision during FAL 42 (FAL 41/17, paragraph 6.4). | | | | | | | |
| 5.1.2.3 | IMO's contribution to addressing Unsafe Mixed Migration by Sea | 2017 | MSC / FAL / LEG | | | In progress | Extended | FAL 41/17, paragraph 7.15, MSC 98/23, paragraph 16.14 |
| Notes: | Target completion year extended to 2018 (FAL 41/17, paragraph 7.15, MSC 98/23, paragraph 16.14). | | | | | | | |
| 5.1.2.4 | Revision of requirements for escape route signs and equipment location markings in SOLAS and related instruments | 2016 | MSC | HTW | SSE | Extended | Completed | MSC 94/21, paragraph 18.24; MSC 98/23, paragraph 12.31 and annex 24 |
| Notes: | Target completion year extended to 2017. | | | | | | | |
| 5.1.2.5 (New) | Develop new requirements for ventilation of survival crafts (2018) | 2017 | MSC | SSE | | | Postponed | MSC 97/22, paragraph 19.22; |
| Notes: | Progress as planned. The actual target completion year is 2018. | | | | | | | |
| 5.2.1.1 | Revised SOLAS regulation II-1/3-8 and associated guidelines (MSC.1/Circ.1175) and new guidelines for safe mooring operations for all ships | 2017 | MSC | HTW / SSE | SDC | In progress | Extended | MSC 95/22, paragraph 19.22; |
| Notes: | Target completion year extended to 2019 (MSC 98/23, paragraph 10.20). | | | | | | | |
| 5.2.1.2 | Amendments to the IGF Code and development of guidelines for low-flashpoint fuels | 2016 | MSC | HTW / PPR / SDC / SSE | CCC | Extended | Extended | MSC 94/21, paragraphs 18.5 and 18.6; MSC 96/25, paragraphs 10.1 to 10.3 |
| Notes: | MSC 97 extended the target completion year to 2017 (MSC 97/22, paragraph 19.2). MSC 98 granted a further extension until 2019 taking into account that, based on the relevant submissions to CCC 4, the Sub-Committee was unlikely to complete the output by 2017 (MSC 98/23, annex 38). | | | | | | | |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|--|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|---|
| 5.2.1.3 | Revision of requirements for automatic sprinkler systems | 2016 | MSC | | | Completed | | Resolution MSC.403(96) |
| 5.2.1.4 | Mandatory instrument and/or provisions addressing safety standards for the carriage of more than 12 industrial personnel on board vessels engaged on international voyages | 2017 | MSC | SDC | | In progress | Postponed | MSC 95/22, paragraphs 10.13 and 19.25; MSC 96/25, paragraphs 7.10 and 7.12; MSC 97/22, paragraphs 6.22 to 6.25; |
| Notes: | Progressed as planned. The actual target completion year is 2020. | | | | | | | |
| 5.2.1.5 | Revised SOLAS regulations II-1/13 and II-1/13-1 and other related regulations for new ships | 2017 | MSC | SDC | SSE | In progress | Extended | MSC 95/22, paragraphs 19.20 and 19.32; MSC 98/23, annex 38 |
| Notes: | Target completion year extended to 2019. | | | | | | | |
| 5.2.1.6 | Revision of section 3 of the <i>Guidelines for damage control plans and information to the master</i> (MSC.1/Circ.1245) for passenger ships | 2017 | MSC | SDC | | In progress | Completed | MSC 93/22, paragraphs 6.28 and 20.15; and MSC 98/23, paragraph 10.13 |
| 5.2.1.7 | Computerized stability support for the master in case of flooding for existing passenger ships | 2016 | MSC | SDC | | Extended | Extended | MSC 94/21, paragraph 18.20; |
| Notes: | Target completion year extended to 2018 (MSC 98/23, paragraph 10.11). | | | | | | | |
| 5.2.1.8 | Review of flashpoint requirements for oil fuel in SOLAS chapter II-2 | 2016 | MSC | | | Completed | | MSC 96/25, paragraph 10.2 |
| 5.2.1.9 | Safety requirements for carriage of liquefied hydrogen in bulk | 2016 | MSC | CCC | | Completed | | MSC 94/21, paragraph 18.3; MSC 97/22, paragraph 10.2 |
| 5.2.1.10 | Safety objectives and functional requirements of the Guidelines on alternative design and arrangements for SOLAS chapters II-1 and III | 2017 | MSC | SSE | | In progress | Extended | MSC 82/24, paragraph 3.92; MSC 98/23, annex 38 |
| Notes: | Target completion year extended to 2019. | | | | | | | |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|--|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|--|
| 5.2.1.11 | Amendments to the <i>Guidelines for vessels with dynamic positioning (DP) systems</i> (MSC/Circ.645) | 2016 | MSC | SSE | | Extended | Completed | MSC 90/28, paragraph 25.35; MSC 98/23, paragraph 12.30 |
| Notes: | Target completion year extended to 2017. | | | | | | | |
| 5.2.1.12 | Finalization of second generation intact stability criteria (2019) | 2017 | MSC | SDC | | In progress | Postponed | MSC 85/26, paragraphs 12.7 and 23.42; |
| Notes: | Progressed as planned. The actual target completion year is 2019. | | | | | | | |
| 5.2.1.13 | Amendments to SOLAS regulations II-1/6 and II-1/8-1 | 2017 | MSC | SDC | | In progress | Extended | MSC 85/26, paragraph 23.35; MSC 97/22, paragraph 3.11; |
| Notes: | Target completion year extended to 2019 and the existing description replaced with "Amendments to SOLAS regulation II-1/8-1 on the availability of passenger ships' electrical power supply in cases of flooding from side raking damage" (MSC 98/23, paragraph 10.3). | | | | | | | |
| 5.2.1.14 | Review of the MODU Code, LSA Code and MSC.1/Circ.1206/Rev.1 | 2016 | MSC | HTW | SSE | Extended | Completed | MSC 93/22, paragraph 20.17; MSC 98/23, paragraph 12.24 |
| Notes: | Target completion year extended to 2017. | | | | | | | |
| 5.2.1.15 | Consequential work related to the new Code for ships operating in polar waters | 2017 | MSC / MEPC | NCSR / PPR / SSE | SDC | In progress | Extended / Completed | MSC 93/22, paragraphs 10.44, 10.50 and 20.12; MSC 96/25, paragraph 3.77; MSC 97/22, paragraphs 8.32 and 19.25; MSC 98/23, annex 38 MEPC 68/21, paragraph 6.13; MEPC 68/21/Add.1, annex 10 |
| Notes: | MSC 98 extended target completion year to 2019 (MSC 98/23, annex 38). | | | | | | | |
| 5.2.1.16 | Finalization of a non-mandatory instrument on regulations for non-convention ships | 2017 | MSC | | | In progress | Extended | |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|--|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|--|
| 5.2.1.17 | Updated Survey Guidelines under the Harmonized System of Survey and Certification (HSSC) | Annual | MSC / MEPC | III | | Completed | Completed | MEPC 69/21, paragraph 13.7; MEPC 70/18, paragraphs 10.20 and 10.22; MEPC 71/17, paragraph 4.41 |
| 5.2.1.18 | Review the Guidelines on minimum training and education for mooring personnel | 2016 | FAL | | | Completed | | FAL 40/19, paragraph 10.10 |
| 5.2.1.20 | Non-exhaustive list of obligations under instruments relevant to the IMO Instruments Implementation Code (III Code) | Annual | MSC / MEPC | III | | Completed | Completed | MEPC 64/23, paragraph 11.49; MSC 91/22, paragraph 10.30; MEPC 69/21, paragraph 13.8 |
| 5.2.1.21 | Guidelines for use of Fibre Reinforced Plastics (FRP) within ship structures | 2017 | MSC | SDC | | In progress | Completed | MSC 95/22, paragraph 10.16; and MSC 98/23, paragraph 10.21 |
| Notes: | Output moved to the post-biennial agenda (MSC 98/23, paragraph 10.22). | | | | | | | |
| 5.2.1.22 | Requirements for onboard lifting appliances and winches | 2017 | MSC | SSE | | In progress | Extended | MSC 89/25, paragraph 22.26; MSC 98/23, annex 38 |
| Notes: | Based on the scope of the draft SOLAS regulation, the Committee has approved the change of the existing title of the output to "Requirements for onboard lifting appliances and anchor handling winches". Target completion year extended to 2019. | | | | | | | |
| 5.2.1.24 | Amendments to Part B of the 2008 IS Code on towing, lifting and anchor handling operations | 2016 | MSC | SDC | | Completed | | MSC 88/26, paragraph 23.36; MSC 97/22, paragraphs 3.88 and 3.89 |
| 5.2.1.25 | Amendments to the requirements for foam-type fire extinguishers in SOLAS regulation II 2/10.5 | 2016 | MSC | | | Completed | | MSC 96/25, paragraph 8.2 |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|-------------------|--|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|--|
| 5.2.1.26 (New) | Suitability of high manganese austenitic steel for cryogenic service and development of any necessary amendments to the IGC Code and IGF Code | 2017 | MSC | CCC | | In progress | Extended | MSC 96/25 paragraph 23.4; |
| Notes: | MSC 98 extended the target completion year to 2019 taking into account that, based on the relevant submissions to CCC 4, it was considered possible that the Sub-Committee would be unable to complete the output by 2017 (MSC 98/23, annex 38). | | | | | | | |
| 5.2.1.27 (New) | Amendments to the FSS Code for CO2 pipelines in under-deck passageways | 2017 | MSC | SSE | | In progress | Extended | MSC 96/25, paragraph 23.26; MSC 98/23, annex 38 |
| Notes: | Target completion year extended to 2018. | | | | | | | |
| 5.2.1.28 (New) | Uniform implementation of paragraph 6.1.1.3 of the LSA Code | 2017 | MSC | SSE | | In progress | Extended | MSC 96/25, paragraph 23.28; MSC 98/23, paragraph 12.23 |
| Notes: | MSC 98 agreed to instruct SSE 5 to further consider the draft amendment to paragraph 6.1.1.3 of the LSA Code and approved an extension of the target completion year until 2018. | | | | | | | |
| 5.2.1.29 (New) | Review SOLAS chapter II-2 and associated codes to minimize the incidence and consequences of fires on ro-ro spaces and special category spaces of new and existing ro-ro passenger ships (2019) | 2017 | MSC | HTW / SDC | SSE | In progress | Postponed | MSC 97/22, paragraph 19.19 |
| Notes: | Endorsed by C 118. | | | | | | | |
| 5.2.2.1 | Guidance for the implementation of the 2010 Manila Amendments | 2017 | MSC | HTW | | In progress | Extended | |
| Notes: | MSC 98 (MSC 98/23, paragraph 9.2) renamed the output as "Guidance for STCW Code, section B-1/2" and extended the TCY to 2018. | | | | | | | |
| 5.2.2.2 | Review of STCW passenger ship-specific safety training | 2016 | MSC | HTW | | Completed | | MSC 96/25, paragraph 12.5 |
| 5.2.2.3 | Validated model training courses | Continuous | MSC | HTW | | Ongoing | Ongoing | |
| 5.2.2.4 | Reports on unlawful practices associated with certificates of competency | Annual | MSC | HTW | | Completed | Completed | |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|---|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|--|
| 5.2.2.5 | Reports to the MSC on information communicated by STCW Parties | Annual | MSC | | | Completed | Completed | |
| 5.2.2.6 | Guidelines for shipowners and seafarers for implementation of relevant IMO instruments in relation to the carriage of dangerous goods in packaged form by sea | 2016 | MSC | | | Completed | | MSC.1/Circ.1520 |
| 5.2.3.1 | Amendments to CSC 1972 and associated circulars | 2016 | MSC | | | Completed | | MSC 96/25, paragraph 10.8 |
| 5.2.3.2 | Revised Guidelines for packing of cargo transport units | 2016 | MSC | | | Completed | | MSC.1/Circ.1442 |
| 5.2.3.3 | Amendments to the IMSBC Code and supplements | Continuous | MSC / MEPC | CCC | | Ongoing | Ongoing | MSC 86/26, paragraph 7.2; MSC 98/23, paragraph 3.72 to 3.78; MEPC 69/21, paragraph 13.19; MEPC 71/14, paragraph 10.5 and resolution MEPC.295(71) |
| 5.2.3.4 | Amendments to the IMDG Code and supplements | Continuous | MSC | CCC | | Ongoing | Ongoing | MSC 75/24, paragraph 7.36; |
| 5.2.4.1 | Routeing measures and mandatory ship reporting systems | Continuous | MSC | NCSR | | Ongoing | Ongoing | MSC 96/25, paragraphs 14.2 to 14.5 |
| 5.2.4.2 | Updates to the LRIT system | Continuous | MSC | NCSR | | Ongoing | Ongoing | MSC 97/22, paragraph 7.3 |
| 5.2.4.3 | Amendment to the General Provisions on Ships' Routeing (resolution A.572(14)) on establishing multiple structures at sea | 2016 | MSC | NCSR | | Completed | | Resolution MSC.419(97) |
| 5.2.4.4 | Interconnection of NAVTEX and Inmarsat SafetyNET receivers and their display on Integrated Navigation Display Systems | 2016 | MSC | NCSR | | Extended | Completed | MSC 96/25, paragraph 23.22; MSC 98/23, paragraphs 11.7 to 11.11 |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|---|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|---|
| 5.2.4.5 | Guidelines associated with multi-system shipborne radionavigation receivers dealing with the harmonized provision of PNT data and integrity information | 2017 | MSC | NCSR | | In progress | Completed | MSC 98/23, paragraphs 11.12 and 11.13 |
| 5.2.4.6 | Recognition of Galileo as a component of the WWRNS | 2016 | MSC | NCSR | | Completed | | MSC 96/25, paragraph 14.6 |
| 5.2.5.1 | Updating of the GMDSS Master Plan and guidelines on MSI (maritime safety information) | Continuous | MSC | NCSR | | Ongoing | Ongoing | MSC 97/22, paragraphs 7.4 and 7.5 |
| 5.2.5.2 | Completion of the detailed review of the Global Maritime Distress and Safety System (GMDSS) | 2016 | MSC | HTW | NCSR | Completed | | MSC 90/28, paragraph 25.18; MSC 96/25, paragraph 14.9 |
| 5.2.5.3 | Draft Modernization Plan of the Global Maritime Distress and Safety System (GMDSS) (2018) | 2017 | MSC | HTW | NCSR | In progress | Completed | MSC 90/28, paragraph 25.18; MSC 96/25, paragraph 14.9; MSC 98/23, paragraph 11.21 |
| 5.2.5.4 | Developments in GMDSS satellite services | Continuous | MSC | NCSR | | Ongoing | Ongoing | MSC 96/25, paragraph 14.17; MSC 98/23, paragraphs 11.30 to 11.32 |
| Notes: | Description changed from "Analysis of information on developments in Inmarsat and Cospas-Sarsat" to "Developments in GMDSS satellite services". | | | | | | | |
| 5.2.5.5 | Revised Performance Standards for EPIRBs operating on 406 MHz (resolution A.810(19)) to include Cospas-Sarsat MEOSAR and second-generation beacons | 2017 | MSC | NCSR | | In progress | Extended | |
| Notes: | MSC extended the target completion year to 2018. | | | | | | | |
| 5.2.5.6 | Performance Standards for ship-borne GMDSS equipment to accommodate additional providers of GMDSS satellite services | 2016 | MSC | NCSR | | Extended | Completed | MSC 96/25, paragraph 14.8; MSC 98/23, paragraphs 11.16 to 11.20 |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|---|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|--|
| 5.2.5.7 | Analysis of developments in maritime radiocommunication systems and technology | 2017 | MSC | NCSR | | In progress | Completed | MSC 96/25, paragraph 14.7 |
| 5.2.5.8 (New) | Review SOLAS chapter IV and appendix (Certificates: Forms P, R and C) to accommodate additional mobile satellite systems | 2017 | MSC | NCSR | | | Completed | MSC 96/25 paragraph 23.18; MSC 98/23, paragraphs 11.22 to 11.29 |
| 5.2.6.1 | Additional modules to the Revised Performance Standards for Integrated Navigation Systems (INS) (resolution MSC.252(83) relating to the harmonization of bridge design and display of information | 2017 | MSC | NCSR | | In progress | Extended | MSC 98/23, paragraphs 11.8 and 11.9 |
| Notes: | MSC extended the target completion year 2019. | | | | | | | |
| 5.2.6.2 | Guidelines for the harmonized display of navigation information received via communications equipment | 2017 | MSC | NCSR | | In progress | Extended | |
| Notes: | MSC extended the target completion year to 2018. | | | | | | | |
| 5.2.6.3 | Revised Guidelines and criteria for ship reporting systems (resolution MSC.43(64)) | 2017 | MSC | NCSR | | In progress | Completed | MSC 98/23, paragraph 11.14 |
| 5.3.1.1 | Measures to harmonize port State control (PSC) activities and procedures worldwide | Continuous | MSC / MEPC | HTW / PPR / NCSR | III | Ongoing | Ongoing | MEPC 66/21, paragraph 18.8; MSC 94/21, paragraph 18.2.1; MEPC 68/21, paragraph 17.3; MEPC 70/18, paragraphs 2.2, 5.18 to 5.20 and 15.20; MSC 97/22, paragraph 19.8 |
| Notes: | MEPC 70 and MSC 97 agreed to amend the output to reflect the coordinating role of III and to add PPR, NCSR and HTW as associated organs. | | | | | | | |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|--|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|---|
| 5.4.1.1 | Comprehensive review of the 1995 STCW-F Convention (2018) | 2017 | MSC | HTW | | In progress | Extended | |
| 5.4.1.2 | Revision of the Guidelines on Fatigue | 2017 | MSC | HTW | | In progress | Extended | MSC 95/22, paragraph 19.18; MSC 98/23, paragraph 9.8; |
| Notes: | MSC 98 extended the TCY to 2018. | | | | | | | |
| 6.1.1.1 | Guidelines and guidance on the implementation and interpretation of SOLAS chapter XI-2 and the ISPS Code | Annual | MSC | | | Postponed | Completed | MSC 98/23, paragraphs 5.28 to 5.30 |
| 6.1.1.2 | Guidelines on the facilitation aspects of protecting the maritime transport network from cyberthreats | 2016 | FAL | | | Extended | Completed | FAL 39/16, paragraph 13.2; FAL 41/17, paragraph 9.7 |
| Notes: | Target completion year extended to 2017 (FAL 40, paragraph 9.12). | | | | | | | |
| 6.2.1.1 | Consideration and analysis of reports on piracy and armed robbery against ships | Annual | MSC | | | Completed | Completed | MSC 97/22, paragraph 14.1; MSC 98/23, paragraph 15.1 |
| 6.2.1.2 | Revised guidance relating to the prevention of piracy and armed robbery to reflect emerging trends and behaviour patterns | Annual | MSC | LEG | | Postponed | Completed | MSC 98/23, paragraphs 15.14, 15.27 and 15.32 |
| 6.2.2.1 | Provide advice and guidance to support international efforts to ensure effective prosecution of perpetrators (piracy); and to support availability of information on comprehensive national legislation and judicial capacity-building | Annual | LEG | | | Completed | Completed | LEG 103/14, paragraphs 6.3 and 11.17 |
| Notes: | LEG 103 decided to change the description of the output. New title: Provide advice and guidance to support availability of information on comprehensive national legislation and judicial capacity-building. | | | | | | | |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|---|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|--|
| 7.1.1.1 | Mandatory requirements for classification and declaration of solid bulk cargoes as harmful to the marine environment | 2017 | MEPC | CCC | | Completed | | MEPC 68/21, paragraphs 12.35, 17.16 and 17.17; MSC 95/22, paragraph 19.1; MEPC 69/21, paragraphs 13.13 to 13.21; MSC 96/25, paragraphs 10.14 and 10.15; MEPC 70/18, paragraphs 3.30 to 3.32; MSC 97/22, paragraph 10.6; MSC 98/23, paragraphs 3.72 to 3.78 |
| 7.1.2.1 | Review of the guidelines for approval of ballast water management systems (G8) | 2017 | MEPC | PPR | | In progress | Completed | MEPC 70/18, section 4.16.2; MEPC 71/17, paragraphs 4.181 to 4.83 and annex 5 |
| 7.1.2.2 | Designated Special Areas and PSSAs and their associated protective measures | Continuous | MEPC | NCSR | | Ongoing | Ongoing | MEPC 68/21, paragraph 10.11; MEPC 70/18, paragraphs, 5.94.4 and 5.63; MEPC 71/17, paragraphs 3.16 and 3.17, resolution MEPC.286(71) and section 8; |
| Notes: | MEPC 70 agreed to amend the title to "Designated Special Areas, Emission Control Areas and PSSAs and associated protective measures". | | | | | | | |
| 7.1.2.3 | Code for the transport and handling of limited amounts of hazardous and noxious liquid substances in bulk on offshore support vessels | 2017 | MSC / MEPC | SDC / SSE | PPR | In progress | Completed | MEPC 71/17, paragraphs 9.8, 17.1.3 and annex 19 |
| 7.1.2.4 | Approved ballast water management systems which make use of Active Substances, taking into account recommendations of the GESAMP-BWWG | Annual | MEPC | | | Completed | Completed | MEPC 70/18, section 4; MEPC 71/17, section 4 |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|--|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|--|
| 7.1.2.5 | Production of a manual entitled "Ballast Water Management - how to do it" | 2017 | MEPC | PPR | | In progress | Completed | MEPC 71/17, paragraph 4.93 and annex 11 |
| 7.1.2.6 | Revised section II of the Manual on Oil Pollution-Contingency planning | 2017 | MEPC | PPR | | Completed | | MEPC 70/18, paragraph 9.7 |
| 7.1.2.7 | Guide on Oil Spill Response in Ice and Snow Conditions | 2016 | MEPC | PPR | | Completed | | MEPC 70/18, paragraph 9.8 |
| 7.1.2.8 | Updated IMO Dispersant Guidelines | 2017 | MEPC | PPR | | In progress | Extended | |
| 7.1.3.1 | Consideration and analysis of reports on alleged inadequacy of port reception facilities | Annual | MEPC | III | | Completed | Completed | MEPC 69/21, paragraph 19.15.3 |
| 7.2.2.1 | Safety and pollution hazards of chemicals and preparation of consequential amendments to the IBC Code | Continuous | MEPC | PPR | | Ongoing | Ongoing | MEPC 70/18, paragraphs 9.4 to 9.6; MEPC 71/17, paragraphs 9.3 to 9.5 |
| Notes: | The following has been deleted from the description of the output, "taking into account recommendations of GESAMP-EHS", as by omission the change made in MEPC 68/21/Add.1 Annex 23 was not correctly reflected when reporting to A29. | | | | | | | |
| 7.2.2.2 | Amendments to MARPOL Annex V, Form of Garbage Record Book | 2016 | MEPC | | | Completed | | MEPC 69/21, paragraph 19.15.1; MEPC 70/18, paragraphs 3.30 to 3.32 and resolution MEPC.277(70) |
| 7.2.2.3 | Review of MARPOL Annex II requirements that have an impact on cargo residues and tank washings of high viscosity, solidifying and persistent floating products and associated definitions, and preparation of amendments (2018) | 2017 | MEPC | PPR | | In progress | Extended | |
| 7.2.2.4 | Guidance for exceptions and exemptions under regulations A-3 and A-4 of the BWM Convention | 2017 | MEPC | PPR | | In progress | Completed | MEPC 70/18, paragraphs 4.54 to 4.57; MEPC 71/17, section 4 |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|---|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|--|
| 7.2.3.1 | Report on activities within the ITCP related to the OPRC Convention and the OPRC HNS Protocol | Annual | TCC | MEPC | | Completed | Completed | TC 66/15, paragraphs 3.1-3.11; TC 67/17, paragraphs 3.1-3.10 |
| 7.2.3.2 | Updated OPRC Model training courses | 2016 | MEPC | PPR | | Extended | Completed | MEPC 71/17, paragraph 9.9 |
| Notes: | MEPC 70 agreed to extend the target completion year to 2017. | | | | | | | |
| 7.3.1.1 | Measures to ensure quality of fuel oil for use on board ships | 2017 | MEPC | | | In progress | Extended | MEPC 70/18, paragraph 5.64; MEPC 71/17, paragraphs 5.11 to 5.17 and 5.58 |
| 7.3.1.2 | Development of standards for shipboard gasification waste to energy systems and associated amendments to regulation 16 of MARPOL Annex VI | 2017 | MEPC | PPR | | In progress | Extended | MEPC 70/17, paragraph 15.17 |
| Notes: | MEPC 70 agreed that the title of the output should read "Standards for shipboard gasification of waste systems and associated amendments to regulation 16 of MARPOL Annex VI". (MEPC 70/18, paragraph 15.17). | | | | | | | |
| 7.3.1.3 | Monitoring the worldwide average sulphur content of fuel oils supplied for use on board ships | Annual | MEPC | | | Completed | Completed | MEPC 69/21, paragraph 5.29; MEPC.1/Circ. 862; MEPC 70/18, section 5; MEPC 71/17, section 5 |
| 7.3.1.4 | Treatment of ozone-depleting substances used by ships | Annual | MEPC | | | Completed | Completed | MEPC 70/18, paragraphs 5.60 to 5.62; MEPC 71/17, paragraphs 5.18 to 5.19 |
| 7.3.1.5 | Amendments to the NO _x Technical Code 2008 (dual-fuel engines and engines fuelled solely by gaseous fuels) | 2016 | MEPC | | | Completed | | MEPC 69/21, paragraphs 3.19 and 3.20 and Resolution MEPC.272(69) |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|----------------|--|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|--|
| 7.3.1.6 | Amendments to MARPOL Annex VI concerning operational compliance with NO _x Tier III requirements | 2016 | MEPC | | | Completed | | MEPC 69/21, paragraphs 3.17 to 3.18 and Resolution MEPC.271(69) |
| 7.3.1.7 | Amendments to bunker delivery note to permit the supply of fuel oil not in compliance with regulation 14 of MARPOL Annex VI | 2016 | MEPC | PPR | | Extended | Completed | MEPC 70/18, Paragraphs 5.5 to 5.9 and annex 6; MEPC 71/17, section 3 and resolution MEPC.286(71) |
| 7.3.1.8 | Guidelines for onboard sampling and verification of the sulphur content of the fuel oil used on board ships | 2016 | MEPC | PPR | | Completed | | MEPC 70/18, paragraphs 5.10 to 5.15 and MEPC.1/Circ.864 |
| 7.3.1.9 | Guidelines for the discharge of exhaust gas recirculation bleed-off water | 2016 | MEPC | PPR | | Extended | Completed | MEPC 71/17, paragraphs 5.4 to 5.7 |
| Notes: | MEPC extended the target completion year to 2017. | | | | | | | |
| 7.3.1.10 | Review of fuel oil availability as required by regulation 14.8 of MARPOL Annex VI | 2017 | MEPC | | | Completed | | MEPC 70/18, paragraphs 5.48 to 5.56 and resolution MEPC.280(70) |
| 7.3.1.11 (New) | Revision of the 2011 SCR Guidelines (2018) | 2017 | MEPC | PPR | | In progress | Postponed | MEPC 70/18, paragraph 15.15; MEPC 71/17, paragraphs 5.8 and 14.31 and resolution MEPC.291(71) |
| Notes: | MEPC 70 agreed to extend the target completion year to 2018. MEPC 71 agreed to amend the title of the output to read "Revision of certification requirements for SCR systems under the NO _x Technical Code". | | | | | | | |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|--|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|---|
| 7.3.2.1 | Further development of mechanisms needed to achieve the limitation or reduction of CO ₂ emissions from international shipping | Annual | MEPC | | | Completed | Completed | MEPC 70/18, sections 6 and 7, resolution MEPC.278(70), and annex 11; MEPC 71/17, sections 6 and 7 |
| 7.3.2.2 | Impact on the Arctic of emissions of Black Carbon from international shipping | 2017 | MEPC | PPR | | In progress | Extended | MEPC 70/18, paragraphs 5.3 to 5.4 MEPC 71/17, paragraph 5.3 |
| Notes: | MEPC 71 extended the target completion year to 2019. | | | | | | | |
| 7.3.2.3 | Promotion of technical cooperation and transfer of technology relating to the improvement of energy efficiency of ships | 2017 | MEPC | | | In progress | Extended | MEPC 69/21, paragraphs 5.2 to 5/7; MEPC 70/18, section 11; MEPC 71/17, section 11 |
| 7.3.2.4 | Revision of Guidelines concerning EEDI and SEEMP | 2017 | MEPC | | | In progress | Extended | MEPC 70/18, sections 5 and 6 and resolution MEPC.282(70); MEPC 71/17, sections 5 and 6 |
| 7.3.2.5 | EEDI reviews required under regulation 21.6 of MARPOL Annex VI | 2017 | MEPC | | | In progress | Extended | MEPC 70/18, section 5 and annex 8; MEPC 71/17, section 5 and annex 15 |
| 7.3.2.6 | Further technical and operational measures for enhancing the energy efficiency of international shipping | 2017 | MEPC | | | In progress | Extended | MEPC 69/21, sections 6 and 7; MEPC 70/18, section 6 and resolution MEPC.278(70); MEPC 71/17, section 6 and resolutions MEPC.292(71) and 293(71) |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|---|------------------------|-----------------|------------------------------|-----------------------|-----------------------------|-----------------------------|--|
| 8.0.1.1 | Comprehensive review of the FAL Convention | 2016 | FAL | | | Completed | | FAL 40/19, paragraphs 4.9 and 4.10 |
| 8.0.1.2 | Review and update the Explanatory Manual to the FAL Convention | 2017 | FAL | | | | Extended | FAL 37/17, paragraph 4.6; FAL 41/17, paragraph 14.2 |
| Notes: | FAL 41 decided to change title, scope and TCY of the output to 2019. | | | | | | | |
| 8.0.2.1 | Consideration and analysis of reports and information on persons rescued at sea and stowaways | Annual | MSC / FAL | | | Completed | Completed | |
| 8.0.3.1 | Requirements for access to, or electronic versions of, certificates and documents, including record books required to be carried on ships | 2017 | FAL | MSC / LEG / III / PPR / MEPC | | Completed | | FAL.5/Circ.39/Rev.2; FAL 40/19, paragraphs 6.18 to 6.21; MEPC 68/21, paragraphs 13.2 and 17.26; MEPC 69/21, paragraph 9.8; MEPC 70/18, paragraph 2.2 |
| Notes: | MEPC decided to extend the TCY to 2019 and change the title to Use of electronic record books. | | | | | | | |
| 8.0.3.2 | Application of single-window concept | Continuous | FAL | | | Ongoing | Ongoing | |
| 8.0.3.3 (New) | Update the guidelines for setting up a single window system in maritime transport (2019) | 2017 | FAL | | | | Postponed | FAL 41/17 para 14.4 |
| Notes: | Endorsed by C 118. | | | | | | | |
| 9.0.1.1 | Report on ITCP programme on support to SIDS and LDCs for their special shipping needs | Annual | TCC | | | Completed | Completed | TC 67/17 paragraphs 3.1 – 3.10 |
| 10.0.1.1 | Verified goal-based new ship construction standards for tankers and bulk carriers | Continuous | MSC | | | Ongoing | Ongoing | MSC 97/22, section 5; MSC 98/23, annex 38 |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|---|------------------------|-----------------|---------------------|-----------------------|-----------------------------|-----------------------------|---|
| 10.0.1.2 | Consideration of development of goal-based ship construction standards for all ship types | 2017 | MSC / MEPC | | | In progress | Postponed | MSC 96/25, paragraphs 5.26 and 5.27; MSC 98/23, paragraphs 12.7 to 12.10, 12.15 and 12.16 |
| Notes: | Progressed as planned. TCY set as 2019. | | | | | | | |
| 11.1.1.1 | Reports on the Organization's outreach activities | Annual | Council | | | Completed | Completed | C 116/D, paragraph 15 (e) - (i); C117/D, paragraphs (e)-(g); C 118/D, paragraphs (e)-(i) |
| 12.1.1.1 | Review of FSA studies by the FSA Experts' Group | Continuous | MSC | | | Ongoing | Ongoing | MSC 97/22, section 13; MSC 98/23, paragraphs 14.2 and 14.3 |
| 12.1.2.1 | Lessons learned and safety issues identified from the analysis of marine safety investigation reports | Annual | MSC / MEPC | III | | Completed | Completed | MSC 92/26, paragraph 22.29; MEPC 70/18, paragraph 10.9 |
| 12.1.2.2 | Identified issues relating to the implementation of IMO instruments from the analysis of PSC data | Annual | MSC / MEPC | III | | Completed | Completed | |
| 12.2.1.1 | <i>Revised Guidelines on the Implementation of the ISM Code by Administrations</i> (resolution A.1071(28)) on training audits | 2016 | MSC | HTW | | Completed | | MSC 95/22, paragraph 19.5; MSC 96/25, paragraph 12.4 |
| 12.3.1.1 | Consideration of reports of incidents involving dangerous goods or marine pollutants in packaged form on board ships or in port areas | Annual | MSC / MEPC | III | CCC | Completed | Postponed /Completed | |
| 13.0.3.1 | Improved and new technologies approved for ballast water management systems and reduction of atmospheric pollution | Annual | MEPC | PPR | | Completed | Completed | |

| Output number | Description | Target completion year | Parent organ(s) | Associated organ(s) | Coordinating organ(s) | Status of output for Year 1 | Status of output for Year 2 | References |
|---------------|---|------------------------|-----------------|--|------------------------|-----------------------------|-----------------------------|---|
| 14.0.1.1 | Analysis and consideration of recommendations to reduce administrative burdens in IMO instruments including those identified by the SG-RAR | 2017 | Council | III / HTW / PPR / CCC / SDC / SSE / NCSR | MSC / MEPC / FAL / LEG | In progress | Completed | C 117/D, paragraphs 13.1-13.4 |
| 14.0.1.2 | Consideration of proposals from Member States in relation to practical principles and criteria related to the reduction of administrative burdens | 2017 | Council | | | In progress | Completed | C 117/D, para 13.4, C 118/D, paragraph 15 |
| 14.0.1.3 | Development of a vision and policy concerning an internationally trusted web-based information portal | 2017 | Council | | | Completed | | C 117/D, paragraphs 13.1-13.4 |