SFISH PROJECT

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Environment, Natural Resources & Blue Economy



The Regional Plan of Action to Control Illegal, Unreported, and Unregulated Fishing in Red Sea and Gulf of Aden (PERSGA RPOA-IUU)

RP.0096


Landing Sites/Fishing Vessels
Fishing Vessels visible (Landing Sites/Anchorages) in the PERSGA Region as assessed from Google Earth images from 2018-2020
Legend
Boundary of RSGA
Landing site
N
1000 km
B1- Ras Dharb
B2
B3
B4- Ras Hafun
Google Earth

The Regional Plan of Action to Control Illegal, Unreported, and Unregulated Fishing in Red Sea and Gulf of Aden (PERSGA RPOA-IUU)

Regional Organization for the Conservation of Environment of the Red Sea and Gulf of Aden (PERSGA)







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Cover illustration: PERSGA region Fishing Vessels/Landing Site locations. A.R. Dawson Shepherd/Google Earth 2018-2020

.Please do not print unnecessarily and use paper and ink responsibly

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Ex.

Ex. EXECUTIVE SUMMARY

For the purposes of the PERSGA SFISH IUU fishing sub-component [(DID5265)] ***the Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA) (the "Organization") is a Regional Fisheries Body (RFB)***[(1),(2)] ***and substitutes for the term Regional Fisheries Management Organization (RFMO) specified in the Jeddah Convention Fisheries and Aquaculture Protocol*** [(DID2569)] ***and in the UN FAO International Plan of Action for Illegal, Unreported and Unregulated fishing (IPOA-IUU)*** [(DID3020)]**.**

Ex.01 Introduction

01. An intermediate result indicator specified in the results framework of the SFISH Project Appraisal Document (PAD) is "*Regional plan of action prepared and adopted for IUU fishing management in RSGA"* [(DID4887)] .

02. The need for a Regional Plan of Action for IUU fishing (RPOA-IUU) is not explicitly identified, but is implied, in the UN FAO IPOA-IUU for fishing [(DID3020)]. It is specified to be required as an Annex to the PERSGA Fisheries and Aquaculture Protocol [(DID2569, Article 16.1.i.)] .

03. This PERSGA Regional Plan of Action for Illegal, Unreported, and Unregulated fishing, hereinafter referred to as the "*PERSGA RPOA-IUU*"[(3)] is a response to the Terms of Reference (ToR) for the SFISH consultant Contract SFISH/IC01/2023.

04. This "*PERSGA RPOA-IUU*" will inform the preparation of "*Contracting Party*" PERSGA National Plans of Action, hereinafter referred to as "*PERSGA NPOA-IUU*"[(4)] [(DID5271)], for addressing IUU fishing in the PERSGA region. This "*PERSGA RPOA-IUU*" is presented, to the extent possible, in compliance with the structure of the UN FAO International Plan of Action (IPOA-IUU) [(DID3020)] .

05. It needs to be appreciated, in respect of food security, that supply/consumption of fish is not high in the PERSGA region. Consumption ranges, for the 7 countries, from a country per capita average of 0.9kg/year to 16.7kg/year (median 4.56kg/year) [(DID2793, DID2909, DID2792, DID5059, DID5061, DID2787, DID2786)].

06. Of course, these figures should not detract from valuing much higher levels of consumption of wild caught seafood in certain local communities, the potential for higher consumption[(5)], the cultural significance of seafood, the wider ecosystem goods and services provided by healthy fish populations including as a tourist attraction, the legal and moral requirement to deliver sustainable use, and the risks from climate change.

(1) https://www.fao.org/fishery/en/rfb
(2) PERSGA has a General Secretariat (coordinating and facilitating) function and not a management delivery function. Proposed management actions need to be agreed by the Jeddah Convention Council, and once agreed, are to be implemented by the Contracting Parties.
(3) RPOA-IUU is prefixed with "PERSGA" because Egypt, Saudi Arabia, and Somalia have maritime waters outside the geographical coverage of the Jeddah Convention (DID2557, Article II).
(4) NPOA-IUU is prefixed with "PERSGA" because Egypt, Saudi Arabia, and Somalia have maritime waters outside the geographical coverage of the Jeddah Convention [(DID2557, Article II)].
(5) Estimated Maximum sustainable yields for living marine resources in the PERSGA region vary widely, are relatively qualified, and cannot be assumed to be accurate for planning purposes.

Ex.02 Actions

07. The PERSGA region IUU Fishing Assessment (DID5207) signals that the current level of IUU fishing management is very limited and with few good practice examples.

08. An initial **52** proposed recommendations, identified through the PERSGA Region IUU fishing Assessment (DID5207), comprise the "*PERSGA RPOA-IUU*" **Actions**. The recommendations were presented for direction by the 7 Country IUU assessment consultants. There was general support for most of the proposed recommendations (DID5207, Annex 6).

09. An additional two Actions have subsequently been specified relating to: (1) ByCatch and Discards and; (2) Fisheries Statistics and Stock Assessment. This makes a total of **54** Actions.

10. **Two** priority operational Actions from the 54 proposed for the "*PERSGA RPOA-IUU*" are:

    (1) "*Fishing License for **All** Fishers*" (IV.07.02) including licensing conditions

    (2) "*Fishing License for **All** fishing Vessels*" (IV.08.02) including licensing conditions

11. These two priority operational Actions should be supported by **nine** priority operational support Actions:

    (1) "*Funding for IUU Fishing Management*" (IV.02.07)(6)

    (2) "Stakeholder Governance/Grievance" (IV.02.19)

    (3) "*Database IUU Fishing (Regional)*" (IV.02.06)

    (4) "*Capacity Building (National*)" (IV.02.01)

    (5) "*Capacity Building (Regional)"* (IV.02.02)

    (6) "*Delivery of Actions (National)"* (IV.02.04)

    (7) "*Delivery of Actions (Regional)"* (IV.02.05)

    (8) "*Executive Regulations for IUU Fishing*" at the national level (IV.04.02)

    (9) "*Service Delivery Targets*" (IV.02.18)

Note : "*port State Measures – Infrastructure*" – IV.05.01 is additionally included in the list of priority Actions for LDCs presented in Section V below "*Special Requirements of Developing Countries*".

12. Further details on all 54 Actions, including the key Actions listed above can be found below. An indicative budget for the proposed Actions, for this PERSGA RPOA-IUU and for the NPOA-IUU, is presented in Annex 3 for review and revision.

13. To the extent possible, this "*PERSGA RPOA-IUU*" follows the IPOA-IUU principles and structure reflecting phased implementation (DID3020, Article 9.2) and the special requirements of developing Countries (DID3020, Section 5). "*Contracting Parties*" Djibouti, Somalia, Sudan and Yemen are identified as Least Developed Countries (LDCs)(7).

(6) The extent to which the "PERSGA RPOA-IUU" can be delivered depends on the availability of funding for delivery.
(7) https://unctad.org/topic/least-developed-countries/list

14. Recommended "*PERSGA RPOA-IUU*" fishing actions, are presented under seven themes based on those used in the regional assessment process (DID5207). The seven(8) PERSGA RPOA-IUU themes are:

    IV.02 : coastal State Measures (cSM) covering IUU fishing cross-cutting matters (21 Actions).

    IV.03 : International Legal Instruments covering gaps in the international legal framework for addressing IUU fishing (12 Actions).

    IV.04 : National Legal Instruments covering gaps in the national legal frameworks of "*Contracting Parties*" for addressing IUU fishing (3 Actions).

    IV.05 : port State Measures (pSM) relating to shore facilities improvements in "*Contracting Parties*" (5 Actions).

    IV.06 : coastal State Measures (cSM) relating to the management of Spawning Aggregations (SPAG) in the maritime waters of "*Contracting Parties*" (5 Actions).

    IV.07 : coastal State Measures (cSM) relating to the fishing licensing of individual fishers (4 Actions).

    IV.08 : flag State Responsibilities (fSR) relating to the fishing licensing of fishing vessels (4 Actions).

15. A "PERSGA RPOA-IUU" Action Planning table of the 54 proposed "*PERSGA RPOA-IUU*" Actions under the seven themes is provided in Annex 3. An excel supports this table and can also be used to help develop "*PERSGA NPOA-IUU*" (DID5271).

16. The table provides the opportunity to rank Actions and to indicate the extent to which each Action has been delivered (% done) at the time of planning or during "PERSGA RPOA-IUU" delivery monitoring and evaluation

17. The table gives an **indicative** workplan and budget in support of the development and delivery of "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*". The proposed "*PERSGA RPOA-IUU*", and "*PERSGA NPOA-IUU*" Actions are expected to be delivered over an initial 5 year period.

18. The indicative budget is broken down by Action, by the 7 Action themes and by cost area.

    1. 9.98% of the indicative budget relates to the preparation of regional guidelines and stan - dards with significant investment proposed for software development for data management.

    2. 1.30% for drafting and processing of legislation.

    3. 11.23% for travel and expenses for Regional and National "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" Consultative Committees.

    4. 10.42% for capacity building training.

    5. 59.30% for goods and demonstration pilots including for Fisheries certification, Protected Area boundaries demarcation, SPAG surveys, ByCatch and Discards and Fisheries Statistics and Stock Assessment with significant investment proposed for shore facility improvements.

    6. 7.78% for monitoring and evaluation (service delivery etc).

(8) Note regarding numbering that IV.01 provides the introduction and is not an action theme.

I



I. EXECUTIVE SUMMARY

I.01 IPOA-IUU

19. The following text, in italics and inverted commas is taken from the IPOA-IUU (DID3020) .

20. *"In the context of the Code of Conduct for Responsible Fisheries and its overall objective of sustainable fisheries, the issue of illegal, unreported and unregulated (IUU) fishing in world fisheries is of serious and increasing concern. IUU fishing undermines efforts to conserve and manage fish stocks in all capture fisheries. When confronted with IUU fishing, national and regional fisheries management organizations can fail to achieve management goals. This situation leads to the loss of both short and long-term social and economic opportunities and to negative effects on food security and environmental protection. IUU fishing can lead to the collapse of a fishery or seriously impair efforts to rebuild stocks that have already been depleted. Existing international instruments addressing IUU fishing have not been effective due to a lack of political will, priority, capacity and resources to ratify or accede to and implement them.*

The Twenty-third Session of the FAO Committee on Fisheries (COFI) in February 1999 addressed the need to prevent, deter and eliminate IUU fishing. The Committee was concerned about information presented indicating increases in IUU fishing, including fishing vessels flying "flags of convenience". Shortly afterwards, an FAO Ministerial Meeting on Fisheries in March 1999 declared that, without prejudice to the rights and obligations of States under international law, FAO "will develop a global plan of action to deal effectively with all forms of illegal, unregulated and unreported fishing including fishing vessels flying "flags of convenience" through coordinated efforts by States, FAO, relevant regional fisheries management bodies and other relevant international agencies such as the International Maritime Organization (IMO), as provided in Article IV of the Code of Conduct. The Government of Australia, in cooperation with FAO, organized an Expert Consultation on Illegal, Unreported and Unregulated Fishing in Sydney, Australia, from 15 to 19 May 2000. Subsequently, an FAO Technical Consultation on Illegal, Unreported and Unregulated Fishing was held in Rome from 2 to 6 October 2000 and a further Technical Consultation was held in Rome from 22 to 23 February 2001. The draft International Plan of Action to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated Fishing was adopted by the Consultation on 23 February 2001 with a request that the report be submitted to the Twenty-fourth Session of COFI for consideration and eventual adoption. COFI approved the International Plan of Action, by consensus, on 2 March 2001. In doing so, the Committee urged all Members to take the necessary steps to effectively implement the International Plan of Action".

I.02 PERSGA RPOA-IUU

For the purposes of the PERSGA SFISH IUU fishing sub-component [(DID5265)] ***the Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA) (the "Organization") is a Regional Fisheries Body (RFB)***[(9),(10)] ***and substitutes for the term Regional Fisheries Management Organization (RFMO) specified in the Jeddah Convention Fisheries and Aquaculture Protocol*** [(DID2569)] ***and in the UN FAO International Plan of Action for Illegal, Unreported and Unregulated fishing (IPOA-IUU)*** [(DID3020)].

21. An intermediate result indicator specified in the results framework of the SFISH Project Appraisal Document (PAD) is "*Regional plan of action prepared and adopted for IUU fishing management in RSGA*" [(DID4887)].

22. The need for a Regional Plan of Action for IUU fishing (RPOA-IUU) is not explicitly identified, but is implied, in the UN FAO "*IPOA-IUU*" for fishing [(DID3020)]. It is specified to be required as an Annex to the PERSGA Fisheries and Aquaculture Protocol [(DID2569, Article 16.1.i.)].

23. This PERSGA Regional Plan of Action for Illegal, Unreported, and Unregulated fishing, hereinafter referred to as the "*PERSGA RPOA-IUU*"[(11)] is a response to the Terms of Reference (ToR) for the SFISH consultant Contract SFISH/IC01/2023.

24. This "*PERSGA RPOA-IUU*" will inform the preparation of "*Contracting Party*" PERSGA National Plans of Action, hereinafter referred to as "*PERSGA NPOA-IUU*"[(12)] [(DID5271)], for addressing IUU fishing in the PERSGA region. This "*PERSGA RPOA-IUU*" is presented, to the extent possible, in compliance with the structure of the UN FAO International Plan of Action ("IPOA-IUU") [(DID3020)].

25. It needs to be appreciated, in respect of food security, that supply/consumption of fish is not high in the PERSGA region. Consumption ranges, for the 7 countries, from a country per capita average of 0.9kg/year to 16.7kg/year (median 4.56kg/year) [(DID2793, DID2909, DID2792, DID5059, DID5061, DID2787, DID2786)]. Of course, these figures should not detract from valuing much higher levels of consumption of wild caught seafood in certain local communities, the potential for higher consumption[(13)], the cultural significance of seafood, the wider ecosystem goods and services provided by healthy fish populations including as a tourist attraction, the legal and moral requirement to deliver sustainable use, and the risks from climate change.

(9) https://www.fao.org/fishery/en/rfb
(10) PERSGA has a secretariat (coordinating and facilitating) function and not a management delivery function. Proposed management actions need to be agreed by a quorum of the Jeddah Convention member Countries and once agreed, are to be implemented by these Countries.
(11) RPOA-IUU is prefixed with "PERSGA" because Egypt, Saudi Arabia, and Somalia have maritime waters outside the geographical coverage of the Jeddah Convention (DID2557, Article II).
(12) NPOA-IUU is prefixed with "PERSGA" because Egypt, Saudi Arabia, and Somalia have maritime waters outside the geographical coverage of the Jeddah Convention (DID2557, Article II).
(13). Estimated Maximum sustainable yields for living marine resources in the PERSGA region vary widely, are relatively qualified, and cannot be assumed to be accurate for planning purposes.

II



II. NATURE AND SCOPE

II.01 IUU Fishing

26. **Illegal, Unreported and Unregulated fishing** : have the same meaning in this "*PERSGA RPOA-IUU*" as in the "*IPOA-IUU*" (DID3020). **Illegal** refers to fishing activities that are in breach of national, regional and international fishing laws in a Contracting Party to these laws. **Unreported** refers to fishing that is not reported according to the fishing reporting requirements specified in national, regional, and international laws in a Contracting Party to these laws. **Unregulated** refers to fishing that is not regulated according to the fishing regulating requirements specified in national, regional, and international laws in a Contracting Party to these laws.

27. Unless otherwise indicated this "*PERSGA RPOA-IUU*" is voluntary as is indicated for the "*IPOA-IUU*" (DID3020, paragraph 4).

28. The FAO Code of Conduct for Responsible Fisheries (CCRF), in particular Articles 1.1, 1.2, 3.1, and 3.2 applies to the interpretation and application of this "*PERSGA RPOA-IUU*" and its relationship with other international instruments. This "*PERSGA RPOA-IUU"* is also directed as appropriate towards fishing entities as referred to in the Code of Conduct. This "*PERSGA RPOA-IUU*" responds to fisheries specific issues and nothing in it prejudices the positions of States in other fora.

II.02 Other definitions

29. The following "other" definitions shall apply for the purposes of this "*PERSGA RPOA-IUU*".

30. **1982 UN Convention** : The term "*1982 UN Convention*" refers to the United Nations Convention on the Law of the Sea of 10 December 1982.

31. **1993 FAO Compliance Agreement** : The term "*1993 FAO Compliance Agreement*" refers to the Agreement to Promote Compliance with International Conservation and Management Measures by Fishing Vessels on the High Seas, approved by the FAO Conference on 24 November 1993.

32. **1995 UN Fish Stocks Agreement** : The term "*1995 UN Fish Stocks Agreement*" refers to the Agreement for the Implementation of the United Nations Convention on the Law of the Sea of 10 December 1982 relating to the Conservation and Management of Straddling Fish Stocks and Highly Migratory Fish Stocks.

33. **Asset** : A specified Law, SHORE FACILITY, Spawning Aggregation, STAKEHOLDER, VESSEL as assessed by a specified Observer on a specified date (DID5207).

34. **ByCatch, By-Catch, By Catch :** "*Species taken in a fishery targeting that is targeting on other species or on a different size range of the same species. That part of the by-catch no economic value is discarded and returned to the sea, usually dead or dying*" (DID2407).

    "*Component of the catch which represents non-targeted fish associated with the catch of the target species or group towards which fishing effort is directed, or other aquatic organisms taken incidentally during the course of fishing (e.g. birds, mammals, reptiles, invertebrates). Some or all of the bycatch may be returned to the sea as discarded catch, either dead or alive. The catch taken incidentally is also referred to as incidental catch*" (DID5054).

35. **coastal State** : A State with a maritime territorial sea and exclusive economic zone (EEZ) (after (DID261). All Contracting Parties are interpreted to be coastal States.

36. **Certification** : See IV.02.03.

37. **Code of Conduct** : The term "*Code of Conduct*" refers to the FAO Code of Conduct for Responsible Fisheries (DID2571, DID5241).

38. **Committee for the Settlement of Disputes** : One of the three Organs of the "*Organization*". The composition, terms of reference and rules of procedure of the "*Committee for the Settlement of Disputes*" shall be decided by the Council (DID2557).

39. **Competent (National) Authority** : A "*Competent (National) Authority*" is the Authority, or Authorities, identified in the National Law of a "*Contracting Party*" as competent in matters relevant to the management of IUU fishing. The "*Competent (National) Authority*" may not be the "*National Authority*" (see "*National Authority*").

40. **Conservation and Management Measures** : The term "*conservation and management measures*" means measures to conserve one or more species of living marine resources that are adopted and applied consistent with the relevant rules of international law.

41. **Contracting Party** : A "*Contracting Party*" is any party that has deposited its instrument of ratification, acceptance, approval or accession to the Jeddah Convention (DID2557, Article XXVII.3, Article XXIX.3)" (14).

42. **Council** : One of the three Organs of the "*Organization*". The "*Council*" is comprised of a representative of each "*Contracting Party*" (DID2557).

43. **Discards** : "*In the context of these Guidelines discards refer to the throwing away or slipping of dead fish and fish that may not survive after live release*" (DID5016)(15).

44. **flag State** : A State that assigns its flag to a maritime entity or activity (after (DID261). All "*Contracting Parties*" are interpreted to be "*flag States*".

45. **General Secretariat** : One of the three Organs of the "*Organization*" providing the secretariat to the other two organs (DID2557, Article XVI.2) .

46. **Grievance (redress) Mechanism** : To be defined but currently as specified in Action IV.02.19 below.

47. **Internal Waters** : As defined in Article 8 of UNCLOS (DID261): "*1. Except as provided in Part IV, waters on the landward side of the baseline of the territorial sea form part of the internal waters of the State".* [Part IV relates to archipelagic states].

48. **International Plan of Action** : The voluntary FAO International Plan of Action to address Illegal, Unreported, and Unregulated Fishing ("*IPOA-IUU*") (DID3020) .

49. **Issue** : One, or more, of the IUU management related "Issues" to be assessed for each "*Theme*" and each "*Asset*" under a "*Theme*" (DID5207).

50. **Least Developed Country (LDC)** : As identified through UNCTAD (16). Djibouti, Somalia, Sudan, and Yemen are identified as LDCs.

51. **National Authority** : The "*National Authority*" designated by each "*Contracting Party*" as responsible for the coordination of national efforts for implementing the Jeddah Convention and its protocols (DID2557, Article I.7).

(14) Djibouti, Egypt, Jordan, Saudi Arabia, Somalia, Sudan and Yemen are currently Contracting Parties.
(15) The term "Discard" under this PERSGA RPOA-IUU may include living marine resources that are tagged and thrown back.
(16) https://unctad.org/topic/least-developed-countries/list

52. **Organization** : For the purposes of this "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" the "*Organization*"[17] shall be the Regional Organization for the Conservation of the Red Sea and Gulf of Aden Environment (PERSGA) established in accordance with article XVI of the Jeddah Convention (DID2557, Article 1.9).

53. **PERSGA** : The "*Organization*" (the Regional Organization for the Conservation of the Red Sea and Gulf of Aden Environment (PERSGA)) (DID2557, Article 1.9) .

54. **PERSGA National Plan of Action (PERSGA NPOA-IUU)** : PERSGA National Plan of Action to address Illegal, Unreported, and Unregulated Fishing ("*PERSGA NPOA-IUU*")[18]. NPOA-IUU are referred to in the IPOA-IUU (DID3020).

55. **PERSGA NPOA-IUU Consultative (National) Committee** : An inter-ministerial "PERSGA *NPOA-IUU Consultative (National) Committee"* chaired by the Minister of the "*Competent (National) Authority*", or his/her delegate with members to be specified and including the civil service, the private sector, fisher and other relevant civil society representatives (see IV.02.04).

56. **PERSGA Regional Plan of Action (PERSGA RPOA-IUU)** : The PERSGA Regional Plan of Action for Illegal, Unreported, and Unregulated Fishing "*PERSGA RPOA-IUU*" [19] as implied in the UN FAO IPOA-IUU (DID3020), as required as an Annex to the proposed PERSGA Fisheries and Aquaculture Protocol (DID2569, Article 16.1.i.), and the intermediate result indicator specified in the results framework of the SFISH Project Appraisal Document (PAD) (DID4887) and, if agreed, to include the internal waters of "*Contracting Parties*" and the High Seas beyond the national jurisdiction/Exclusive Economic Zone (EEZ) of any "*Contracting Party*".

57. **PERSGA RPOA-IUU Consultative (Regional) Committee :** A "PERSGA *RPOA-IUU Consultative (Regional) Committee"* to be set up in accordance with the requirements of the Jeddah Convention (DID2557) (See IV.02.05).

58. **port State** : A State with one, or more Ports. "port" includes offshore terminals and other installations for landing, transshipping, packaging, processing, refuelling or resupplying (DID4246, Article 1.(g)). All "*Contracting Parties*" are interpreted to be port States.

59. **Regional Fisheries Body (RFB)** : "*Regional Fishery Bodies (RFB) – a group of States or organizations that are parties to an international fishery arrangement – work together towards the conservation and management of fish stocks*". "*PERSGA*" is indicated to be an RFB[20].

60. **Spawning Aggregation (SPAG)** : *"Spawning Aggregation: is a gathering of animals, at densities higher than during the non-spawning period, in locations and at times solely for the purpose of spawning"* (DID5012).

61. **Theme** : Themes specified in the PERSGA SFISH IUU Assessment Guidelines (DID5161) of which the priority themes addressed by the Assessment are "LEGAL", "SHORE FACILITY", "SPAG", "STAKEHOLDER", "VESSEL" (DID5207).

(17) XVI.2. The Organization shall consist of the following organs: (a) A Council comprised of a representative of each Contracting Party; (b) A General Secretariat; (c) A Committee for the Settlement of Disputes whose composition, terms of reference and rules of procedure shall be decided by the Council (DID2557).
(18) NPOA-IUU is prefixed with "PERSGA" because Egypt, Saudi Arabia, and Somalia have maritime waters outside the geographical coverage of the Jeddah Convention (DID2557, Article II).
(19) RPOA-IUU is prefixed with "PERSGA" because Egypt, Saudi Arabia, and Somalia have maritime waters outside the geographical coverage of the Jeddah Convention (DID2557, Article II).
(20) https://www.fao.org/fishery/en/rfb

III



III. OBJECTIVES

62. The following objectives and principles are adapted from the UN FAO "*IPOA-IUU*" (DID3020) .

63. The objective of this "*PERSGA RPOA-IUU*" is to prevent, deter and eliminate IUU fishing by providing all States with comprehensive, effective and transparent measures by which to act, including through appropriate Regional Fisheries Bodies (RFB) established in accordance with international law.

64. This "*PERSGA RPOA-IUU*" to prevent, deter and eliminate IUU fishing incorporates the following principles and strategies specified in the "*IPOA-IUU*" (DID3020). Due consideration is given to the special requirements of developing countries in accordance with Article 5 of the Code of Conduct (DID2571).

    01. **Participation and coordination**: To be fully effective, this "*PERSGA RPOA-IUU*" should be implemented by all "*Contracting Parties*" either directly, in cooperation with other "*Contracting Parties*", or other States, indirectly through the "*Organization*", other relevant Regional Fisheries Bodies (RFB) or through FAO and other appropriate international organizations. An important element in successful implementation will be close and effective coordination and consultation, and the sharing of information to reduce the incidence of IUU fishing, among "*Contracting Parties",* other States, and relevant regional and global organizations. The full participation of stakeholders in combating IUU fishing, including industry, fishing communities, and non-governmental organizations, should be encouraged.

    02. **Phased implementation**: Measures to prevent, deter and eliminate IUU fishing should be based on the earliest phased implementation of national plans of action, and regional and global action in accordance with this "*PERSGA RPOA-IUU*".

    03. **Comprehensive and integrated approach**: Measures to prevent, deter and eliminate IUU fishing should address factors affecting all capture fisheries. In taking such an approach, States should embrace measures building on the primary responsibility of the flag State and using all available jurisdiction in accordance with international law, including port State measures, coastal State measures, market-related measures and measures to ensure that nationals do not support or engage in IUU fishing. States are encouraged to use all these measures, where appropriate, and to cooperate in order to ensure that measures are applied in an integrated manner. The action plan should address all economic, social and environmental impacts of IUU fishing.

    04. **Conservation**: Measures to prevent, deter and eliminate IUU fishing should be consistent with the conservation and long-term sustainable use of fish stocks and the protection of the environment.

    05 **Transparency**: This "*PERSGA RPOA-IUU*" should be implemented in a transparent manner in accordance with Article 6.13 of the Code of Conduct.

    06 **Non-discrimination**: This "*PERSGA RPOA-IUU*" should be developed and applied without discrimination in form or in fact against any State or its fishing vessels.

IV.



IV. IMPLEMENTATION OF MEASURES TO PREVENT, DETER AND ELIMINATE IUU FISHING

IV.01 Introduction

65. The proposed "*PERSGA RPOA-IUU*" actions, need to be prioritized, and delivered, through phased implementation, with a focus on Least Developed Country Contracting parties to the Jeddah Convention, reflecting the resources (financial etc) that are available, with Care, Culture and Courtesy and under a Grievance (redress) Mechanism.

66. To the extent possible the implementation of all agreed recommended actions should be with the technical guidance and other relevant support of the "*Organization*".

IV.01.01 Recommended Actions

67. The PERSGA region IUU Fishing Assessment (DID5207) signals that the current level of IUU fishing management is very limited and with few good practice examples.

68. An initial **52** proposed recommendations, identified through the PERSGA Region IUU fishing Assessment (DID5207), comprise the "*PERSGA RPOA-IUU*" **Actions**. The recommendations were presented for direction by the 7 Country IUU assessment consultants. There was general support for most of the proposed recommendations (DID5207, Annex 6).

69. An additional two Actions have subsequently been specified relating to: (1) ByCatch and Discards and; (2) Fisheries Statistics and Stock Assessment. This makes a total of 54 Actions.

70. **Two** priority operational Actions from the 54 proposed for the "*PERSGA RPOA-IUU*" are:

    (1) "Fishing License for All Fishers" (IV.07.02) including licensing conditions

    (2) "Fishing License for All fishing Vessels" (IV.08.02) including licensing conditions

71. These two priority operational Actions should be supported by **nine** priority operational support Actions:

    (1) "Funding for IUU Fishing Management" (IV.02.07)(21)

    (2) "Stakeholder Governance/Grievance" (IV.02.19)

    (3) "Database IUU Fishing (Regional)" (IV.02.06)

    (4) "Capacity Building (National)" (IV.02.01)

    (5) "Capacity Building (Regional)" (IV.02.02)

    (6) "Delivery of Actions (National)" (IV.02.04)

    (7) "Delivery of Actions (Regional)" (IV.02.05)

    (8) "Executive Regulations for IUU Fishing" at the national level (IV.04.02)

    (9) "Service Delivery Targets" (IV.02.18)

(21) The extent to which the "PERSGA RPOA-IUU" can be delivered depends on the availability of funding for delivery.

Note : "*port State Measures – Infrastructure*" – IV.05.01 is additionally included in the list of priority Actions for LDCs presented in Section V below "*Special Requirements of Developing Countries*".

72. Further details on all 54 Actions, including the key Actions listed above can be found below. An indicative budget for the proposed Actions, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

IV.01.02 Actions Framework

73. To the extent possible, this "*PERSGA RPOA-IUU*" follows the "*IPOA-IUU*" principles and structure reflecting phased implementation (DID3020, Article 9.2) and the special requirements of developing Countries (DID3020, Section 5). "*Contracting Parties*" Djibouti, Somalia, Sudan and Yemen are identified as Least Developed Countries (LDCs)(22).

74. Recommended "*PERSGA RPOA_IUU*" fishing Actions, are presented under seven themes based on those used in the regional assessment process (DID5207). The seven(23) "*PERSGA RPOA-IUU*" themes are:

75. **IV.02 - coastal State Measures (cSM)** (IPOA-IUU paragraph 51): 21 Cross-cutting Actions are presented under coastal State Measures and cross-referenced to sections explicitly specified in the "*IPOA-IUU*" (Research, Reporting etc).

76. **IV.03 - International Legal Instruments** ("*IPOA-IUU*" Paragraphs 10-15): 12 International Legal Instrument related Actions covering gaps in the international legal framework for addressing IUU fishing .

77. **IV.04 - National Legislation** ("*IPOA-IUU*" paragraphs 16-33): 3 National Legal Instruments covering gaps in the national legal frameworks of "*Contracting Parties*" for addressing IUU fishing.

78. **IV.05 - port State Measures (pSM)** ("*IPOA-IUU*" paragraphs 52-64): 5 Actions that are Shore Facility theme related are presented under port State Measures because Shore Facilities can have a port function.

79. **IV.06 - coastal State Measures (cSM)** ("*IPOA-IUU*" paragraph 51): 5 Actions under coastal State Measures (cSM) relating to the management of Spawning Aggregations (SPAG) in the maritime waters of "*Contracting Parties*". There is no other clear location within the "*IPOA-IUU*" framework for recommended actions that are SPAG related.

80. **IV.07 - coastal State Measures (cSM)** ("*IPOA-IUU*" paragraph 51): 5 Actions under coastal State Measures (cSM) relating to the fishing licensing of individual fishers. Whilst this paragraph does not specifically relate to Stakeholding Fisher licensing there is no other clear location within the "*IPOA-IUU*" framework for these recommended actions and a coastal State, as specified under UNCLOS of 1982 (DID261), requires a territorial sea etc.

81. **IV.08 - flag State Responsibilities (fSR)** ("*IPOA-IUU*" paragraphs 34-50) : 5 Actions under flag State Responsibilities (fSR) relating to the fishing licensing of fishing vessels because fishing licensing of fishing Vessels primarily relates to Vessel fishing operations.

(22) https://unctad.org/topic/least-developed-countries/list
(23) Note regarding numbering that IV.01 provides the introduction and is not an action theme.

IV.01.03 Actions Workplan

82. A "*PERSGA RPOA-IUU*" Action Planning table of the 54 proposed "*PERSGA RPOA-IUU*" Actions under the seven themes is provided in Annex 3. The table gives an indicative workplan and budget and opportunity for ranking Actions and providing direction on Actions in support of the development of "*PERSGA NPOA-IUU*". The table can be used for further planning purposes and can be revised as required.

83. The proposed "*PERSGA RPOA-IUU*", and "*PERSGA NPOA-IUU*" Actions are expected to be delivered over an initial 5 year period.

84. The "*PERSGA RPOA-IUU*" indicative budget also provides initial support for projected "*PERSGA NPOA-IUU*" Actions. The overall budget is broken down by the 7 themes and by cost area as listed below.

    01. 10.34% of the indicative budget relates to the preparation of regional guidelines and standards with significant investment proposed for software development for data management.

    02. 1.29% for drafting and processing of legislation.

    03. 11.78% for travel and expenses for Regional and National "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" Consultative Committees.

    04. 10.43% for capacity building training.

    05. 57.99% for goods and demonstration pilots including for Fisheries certification, Protected Area boundaries demarcation, SPAG surveys, ByCatch and Discards and Fisheries Statistics and Stock Assessment with significant investment proposed for shore facility improvements.

    06. 8.17% for monitoring and evaluation (service delivery etc).

IV.02 coastal State Measures (cSM) - Cross-cutting

85. 21 key cross-cutting actions are proposed to address cross-cutting constraints to the effective management of IUU fishing. They are presented under coastal State Measures because most of the measures apply at the coastal State level. Proposed actions include sourcing the funding for delivery of any agreed actions and the Service Delivery Targets to be used to determine the impact[24] of any investment. Delivery of proposed actions is conditional on funding.

IV.02.01 Capacity Building (National)

86. The need for National Capacity building was identified in a number of the Country IUU fishing assessments.

87. Capacity building covers formal training and informal public awareness/communication matters. Significant constraints have been identified in some of the Country IUU Fishing Assessment Reports relating to Monitoring, Control, and Surveillance (MCS) (enforcement) matters. The constraints include the number of people assigned to report and regulate IUU fishing, their trained capacity to do so, and the physical resources, including tools to do so (transport, monitoring and surveillance tools, physical access to monitoring sites, data management etc).

88. The need for raising awareness and encouraging participation by Stakeholders in improved IUU Fishing practices has also been identified.

(24) Relevance, coherence, effectiveness, efficiency, impact, and sustainability (DID5266)

89. The proposed Action (see IV.02.08) below for the identification and mainstreaming of good practice examples aims to support this capacity building.

90. Technical and other support for delivery should be facilitated by the "*General Secretariat*" and national capacity building should primarily focus on the "*Competent (national) Authority(ies)"* responsible for the delivery of the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" and the Service Delivery Targets specified at IV.02.18 below.

91. The following sub-actions are proposed to assess and specify **national** capacity building needs to enable national capacity building for improved IUU fishing management.

92. Accordingly, it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for a Regional Guideline and Standards for **national** capacity building needs assessment for delivering *PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" comprising the following key elements:.

    01. A **Personnel** needs assessment for each "*Competent (national) Authority*" to determine how many legal, reporting and regulating staff are required to monitor and facilitate delivery.

    02. A **Tools** needs assessment for each "*Competent (national) Authority*" to determine the best available tools to be used for delivery.

    03. A **Training** needs assessment (TNA) for each "*Competent (national) Authority*" to determine what personnel and tools training materials are required for delivery.

    04. **Funding** assessment (required/available) for delivering the identified Personnel/ Tools/ Training budget.

    05. **Procurement/delivery Plan** for capacity building of the "*Competent (national) Authorities*" including what, why, who, when, and where, based on the funding assessment to include a framework for monitoring and reporting on delivery of personnel, tools and training.

    06. **Recommendations** : Present any recommendations to the "*Council*" for its further consideration. If agreed:

    07. **Implementation** : Implementation of capacity building measures through "*Competent (national) Authorities*".

93. An indicative budget for the "*Capacity Building (National)*" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision. An indicative budget for capacity building to deliver specific Actions is also provided against those actions.

IV.02.02 Capacity Building (Regional)

94. It is assumed that the focus of **regional** capacity building should be the "*Organization*" (PERSGA) as a "*Regional Fisheries Body (RFB)"* and in respect of providing technical and other support for PERSGA RPOA-IUU and NPOA-IUU delivery[25].

95. The Indian Ocean Tuna Commission (IOTC) (DID5096), and the International Whaling Commission (IWC) (DID5100), cover the PERSGA region in respect of certain IUU matters (DID4890). Neither IOTC, nor IWC, cover all Jeddah Convention related living marine resource (LMR) matters and IWC has no Jeddah Convention parties as signatories.

(25) The Jeddah Convention draft Fisheries and Aquaculture Protocol (DID2569) Article 11 relates to combatting Illegal Unreported and Unregulated (IUU) Fishing through an RPOA-IUU (Article 11.1) and NPOA-IUU (Article 11.2). The RPOA-IUU will, when approved, form Article 16.1.i (Annex).

96. Whilst the "*Organization*" (PERSGA) has a Living Marine Resources Program and has helped prepare a draft Fisheries and Aquaculture Protocol (DID2569) the number of staff and resources is limited in respect of "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" secretariat services.

97. The following sub-actions are proposed to assess and specify **regional** capacity building needs to support both regional, and national, capacity building for improved IUU fishing management.

98. If technical and other support for "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" delivery is to be facilitated by the "*Organization*" (PERSGA) then capacity must be created to do this.

99. Accordingly, it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for a Regional Guideline and Standards for **regional** capacity building needs assessments for "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" delivery comprising the following key elements:.

    01. A Personnel needs assessment for the "Organization" (PERSGA) to determine how many legal, reporting and regulating staff are required to monitor and facilitate delivery.

    02. A Tools needs assessment for "Organization" (PERSGA) to determine the best available tools to be used for delivery.

    03. A Training needs assessment (TNA) for "Organization" (PERSGA) to determine what personnel and tools training materials are required for delivery.

    04. Funding assessment (required/available) for delivering the identified Personnel/ Tools/ Training budget.

    05. Procurement/delivery Plan for capacity building of the "Organization" (PERSGA) including what, why, who, when, and where, based on the funding assessment to include a framework for monitoring and reporting on delivery of personnel, tools and training.

    06. Recommendations : Present any recommendations to the "Council" for its further consideration. If agreed:

    07. Implementation : Implementation of capacity building measures for the "Organization" (PERSGA) .

100. An indicative budget for the "*Capacity building (Regional)*" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

IV.02.03 Certification (IUU Fishing)

101. Marine Stewardship Council (MSC) certification of fisheries is identified as a 2020 State of the Marine Environment indicator for the Red Sea and Gulf of Aden (SOMERSGA II) (DID4489). No fisheries were indicated to be certified at the time of publication of the PERSGA Region IUU Fishing Assessment (DID5207) . However, it has been identified, informally, that one Jeddah Convention "Contracting Party" may be seeking certification of a fishery.

102. Certification can be defined as the independent, usually timebound, public access accreditation of a fishery against a set of sustainability criteria. Voluntary standards are set by FAO through the 1995/1999 Code of Conduct for Responsible Fisheries (CCRF) (DID2571, DID5241), the 2009 FAO Ecolabeling Guidelines (DID194), and the set of Technical Guidelines for Responsible Fisheries (TGRF) produced under this Code of Conduct.

103. In addition there is a trend towards private certification initiatives (DID5258). Key organisations in this field include the Marine Stewardship Council for wild caught fish species (DID5209) and the Aquaculture Stewardship Council for aquaculture/mariculture (DID5257).

104. An increase in the number of certified fisheries is identified as a service delivery target for IUU fishing under Action IV.02.18 below.

105. Accordingly it is recommended that the "Council" authorize the "General Secretariat" to commission support for a Regional Guideline and Standards for "Certification" assessments comprising the following key elements:

    01. **Fisheries Certification pilot(s)** : Identification criteria for pilots[26].

    02. **Procurement/Implementation Planning** : Planning for capacity building, monitoring and evaluation (reporting and regulating), public communications and good practice, for delivery of fisheries certification.

    03. **Financing** : Financing options including options for a revolving fund to deliver the certification pilot(s).

    04. **Recommendations** : Presentation of the Regional Guideline and Standards to the "*Council*" for its further consideration. If agreed:

    05. **Implementation** : The "*General Secretariat*" to facilitate the "*Competent (national) Authority*" to identify, pilot, monitor, and report back, to the "*Council*" on the pilot(s) delivery and propose follow-up actions to be considered by the "*Council*".

106. An indicative budget for the "Certification (IUU fishing)" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

IV.02.04 Delivery of Actions (National)

107. The proposed Action for a mechanism for interagency consultation and collaboration has been identified in one of the Country IUU assessments. An existing legal framework for interagency Consultation is also specified in some of the Country legal theme Assessments.

108. The **national** delivery of *PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" Actions, once agreed by the Council, should be reported to the "*Council*" and facilitated by the "*General Secretariat*" through the respective "*Competent (national) Authority*". Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

109. **A Framework/Constitution** for "PERSGA *NPOA-IUU Consultative (National) Committees*", for consideration by the "*Competent (National) Authority*" comprising:-

    01. **Mandate** : Purpose and service delivery targets

    02. **Capacity building needs assessment (national)** : See Action IV.02.01 above,

    03. **Membership** : An inter-ministerial "*PERSGA NPOA-IUU Consultative (National) Committee*" chaired by the Minister of the "*Competent (National) Authority*", or his/her delegate with members to be specified and including the civil service, the private sector, fisher and other relevant civil society representatives.

(26) Consideration should be given to certification for baitfish, sportfishing, and fish stocks used for aquaculture feed as well a s for human feed.

04. **Secretariat** : The "*Competent (national) Authority*" to provide the Secretariat to the "PERSGA NPOA-IUU *Consultative (National) Committee*" and to have specified responsibilities including notification of meetings, taking and distribution of minutes, and payment of expenses etc.

05. **Procedures** : Selection and removal of members, voting system, meetings, reporting.

06. **Monitoring and evaluation** : Performance monitoring and evaluation.

07. **Financing** : Identification of financial and other needs.

08. **Recommendations** : Present any recommendations to the "*Council*" for its further consideration. If agreed:

09. **Implementation** : Facilitate the "*Competent (national) Authority*" to deliver the governance framework for implementing the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*".

110. An indicative budget for the "*Delivery of Actions (National)*" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

IV.02.05 Delivery of Actions (Regional)

111. As indicated in IV.02.02 there is limited capacity within the "*Organizatio*n" (PERSGA) to provide secretariat services for "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" implementation. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

112. **A Framework/Constitution** for a "PERSGA *RPOA-IUU Consultative (Regional) Committee*", including financing, for consideration by the "*Council*" comprising:-

01. **Mandate** : Purpose and service delivery targets

02. **Capacity building needs assessment (regional)** : See Action IV.02.02 above,

03. Membership : As required under the Jeddah Convention (DID2557).

04. **Secretariat** : The Secretariat to be the Jeddah Convention "*Organization*" "*General Secretariat*" (DID2557), or sub-secretariat, to have specified responsibilities including notification of meetings, taking and distribution of minutes, and payment of expenses etc.

05. **Procedures** : As required under the Jeddah Convention (DID2557).

06. **Monitoring and evaluation** : Performance monitoring and evaluation.

07. **Financing** : Identification of financial and other needs.

08. **Recommendations** : Present any recommendations to the "*Council*" for its further consideration. If agreed:

09. **Implementation** : Facilitate implementation of the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" through the proposed "PERSGA *RPOA-IUU Consultative (Regional) Committee*" reporting to the "*Council*" through the "*General Secretariat*".

113. An indicative budget for the "*Delivery of Actions (Regional)*" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

IV.02.06 Database IUU Fishing (Regional)

114. The PERSGA Region IUU Fishing Assessment (DID5207), indicates that the **Legal** framework is generally satisfactory but requires greater implementation. **Reporting** of IUU fishing related issues is variable but generally limited in the "*Contracting Parties*". **Regulating** of IUU fishing related issues through licensing and the setting of licensing conditions through quotas is also variable but also generally limited in the "*Contracting Parties*".

115. The "*IPOA-IUU*" (DID3020) refers to the investigation of regional and global databases in support of reporting (Article 92) and databases to support research (Article 77). However, there is no direct reference to use of database systems for regulatory purposes including the management of licensing and associated conditions. The PERSGA Fisheries and Aquaculture Protocol (DID2569, Article 17.d) refers to the need for enhancing regional capabilities and networks for the exchange of data and information.

116. The PERSGA SFISH Project has made significant investment in a regional web-enabled database platform. However, it requires further developed to support "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" legal, reporting and regulating needs. There is also the need for capacity building in its use at the "*Organization General Secretariat*", "*Competent (national) Authority*" and other Stakeholder levels.

117. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for the design, delivery and use of a **Web enabled geospatial database** specification to support the following:

    01 **Restricted access**: A framework (Firewalled) for restricting access to data to different levels of user (the "*Organization*", "*Contracting Parties*" "*Competent (National) Authorities*", User groups, the Public etc (See the PAtI Action at IV.03.04).

    02 **Legal information** : A platform to allow users to provide and search legal materials to address the Illegal of IUU.

    03 **Reporting** : A platform to allow users to enter, analyse, and use:

        03.01 Catch and Effort data (Fisheries Statistics and Stock Assessment including ByCatch and Discards data);

        03.02 Service delivery/SOMER target data with which to evaluate delivery of the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*".

    04 **Regulating** : Regulating platform to allow users to issue and obtain licenses for fishing with associated conditions, including quotas, to address the unregulated of IUU.

    05 **Financial** : User fees/Polluter pays platform.

    06 **Personnel** : Training, Tools platform.

    07 **Public awareness/good practice** : A platform for raising public awareness regarding good practices in IUU fishing management.

    08 **Research** : IUU fishing related social, economic and environmental research platform.

    09 **Grievance/Arbitration** : Grievance/Arbitration matters platform.

    10 **Other matters** : Incidents etc.

118. An indicative budget for the "*Database IUU fishing (Regional)*" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

119. A Regional (IV.02.02), and National (IV.02.01) capacity building needs assessment is proposed for the "*General Secretariat*", "*Competent (national) Authorities*" and other key stakeholder groups to determine how many legal, reporting and regulating staff are required for the proposed Web enabled geospatial database to monitor and facilitate delivery of the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*".

IV.02.07 Funding for IUU Fishing Management

120. UNEP produced a report in 2006 on Financing for the Environmental Conservation of the Red Sea and Gulf of Aden (DID5264). The report gives no substantive funding solutions and signals that:

> *Unfortunately, domestic environmental financing through sources such as " user/polluter fees, enterprise PAC practices, and public sector resources does not cover the total expenditures needed. In this situation, outside financing needs to be secured, either in the form of grants, loans, IFI financ- "ing, or private-sector investors*

121. The "*IPOA-IUU*" (DID3020) specifies conditional FAO budgetary support (Article 89) for IUU fishing management. The Jeddah Convention Article XX (DID2557) specifies the Budget and Financial Resources of the "*Organization*". There is no regular income other than contributions by the "*Contracting Parties*" which covers in cost, or kind, core "*Organization*" requirements. Project related funds are timebound and cannot be used to fund the incremental costs of improved environmental support including increased support for IUU fishing management initiatives.

122. IUU fishing cannot be managed nationally, or regionally, without in cash, and/or in-kind resourcing including the resourcing needed for implementing proposed "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" Actions. The source of this resourcing has not been identified.

123. Accordingly, it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for a review of the 2006 (DID5264) financing study to re-evaluate, and identify any new opportunities/mechanisms for sustainable financing of IUU fishing management. Consideration should be given, in this review to the following options:

    01 **Tax on traded fish** : Fish chain of environmental custody tax on all fish sourced from, and imported to, "*Contracting Parties*".

    02 **Vessel environmental tax** : VESSEL transit flag State environmental tax for all flag State registered VESSELS passing through, and/or registered within, the waters of the RSGA covered by the Jeddah Convention (DID2557) and the "*Internal Waters*" of "*Contracting Parties*" if agreed (see Action IV.02.09).

    03 **Fisher fishing environmental tax** : a Fisher (Stakeholder) environmental tax associated with a Fisher fishing license.

    04 **Vessel fishing environmental tax** : a fishing vessel environmental tax associated with a Fishing Vessel license.

    05 **Other marine use environmental tax** : environmental tax associated with other marine use licenses (energy – renewable/non-renewable, mining, infrastructure, tourism etc).

06 **Contracting Party Contributions**.

07 **Philanthropy** : Contracting Party, philanthropy, corporate social governance contributions to a Jeddah Convention trust fund.

08 **Loss and Damage** (DID5239) : Funds from loss and damage claims.

09 **Revolving funds** : a pump primed revolving fund for re-investment.

10 **Other sources**.

124. The review should additionally consider:-

01. **Trust Fund** : A multi-donor funded Jeddah Convention Trust fund with an environment and climate change focus and a constitution for the fund operation.

02. **A multi-donors meeting** : A multi-donor meeting to solicit pledges for funding delivery of actions under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*".

125. The "*General Secretariat*" should:-

01. **Recommendations** : Present any recommendations to the "*Council*" for its further consideration. If agreed:

02. **Implementation** : Facilitate implementation of the agreed recommendations in support of delivery of the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*".

126. An indicative budget for the "*Funding for IUU Fishing Management*" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

IV.02.08 Good Practice Examples (IUU Fishing)

127. Whilst there were hints of some good practices in delivering effective management of IUU fishing in certain country assessments for the PERSGA Region IUU Fishing Assessment (DID5207) (arrests, confiscations, fisher association operations etc) these were limited, not elaborated and unverified.

128. Identifying and mainstreaming country/transboundary IUU fishing good practices across the region should be used to support capacity building, public awareness, and management by consensus. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **Guidelines** : Regional guidelines to identify and document IUU fishing good practices in SPAG, Shore Facilities, by Stakeholder fishers, and by fishing Vessels.

02. **Identify good practices** : "*Competent (National) Authorities*" to identify good practices, using the guidelines, and document them as annex(es) to each "*PERSGA NPOA-IUU"*.

03. **Archive and disseminate** : Archive and disseminate these good practices in the database recommended at IV.02.06 above.

04. **Annual prize** : Solicit, and obtain, funding for an annual prize for IUU fishing management good practices to mainstream good practices through the region.

05. **Recommendations** : Present these sub-recommendations to the Council for its further consideration. If agreed:

06. **Implementation** : Facilitate implementation of the agreed recommendations in support of the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*".

129. An indicative budget for the "*Good Practice Examples (IUU fishing)*" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

IV.02.09 Internal Waters

130. The "*Contracting Parties*" and their "*Competent (national) Authorities*" should make every effort to ensure that the Actions proposed within the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" can also address IUU fishing related issues within the "*Internal Waters*" of "*Contracting Parties*". Accordingly it is recommended that the "*General Secretariat*" present the following recommendations to the "*Council*" for its consideration:

    01. **Internal Waters** : IUU fishing management matters within the internal waters of "*Contracting Parties*" should take note of/voluntarily comply with/legally implement the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*".

    02. **Recommendation** : Present this recommendation to the "*Council*" for its further consideration. If agreed:

    03. **Guidelines** : Prepare regional guidelines for implementation.

    04. **Recommendation** : Present this Guidelines to the "*Council*" for its consideration. If agreed:

    05. **Implementation** : Facilitate implementation of the agreed guidelines in support of the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" Actions within the "*Internal Waters*" of "*Contracting Parties*".

131. An indicative budget for the "*Internal Waters*" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

IV.02.10 Issues (IUU Fishing)

132. The list of 28 Issues presented at Annex 4 of the PERSGA Region IUU fishing Assessment (DID5207), modified, if necessary, should be assessed at agreed intervals and show improvement by issue and overall. The improving state of these Issues is identified as a service delivery target for IUU (See IV.02.18).

133. Issues include those directly related to IUU fishing and wider social and economic benefits from the effective management of IUU fishing, particularly in respect of delivery of the SDGs (DID3246) identified as asset "*Issues*"(27). Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

    01. **Guideline** : A Regional Guideline and Standards for reviewing, revising, building capacity to assess, and assessing Theme > Asset > Issues as part of the framework for monitoring delivery of "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" and for future PERSGA SOMER.

    02. **Recommendation** : Present this guideline and standards to the "*Council*" for its further consideration. If agreed:

    03. **Implementation** : Facilitate implementation of the agreed guidelines in support of "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" Actions and PERSGA SOMER.

134. An indicative budget for the "*Issues (IUU fishing)*" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

(27) SDG 1 - Poverty; SDG 2 - Seafood security; SDG 3 - Health and Safety (H&S); SDG 4 - Education; SDG 5 - Gender; SDG 6 - Energy; SDG 12 - 3Rs; SDG 13 - Climate; SDG 14 - Biodiversity; SDG 16 - Grievance/PAtI

IV.02.11 PERSGA NPOA-IUU Adoption

135. An NPOA-IUU for fishing was developed in 2010 for one of the Jeddah Convention Countries (DID5254). It is unclear whether it has been formally adopted. The respective national SFISH supported IUU fishing assessment was undertaken taking note of this NPOA-IUU.

136. No NPOA-IUU has been explicitly identified for any of the other "*Contracting Parties*" although it is implied in the assessment for one "*Contracting Party*" (DID5225) and may be addressed by a comparable instrument by another "*Contracting Party*" (DID5229).

137. "*PERSGA NPOA-IUU*" for fishing should be developed either in informal compliance with the "*PERSGA RPOA-IUU*" for fishing if not formally adopted by the "*Council*", or formally, if formally adopted (see IV.02.16 "*PERSGA RPOA-IUU*" adoption).

138. Where a "*PERSGA RPOA-IUU*" Action is already addressed at the Country level then the Action should still be listed in the Country "*PERSGA NPOA-IUU*" indicating that it is already addressed *(DID5271)*.

139. Where a proposed "*PERSGA NPOA-IUU*" Action does not comply with one or more of the Actions specified in the "*PERSGA RPOA-IUU*" then this should be identified as a reservation. The "*Competent (national) Authority*" can then submit the "*PERSGA NPOA-IUU"* for Country approval and, if approved notify the "*Organization*".

140. An indicative budget for the "*PERSGA NPOA-IUU Adoption*" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

141. Note : Consideration should be given to developing guidelines for revising the "*PERSGA NPOA-IUU*", and to revising the "*PERSGA NPOA-IUU*" based on these guidelines, every four years, to reflect the timescale specified for NPOA-IUU review in the "*IPOA-IUU*" (DID3020, paragraph 26).

IV.02.12 Political and Economic Analysis of IUU

142. The need for a Political and Economic Analysis (PEA) of IUU was a proposed recommendation in one of the Country IUU fishing Assessments (DID5227) . The process has been applied to, at least, one Country, Senegal in West Africa (DID5267). As far as is known the methodology has not been used in the PERSGA region.

> This type of analysis is needed when *"attempting to find out what is really `going on' in a situation, what lies behind the surface of the immediate problem, for example whether competing interests exist"*.
>
> Djibouti PERSGA SFISH IUU Consultant 30th July 2024

143. Competing interests can result from:

    01. **<u>Unclear mandates</u>** : Misunderstandings, lack of clarity, or lack of direction over the mandates of "*Competent (National) Authorities*".

    02. **<u>Unclear operating conditions</u>** : Misunderstandings, lack of clarity, or lack of direction over the environmental responsibilities associated with an operating license (Shore Facility, Fisher, Fishing Vessel etc).

03. **Unfair trade** : Fish trade between countries with different costs (investment, operational - fuel, fisher wages), subsidies, and fish prices that can incentivise overfishing.

144. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **PEA Guidelines** : A regional standard/guideline for PEA of IUU fishing regionally and for each of the "*Contracting Parties*" including capacity building, financing etc needs and recommendations.

02. **Recommendation** : Present this guideline and standards to the "*Council*" for its further consideration. If agreed:

03. **Implementation** : Facilitate implementation of the agreed guidelines in support of the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" Actions.

145. An indicative budget for the "*Political and Economic Analysis of IUU" Action*, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

IV.02.13 Pollution Control

146. A number of pollution control matters[28] are identified as 2020 State of the Marine Environment indicators for the Red Sea and Gulf of Aden (SOMERSGA II) (DID4489).

147. Pollution matters are central to the mandate of PERSGA. They are not clearly identified in the "*IPOA-IUU*" (DID3020) but are indicated in the PERSGA Fishing and Aquaculture Protocol Articles 4.10, 8.4.b, 9.4.g, and 9.8 (DID2569) .

148. The requirement for improved pollution control was identified in two of the Country Assessments and implied in others. It is, accordingly, suggested that pollution control measures, including those relating to Annexes I-VI of MARPOL 73/78 (IV.03.11) such as waste collection/processing and greenhouse gas emissions , should be incorporated in proposed Shore Facility management plans (IV.05.05), in the proposed nationally sourced Action for Shore Facility Infrastructure (IV.05.01), and in Stakeholder fisher (IV.07.04) and fishing Vessel (IV.08.04) reporting and regulating requirements.

149. It should be noted (DID5207, Annex 5) that all parties to the Jeddah Convention have adopted the Jeddah Convention Protocol on Land Based Activities (DID2835) and the Jeddah Convention Protocol on Oil and Other Harmful Substances (DID4186). In addition (see IV.03.11) all parties to the Jeddah Convention have adopted IMO MARPOL 73/78 (DID4390). However, not all "*Contracting Parties*" have adopted all VI annexes. Adoption, is accordingly, proposed for relevant Countries in respect of these unadopted Annexes (see IV.03.11). Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

(28) Marine litter (year/site/occurrence), Zero wastewater discharge practice (year/country), Oil spills (year/site/tonnes), Wastewater treatment (year/site/m3), Ballast water reception (year/site/m3), Ratified multilateral environmental agreements (year/number), Solid waste coastal clean-up (year/site/tonnes, Solid waste production (year/site/tonnes, Waste oil reception (year/sites/tonnes), POPs in marine fish (year/site/value). Blue flag beaches (year/site/number), Managed landfill sites (year/site/tonnage), Environmental Management System (EMS) accredited Ports (year/site/tonnage).

01. **Review and Guidelines** : A review of IUU-Fishing relevant pollution matters particularly related to Shore Facility and Vessel Operations, to identify good practices, to quantify Service Delivery Targets, and to recommend funding mechanism to deliver these targets.

02. **Recommendations** : Present any recommended measures to the "*Council*" for its further consideration. If agreed:

03. **Implementation** : The delivery of any approved measures through personnel, training and tools etc.

150. An indicative budget for the "Pollution Control" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

IV.02.14 Reporting

151. Reporting is a key requirement of the Code of Conduct for Responsible Fisheries (DID2571). The "*IPOA-IUU*" (DID3020) is a tool for delivering the IUU parts of the Code. Reporting is a key element of the definition of IUU fishing and Unreported is one of the "U"s of IUU. The "*IPOA-IUU*" includes a Section VI relating to reporting and also specifies the reporting requirements under "*flag State*" Responsibilities and under the role of Regional Fisheries Management Organizations ("*Regional Fisheries Bodies*").

152. The 1982 Jeddah Convention (DID2557) signals the need for reporting and the 2020 PERSGA SOMERSGA II (DID4489) presents 41 indicators including a number of relevance to the subject of IUU fishing.

153. The PERSGA Fisheries and Aquaculture Protocol (DID2569) signals the requirement for Contracting Parties to report to the "*Organization*" (Part 5 Article 15) and Organizational responsibilities for reporting (Part 6, Article 17g).

154. International, regional and national reporting requirements by the "*Organization*" and the "*Contracting Party*" "*Competent (national) Authorities*" are significant obligations in respect of IUU fishing reporting. In addition there are significant reporting requirements for other environmental matters. There is limited capacity to deliver on these reporting matters.

155. The PERSGA Region IUU Fishing Assessment (DID5207), Chapter 2, signals that there is currently relatively limited reporting on IUU fishing matters by the "*Contracting Parties"* and the "*Organization*" reflecting the limited capacity to report and the large number of reporting obligations.

156. A number of actions presented in this "*PERSGA RPOA-IUU*" aim to address these constraints including "*Service Delivery Targets*" (IV.02.18)".

157. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **Review** : A review of IUU-Fishing reporting requirements to identify and reconcile a list of IUU fishing related Service Delivery Targets and their means of delivery, including capacity building needs, and to make recommendations.

02. **Regional Standard/Guideline** : A regional standard/guideline for IUU fishing reporting regionally and for each of the "*Contracting Parties*" including capacity building, financing etc needs.

03. **Recommendations** : Present any recommendations to the "*Council*" for its further consideration. If agreed:

04 . **Implementation** : The delivery of any approved reporting through personnel, training and tools etc.

158. An indicative budget for the "*Reporting*" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

IV.02.15 Research

159. The "*IPOA-IUU*" (DID3020) specifies research needs (Article 77)(29). The PERSGA Fisheries and Aquaculture protocol Article 8 relates to research including Article 8.4 which specifies 9 research priority areas (DID2569). In addition, the Jeddah Convention and other associated Protocols, together with other legal instruments, to which the "*Contracting Parties"* are party, specify research matters.

160. A particular focus for Research under SFISH to be considered should also include: (1) Climate Adaptation and Resilience Vulnerability of the PERSGA region fisheries; (2) Climate Change and IUU Fisheries Loss and Damage matters; (3) the impact of fishing activities on the status and recovery of key habitats supporting fisheries related ecosystem goods and services. Accordingly it is recommended that the "*Council*" authorizes the "General Secretariat" to commission support for:

01. **Review** : A review of IUU-Fishing relevant research matters to identify good practices, to quantify Service Delivery Targets in respect of research needs and propose measures to deliver these targets.

02. **Regional Standard/Guideline** : A regional standard/guideline for IUU fishing research regionally and for each of the "*Contracting Parties*" including the identification of research needs, capacity building, research criteria and funding mechanisms etc.

03. **Recommendations** : Present any recommendations to the "*Council*" for its further consideration. If agreed:

04. **Implementation** : The delivery of any approved reporting through personnel, training and tools etc.

161. An indicative budget for the "*Research*" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

IV.02.16 PERSGA RPOA-IUU Adoption

162. The need for a RPOA-IUU for fishing is not explicitly identified, but is implied, in the UN FAO IPOA-IUU for fishing (DID3020). It is specified to be required as an Annex to the proposed PERSGA Fisheries and Aquaculture Protocol (DID2569, Article 16.1.i.) .

163. An intermediate result indicator specified in the results framework of the SFISH Project Appraisal Document (PAD) is "*Regional plan of action prepared and adopted for IUU fishing management in RSGA"* (DID4887) .

(29) IPOA-IUU Article 77. States should encourage scientific research on methods of identifying fish species from samples of processed products. FAO should facilitate the establishment of a network of databases of genetic and other markers used to identify fish species from processed product, including the ability to identify the stock of origin where possible.

164. In order for the SFISH developed "*PERSGA RPOA-IUU*" for fishing to be the basis for developing "*PERSGA NPOA-IUU*" for fishing it is recommended that the "*PERSGA RPOA-IUU*" for fishing be submitted, by the "*General Secretariat*", for consideration by the "*Council*". Once adopted the "*PERSGA RPOA-IUU*" should be included as an Annex (Article 16.1.i) to the PERSGA Fisheries and Aquaculture Protocol, or when approved, the approved Protocol (DID2569).

165. Pending adoption, the "*PERSGA RPOA-IUU*" is recommended to be a voluntary guideline(30) for developing "*PERSGA NPOA-IUU*", for "*Contracting Parties*" and their "*Competent (national) Authorities"*.

166. Accordingly it is recommended that the "*General Secretariat*" identify adoption of this "*PERSGA RPOA-IUU*" for consideration by the "*Council*".

167. If adopted the "*PERSGA RPOA-IUU*" should provide the compliance direction for developing "*PERSGA NPOA-IUU*".

168. An indicative budget for the "*PERSGA RPOA-IUU Adoption*" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

169. Note : Consideration should be given to developing guidelines for revising the "*PERSGA RPOA-IUU*", and to revising the "*PERSGA RPOA-IUU*" based on these guidelines, every four years, to reflect the timescale specified for NPOA-IUU review in the "*IPOA-IUU*" (DID3020, paragraph 26).

IV.02.17 RPOA-SCP (Special Conservation Plans)

170. The PERSGA SFISH Project has commissioned another consultancy to prepare/update Regional Action Plans (Special Conservation Plans) for Sharks, Marine Turtles, Seabirds and Marine Mammals.

171. The following is presented pending delivery, and consideration, of any recommendations made concerning PERSGA RPOA and NPOA-IUU fishing Actions from the Regional Action Plans (Special Conservation Plans) Consultancy.

172. Whilst the Code of Conduct for Responsible Fisheries (CCRF) (DID2571) and the "*IPOA-IUU"* (DID3020) refer to special conservation measures they do not specify any particular living marine resources. However, since the management of these living marine resources reflects the effectiveness of "*PERSGA RPOA-IUU*" fishing management measures the subjects of RPOA-SCP, and NPOA-SCP, are included in this "*PERSGA RPOA-IUU*" and for consideration in "*PERSGA NPOA-IUU*".

173. The PERSGA Fisheries and Aquaculture Protocol, under the heading "*Special Conservation Plans*" (SCP) identifies, in Article 12.1 (DID2569), that "*the Organization and Contracting Parties shall collaborate to develop, adopt and implement Regional and National Plans of Actions for Conservation of Sharks, Marine Turtles, Seabirds and Marine Mammals…..".*

174. The PERSGA Fisheries and Aquaculture Protocol also signals the requirement for reporting on the delivery of these PERSGA Special Conservation Plans (Article 15.D) and, if approved, that these RPOA-SCP and NPOA-SCP should be an integral annex to an approved PERSGA Fisheries and Aquaculture Protocol as Article 16.1.ii.

175. FAO produced an IPOA-Sharks and IPOA-Seabirds (and fishing capacity) in 1999 (DID2573) .

176. PERSGA produced a RPOA - (RAP) -Turtles in 2004 (DID3896) and PERSGA Technical Series Report 8 on the Status of Seabirds in 2003 (DID3834).

(30) The IPOA-IUU is signaled to be a voluntary guideline (DID3020, paragraph 4).

177. The 2020 PERSGA SOMERSGA II indicators (DID4489) included one species of shark (hammerhead aggregations), turtles (nests) one species of seabird (osprey nests), and one species of marine mammal (dugong).

178. The Consultancy should make particular note of the need to address "*ByCatch*" and "*Discards*" in IUU fishing matters in the RPOA-SCP and NPOA-SCP. There are a significant number of guidelines produced for addressing "*ByCatch*" and "*Discards*" issues. For example, in 2018, the General Fisheries Commission for the Mediterranean (GFCM) produced good practice guidelines for the handling of Cetaceans (DID5123), Sea Turtles (DID5124), Seabirds (DID5125), and Sharks and Rays (DID5126) .

179. Accordingly it is recommended the "*General Secretariat*" notify the commissioned consultants to voluntarily comply with the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" until such time as the "*PERSGA RPOA-IUU*" is approved by the "*Council*" and each "*PERSGA NPOA-IUU*" is approved by the relevant "*Competent (National) Authority*"/Higher National Authority.

180. An indicative budget for the "*RPOA-SCP (Special Conservation Plans)*" Action, under "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

181. **Note**: Regional assessments and the preparation of a regional guideline and proposed regional Actions should be prepared under the SFISH "RAP" Special Conservation Plans for sharks, marine turtles, seabirds and marine mammals. No budget is provided for this. It also needs to be confirmed whether the "RAP" includes the preparation of national contributions to the RAP.

IV.02.18 Service Delivery Targets

182. See also "*PERSGA RPOA-IUU*" Actions IV.02.06, IV.02.14 etc.

183. Delivery of improved IUU fishing management in the PERSGA region needs to be evidenced using service delivery target indicators which should be SMART (specific, measurable, achievable, relevant and timebound). Regional guidelines should be provided on how to assess these service delivery target indicators. These indicators should be adopted nationally and show improvement over time.

184. 14 Service Delivery Targets are listed below by theme and, where specified, by PERSGA RPOA-IUU Action and include the 5 PERSGA SFISH IUU themes (Legal, Shore Facility, SPAG, Stakeholder, and Vessel).

Table 1: Service Delivery Targets

No	Service delivery target indicator	Means of verification
01	Cross-cutting - Certification: Number of Fisheries (capture and culture) certified against international standards increasing (this .reflects a PERSGA SOMERSGA II indicator (DID4489)) increasing	Certificates
02	Cross-Cutting - Issues : The SSC scores for the 28 issues listed .in Annex 4 (DID5207) (and as subsequently modified), improving	SSC Scores for Theme > Asset > .Issue assessments
03	.Cross-Cutting – RPOA-SCP : To be determined	To be determined
04	Cross-Cutting – Reporting: Other service delivery target indica- .tors	Database functionality/use. Catch and Effort/Fisheries Statistics and Stock Assessment. Other service delivery targets, SOMER etc
05	.Cross-Cutting – Research : To be determined	To be determined
06	Cross-Cutting – ByCatch and Discards : ByCatch and Discards .reducing over time	Catch Landing Forms
07	Cross-Cutting - Fisheries Statistics and Stock Assessment: To .be determined	.To be determined
08	.Legal : Action specified International laws acceded to	National/Treaty Secretariat Legal Archives
09	.Legal : Action specified Executive Regulations issued	National Legal Archives
10	Legal : Number of IUU fishing offences/incidents, including grievances, pollution, recorded by theme/asset/issue to num- ber prosecuted to number resolved/confiscations/fines/ custo- .dial improving	Offence/Incident record reports
11	Shore facility : 2.1. Licenses increasing. 2.2 Number of resto- ration/enhancements from baseline including pollution control improving. 2.3 Catch landing forms completed including/ not .including ByCatch and Discard records increasing	.Shore Facility operating licenses 2.1 .Shore facility audit 2.2 Catch landing forms etc 2.3
12	SPAG : 3.1 Number of SPAG legally recognised increasing. 3.2 Management plans in existence increasing. 3.3 management .effectiveness scores for management plans improving	.SPAG legal documents 3.1 Management Plans 3.2 Management effectiveness 3.3 score sheets
13	Stakeholder : 4.1 Number of randomly sampled fishers by nationality licensed for fishing increasing. 4.2 Fisher license linked quotas increasing. 4.3 Number of catch landing forms completed including/not including ByCatch and Discard re- cords increasing. 4.4 Fisher Association registrations and good governance increasing. 4.5 IUU fisher grievances identified by .category and addressed improving	Fisher fishing licenses 4.1 .Fisher fishing license quotas 4.2 Fisher Catch landing forms 4.4 4.3 Fisher Association registrations/ good governance IUU fisher Grievance redress 4.5 mechanism
14	Vessel : 5.1 Number of randomly sampled Vessels by flag state licensed for fishing increasing. 5.2 Vessel fishing license linked quotas and pollution control measures increasing. 5.3 Number of catch landing forms completed including/not including By- Catch and Discard records increasing. 5.4 IUU fishing vessel .grievances identified by category and addressed improving	.Vessel fishing licenses 5.1 Vessel fishing licenses and log- 5.2 .books Fishing Vessel Catch landing 5.3 forms IUU fishing vessel Grievance 5.4 redress mechanism

185. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **Review** : A review of IUU-Fishing relevant Service Delivery Targets based on the above to identify good practices, to propose SMART Service Delivery Targets, and measures to deliver these targets.

02. **Regional Guidelines** : A regional standard/guideline for IUU fishing research regionally and for each of the "*Contracting Parties*" including the identification of research needs, capacity building, financing etc needs and to make recommendations.

03. **Recommendations** : Present any recommendations to the "*Council*" for its further consideration. If agreed:

04. **Implementation** : The delivery of any approved reporting through personnel, training and tools etc.

186. An indicative budget for the "*Service Delivery Targets*" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

IV.02.19 Stakeholder Governance/Grievance

187. The PERSGA SFISH IUU sub-component Grievance (redress) mechanism currently comprises:

> For inquiry or grievance related to this questionnaire and the SFISH project an aggrieved party may contact PERSGA though the following address: Email: persga@persga.org.; Telephone: +966124238854
>
> Further information is provided in the Stakeholders Engagement Plan of the SFISH project, including grievance form through the following link: Http://persga.org/Documents/Publications/SFISH/SEP_PERSGA_C1_SFISH_Project.pdf
>
> Allegations of harassment by PERSGA or SFISH project staff can be reported to the email: ethics.helpline@persga.org. The reporting can be anonymous

188. Note should be taken of traditional user rights in respect of participating stakeholders, grievance and public access to information, training and awareness raising, international legal requirements, and delivering against key SDGs (DID3246) identified as asset issues (DID5207, Annex 4).

189. Fisher Association membership is identified as a 2020 State of the Marine Environment Indicator for the Red Sea and Gulf of Aden (SOMERSGA II) (DID4489). Potential good practice Fisher Association activities were identified in some of the Country IUU fishing Assessments.

190. The need for the participation of IUU fishing Stakeholders in addressing IUU issues is identified in at least one country assessment and is part of the justification of a number of proposed recommendations presented in the PERSGA Region IUU Fishing Assessment (DID5207). These include proposed "*PERSGA RPOA-IUU*" Actions for:

01. A Regional Database for IUU Fishing (see IV.02.06).

02. A framework for delivering proposed Actions (National) (see IV.02.04).

03. A framework for delivering proposed Actions (Regional) (see IV.02.05).

04. A Public Access to Information (PAtI) proposed Protocol (see IV.03.04).

05. the principle of issuing a fishing license for all fishers (see IV.07.02).

06. the principle of issuing a fishing license for all fishing vessels (see IV.08.02).

07. This Action - Service delivery targets including a grievance (redress) mechanism (IV.02.19) [31].

191. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **Regional Guideline and Standards** : A Regional Guideline and Standards for addressing Stakeholder governance needs including Grievance (redress) mechanisms, considering the other Actions referred to above.

02. **Funding review** : A review of what funds might be available internationally, regionally, and nationally to implement the proposed guideline and standards (see IV.02.07).

03. **Recommendation** : Presentation of the Regional Guideline and Standards to the "*Council*" for its further consideration. If agreed:

04. **National Studies** : "*Contracting Parties*" studies following the above Regional Guideline and Standards, to propose key additional "Stakeholder Governance/Grievance" Actions, their means of delivery, and the means of monitoring of their delivery including Grievance redress mechanisms.

05. **Recommendation** : Presentation of any recommendations to the respective "*Competent (national Authorities)*" for consideration. If agreed:

06. **Implementation** : The delivery of any approved measures through personnel, training and tools etc.

192. An indicative budget for the "*Stakeholder Governance/Grievance*" Action, under this "*PERSGA RPOA-IUU*" and supporting each "*PERSGA NPOA-IUU",* is presented in Annex 3 for review and revision.

IV.02.20 ByCatch and Discards

193. The ToR for the development of this "*PERSGA RPOA-IUU*" for fishing include the requirement for Action Planning for ByCatch. It is proposed that ByCatch (and discards) Actions are subsumed to the "*PERSGA RPOA-IUU*" and each "*PERSGA NPOA-IUU*" for fishing and the ByCatch (and discards) Action Planning is, accordingly, addressed below.

194. The PERSGA Protocol Concerning the Conservation of Biological diversity and the Establishment of a Network of Protected Areas in the Red Sea and Gulf of Aden (DID2558) does not specify ByCatch and Discards (DID2558).

195. The PERSGA Fisheries and Aquaculture Protocol identifies the issue of non-target specifies including ByCatch (By-Catch) (DID2569, Article 8.4.d) and Discards (DID2569, Article 9.4.g).

196. There is no mention of bycatch[32], incidental catch, or discards in chapter 10 "Fisheries Monitoring" of the 2019 PERSGA Technical Series 10 presenting Standard Survey Methods (DID4317). ByCatch and discards could be inferred from the use of the term "Target species" in the Fisheries Landing Station Survey sheets but the term "Target species" is not used in the Fisheries Onboard Survey sheets.

(31) It is suggested that a key service delivery target for Stakeholder Governance should be a grievance redress mechanism that delivers satisfactory conciliation to aggrieved parties.
(32) ByCatch is mentioned in respect of Marine Mammals in Chapter 9.

197. Whilst the available definitions of ByCatch and Discards (see II.02 above) are relatively clear they should be applied using license regulations with conditions that specify what is a legitimate catch. By extension a catch that is not legitimate is, depending on its fate, either a ByCatch or a discard.

198. Bearing these points in mind a number of other proposed PERSGA RPOA-IUU fishing Actions directly, and indirectly, address the issue of "*ByCatch*" and "*Discards*".

01. **Cross-cutting** : "*Database IUU Fishing (Regional)*" (see IV.02.06); "*Delivery of Actions (National)"* (see IV.02.04); "*Delivery of Actions (Regional)*" (see IV.02.05); "*Reporting*" (IV.02.14). "*RPOA/NPOA-SCP (Special Cons Plans)*" (see IV.02.17); "*Fisheries Statistics and Stock Assessment*" (see IV.02.21).

02. **International (Legal) Instruments** : "*PERSGA Ex-Situ Biodiversity Protocol*" – for ex-situ protected fish species listings (see IV.03.01). "*PERSGA Fisheries and Aquaculture Protocol*" (see IV.03.02). "*PERSGA Biodiversity Protected Areas (BPAs) Protocol Annexes*" – for protected fish species in BPA (see IV.03.03). "*A Public Access to Information (PAtI) Protocol"* – for information sharing specifications "*ByCatch*" and "*Discard*" species (see IV.03.04).

03. **National Legislation** : "Executive Regulations (IUU fishing)" – to specify license regulations with conditions that specify what is a legitimate catch and by extension what is "*ByCatch*" and "*Discard*" and to specify associated species reporting requirements (see IV.04.02).

04. **port State Measures (psM)** : "*IUU Fishing Management – License*" – fishing licensing mandate (See IV.05.03). "*IUU Fishing Management – Regulations*" - to specify any "*ByCatch*" and "*Discard*" species reporting and regulating requirements (See IV.05.04).

05. **Fisher fishing licenses (with conditions)** : the principle of issuing a fishing license for all fishers - to specify any "*ByCatch*" and "*Discard*" species reporting and regulating requirements (see IV.07.02).

06. **Vessel fishing licenses (with conditions)** : the principle of issuing a fishing license for all fishing vessels to specify any "*ByCatch*" and "*Discard*" species reporting and regulating requirements (see IV.08.02).

199. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **Review and Guidelines** : A review of IUU-Fishing relevant ByCatch and Discard matters particularly related to the recording of ByCatch and Discards in catch sampling forms used at Shore Facilities, and in Fisher and Fishing Vessel Operations, to identify good practices, to quantify Service Delivery Targets and to recommend funding mechanism to deliver these targets.

02. **Recommendations** : Present any recommended measures to the "*Council*" for its further consideration. If agreed:

03. **Implementation** : The delivery of any approved measures through personnel, training, tools, etc.

200. An indicative budget for the "ByCatch and Discards" Action, under PERSGA RPOA-IUU and NPOA-IUU, is presented in Annex 3 for review and revision.

IV.02.21 Fisheries Statistics and Stock Assessment

201. The PERSGA SFISH Project has commissioned a consultancy to assess and build capacity in delivering "*Fisheries Statistics and Stock Assessment*". Fisheries Statistics and Stock Assessment are essential tools in the evidence based management of IUU Fishing using fishing licenses and the conditions, including quotas, associated with these licenses.

202. The following is presented pending delivery, and consideration, of any recommendations made concerning PERSGA RPOA and NPOA-IUU fishing Actions from the "*Fisheries Statistics and Stock Assessment*" Consultancy.

203. The FAO Code of Conduct for Responsible Fisheries (CCRF) (DID2571) refers to Stock Assessment (Article 8.4.3) and Fisheries Statistics (Article 7.4.4).

204. The FAO "*IPOA-IUU"* (DID3020) refers to "*effort statistics*" (Article 47.2.1, 47.2.4), "*discard statistics"* (Article 47.2.3) and "Other Statistics" (Article 47.2.5). "Stock Assessment" is not specified although it is implied.

205. Article 5 of the PERSGA Fisheries and Aquaculture Protocol, is titled "*Catch and Fishing Effort Statistics*". "*Fish Stocks Assessment*" is referred to in Article 8.1. There are multiple references to the assessment of Fish Stocks.

206. A number of proposed PERSGA RPOA-IUU fishing Actions directly, and indirectly, address the issue of "*Fisheries Statistics and Stock Assessment*".

    01. **Cross-cutting** : "*Database IUU Fishing (Regional)*" (see IV.02.06); "*Delivery of Actions (National)"* (see IV.02.04); "*Delivery of Actions (Regional)*" (see IV.02.05); "*Reporting*" (IV.02.14). "*RPOA/NPOA-SCP (Special Cons Plans)*" (see IV.02.17).

    02. **International (Legal) Instruments** : "*PERSGA Ex-Situ Biodiversity Protocol*" – for ex-situ fisheries statistics and stock assessment requirements (see IV.03.01). "*PERSGA Fisheries and Aquaculture Protocol*" (see IV.03.02). "*PERSGA Biodiversity Protected Areas (BPAs) Protocol Annexes*" – for prioritization of species for fisheries statistics and stock assessment in BPA (see IV.03.03). "*A Public Access to Information (PAtI) Protocol"* – for specification of the sharing of fisheries statistics and stock assessment information (see IV.03.04).

    03. **National Legislation** : "Executive Regulations (IUU fishing)" – to specify any fisheries statistics and stock assessment requirements in support of IUU fisheries reporting and regulating (see IV.04.02).

    04. **port State Measures (psM)** : "*IUU Fishing Management – License*" – fishing licensing mandate (See IV.05.03). "*IUU Fishing Management – Regulations*" - to specify any fisheries statistics and stock assessment requirements in support of IUU fisheries reporting and regulating (See IV.05.04).

    05. **Fisher fishing licenses (with conditions)** : the principle of issuing a fishing license for all fishers - to specify any fisheries statistics and stock assessment requirements in support of IUU fisheries reporting and regulating (see IV.07.02).

    06. **Vessel fishing licenses (with conditions)** : the principle of issuing a fishing license for all fishing vessels to specify any fisheries statistics and stock assessment requirements in support of IUU fisheries reporting and regulating (see IV.08.02).

207. An indicative budget for the "Fisheries Statistics and Stock Assessment" Action, under "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.03 International Instruments (LEGAL theme - International/Regional)

208. The 12 proposed International/Regional legal theme actions presented below are designed to alleviate **LEGAL** constraints to effective management of IUU fishing identified through the PERSGA region IUU fishing assessment (DID5207).

209. The delivery of the proposed actions under the Legal theme should follow the procedure, and comply with the additional conditions, proposed above under IV.02.04 "*Delivery of Actions (National)*" and IV.02.05 "*Delivery of Actions (Regional)"*.

210. Key international legal instruments identified as relevant to the effective management of IUU fishing in the maritime covered by the Jeddah Convention (DID2557) and adjacent internal waters under UNCLOS (DID261) are tabled in the PERSGA Region IUU Fishing Assessment (DID5207, Annex 5) . Not all Jeddah Convention signatories are party to these instruments in whole, or part. Additional instruments are also proposed. Where agreed these instruments need to be incorporated into National Law.

IV.03.01 PERSGA Ex-Situ Biodiversity Protocol

211. **Jeddah Convention Protected Areas ex-Situ Protocol** – Develop and implement an ex-situ protocol detailing wild species caught ex-situ (outside) of Biodiversity Protected Areas. **Justification/Why?** Areas that are not designated as protected areas under the Jeddah Convention Protected Areas Protocol need a list of agreed priority species that are threatened and those that need to be regulated to support the management of highly migratory species at all stages in their life cycles.

212. Annex 1 : Excepting with a quota specified restoration justified research license issued by the "*Competent (National) Authority*" responsible for biodiversity: All marine mammals, all marine birds, all marine turtles, humphead wrasse, all sharks and rays, all hard and soft corals, all species identified under Annex 1 or 2 of CITES (DID2724), all species identified as protected under the CMS/ Bonn Convention (DID2818), all species identified as protected under the UNCLOS UN Fish Stocks Agreement (UNFSA) (DID5045) etc(33).

213. Annex 2: License based Maximum Sustainable Yield (MSY) quotas for any marine life not specified under Annex 1 of ex-situ wild caught species including all ornamental species, groupers, marlin/sailfish, parrotfish, molluscs, crustaceans, etc.

    01. Species for Annex 1: ???

    02. Species for Annex 2: ???

    03. Other recommended actions?

214. Accordingly it is recommended that the "*Council*" authorize the "*General Secretariat*" to commission support for:

    01. **Review and drafting** : A review and drafting of a PERSGA Ex-Situ Biodiversity Protocol taking note of the above background.

    02. **Annex revisions** : Support for "*Competent (national) Authorities*" to separately and severally confirm/revise the proposed Annexes 1 and 2.

(33) IUCN Red List (DID5117) is advisory and not statutory.

03. **Capacity building needs assessment** : Support for a regional (IV.02.02) and national (IV.02.01) capacity building needs assessment with recommendations to support delivery of the Protocol, if adopted.

04. **Recommendations** : Present the above matters to the "*Council*" for its further consideration. If agreed:

05. **Implementation** : Capacity building in support of delivery of the Protocol, if approved.

215. An indicative budget for the "*PERSGA Ex-Situ Biodiversity Protocol*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.03.02 PERSGA Fisheries and Aquaculture Protocol

216. **Jeddah Convention Fisheries and Aquaculture Protocol** (DID2569) – imPlement: **Justification/ Why?** : Provides a protocol framework for the regional management of IUU fishing.

217. Accordingly it is recommended that:

01. Following approval, the "*Council*" should request the "*General Secretariat*" to commission support for:

02. **Capacity building needs assessment** : Support for a regional (IV.02.02) and national (IV.02.01) capacity building needs assessment with recommendations to support delivery of the Protocol, if adopted.

03. **Recommendations** : Present the recommendations from the capacity building needs assessment to the "*Council*" for its further consideration. If approved:

04. **Implementation** : Capacity building in support of delivery of the Protocol, if approved.

218. An indicative budget for the "*PERSGA Fisheries and Aquaculture Protocol*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.03.03 PERSGA BPAs Protocol Annexes

219. The following suggested recommendations concerning the Jeddah Convention Biodiversity Protected Areas Protocol (DID2558) are proposed based on the PERSGA Region IUU fishing Assessment (DID5207).

220. The "*Contracting Parties*" should identify, taking note of the list of living marine resources/species proposed below, and request the "*Council*", through the "*General Secretariat*" of the "*Council*", to include living marine resources/species so identified in Annex 1 : List of Threatened Species and Annex 2 : List of Species whose exploitation is regulated of the Jeddah Convention Protocol Concerning the Conservation of Biological diversity and the Establishment of a Network of Protected Areas in the Red Sea and Gulf of Aden. PERSGA (DID2558) .

221. Consideration should also be given to specifying the quotas for the species listed in Annex 2.

222. **Annex 1** : The following species are proposed to be listed as threatened species for the purposes of this annex. These species should not be fished in biodiversity protected areas except under a vessel and fisher specified license with science/precautionary/conservative/sustainability quota conditions for restoration justified research issued by the "*Competent (National) Authority)*" responsible for managing Biodiversity Protected areas (BPAs).

223. All marine mammals, all marine birds, all marine turtles, humphead wrasse, all sharks and rays, all hard and soft corals, all species identified under Annex 1 or 2 of CITES (DID2724), all species identified as protected under the CMS/Bonn Convention (DID2818), all species identified as protected under the UNCLOS UN Fish Stocks Agreement (UNFSA) (DID5045) etc(34).

    01. Species for Annex 1: ???

224. **Annex 2** : The following species, not listed in Annex 1, are proposed to be listed as species whose exploitation is regulated for the purposes of this annex. These species should not be fished in biodiversity protected areas except under a vessel and fisher specified license with science/precautionary/conservative/sustainability quota conditions issued by the national "*Competent (national) Authority*" responsible for managing BPAs.

    01. Species for Annex 2: ???

225. **Boundaries of BPA** : Additionally, there should be consideration of the need to require the objective demarcation and notification of the landward and seawards boundaries of BPAs under the Protocol.

226. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to support:

    01. **Annex 1 and 2 recommendations** : "*Contracting Parties*" recommendations for Annexes 1 and 2 of the BPAs Protocol taking note of the above background.

    02. **BPAs boundary demarcation** : "*Contracting Parties*" to confirm/submit the demarcation of BPA boundaries taking note of the above background.

    03. **Recommendations** : Submit the proposed revised annexes and BPA boundaries to the "*Council*" for its consideration. If confirmed:

    04. **Capacity building needs assessment** : Support for a regional (IV.02.02) and national (IV.02.01) capacity building needs assessment and Actions in support of delivery of the Annexes and boundary matters.

    05. **Recommendations** : Present the recommendations from the capacity building needs assessment to the "*Council*" for its further consideration. If approved:

    06. **Implementation** : Implement capacity building recommendations.

227. An indicative budget for the "*PERSGA BPAs Protocol Annexes*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

(34) IUCN Red List (DID5117) is advisory and not statutory.

IV.03.04 PERSGA Public Access to Information (PAtI) Protocol

228. **Jeddah Convention access to information protocol** - Prepare : **Justification/Why?** Information sharing, between regional partners, is critical to addressing transboundary IUU, and between fishing stakeholders to build support for IUU fishing management measures. A Protocol should focus attention on addressing this critical deficiency including the issue of data management.

229. The following suggested initial Public Access to Information (PAtI) Action is proposed based on the implied principles/direction from the UN FAO 1995/1999 Code of Conduct for Responsible Fisheries (CCRF) (DID2571, DID5241), the 2001 UN FAO IPOA-IUU for fishing (DID3020), the Jeddah Convention and its protocols, various international agreements, and the IUU fishing assessment for the Somali Gulf of Aden taking note of the extract from Law 008 of 203 (DID5205).

230. Article 71 (1): "The public shall have access to information not designated as confidential under this Act" (DID5205).

231. Considering the international/regional legislation presented in the PERSGA Region IUU Fishing Assessment (DID5207, Annex 5) , and the precedent set by Somalia in the box above: Citizen science and other civil society Stakeholders, the private sector and government agencies, who may participate in data gathering in support of IUU fisheries management, should have access to, and share, the data they have collected.

232. It is, accordingly, recommended that the following be considered in drafting a "*Public Access to Information*" Protocol:

    01. **Objective review and revision process** : An objective framework for regularly reviewing and modifying the Public Access to Information Protocol.

    02. **Public data** : A list of IUU fishing relevant national data and regional metadata that can be **available** to the general public under the Jeddah Convention (National Laws, CATCH data, Licences, INCIDENTs, Offence convictions etc).

    03. **Restricted data** : A list of IUU fishing relevant national data that can be **available** to the "*Organization*" and severally to the "*Contracting Parties*" that is **not** publicly disclosable.

    04. **Grievance/arbitration** : Separate grievance/arbitration mechanisms for data types specified under (2) and (3) above in the event that there is a dispute about access to information.

    05. **Data Access** : A regional web enabled spatial data management platform should be developed and maintained by the "*General Secretariat*" (see IV.02.06) to support both public, and restricted, data collection, processing, analysis and reporting in support of the management of IUU fishing.

233. Such a framework is key to the effective collection, processing and review of data needed to inform, and audit, effective management response under the Driver, Pressure, State, Impact, Response (DPSIR) framework for environmental management (DID4791).

234. Accordingly it is recommended that the "*Council*" authorize the "*General Secretariat*" to commission support for:

01. **Review and drafting** : A review and drafting of a PERSGA Public Access to Information (PAtI) Protocol taking note of the above background.

02. **Feedback** : Support for "*Contracting Parties*" and their "*Competent (national) Authorities"* to separately and severally comment on the draft PAtI.

03. **Capacity building needs assessment** : A regional (IV.02.02) and national (IV.02.01) capacity building needs assessment and recommendations to support delivery of the Protocol if adopted.

04. **Recommendations** : Present the recommendations from the capacity building needs assessment to the "*Council*" for its further consideration. If approved:

05. **Implementation** : Implement capacity building recommendations.

235. An indicative budget for the "*PERSGA Public Access to Information (PAtI) Protocol*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.03.05 UN CBD Aichi 10%

236. **UN CBD Aichi 10%** (DID1966) **and IUU** : Agreement by Jeddah Convention "*Contracting Parties*" that have not yet agreed – **Justification/Why?** Consensus between the "*Contracting Parties*" on this key target.

237. It should be noted that all Jeddah Convention "*Contracting Parties*" are signatories to the Convention on Biological Diversity (CBD) (DID121, DID5207, Annex 5) and that a consensus decision made by a Conference of the Parties to the CBD, subject to registered reservation, is binding on the CBD Contracting Parties.

238. **Clarification** : Taking note of the "Consensus" condition above it is, accordingly, recommended that the "*Council*" request the "*General Secretariat*" to seek clarification from the "*Contracting Parties*", separately and severally, to provide their position on this matter.

239. An indicative budget for the "*UN CBD Aichi 10%*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.03.06 UN CBD Kumming-Montreal GBF 30%

240. **UN CBD Kumming-Montreal GBF 30%** (DID4979) : Agreement by Jeddah Convention Parties that have not yet agreed – **Justification/Why?** Consensus between the Jeddah Convention Parties on this key target.

241. It should be noted that all Jeddah Convention signatories are signatories to the Convention on Biological Diversity (DID121, DID5207, Annex 5) and that a consensus decision made by a Conference of the Parties to this Convention, subject to registered reservation, is binding on the signatories.

242. **Clarification** : Taking note of the "Consensus" condition above it is, accordingly, recommended that the "*Council*" request the "*General Secretariat*" to seek clarification from the "*Contracting Parties*", separately and severally, to provide their position on this matter.

243. An indicative budget for the "*UN CBD Kumming-Montreal GBF 30%*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.03.07 UNCLOS BBNJ and UNFSA Agreements

244. **UNCLOS 2023 BBNJ (Biodiversity Beyond National Jurisdiction) Agreement** (DID5177) **and FSA (Fish Stocks Agreement)** (DID5045) : Accession by Jeddah Convention parties, that have not yet acceded to UNCLOS agreements – **Justification/Why?** Consensus between the Jeddah Convention Parties on these instruments.

245. Saudi Arabia (and possibly Egypt) are the only parties to the Jeddah Convention that are party to the UNCLOS BBNJ. "Only Saudi Arabia has acceded to the UNCLOS FSA on 23rd June 2023. Egypt has signed but may not have ratified" (DID5045). The "*IPOA-IUU*" (DID3020) paragraph 11 signals that "*States are encouraged, as a matter of priority, to ratify, accept or accede to, as appropriate……. the 1995 UN Fish Stocks Agreement*".

246. **Recommendation** : It is, accordingly, recommended that the "*Council*" request the "*General Secretariat*" to notify the "*Contracting Parties*", separately and severally, to notify accession to the "*Council*" and to consider accession to these two agreements if they have not already done so.

247. An indicative budget for the "*UNCLOS BBNJ and UNFSA Agreements*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.03.08 UN FAO Compliance Agreement

248. The UN FAO High Seas Compliance Agreement (HSCA) of 1993 (DID5090) entered into force on 24th April 2023.

249. Egypt is the only party to the Jeddah Convention that is party to the UN FAO Compliance Agreement (DID5207, Annex 5) . The IPOA-IUU paragraph 11 (DID3020) signals that "*States are encouraged, as a matter of priority, to ratify, accept or accede to, as appropriate, ……..the 1993 FAO Compliance Agreement*".

250. **Recommendation** : It is, accordingly, recommended that the "*Council*" request the "*General Secretariat*" to notify the "*Contracting Parties*", separately and severally, to notify accession to the "*Council*" and to consider accession to this agreement if they have not already done so.

251. An indicative budget for the "*UN FAO Compliance Agreement*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.03.09 UN FAO pSM Agreement (pSMA)

252. **Port State Measures (pSM) Agreement** (DID4246) –A number of Jeddah Convention signatories have not acceded to the FAO pSM agreement and should be encouraged to do so. **Justification/Why?** The pSM Agreement under UN FAO is an essential framework for coordinating the management of IUU fishing particularly for commercial transboundary fishing operations.

253. The pSM Agreement of 2016 post-dates the 1999 Code of Conduct for Responsible Fisheries (CCRF) (DID2571, DID5241). The CCRF specifies port State duties in Article 3 (DID2571). The 2001 IPOA-IUU addresses port State Measures (Articles 52-64) (DID3020) . The PERSGA Fisheries and Aquaculture Protocol defines port State Measures (Article 2.18) and mentions them in respect of RPOA-IUU (Article 11.1.c) (DID2569).

254. Participation by all Jeddah Convention parties in the UN FAO port State Measures Agreement (pSMA), is considered to be a key mechanism for addressing IUU transboundary and high seas fishing.

255. Djibouti (27th November 2017), Somalia (09th November 2015), Sudan (12th May 2016) and Saudi Arabia (06th January 2025) have acceded to the UN FAO port State Measures Agreement (pSMA). Egypt, Jordan, and Yemen have not (as of November 2025).(DID4246, DID5159)

256. **Recommendation** : It is, accordingly, recommended that the "*Council*" request the "*General Secretariat*" to notify the "*Contracting Parties*", separately and severally, to notify accession to the "*Council*" and to consider accession to this agreement if they have not already done so.

257. If agreed by one, or more, "*Contracting Parties*" it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **Accession** : Support for "*Contracting Parties*" to separately and severally accede to the pSM Agreement and access funds under it.

02. **Regional Guideline and standards** : A Regional Guideline and Standards with recommendations for prioritizing measures to be taken for "Phased implementation" of the requirements of the pSM Agreement.

03. **Recommendation** : Presentation of the Regional Guideline and Standards to the "*Council*" for its further consideration. If approved:

04. "***Contracting Parties*" priority measures** : A "*Contracting Parties*" study following the above Regional Guideline and Standards, to identify priority measures to be implemented.

05. **Recommendations** : Submission of the identified priority measures to the "*Council*" for its consideration. If approved:

06. **Capacity building needs assessment** : Support for a regional (IV.02.02) and national (IV.02.01) capacity building needs assessment and recommendations for capacity building in support of delivery of the priority requirements of the pSM Agreement.

07. **Recommendations** : Present the recommendations from the capacity building needs assessment to the "*Council*" for its further consideration. If approved:

08. **Implementation** : Implement capacity building recommendations.

258. An indicative budget for the "*UN FAO pSM Agreement (pSMA)*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.03.10 UN FCCC Loss and Damage

259. **UN FCCC Loss and Damage** (DID5239) : Mainstreaming of loss and damage matters into Jeddah Convention Protocols and the "*Organization*", including in respect of IUU fishing matters – **Justification/Why?** Consensus between the Jeddah Convention Parties on this key instrument.

260. It should be noted that all Jeddah Convention signatories are signatories to the Framework Convention on Climate Change (DID1977) and that a consensus decision made by a Conference of the Parties to this Convention, subject to registered reservation, is binding on the signatories.

261. UN FCCC COP 28 of 2023 has produced a number of decisions on loss and damage related issues (DID4974) including 1/CP.28 relating to the Operationalization of the new funding arrangements, including a fund, for responding to loss and damage referred to in paragraphs 2–3 of decisions 2/CP.27 and 2/CMA.4 (DID5239).

262. It is, accordingly, recommended that the "*General Secretariat*" ask the "*Contracting Parties"* to separately and severally consider their position on UN FCCC Loss and Damage mainstreaming into delivery of the Jeddah Convention generally and into "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" specifically.

263. If mainstreaming is agreed by the "*Council*" it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **Accession** : "*Contracting Parties*" to separately and severally confirm accession, or accede, to the loss and damage framework and to access resources under it.

02. **Strategic review** : A strategic review of the implications of loss and damage to delivery of the Jeddah Convention generally and "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" specifically.

03. **Regional guideline and standards** : A Regional Guideline and Standards for prioritizing loss and damage measures in the context of IUU fishing.

04. **Prioritization** : The identification of priority loss and damage measures and the agreement by the "*Council*" as to the matters of regional priority and by each "*Contracting Party*" as to the matters of national priority.

05. **Capacity building needs assessment** : Support for a regional (IV.02.02) and national (IV.02.01) capacity building needs assessment for delivering identified priorities with recommended actions.

06. **Recommendations** : Present the results of the assessment to the "*Council*" for its further consideration. If approved:

07. **Implementation** : Implement capacity building recommendations.

264. An indicative budget for the "*UN FCCC Loss and Damage*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*",, is presented in Annex 3 for review and revision.

IV.03.11 UN IMO MARPOL 73/78 Annexes I-VI etc.

265. **UN IMO MARPOL 73/78 Annexes I-VI (and other relevant UN IMO administered Conventions and Protocols)** – Accession by Jeddah Convention parties, that have not already done so, to MARPOL 73/78 Annexes I-VI. Encourage other signatories to accede to MARPOL 73/78 Annexes that they have not yet acceded to – **Justification/Why?** Consensus between the Jeddah Convention Parties.

266. The PERSGA Region IUU Fishing Assessment (DID5207, Annex 5) lists the status of the "*Contracting Parties*" in respect of the Annexes. It is, accordingly, recommended that the "*Council*" request the "*General Secretariat*" to:

01. **Identify status** : ask the "*Contracting Parties*" to separately and severally identify their position on the UN IMO MARPOL 73/78 Annexes.

02. **Support Accession** : source resources to facilitate "*Contracting Parties*" wishing to do so to accede to the relevant Annexes and to access funds, and other resources, to help deliver the obligations of accession.

03. **Capacity building needs assessment** : Support for a regional (IV.02.02) and national (IV.02.01) capacity building needs assessment for delivering identified priorities with recommended actions.

04. **Recommendations** : Present the results of the assessment to the "*Council*" for its further consideration. If approved:

05. **Implementation** : Implement capacity building recommendations.

267. An indicative budget for the "*UN IMO MARPOL 73/78 Annexes I-VI*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.03.12 UN WTO Annex Agreement on Fishing Subsidies

268. **UN (World Trade Organization) WTO Annex Agreement on Fisheries Subsidies** (DID5165) : Accession, by Jeddah Convention parties, that have not yet acceded – **Justification/Why?** Consensus between the Jeddah Convention Parties on this framework.

269. 5 of the 7 Contracting Parties to the Jeddah Convention are members of the UN World Trade Organization and two, Somalia and Sudan, are observers (DID5166).

270. It should be noted that Saudi Arabia became party to the UN World Trade Organization (WTO) Annex Agreement on Fisheries Subsidies on 26th February 2024 (DID5165).

271. Internationally agreed market-related measures are a significant part of the "*IPOA-IUU*" (Articles 65-76) (DID3020) and include guidance on Standardised certification and documentation and electronic schemes (Article 76). The guidance should be considered under cross-cutting "*PERSGA RPOA-IUU*" Action IV.02.03 relating to fisheries certification.

272. It is, accordingly, recommended that the "*Council*" request the "*General Secretariat*" to commission support for:

01. **Regional Guideline and Standards** : A Regional Guideline and Standards for assessing internationally agreed market measures generally and the UN WTO Annex Agreement on Fishing subsidies specifically in respect of "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" delivery.

02. **Identify status** : ask the "*Contracting Parties*" to separately and severally consider their position generally on UN WTO fish trade related matters and specifically on UN WTO Annex Agreement on Fisheries Subsidies (DID5165).

03. **Support Accession** : source resources to facilitate "*Contracting Parties*" wishing to do so to accede to the relevant UN WTO fish trade related matters and to access funds, and other resources, to help deliver the obligations of accession.

04. **Prioritization** : A review of priorities for internationally agreed market-related measures generally and the UN WTO Annex Agreement on Fishing subsidies specifically in respect of "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" delivery.

05. **Capacity building needs assessment** : Support for a regional (IV.02.02) and national (IV.02.01) capacity building needs assessment for delivering identified priorities with recommended actions.

06. **Recommendations** : Present the results of the assessment to the "*Council*" for its further consideration. If approved:

07. **Implementation** : Implement capacity building recommendations.

273. An indicative budget for the "*UN WTO Annex Agreement on Fishing Subsidies*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.04 National Legislation (LEGAL theme - National)

274. The 3 proposed national legal theme actions presented below are designed to alleviate **LEGAL** constraints to effective management of IUU fishing identified through the PERSGA Region IUU fishing assessment (DID5207).

275. The delivery of the proposed actions under the Legal theme should follow the procedure, and comply with the additional conditions, proposed above under IV.02.04 "*Delivery of Actions (National)*" and IV.02.05 "*Delivery of Actions (Regional)"*.

IV.04.01 Competent (National) Authority (IUU Fishing)

276. **Competent (National) Authority regulatory mandate**: The "*Competent (national) Authority*" should be clearly mandated, with a specified frequency, to develop, issue, and be responsible for delivery of, IUU fishing executive regulations, for **reporting** (data collection, data management, data reporting), for **regulating** biodiversity extractive and non-extractive use through licensing and quotas, and for **revenue** generation for management. **Justification/Why?** Mandate deficiencies need to be resolved including the mandate to draft and issue implementing regulations to provide clear IUU fishing management direction to fishery managers, fishers and other uses impacting on living marine resources.

277. Whilst a number of Country Assessments clearly identified a "*Competent (National) Authority*" for IUU fishing matters there was some ambiguity/lack of clarity for certain countries concerning the "*Competent (National) Authority*". There was also a lack of information on the organization sub-structure of the specified "*Competent (national) Authorities"* in respect of delivering the different legal, reporting, regulatory and revenue generation elements of IUU fishing management.

    01. **Legal – IUU fishing executive regulations** : Whilst some of the national assessments identified and reviewed executive regulations providing detailed management measures others did not. It is the executive regulations that provide management direction detail and some knowledge, and understanding, of this detail is necessary to implement the management and to identify gaps.

    02. **Catch reporting** : National logbooks are not consistent between Jeddah Convention signatory countries. There is no mention in the national assessments that any national catch logbooks support the recording of ByCatch or Discards other than as incidental comment. The current regional (PERSGA) catch logbook (DID4317) does not include the opportunity to report ByCatch and Discards other than as unsolicited comment.

    03. **Regulating – licensing** : The national assessments signalled great variability between "*Contracting Parties*" in the nature and extent of licensing of Fishers, Fishing Vessels and Gears and the conditions associated with any licenses.

    04. **Gear management** : Whilst the assessment confirmed some seasonal restrictions on gear the available information varies widely between "*Contracting Parties*" and there is no clear confirmation of any specification of allowable and disallowable gear (DID2319), any gear tagging schemes (DID5017), or any gear return and replace schemes, although a gear return and replace scheme was informally reported to be in place for one "*Contracting Party*".

05. **Catch Quotas** : Some national assessments identified catch quotas by gear and time (seasonal trawling closures etc). However, detail is lacking and/or was not confirmed in certain national assessments.

06. **Revenue generation** : There was no indication, from the national assessments, of effective revenue generation from fishing that could be used for/justify investment in IUU fishing management.

278. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **Regional Guidelines/Standards** : Regional guidelines/standards to support consistency and understanding between "*Contracting Parties*" in delivering the following matters.

02. **Confirm Competent (national) Authorities** : Review with each "*Contracting Party*" to identify and confirm "*Contracting Party*" "*Competent (National) Authorities*" for IUU fishing management for:

02.1 Shore facilities

02.2 SPAG

02.3 Stakeholder – fishers including licensing and quotas

02.4 Vessels (fishing) – including licensing and quotas

03. **Capacity Building Needs Assessment** : Support for a regional (IV.02.02) and national (IV.02.01) capacity building needs assessment and recommendations for the "*General Secretariat*" and for each "*Contracting Party*" "*Competent (National) Authority"* to identify, document, and evaluate their capacity to develop and deliver the legal, reporting, regulatory, and financing measures for IUU fishing management.

03.1 Mandate,

03.2 Organizational structure

03.3 Staffing

03.4 Legal : IUU fishing executive regulations

03.5 Reporting : Catch reporting including ByCatch and discards, fisheries statistics, stock assessment etc.

03.6 Regulating : Licensing of Fishers, Gears and Fishing Vessels

03.7 Regulating : Gear management systems including banned and confiscated gear and gear return and replace schemes

03.8 Regulating : License associated catch Quotas by taxonomy (species), by size, by condition, by geographic location, by time period, by gear, by stakeholder type, by Vessel and by purpose within and outside (ex-situ) Biodiversity Protected Areas[35].

03.9 Revenue generation

(35) Taking note of any lists of species specified in the Annexes of the PERSGA Protocol on Biodiversity Protected Areas (DID2558) and the proposed protocol on wild caught species Ex-situ of Biodiversity Protected Areas.

04. **Recommendations** : Present the results of the assessment to the "*Council*" for its further consideration. If approved:

05. **Implementation** : Implement capacity building recommendations.

279. An indicative budget for the "*Competent (National) Authority (IUU Fishing)*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.04.02 Executive Regulations (IUU Fishing)

280. **Prepare regional guidelines and issue implementing/executive regulations accordingly under National Fishing Laws :** The "*General Secretariat*" should commission support for regional guidelines/standards for developing IUU fishing regulations and the "*Competent (national) Authorities*" should, within a specified time period, develop regulations for reporting (data collection, data management and data reporting) and regulating (licensing for Fishers, Vessels and Gears and associated quota conditions (by species, by species condition, by time, by location, by quantity, by gear)) and for revenue generation. **Justification/Why?** Mandated regulations should be issued detailing reporting, regulating and revenue generation requirements.

281. Accordingly it is recommended that the "*Council*" authorize the "*General Secretariat*" to commission support for:

01. **Regional guidelines and standards**: Regional guidelines for identifying, drafting, reviewing, and presenting executive regulations concerning the management of IUU fishing related issues for Shore Facilities, SPAG, Stakeholder Fishers, and Fishing Vessels.

02. **Executive Regulations drafting** : Support for "*Competent (national) Authorities*" to identify, draft, review and present executive regulations based on the regional guidelines for consideration by their respective National Legislature.

03. **Capacity building needs assessment** : Support for a regional (1V.02.02) and national (IV.02.01) capacity building needs assessment and recommendations for the "*General Secretariat*" and for each "*Contracting Party*" "*Competent (national) Authority*" in preparing and delivering executive regulations for managing IUU fishing.

04. **Recommendations** : Present the results of the assessment to the "*Council*" for its further consideration. If agreed:

05. **Implementation** : Capacity building for the "*General Secretariat*" and for each "*Contracting Party*" "*Competent (National) Authority*" in preparing and delivering executive regulations for managing IUU fishing.

282. An indicative budget for the "*Executive Regulations (IUU Fishing)*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*",, is presented in Annex 3 for review and revision.

IV.04.03 Governance - Legal

283. The "*Organization*" contains a "*Committee for the Settlement of Disputes*" whose composition, terms of reference and rules of procedure shall be decided by the "*Council*" (DID2557, XVI.2(c)) .

284. **Governance (legal)** : This proposed recommendation relates to the validation of a "*Contracting Party*" Fisheries Law or regulation in terms of its issuing authority and application. Two examples include: (1) The Somali Fisheries Law (008/2023) and the need for it to operate under a valid Constitutional authority; (2) The lack of a Sudanese national fisheries law and the need for Red Sea State Marine Fisheries Law 2016, reportedly issued. under the Marine Fisheries Ordinance of 1937 (DID2781), to be validated at the national level.

285. A key principle to be followed is that wild living marine resources are national property within the "*Internal Waters*", and Exclusive Economic Zone (EEZ) of a nation, and not the property of any particular subdivision of that nation. The rights to the use of wild living marine resources should, accordingly, be assigned at the national level.

286. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

    01. **Governance issues identification** : Advise, and request clarification from, the relevant "*Contracting Parties*", on the two legal governance matters identified above and such other legal governance matters, that have regional/transboundary implications, as may be identified during delivery of the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*".

    02. **Recommendations** : Report with recommendations to the "*Council*" concerning the status of any unresolved "*Contracting Party*" legal governance matters that have regional/transboundary relevance. If agreed:

    03. **Implementation** : Implementation of recommendations from the Governance issues identification.

    04. **Capacity building needs assessment** : Support for a regional (IV.02.02) and national (IV.02.01) capacity building needs assessment for the "*General Secretariat*" and for each "*Contracting Party*" "*Competent (National) Authority*" in IUU fishing legal governance matters.

    05. **Recommendations** : Present the results of the assessment to the "*Council*" for its further consideration. If agreed:

    06. **Implementation** : Capacity building for the "*General Secretariat*" and for each "*Contracting Party*" "*Competent (national) Authority*" in IUU fishing legal governance matters.

287. An indicative budget for the "*Governance – Legal*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.05 port State Measures (pSM) - SHORE FACILITY theme

288. Given the direction for Phased Implementation from the "IPOA-IUU" (DID3030), the "theme" based assessment of country IUU fishing issues, and The PERSGA Region IUU Fishing Assessment (DID5207), the following Shore Facility theme related actions are presented under the "*IPOA-IUU*" heading "*port State Measures*" (DID3020). This is because it should be intuitively easier to initiate and introduce port State Measures at the Shore Facility (Port) level.

289. The 5 proposed Shore Facility theme actions presented below are designed to alleviate administrative and infrastructure constraints to effective management of IUU fishing activities at Shore Facilities identified through this PERSGA region IUU fishing Assessment (DID5207). In principle a Shore Facility should operate under a license that requires that the licensed Shore Facility Operator take an accountable, and active, role in supporting the effective management of IUU fishing related matters associated with Shore Facility operations and in a manner that is consistent across the PERSGA region.

290. The delivery of the proposed actions under the Shore Facility theme should follow the procedure, and comply with the additional conditions, proposed above under IV.02.04 "*Delivery of Actions (National)*" and IV.02.05 "*Delivery of Actions (Regional)".*

IV.05.01 Infrastructure

291. Environmental Management System (EMS) accredited Ports (year/site/tonnage) are identified as a 2020 State of the Marine Environment indicator for the Red Sea and Gulf of Aden (SOMERSGA II) (DID4489).

292. The significant deteriorated/deficient state of Shore Facility infrastructure was identified in four of the Country Assessment reports and the requirement for improved facilities was identified in one other (DID5207). In one Country assessment mention is made of existing Shore Facility Infrastructure improvement plans.

293. Delivery of effective IUU fishing management actions by Shore Facilities requires that the infrastructure can support effective IUU fishing management.

294. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **Regional Guideline and Standards** : A Regional Guideline and Standards, with recommendations, for Shore Facility infrastructure needs assessment identifying needs prioritization criteria and addressing service delivery targets (IV.02.18).

02. **Recommendation**: The "*General Secretariat*" to present the Regional Guideline and Standards to the "*Council*" for its consideration. If agreed:

03. **Infrastructure needs Assessment** : A regional and country specific restoration/improvement needs assessment following the Regional Guideline and Standards to determine how shore facility infrastructure should be restored and improved, to deliver more effective IUU fishing management Operations .

04. **Shore Facilities Identification** : The identification, prioritization of, and agreement to one, or more, Shore Facilities, from each "*Contracting Party*" requiring infrastructural improvement.

05. **Funding identification** : An assessment of what funds might be available internationally, regionally, and nationally for improvements (see IV.02.07).

06. **Business Plans** : Shore Facility specific restoration/improvement business plans for the agreed Shore Facilities to support requests for funding taking note of regional and national capacity building and regional and national delivery of recommendation requirements (see above).

07. **Infrastructure Improvement Plans** : Shore Facility specific bills of quantity, Environmental and Social Impact Assessment (ESIA), Service delivery monitoring and evaluation plan etc for restoration/improvement reflecting the available budget.

08. **Capacity building needs Assessment** : Support for a regional (IV.02.02) and national (IV.02.01) capacity building needs assessment and recommendations for the "*General Secretariat*" and for each "*Contracting Party*" "*Competent (national) Authority*" in Shore Facility infrastructure improvement matters.

09. **Recommendations** : Present the results of 6 sub-Actions 3-8 to the "*Council*" for its further consideration. If agreed:

10. **Implementation** : Implementation of infrastructure improvement plans and capacity building for the "*General Secretariat*" and for each "*Contracting Party*" "*Competent (National) Authority*" in Shore Facility infrastructure improvement planning and delivery.

295. An indicative budget for the Shore Facility "*Infrastructure*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.05.02 IUU Fishing Management - Mandate

296. **Specify, in National Law, the "*Competent (national) authority/authorities*" mandated to oversee the management, by Shore Facilities, of IUU fishing related operational issues**. **Justification/Why?** Shore Facility operators should be held accountable for the management of IUU fishing related issues associated with their Shore Facility operations.

297. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **Confirmation** : Confirmation of the "*Competent (National) Authority*" for the management of IUU fishing related operational issues at Shore Facilities (see also IV.02.04, IV.02.05 and IV.04.01).

298. An indicative budget for the Shore Facility "*IUU Fishing Management - Mandate*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.05.03 IUU Fishing Management - License

299. **Specify a regional standard and, based on this standard incorporate, in a framework, for licensing a Shore Facilities operator. Justification National Law /Why?** Shore Facility operators should be held accountable for the management of IUU related issues associated with their Shore Facility operations.

300. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **Licensing framework** : Specify a licensing framework for licensing of IUU fishing related matters at Shore Facilities (see also IV.02.04, IV.02.05 and IV.04.02).

301. An indicative budget for the Shore Facility "*IUU Fishing Management - License*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.05.04 IUU Fishing Management - Regulations

302. **Specify a regional standard and, based on this standard, <u>prepare and issue</u> implementing regulations under National Law :** The "*Competent (national) Authority*" should, within a specified time period, develop regulations for reporting (data collection, data management and data reporting) and regulating (licensing for Vessels and Fishers) and associated quota conditions (by species, by species condition, by time, by location, by quantity, by gear) and revenue generation for managing IUU fishing for Shore Facilities. **Justification/Why?** Shore Facility operators should be held accountable for the management of IUU fishing related issues associated with their Shore Facility operations.

303. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

    01. **<u>License associated regulatory framework</u>** : Specify a licensing associated regulatory framework for IUU fishing related matters at Shore Facilities (see also IV.02.04, IV.02.05 and IV.04.02).

304. An indicative budget for the Shore Facility "*IUU Fishing Management - Regulations*" Action, the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.05.05 IUU Fishing Management - Plan

305. **Specify a regional standard and, based on this standard incorporate, in National Law, a framework for a legally designated Shore Facility operator, to have an IUU fishing issues management plan including pollution control measures, to be approved by the "*Competent (National) Authority*". Justification/Why?** Shore Facilities need to be effectively managed in respect of IUU fishing issues and evidence of effective IUU fishing management provided.

306. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

    01. **<u>Regional Guidelines</u>** : Regional guidelines for identifying, drafting, reviewing, assessing capacity, and presenting a Shore Facility IUU Fishing Management Plan for different categories/sizes of Shore Facility.

    02. **<u>Shore Facility IUU Management Plans</u>** : Support for "*Competent (national) Authorities*" to identify, draft, review and present specific Shore Facility IUU Fishing Management Plan(s) for consideration by their relevant "*Competent (National) Authority*" and, once approved, notify approval to the "*Organization*".

    03. **<u>Capacity Building Needs Assessment</u>** : Support for a regional (IV.02.02) and national (IV.02.01) capacity building needs assessment and recommendations for the "*General Secretariat*" and for each "*Contracting Party*" "*Competent (National) Authority*" in Shore Facility IUU fishing management planning.

    04. **<u>Recommendations</u>** : Present the results of 01-03 above to the "*Council*" for its further consideration. If agreed:

    05. **<u>Implementation</u>** : Shore Facility IUU Management Planning and Capacity building for the "*General Secretariat*" and for each "*Contracting Party*" "*Competent (National) Authority*" in Shore Facility IUU fishing management planning.

307. An indicative budget for the Shore Facility "*IUU Fishing Management - Plan*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.06 coastal State Measures (cSM) - SPAG theme

308. The ToR for the development of this PERSGA RPOA-IUU for fishing include the requirement for Action Planning for Fish Spawning Aggregations (SPAG). It is proposed that the SPAG Actions are subsumed to the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" for fishing and the SPAG Action Planning is, accordingly, addressed below.

309. The FAO Western Central Atlantic Fishery Commission (WECAFC) Draft Fish Spawning Aggregation Fishery Management Plan (FSAFMP) of 2022 (DID5012) Glossary provides a definition of a Spawning Aggregation (SPAG) that seems appropriate. *"Spawning Aggregation: is a gathering of animals, at densities higher than during the non-spawning period, in locations and at times solely for the purpose of spawning"* (DID5012).

310. The PERSGA Protocol Concerning the Conservation of Biological diversity and the Establishment of a Network of Protected Areas in the Red Sea and Gulf of Aden (DID2558) does not specify SPAG or Spawning.

311. The PERSGA Fisheries and Aquaculture Protocol specifies the need to inventory areas of special importance for spawning (DID2569, Article 7).

312. The SCRFA (Science and Conservation of Fish Aggregations) database (DID2721) specifies that the following families of fish aggregate to spawn(36):

313. *Acanthuridae, Balistidea(37), Caesionidae, Carangidae, Chaetodontidae, Engraulidae, Euthynnus(38), Haemulidae, Labridae, Lethrinidae, Lutjanidae, Muglidae, Mullidae, Ostraciidae, Pomacanthidae, Scombridae, Scaridae, Serranidae, Siganidae, Sphyraenidae.*

314. The term "Spawning Aggregation" (SPAG) is not specified in any of the National Laws that were assessed (DID5207).

315. SPAG have been identified in some, but not all, of the PERSGA region Country IUU fishing Assessments. However, the information on identified SPAG is extremely limited and the existence of other SPAG cannot be ruled out. Nevertheless the regional importance of SPAG is recognised (DID5207).

316. The 5 proposed SPAG theme actions presented below are designed to ensure that there are surveys for SPAG in the maritime waters of all "*Contracting Parties*", and that SPAG are legally defined, designated, and managed, consistently across the PERSGA region.

317. The delivery of the proposed actions under the SPAG theme below should follow the procedure, and additional conditions, proposed above under IV.02.04 "Delivery of Actions (National)" for "*PERSGA RPOA-IUU*" and IV.02.05 "Delivery of Actions (Regional)" for "*PERSGA RPOA-IUU*".

(36) The SCRFA database (DID2721) cites 3 Snapper SPAG in Egyptian waters. There are no other citations relating to SPAG in PERSGA region waters.

(37) The family is Balistidae (M. Khalaf, pers. comm)
(38) The family is Scombridae (M. Khalaf, pers. comm)

IV.06.01 SPAG – Competent (National) Authority

318. **Specify, in National Law, the "*Competent (National) Authority/Authorities*" mandated to oversee the management, of IUU related operational issues, in SPAG**. **Justification/Why** : Users of the ecosystem goods and services provided by SPAG should be provided guidance and held accountable for their use of SPAG.

319. Action IV.04.01 relates to the identification of "*Competent (National) Authorities*" for the management of IUU fishing **including** for SPAG.

320. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

    01. **Competent (National) Authority** : confirmation of the "*Competent (national) Authority*" for the management of IUU related operational issues, and for biodiversity conservation within SPAG, from IV.04.01[39].

321. An indicative budget for the "SPAG – Competent (National) Authority" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.06.02 SPAG – Define as a National Asset Type

322. **Specify a regional standard definition of SPAG and incorporate, in National Law, SPAG as a category of national maritime asset**. **Justification/Why?** If SPAG are not legally recognised as a type of asset then they cannot be managed by law as a theme.

323. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

    01. **Definition of SPAG** : the production of a regional definition of SPAG considering the definition provided under II.02 and elsewhere to be considered by the "Council". If agreed:

    02. **Notification** : the "*General Secretariat*", on behalf of the "*Council*" to request the "*Contracting Parties*" to notify their "*Competent (National) Authorities*" of the regional definition for its incorporation into National Law.

    03. **Incorporation into regional and National Law** : support for the "*General Secretariat*" and "*Contracting Parties*" "*Competent (National) Authorities*" to process the incorporation of the definition into Regional and National Law.

324. An indicative budget for the "*SPAG – Define as a National Asset Type*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.06.03 SPAG - National Survey

325. As indicated above there is relatively little information on the SPAGs that were identified under the PERSGA Region IUU Fishing Assessment [DID5207] and SPAG were not identified in certain countries because information, if any, was not available.

326. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

(39) It should be clearly indicated if the two are not the same and if so the overruling Competent (national) Authority in respect of biodiversity conservation of the SPAG.

01. **Regional Guideline and Standards** : A Regional Guideline and Standards for SPAG comprising:

    01.01 the criteria for defining a SPAG (based on the definition from IV.06.02 above).

    01.02 the identification and characterization of SPAG including IUU fishing "*Issues*" status

    01.03 prioritization criteria for ranking SPAG

    01.04 boundary specification and collection of boundary coordinates

    01.05 setting Service Delivery Standards.

    01.06 capacity building needs assessment

    01.07 SPAG IUU fishing "Issues" management planning complying with Protected Area Management Effectiveness Management Effectiveness Tracking (PAME-METT) requirements (DID1985) (40).

02. **Capacity Building Needs Assessment** : Support for a regional (IV.02.02) and national (IV.02.01) capacity building needs assessment for the "*General Secretariat*" and for each "*Contracting Party*" "*Competent (National) Authority*" in SPAG national surveying.

03. **Recommendations** : Present the results of the Guidelines and assessment to the "*Council*" for its further consideration. If agreed:

04. **Implementation** : Capacity building for the "*General Secretariat*" and for each "*Contracting Party*" "*Competent (National) Authority*" in SPAG national surveying.

05. **Implementation** : A SPAG survey in the maritime waters of each of the "*Contracting Parties*" on behalf of the relevant "*Competent (National) Authority"* based on the above regional guidelines and standards, informally, or once agreed.

327. An indicative budget for the "*SPAG – National Survey*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.06.04 SPAG – Designation of SPAG Areas

328. **Incorporate SPAG areas in National Law. Justification/Why?** SPAG areas need to be defined legally to be subject to the law.

329. Accordingly it is recommended that the *"Council*" authorizes the "*General Secretariat*" to commission support for "*Contracting Parties*" "*Competent (National) Authorities*" to designate SPAG areas according to the regional guidelines specified at IV.06.03 above including :

    01. **Higher level designation** : Designation at supra ministerial level in those "*Contracting Parties*" where living marine resources (LMR) are a national asset since there may need to be restrictions of access and use requiring compensation for pre-existing users.

    02 **Purpose of designation** : The primary purpose of designation should be the conservation of spawning aggregation function within the SPAG designated area.

(40) See also protectedplanet.net

03 **Competent (National) Authority** : Specification of "*Contracting Party*" "*Competent (National) Authorities"* and their competency hierarchy in respect of the primary purpose of designation.

04. **Stakeholder Governance/Grievance** : Stakeholder Governance and Grievance redress matters (see IV.02.04, IV.02.05, IV.02.19).

05. **Transboundary/ex-situ matters** : Reference to any transboundary/ex-situ matters that need to be addressed to maintain spawning aggregation function within the SPAG designated area.

06. **Boundary coordinates** : The Boundary coordinates of the SPAG area.

07. **Reporting requirements** : General reporting requirements including METT-PAME (DID1985) (41), Service delivery targets, performance monitoring and evaluation indicators etc

08. **Regulatory requirements** : General Regulatory requirements including licenses, quotas, offences and fines

09. **SPAG Management Plan** : General management plan requirements including for a plan contents, plan scheduling, plan update and plan service delivery.

10. **Capacity building** : Capacity building for the "*General Secretariat*" and for each "*Contracting Party*" "*Competent (National) Authority*" in SPAG designation.

11. **Financial/Business Planning matters** : General direction on financial/business planning matters..

12. **Legal processing** : Presentation of the draft legal designation to the supra- ministerial Authority for its consideration.

13. **Notification** : Notification of, any approved legislation and registration with the "*Organization*".

330. An indicative budget for the "*SPAG – Designation of SPAG Areas*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*",, is presented in Annex 3 for review and revision.

IV.06.05 SPAG – IUU Fishing "Issues" Management Plan

331. **Specify a regional standard and require a legally designated SPAG to have an IUU issues management plan to be approved by the "*Competent (National) Authority/ies"*. Why?** SPAG need to be effectively managed in respect of IUU issues and evidence of effective IUU management provided.

332. No SPAG Management Plans were identified in the PERSGA Region IUU Fishing Assessment (DID5207). Whilst certain SPAG may fall within the boundaries of areas designated as Biodiversity Protected Areas there was insufficient time and resources to identify and review relevant Biodiversity Protected Area Management plans to determine whether SPAG issues are addressed.

333. Good practice examples of SPAG management planning/plans can be found for the Republic of Maldives in 2020 (DID5145) and for the Western Central Atlantic in 2022 under WECAFC (DID5012). These good practice examples, together with any identified in the PERSGA region during implementation of "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU"* should be used to inform SPAG management planning (see also IV.02.08).

(41) See also protectedplanet.net

334. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat* " to commission support for:

01. **Regional Guideline and Standards** : A Regional Guideline and Standards for SPAG management planning and plan delivery elaborating on the survey framework specified at IV.06.03, the legal designation framework specified at IV.06.04 and good practice examples from other regions.

01.01 The SPAG name, location, and legal designation reference.

01.02 The period covered by the Plan

01.03 Confirm the primary purpose of designation which should be the conservation of spawning aggregation function within the SPAG designated area and any other purposes of the designation in respect of the Plan.

01.04 Specification of any non-legal plan variance in the "*Competent (National) Authorities*" and their competency hierarchy in respect of the primary purpose of designation.

01.05 Stakeholder Governance and Grievance redress matters (see IV.02.04, IV.02.05, IV.02.19).

01.06 Reference to any transboundary/ex-situ matters that need to be addressed to maintain spawning aggregation function within the SPAG designated area.

01.07 Boundary coordinate matters relating to the SPAG area.

01.08 Specific reporting requirements including METT-PAME (DID1985) (42), Service delivery targets, performance monitoring and evaluation indicators etc for the Plan period.

01.09 Specific Regulatory requirements including licenses, quotas, offences and fines for the Plan period.

01.10 Regional (IV.02.02) and national (IV.02.01) capacity building needs assessment and recommendations for capacity building for IUU fishing management/biodiversity conservation of the specified SPAG for the next SPAG Plan period.

01.11 Business planning, revenue generation and budget matters for the next SPAG Plan period.

01.12 Recommendations for any changes in the legal framework designating the SPAG.

02. **Plan development** : Development of the SPAG Management Plan.

03. **Plan approval** : Presentation of the draft SPAG Management Plan to the relevant "*Competent (National) Authority*" for its consideration.

04. **Plan approval notification** : Notification of, any approval and registration with the "*General Secretariat*" of the "*Organization*".

05. **Plan Implementation** : Delivery of the Plan.

335. An indicative budget for the "*SPAG – IUU Fishing "Issues" Management Plan*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

(42) See also protectedplanet.net

IV.07 coastal State Measures (cSM) - Stakeholder theme

336. There is no consistency in the licensing of fishers between Countries. In some countries fishers are not licensed, only fishing vessels. In one country all fishers, except foot fishers, are supposed to be licensed to fish. The extent of licensing is generally limited although one country reports comprehensive fisher licensing (DID5229) .

337. No civil society/NGO Stakeholders that were assessed had any, other than occasional incidental, involvement in the active reporting and/or regulating of IUU Fishing. Involvement by government stakeholders in reporting and/or regulating IUU fishing was also limited.

338. No good practice examples of IUU fishing regulating, or of revenue generation to support IUU fishing regulating, were specified by Stakeholders in the Country assessment reports that supported the PERSGA Region IUU Fishing Assessment (DID5207).

339. Parties to the Jeddah Convention vary in their approach to reporting and regulating of fisher activities. Moving towards a regional consistency in approach will help reduce the confusion that can dilute any efforts to manage IUU fishing.

340. The following proposed actions should be considered particularly in the context of, and in compliance with, the cross-cutting Stakeholder Governance/Grievance redress action IV.02.19 above

341. In principle it is recommended that all Stakeholders that fish should be registered and licensed to fish, including artisanal fishers. The licence should also specify what, why, when, where and who including the gear type, target species and quota. A fee should be charged based on the recommendation of a duly constituted Committee with a Secretariat provided by the "*Competent (National) Authority*" for fishing matters, in the area the fishing license applies to, and as specified in the relevant regulations.

342. The 4 proposed Stakeholder theme related actions presented below are designed to ensure that all fishers are licensed according to a regional standard, that there is a specified "*Competent (National) Authority*" for stakeholder IUU reporting and IUU regulating, and that IUU reporting and regulating measures are legally defined, and applied, consistently across the PERSGA region.

343. The delivery of the proposed actions under the Stakeholder theme below should follow the procedure, and additional conditions, proposed above under IV.02.04 "*Delivery of Actions (National)"* and IV.02.05 "*Delivery of Actions (Regional)*" and IV.02.19 "*Stakeholder Governance/Grievance*" etc.

IV.07.01 Fisher Fishing License "Competent (National) Authority"

344. **Specify, in National Law, the "*Competent (national) Authority/Authorities*" mandated to oversee the management, of IUU fishing related operational issues, for fisher Stakeholders. Justification/Why?** Users of marine ecosystem goods and services should be provided guidance and held accountable for their use of these marine ecosystem goods and services.

345. Action IV.04.01 relates to the identification of "*Competent (National) Authorities*" for the management of IUU fishing **including** for Stakeholder Fisher matters such as licensing.

346. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

    01. **Confirmation** : Confirmation of the "*Competent (national) Authority*" for Stakeholder – fisher matters including licensing and quotas from IV.04.01.

347. An indicative budget for the "*Fisher Fishing License "Competent (National) Authority*"" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.07.02 Fishing License for All Fishers

348. **Review the options for a regionally supported Fisher Fishing License (FFL) framework in which all Stakeholders that fish are licensed to do so. Justification/Why?** If Stakeholders are licensed for fishing then it provides an (additional) legal tool for managing fishing.

349. It is considered to be critically important to the effective management of IUU fishing in the PERSGA region that all stakeholders that fish are individually licensed to do so, and that objective legally based reporting and additional regulatory conditions are associated with that license. Hopefully any implementation of Action IV.02.06 regarding an IUU fishing database will facilitate this process.

350. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

    01. **Review of Fisher Licensing Options** : A timebound review of fisher licensing options with "*Contracting Party*" "*Competent (National) Authorities*" and an assessment of the feasibility of introducing a regional support framework for licensing all fishers with associated reporting and regulatory conditions taking into account IV.02.06 (Database IUU fishing (Regional)), IV.02.07 (Funding for IUU Fishing Management), IV.02.19 (Stakeholder Governance/Grievance), IV.04.01 ("*Competent (National) Authority*" specification), and IV.04.02 ("*Competent (National) Authority"* Executive Regulations) with recommendations for next steps.

    02. **Recommendations** : Present the results of the assessment to the "*Council*" for its further consideration. If agreed:

    03. **Develop the framework** : Move to developing the Fisher Fishing License (FFL) Framework under IV.07.03 below.

351. An indicative budget for the "*Fisher Fishing License for **All** Fishers"* Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.07.03 Fisher Fishing License (FFL) Framework.

352. **Specify the Fisher Fishing License framework (license and associated reporting and regulating conditions, charges etc). Justification/Why?** If the license to fish held by a Stakeholder has conditions, including reporting and regulating conditions, then it provides an (additional) legal tool for managing fishing.

353. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

    01. **Regional FFL Guidelines and Standards** : A Regional Guideline and Standards for a Fisher Fishing License (FFL) framework for individual Stakeholder fisher licensing and associated conditions taking note of the review under IV.07.02 above.

    02. **Recommendations** : The "*General Secretariat*" to present the draft Regional Guideline and Standards for a FFL framework to the "*Council*" for consideration. If agreed:

03. **Prepare FFL Framework** : Preparation of the FFL framework and present the framework to the "*Council*". If agreed:

04. **Implementation** : Implementation of the FFL framework with such "*Contracting Parties*" "*Competent (National) Authorities*" as elect to participate.

354. An indicative budget for the "*Fisher Fishing License (FFL) Framework"* Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.07.04 FFL Executive Regulations (Reporting and Regulating)

355. **Develop and incorporate, Executive Regulations supporting introduction of the FFL framework under national Fisheries Law in compliance with the FFL framework prepared under IV.07.03 above :** The "*Competent (National) Authority*" should, within a specified time period, develop regulations for reporting (data collection, data management and data reporting) and regulating (licensing for Fishers and associated quota conditions (by species, by species condition, by time, by location, by quantity, by gear)), and revenue generation for managing IUU for Stakeholders. **Justification/Why?** Mandated regulations should be issued detailing reporting, regulating and revenue generation requirements.

356. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **Executive Regulations** : Development of executive regulations and possible revision of higher level enabling laws to support legal implementation of the FFL framework.

02 **Implementation** : Implementation of this action should follow the procedure specified under IV.02.04 (Delivery of Actions (National)), IV.02.05 (Delivery of Actions (Regional)), IV.04.01 "*Competent (National) Authorities*" (IUU Fishing), IV.04.02 Executive regulations (IUU fishing), and IV.02.19 Stakeholder Governance/Grievance etc.

357. An indicative budget for the "*FFL Executive Regulations (Reporting and Regulating)*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.08 flag State Responsibilities (fSR) - VESSEL theme

358. Given the direction for Phased Implementation from the IPOA-IUU (DID3030), the theme based assessment of country IUU fishing "*Issues*", and the PERSGA Region IUU Fishing Assessment (DID5207), the following Vessel theme related Actions are presented under the "*IPOA-IUU*" heading "flag State Responsibilities" (DID3020. This is because it should be intuitively easier to initiate and introduce "flag State Responsibilities" at the flag State "Vessel" level.

359. "*Contracting Parties*" to the Jeddah Convention vary in their approach to reporting and regulating of IUU fishing Vessel activities. IUU fishing reporting varies widely and in some cases is limited, or non-existent. In respect of regulating some countries license foreign flagged fishing vessels whilst others do not. Licensing of fishing Vessels in the country where they are flagged also varies widely and, in some cases is limited, or non-existent.

360. The following proposed Actions should be considered particularly in the context of, and in compliance with, the cross-cutting Stakeholder Governance/Grievance redress Action IV.02.19 above

361. In principle it is recommended that all fishing VESSELs should be registered and licensed, including artisanal fishing VESSELs. The licence should specify what, why, when, where and who including the gear type, target species and quota. A fee should be charged based on the recommendation of a duly constituted Committee with a secretariat provided by the "*Competent (National) Authority*" for fishing matters, in the area the fishing license applies to, and as specified in the relevant regulations.

362. VESSEL types should be based on the FAO International Standard Statistical Classification of Fishery Vessels by Vessel Type [(DID5049)].

363. The 4 proposed fishing Vessel theme related actions presented below are designed to ensure that all fishing Vessels operations are legally defined, designated, and applied, consistently across the PERSGA region.

364. The delivery of the proposed actions under the Vessel theme below should follow the procedure, and additional conditions, proposed above under IV.02.04 "Delivery of Actions (National)" and IV.02.05 "Delivery of Actions (Regional)" and IV.02.19 "Stakeholder Governance/Grievance" etc.

IV.08.01 Vessel Fishing License "Competent (National) Authority"

365. **Specify, in National Law, the "*Competent (National) Authority/Authorities*" mandated to oversee the management, of IUU fishing related operational issues, for fishing Vessels. Justification/Why?** Users of marine ecosystem goods and services should be provided guidance and held accountable for their use of these marine ecosystem goods and services.

366. Action IV.04.01 above relates to the identification of "*Competent (National) Authorities*" for the management of IUU fishing **including** for fishing Vessel matters such as licensing.

367. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

    01. **Confirmation** : Confirmation of the "*Competent (National) Authority*" for Fishing Vessel matters including licensing and quotas from IV.04.01.

368. An indicative budget for the "*Vessel Fishing License "Competent (National) Authority*"" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.08.02 Fishing License for All Fishing Vessels

369. **Review the options for a regionally supported Vessel Fishing License (VFL) framework in which all Vessels that fish are licensed to do so. Justification/Why?** If all Vessels that fish are licensed for fishing then it provides an (additional) legal tool for managing fishing.

370. It is considered to be critically important to the effective management of IUU fishing in the PERSGA region that all Vessels that fish are individually licensed to do so, and that objective legally based reporting and additional regulatory conditions are associated with that license. Hopefully any implementation of Action IV.02.06 regarding an IUU fishing database will facilitate this process.

371. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **Review of Vessel Fishing Licensing Options** : A timebound review of Vessel fishing licensing options with "*Contracting Party*" "*Competent (national) Authorities*" and an assessment of the feasibility of introducing a regional support framework for licensing all Vessels that fish with associated reporting and regulatory conditions taking into account IV.02.06 Database IUU fishing (Regional), .IV.02.07 Funding for IUU Fishing Management, IV.02.19 Stakeholder Governance/ Grievance, IV.04.01 "*Competent (national) Authority"* specification, and IV.04.02 "*Competent (national) Authority*" Executive Regulations, with recommendations for next steps.

02. **Recommendations** : Present the results of the assessment to the "*Council*" for its further consideration. If agreed:

03. **Develop the framework** : Move to developing the Vessel Fishing License (VFL) Framework under IV.08.03 below.

372. An indicative budget for the "*Fishing License for **All** Fishing Vessels"* Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.08.03 Vessel Fishing License (VFL) Framework

373. **Specify the Vessel Fishing License (VFL) framework (license and associated reporting and regulating conditions, charges etc). Justification/Why?** If the license to fish held by a Vessel has conditions, including reporting and regulating conditions, then it provides an (additional) legal tool for managing fishing.

374. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **Regional VFL Guidelines and Standards** : A Regional Guideline and Standards for a Vessel Fishing License (VFL) framework for individual fishing Vessel licensing and associated conditions taking note of the review under IV.08.02 above.

02. **Recommendations** : The "*General Secretariat*" to present the draft Regional Guideline and Standards for a VFL framework to the "*Council*" for consideration. If agreed:

03. **Prepare the VFL Framework** : Preparation of the VFL framework and present the framework to the "*Council*". If agreed:

04. **Implementation** : Implementation of the VFL framework with such "*Contracting Parties*" "*Competent (National) Authorities*" as elect to participate.

375. An indicative budget for the "*Vessel Fishing License (VFL) Framework"* Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

IV.08.04 VFL Executive Regulations (Reporting and Regulating)

376. **Develop and incorporate, Executive Regulations supporting introduction of the VFL framework under national Fisheries Law in compliance with the VFL framework prepared under IV.08.03 above :** The "*Competent (National) Authority*" should, within a specified time period, develop regulations for reporting (data collection, data management and data reporting) and regulating (licensing for fishing Vessels and associated quota conditions (by species, by species condition, by time, by location, by quantity, by gear)) and revenue generation for managing IUU for Vessels. **Justification/Why?** Mandated regulations should be issued detailing reporting, regulating and revenue generation requirements.

377. Accordingly it is recommended that the "*Council*" authorizes the "*General Secretariat*" to commission support for:

01. **Executive Regulations** : Development of executive regulations and possible revision of higher level enabling laws to support legal implementation of the VFL framework.

02 **Implementation** : Implementation of this action should follow the procedure specified under IV.02.04 Delivery of Actions (National), IV.02.05 Delivery of Actions (Regional), IV.04.01 "*Competent (National) Authorities*" (IUU Fishing), IV.04.02 Executive regulations (IUU fishing), and IV.02.19 Stakeholder Governance/Grievance etc.

378. An indicative budget for the "*VFL Executive Regulations (Reporting and Regulating)*" Action, under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*", is presented in Annex 3 for review and revision.

V., VI., VII.



V. SPECIAL REQUIREMENTS OF DEVELOPING COUNTRIES

379. Four of the seven "*Contracting Parties*" (Djibouti, Somalia, Sudan, and Yemen) are least developed countries (LDCs) [(43)].

380. Several proposed Actions under the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" should be delivered reflecting the special requirements of developing countries. Key Actions, from the 54 listed, include:

01. "*Capacity building (National)* "- IV.02.01
02. "*Capacity building (Regional)*"– IV.02.02
03. "*Delivery of Actions (National)*" – IV.02.04
04. "*Delivery of Actions (Regional)*" – IV.02.05
05. "*Database IUU fishing (Regional)*" – IV.02.06
06. "*Funding for IUU Fishing Management*" – IV.02.07
07. "*Service Delivery Targets*" – IV.02.18
08. "*Stakeholder Governance/Grievance*" – IV.02.19
09. "*Executive Regulations for IUU Fishing*" at the national level - IV.04.02
10. "*port State Measures – Infrastructure*" – IV.05.01
11. "*Fishing License for **All** Fishers*" - IV.07.02 including licensing conditions
12. "*Fishing License for **All** fishing Vessels*" - IV.08.02 including licensing conditions

Note: The list of priority Actions for LDCs comprises the list of priority operational, and operational support, Actions listed at IV.01.01 above plus "*port State Measures – Infrastructure*" – IV.05.01.

VI. REPORTING

381. The reporting actions of the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" are presented at IV.02.14 above.

VII. ROLE OF FAO

382. The "*Organization*" is a Regional Fisheries Body (RFB)[(44)] within the FAO "IPOA-IUU" framework. The "*Organization*" should, to the extent possible, coordinate the implementation of "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" with FAO recognising that the Code of Conduct for Responsible Fisheries (CCRF) [(DID2571, DID5241)], the IPOA-IUU, RPOA-IUU, and NPOA-IUU frameworks are instruments of FAO.

(43) https://unctad.org/topic/least-developed-countries/list
(44) https://www.fao.org/fishery/en/rfb

ANNEX 1

ACRONYMS

Acronym	Acronym text	Source
3Rs	Reduce, Reuse, Recycle	
BBNJ	Biodiversity Beyond National Jurisdiction (UNCLOS)	DID5177
BPA	BIODIVERSITY Protected AREA	
CBD	Convention on Biological Diversity	DID121
CCRF	Code of Conduct for Responsible Fisheries	DID2571, DID5241
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora	DID2724
CMS/Bonn	Convention on the Conservation of Migratory Species of Wild Animals	DID2818
COP	Conference of the Parties	
cSM	Coastal State Measures	DID3020
CWP	FAO Coordinating Working Party on Fishery Statistics	DID5054
DID	Document ID	
DPSIR	Driver, Pressure, Status, Impact, Response framework for environmental management	DID4791
EEZ	Exclusive Economic Zone	DID261
EMS	Environmental Management System	
FAO	Food and Agriculture Organization	
FCCC	Framework Convention on Climate Change	DID1977
FFL	Fisher Fishing License	DID5259
FSA	Fish Stocks Agreement	DID5045
FSAFMP	Fish Spawning Aggregation Fishery Management Plan	DID5012
fSR	flag State Responsibilities	DID3020
GBF	Global Biodiversity Framework	DID4979
GFCM	General Fisheries Commission for the Mediterranean	DID5102
HSCA	High Seas Compliance Agreement	DID5090
IPOA-IUU	International Action Plan/Plan of Action (IUU Fishing)	DID3020
IMO	International Maritime Organization	
IOTC	Indian Ocean Tuna Commission	DID5096
IUU	Illegal, Unreported and Unregulated	DID3020
IWC	International Whaling Commission	DID5100
LDC	Least Developed Country	
LFR	Living Freshwater Resource	
LMR	Living Marine Resource	
MCS	Monitoring, Control, and Surveillance	

Acronym	Acronym text	Source
MoU	Memorandum of Understanding	
MSY	Maximum Sustainable Yield	
NPOA-IUU	National Action Plan/Plan of Action (IUU Fishing)	
PAD	SFISH Project Appraisal Document	DID4887
PAME-METT	Protected Area Management Effectiveness – Management Effectiveness Tracking Tool.	DID1985[45]
PAtI	Public Access to Information	DID3246 SDG 16
PEA	Political Economic Analysis	DID5267
PERSGA	Regional Organisation for the Conservation of the Environment of the Red Sea and Gulf of Aden	
POPs	Persistent Organic Pollutants	
pSM	Port State Measures	DID3020
pSMA	port State Measures Agreement	DID4246
RFB	Regional Fisheries Body	[46]
RFMO	Regional Fisheries Management Organization	
RPOA-IUU	Regional Plan of Action (IUU Fishing)	
SCP	Special Conservation Plans	
SCRFA	Science and Conservation of Fish Aggregations	DID2721
SDG	Sustainable Development Goal	DID3246
SFISH	Program on Sustainable Fishery Development in Red Sea and Gulf of Aden	
SOMERSGA	The PERSGA State of the Marine Environment Report for the Red Sea and Gulf of Aden	DID4489
SPAG	Spawning Aggregation	DID5012
TGRF	Technical Guidelines for Responsible Fisheries	
TNA	Training Needs Assessment	
UN	United Nations	
UNCLOS	United Nations Convention on the Law of the Sea	DID261
UNEP	United Nations Environment Programme	
UNFSA	United Nations Fish Stocks Agreement	DID5045
VFL	Vessel Fishing License	DID5259
WB	World Bank	
WECAFC	Western Central Atlantic Fishery Commission	DID5012
WTO	World Trade Organization	

(45) See also protectedplanet.net
(46) https://www.fao.org/fishery/en/rfb

ANNEX 2

REFERENCES

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5225	Bukhari, F.A., (2024). IUU Assessment Report Saudi Arabia. Draft V1. 14th May 2024. Developing action plans and promoting capacities for management of IUU fishing, fish spawning aggregations and fishery ByCatch in the PERSGA Region. Sustainable Fishery Development in the Red Sea and Gulf of Aden (SFISH). P178143. SFISH/IC0?/2023. Regional Organisation for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA). World Bank (WB) (DID5225).	Yes
1966	CBD (2010). Decisions adopted by the Conference of the Parties to the Convention on Biological Diversity at its Tenth meeting of the Conference of the Parties to the Convention on Biological Diversity (COP 10). 18 - 29 October 2010 - Nagoya, Aichi Prefecture, Japan 2010. Decisions X/1-X/47. http://www.cbd.int/doc/decisions/cop-10/full/cop-10-dec-en.pdf	Yes
2724	CITES (1975). Convention on International Trade in Endangered Species of Wild Fauna and Flora. CITES. http://www.cites.org/sites/default/files/eng/disc/E-Text.pdf	Yes
2818	CMS/Bonn (1979). Convention on the Conservation of Migratory Species of Wild Animals (also known as CMS or Bonn Convention). Http://www.cms.int	Yes
5159	Dawson Shepherd A., (2023). International Laws excel draft. SFISH IC01 IUU O1. V4. 23rd August 2023. Lead Status Assessments, developing action plans and promoting capacities for management of IUU fishing, fish spawning aggregations and fishery ByCatch in the PERSGA Region. Sustainable Fishery Development in the Red Sea and Gulf of Aden (SFISH). P178143. SFISH/IC01/2023. Regional Organisation for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA). World Bank (WB).	Yes
5161	Dawson Shepherd A., (2023). IUU Assessment Methodology Guidelines Draft V5.0. October 31st, 2023. Lead Status Assessments, developing action plans and promoting capacities for management of IUU fishing, fish spawning aggregations and fishery ByCatch in the PERSGA Region. Sustainable Fishery Development in the Red Sea and Gulf of Aden (SFISH). P178143. SFISH/IC01/2023. Regional Organisation for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA). World Bank (WB).	Yes
5207	Dawson Shepherd, A.R., (2024). IUU Fishing Assessment PERSGA Region V3 Final Draft 20th August 2024. Developing action plans and promoting capacities for management of IUU fishing, fish spawning aggregations and fishery ByCatch in the PERSGA Region. Sustainable Fishery Development in the Red Sea and Gulf of Aden (SFISH). P178143. SFISH/IC01/2023. Regional Organisation for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA). World Bank (WB) (DID5207).	Yes
5271	Dawson Shepherd, A.R., (2024). PERSGA NPOA-IUU drafting Guideline. Draft Final 11th October 2024. Developing action plans and promoting capacities for management of IUU fishing, fish spawning aggregations and fishery ByCatch in the PERSGA Region. Sustainable Fishery Development in the Red Sea and Gulf of Aden (SFISH). P178143. SFISH/IC01/2023. Regional Organisation for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA). World Bank (WB) (DID5271).	Yes
5259	Dawson Shepherd, A.R., (2024). PERSGA RPOA-IUU Draft Final 11th October 2024. Developing action plans and promoting capacities for management of IUU fishing, fish spawning aggregations and fishery ByCatch in the PERSGA Region. Sustainable Fishery Development in the Red Sea and Gulf of Aden (SFISH). P178143. SFISH/IC01/2023. Regional Organisation for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA). World Bank (WB) (DID5259).	Yes
4887	De Silva,Darshani; Project Appraisal Document (PAD) - Program on Sustainable Fishery Development in Red Sea and Gulf of Aden (SFISH) - P178143 (English). 10th May 2022. Washington, D.C. : World Bank Group. Http://documents.worldbank.org/curated/en/099435105112220262/P1781430feb1960f0802f0734a498c27e5	Yes

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5228	El Ganainy, A. A., (2024). IUU Assessment Report EGYPT. Draft 3. 08th July 2024. Developing action plans and promoting capacities for management of IUU fishing, fish spawning aggregations and fishery ByCatch in the PERSGA Region. Sustainable Fishery Development in the Red Sea and Gulf of Aden (SFISH). P178143. SFISH/IC07/2023. Regional Organisation for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA). World Bank (WB) (DID5228).	Yes
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2571	FAO (1995). Code of Conduct for Responsible Fisheries Rome, FAO. 1995. 41 p. ftp://ftp.fao.org/docrep/fao/005/v9878e/v9878e00.pdf	Yes
5096	FAO (1996). Agreement for the Establishment of the Indian Ocean Tuna Commission (IOTC). Food and Agriculture Organization of the United Nations (FAO). Https://www.fao.org/treaties/results/details/en/c/TRE-000022/, Https://iotc.org/	Yes
2573	FAO (1999). International Plan of Action for reducing incidental catch of seabirds in longline fisheries. International Plan of Action for the conservation and management of sharks. International Plan of Action for the management of fishing capacity. Rome, FAO. 1999. 26p. Http://www.fao.org/ipoa-sharks/en/	Yes
5241	FAO (1999). The Rome Declaration on the Implementation of the Code of Conduct for Responsible Fisheries. Adopted by the FAO Ministerial Meeting on Fisheries. Rome, 10-11 March 1999. Food and Agricultural Organization of the United Nations (FAO). Https://www.fao.org/4/X2220E/X2220E00.htm	Yes
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2407	FAO (2003). Fisheries management. 4 supplement 2. Ecosystem approach to fisheries. FAO Technical Guidelines for Responsible Fisheries. No. 4, Suppl. 2. Rome, FAO. 2003. 112 p. Ftp://ftp.fao.org/docrep/fao/005/y4470e/y4470e00.pdf	Yes
194	FAO (2009). Guidelines for the Ecolabelling of Fish and Fishery Products from Marine Capture Fisheries. Revision 1. Rome, FAO. 2009. 97p. Http://www.fao.org/docrep/012/i1119t/i1119t.pdf	Yes
5254	FAO (2010). Plan d'action national visant à prévenir, à contrecarrer et à éliminer la pêche illicite, nondéclarée et non réglementée. Draft V1. République de Djibouti. Avril, 2010. Food and Agriculture Organisation of the United Nations (FAO).	Yes ((French
2909	FAO (2013). Fishery and Aquaculture Country Profiles. Egypt, 2013. Country Profile Fact Sheets. Fisheries and Aquaculture Division [online]. Rome. Updated Feb 27, 2013 [Cited Tuesday, February 21st, 2023]. Https://www.fao.org/fishery/en/facp/egy?lang=en	Web
5061	FAO (2013). Somalia Fisheries Fact Sheet. Food and Agriculture Organization of the United Nations (FAO). Https://www.fao.org/3/as789e/as789e.pdf	Yes
4246	FAO (2016). Agreement on Port State Measures to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated Fishing. FAO, UN. Http://www.fao.org/3/i5469t/I5469T.pdf, https://faolex.fao.org/treaty/docs/tre000003E.pdf	Yes
2793	FAO (2016). Fishery and Aquaculture Country Profiles. Djibouti, 2016. Country Profile Fact Sheets. Fisheries and Aquaculture Division [online]. Rome. Updated Dec 7, 2016 [Cited Sunday, February 19th, 2023]. Https://www.fao.org/fishery/en/facp/dji?lang=en	Web
5059	FAO (2017). Fishery and Aquaculture Country Profiles. Saudi Arabia, 2003. Country Profile Fact Sheets. Fisheries and Aquaculture Division [online]. Rome. Updated Aug 25, 2017 [Cited Wednesday, February 22nd, 2023]. Https://www.fao.org/fishery/en/facp/sau?lang=en also https://www.fao.org/fishery/docs/DOCUMENT/fcp/en/FI_CP_SA.pdf dated 2003	Web 2017, pdf 2003

DID	Long title	Ecopy
2792	FAO (2019). Fishery and Aquaculture Country Profiles. Jordan, 2019. Country Profile Fact Sheets. Fisheries and Aquaculture Division [online]. Rome. Updated Jan 17, 2013 [Cited Tuesday, February 21st, 2023]. Https://www.fao.org/fishery/en/facp/jor?lang=en	Web
5017	FAO (2019). Voluntary Guidelines on the Marking of Fishing Gear. Directives volontaires sur le marquage des engins de pêche. Directrices voluntarias sobre el marcado de las artes de pesca. Rome/ Roma. 88 pp. https://www.fao.org/3/ca3546t/ca3546t.pdf	Yes
2787	FAO (2020). Fishery and Aquaculture Country Profiles. Sudan, 2019. Country Profile Fact Sheets. Fisheries and Aquaculture Division [online]. Rome. Updated Mar 27, 2020 [Cited Wednesday, February 22nd, 2023]. Https://www.fao.org/fishery/en/facp/sdn?lang=en	Web
5012	FAO (2022). Draft Regional Fish Spawning Aggregation Fishery Management Plan: Focus on Nassau Grouper and Mutton Snapper (FSAMP). WESTERN CENTRAL ATLANTIC FISHERY COMMISSION (WECAFC). Food and Agriculture Organization of the United Nations (FAO). Https://www.fao.org/3/cc2977en/cc2977en.pdf	Yes
2319	FAO CWP (2016) International Standard Statistical Classification of Fishing Gear (ISSCFG). Capture Fisheries Statistics. The CWP Handbook of Fishery Statistics. Coordinating Working Party on Fishery Statistics (CWP). Food and Agriculture Organization of the United Nations (FAO). Https://www.fao.org/3/bt988e/bt988e.pdf, https://www.fao.org/fishery/en/geartype/search	Yes
5049	FAO CWP (2019). International Standard Statistical Classification of Fishery Vessels by Vessel Types (ISSCFV, Rev.1, 2019). Fishery Fleet. Capture Fisheries Statistics. The CWP Handbook of Fishery Statistics. Coordinating Working Party on Fishery Statistics (CWP). Food and Agriculture Organization of the United Nations (FAO). Https://www.fao.org/3/cb5201en/cb5201en.pdf	Yes
5054	FAO CWP (2023). Catch and Landings. Capture Fisheries Statistics. The CWP Handbook of Fishery Statistics. Coordinating Working Party on Fishery Statistics (CWP). Food and Agriculture Organization of the United Nations (FAO). Https://www.fao.org/cwp-on-fishery-statistics/handbook/capture-fisheries-statistics/catch-and-landings/en/	Web
5123	FAO, ACCOBAMS, (2018) Good Practice Guide for the Handling of Cetaceans caught incidentally in Mediterranean Fisheries. Food and Agricultural Organization of the United Nations (FAO). Https://www.fao.org/gfcm/publications/en/	Yes
5124	FAO, ACCOBAMS, (2018) Good Practice Guide for the Handling of Sea turtles caught incidentally in Mediterranean Fisheries. Food and Agricultural Organization of the United Nations (FAO). Https://www.fao.org/gfcm/publications/en/	Yes
5125	FAO, ACCOBAMS, (2018) Good Practice Guide for the Handling of Seabirds caught incidentally in Mediterranean Pelagic Longline Fisheries. Food and Agricultural Organization of the United Nations (FAO). Https://www.fao.org/gfcm/publications/en/	Yes
5126	FAO, ACCOBAMS, (2018) Good Practice Guide for the Handling of Sharks and Rays caught incidentally in Mediterranean Pelagic Longline Fisheries. Food and Agricultural Organization of the United Nations (FAO). Https://www.fao.org/gfcm/publications/en/	Yes
5090	FAO. 1993. Agreement to Promote Compliance with International Conservation and Management Measures by Fishing Vessels on the High Seas. Food and Agriculture Organization of the United Nations (FAO). Https://faolex.fao.org/treaty/docs/tre000023E.pdf	Yes
5016	FAO. International Guidelines on Bycatch Management and Reduction of Discards. Rome/Roma, FAO. 2011. 73 pp. https://www.fao.org/3/ba0022t/ba0022t.pdf	Yes
5205	Gov of Somalia (2023. Law of Fisheries Management and Development - No. 008 (2023). Government of Somalia.	Yes
2781	Gov of Sudan (1937). Marine Fisheries Ordinance. Government of Sudan. Http://faolex.fao.org/docs/pdf/sud2152.pdf	Yes
5117	IUCN (2023). Red List. International Union for the Conservation of Nature and Natural Resources (IUCN). Https://www.iucnredlist.org/en	Yes
5229	Khalaf, M (2024). IUU fishing Assessment Report JORDAN Draft V2. 10th July 2024. Developing action plans and promoting capacities for management of IUU fishing, fish spawning aggregations and fishery ByCatch in the PERSGA Region. Sustainable Fishery Development in the Red Sea and Gulf of Aden (SFISH). P178143. SFISH/IC05/2023. Regional Organisation for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA). World Bank (WB) (DID5229) .	Yes

DID	Long title	Ecopy
5145	Ministry of Fisheries, Marine Resources and Agriculture (2020), Maldives Grouper Management Plan. Government Gazette Reference: Volume 49, Issue 260, 16 December 2020. MoFMRA, Malé, Maldives. Https://www.gov.mv/en/files/grouper-gazette-49-260.pdf (divehi), https://www.gov.mv/dv/files/grouper-fmp-unofficial-translation.pdf (English)	Yes
5209	MSC (2024). Marine Stewardship Council (MSC). Https://www.msc.org/	Web
5266	OECD (2021), Applying Evaluation Criteria Thoughtfully, OECD Publishing, Paris, https://doi.org/10.1787/543e84ed-en	Yes
4791	Patrício J, Elliott M, Mazik K, Papadopoulou K-N and Smith CJ (2016). DPSIR—Two Decades of Trying to Develop a Unifying Framework for Marine Environmental Management? Front. Mar. Sci. 3:177. doi: 10.3389/fmars.2016.00177 https://core.ac.uk/download/pdf/151161451.pdf	Yes
2557	PERSGA (1982). Jeddah Convention. Regional Convention for the Conservation of the Red Sea and Gulf of Aden Environment. Http://www.persga.org/Documents/Doc_62_20090211112825.pdf	Yes
4186	PERSGA (1982). Protocol concerning regional co-operation in combating pollution by oil and other harmful substances in cases of emergency. Jeddah, 14 February 1982. PERSGA. http://www.persga.org/Documents/Doc_62_20090211122726.pdf	Yes
2835	PERSGA (2005). Protocol Concerning the Protection of the Marine Environment from Land-Based Activities in the Red Sea and Gulf of Aden. PERSGA. http://www.persga.org/Documents/Doc_62_20090211124355.pdf	Yes
2558	PERSGA (2005). The Protocol Concerning the Conservation of Biological diversity and the Establishment of a Network of Protected Areas in the Red Sea and Gulf of Aden. PERSGA. http://www.persga.org/Documents/Doc_62_20090211123942.pdf	Yes
2569	PERSGA (2018). Protocol Concerning Regional Cooperation in Management of Fisheries and Aquaculture in the Red Sea and Gulf of Aden (Final English Cleared, 28th February 2018). The Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden PERSGA.	Yes
4489	PERSGA (2020). State of the Marine Environment Report for the Red Sea and Gulf of Aden (SOMERSGA II). PERSGA, Jeddah, KSA. Http://persga.org/Documents/Publications/QR_Downloads/English/SOMERSGA_2020.pdf	Yes
5265	PERSGA (2024). Email Response to request for clarifications from SFISH IC01/2023 concerning RFMO, RFB etc. Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA).	Yes
3834	PERSGA/GEF 2003. Status of Breeding Seabirds in the Red Sea and Gulf of Aden. PERSGA Technical Series No. 8. PERSGA, Jeddah. www.persga.org/Files//Publications/Technical/TS/TS8_Status_of_Breeding_Seabirds.pdf	Yes
3896	PERSGA/GEF. 2004. Regional Action Plan for the Conservation of Marine Turtles and their Habitats in the Red Sea and Gulf of Aden. PERSGA, Jeddah. Http://www.persga.org/Documents/2_MarineTurtles_ActionPlan.pdf	Yes
4317	PERSGA/GEF 2019. Standard Survey Methods for Key Habitats and Key Species in the Red Sea and Gulf of Aden, 2nd Edition. PERSGA Technical Series No. 19. PERSGA, Jeddah. http://www.persga.org//Documents/Publications/QR_Downloads/English/SSM_May_2019.pdf	Yes
2721	SCRFA Fish Aggregation Database (2013). Spawning aggregation database by Science and Conservation of Fish Aggregations. World Wide Web electronic publication. (https://www.scrfa.org/database/	Web
3246	Sustainable Development Knowledge Platform. https://sdgs.un.org/goals	Web
4890	Terje Løbach, T., Petersson, M., Haberkon, E. and Mannini, P. 2020. Regional fisheries management organizations and advisory bodies. Activities and developments, 2000–2017. FAO Fisheries and Aquaculture Technical Paper No. 651. Rome, FAO. https://doi.org/10.4060/ ca7843en	Yes
5100	UN (1948). International Convention for the Regulation of Whaling, Washington, 2 December 1946, United Nations, Treaty Series, vol. 161, p. 74. and schedule rev.2022. https://iwc.int/convention; Https://treaties.un.org/pages/showDetails.aspx?objid=0800000280150135	Web

DID	Long title	Ecopy
5145	Ministry of Fisheries, Marine Resources and Agriculture (2020), Maldives Grouper Management Plan. Government Gazette Reference: Volume 49, Issue 260, 16 December 2020. MoFMRA, Malé, Maldives. Https://www.gov.mv/en/files/grouper-gazette-49-260.pdf (divehi), https://www.gov.mv/dv/files/grouper-fmp-unofficial-translation.pdf (English)	Yes
5209	MSC (2024). Marine Stewardship Council (MSC). Https://www.msc.org/	Web
5266	OECD (2021), Applying Evaluation Criteria Thoughtfully, OECD Publishing, Paris, https://doi.org/10.1787/543e84ed-en	Yes
4791	Patrício J, Elliott M, Mazik K, Papadopoulou K-N and Smith CJ (2016). DPSIR—Two Decades of Trying to Develop a Unifying Framework for Marine Environmental Management? Front. Mar. Sci. 3:177. doi: 10.3389/fmars.2016.00177 https://core.ac.uk/download/pdf/151161451.pdf	Yes
2557	PERSGA (1982). Jeddah Convention. Regional Convention for the Conservation of the Red Sea and Gulf of Aden Environment. Http://www.persga.org/Documents/Doc_62_20090211112825.pdf	Yes
4186	PERSGA (1982). Protocol concerning regional co-operation in combating pollution by oil and other harmful substances in cases of emergency. Jeddah, 14 February 1982. PERSGA. http://www.persga.org/Documents/Doc_62_20090211122726.pdf	Yes
2835	PERSGA (2005). Protocol Concerning the Protection of the Marine Environment from Land-Based Activities in the Red Sea and Gulf of Aden. PERSGA. http://www.persga.org/Documents/Doc_62_20090211124355.pdf	Yes
2558	PERSGA (2005). The Protocol Concerning the Conservation of Biological diversity and the Establishment of a Network of Protected Areas in the Red Sea and Gulf of Aden. PERSGA. http://www.persga.org/Documents/Doc_62_20090211123942.pdf	Yes
2569	PERSGA (2018). Protocol Concerning Regional Cooperation in Management of Fisheries and Aquaculture in the Red Sea and Gulf of Aden (Final English Cleared, 28th February 2018). The Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden PERSGA.	Yes
4489	PERSGA (2020). State of the Marine Environment Report for the Red Sea and Gulf of Aden (SOMERSGA II). PERSGA, Jeddah, KSA. Http://persga.org/Documents/Publications/QR_Downloads/English/SOMERSGA_2020.pdf	Yes
5265	PERSGA (2024). Email Response to request for clarifications from SFISH IC01/2023 concerning RFMO, RFB etc. Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA).	Yes
3834	PERSGA/GEF 2003. Status of Breeding Seabirds in the Red Sea and Gulf of Aden. PERSGA Technical Series No. 8. PERSGA, Jeddah. www.persga.org/Files//Publications/Technical/TS/TS8_Status_of_Breeding_Seabirds.pdf	Yes
3896	PERSGA/GEF. 2004. Regional Action Plan for the Conservation of Marine Turtles and their Habitats in the Red Sea and Gulf of Aden. PERSGA, Jeddah. Http://www.persga.org/Documents/2_MarineTurtles_ActionPlan.pdf	Yes
4317	PERSGA/GEF 2019. Standard Survey Methods for Key Habitats and Key Species in the Red Sea and Gulf of Aden, 2nd Edition. PERSGA Technical Series No. 19. PERSGA, Jeddah. http://www.persga.org//Documents/Publications/QR_Downloads/English/SSM_May_2019.pdf	Yes
2721	SCRFA Fish Aggregation Database (2013). Spawning aggregation database by Science and Conservation of Fish Aggregations. World Wide Web electronic publication. (https://www.scrfa.org/database/	Web
3246	Sustainable Development Knowledge Platform. https://sdgs.un.org/goals	Web
4890	Terje Løbach, T., Petersson, M., Haberkon, E. and Mannini, P. 2020. Regional fisheries management organizations and advisory bodies. Activities and developments, 2000–2017. FAO Fisheries and Aquaculture Technical Paper No. 651. Rome, FAO. https://doi.org/10.4060/ ca7843en	Yes
5100	UN (1948). International Convention for the Regulation of Whaling, Washington, 2 December 1946, United Nations, Treaty Series, vol. 161, p. 74. and schedule rev.2022. https://iwc.int/convention; Https://treaties.un.org/pages/showDetails.aspx?objid=0800000280150135	Web

ANNEX 3

"PERSGA RPOA-IUU" Action Planning Table.

The following "*PERSGA RPOA-IUU*" Action Planning table gives an **indicative** workplan and budget. It provides the template, also available as an excel, to be used for further developing RPOA-IUU and for developing NPOA-IUU. Cells in grey are locked in the excel version. Where they relate to numeric totals they are auto calculated from the figures entered in the unshaded cells. The table comprises the following fields:

01. **Ranking**: a column for ranking of each proposed Action (0 = no importance to 10 = maximum importance) by the relevant Regional "*PERSGA RPOA-IUU*" and National "*PERSGA NPOA-IUU"* Consultative Committees in support of prioritizing actions for the "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*".

02. **% done**: A column for indicating the percentage extent to which a proposed action has already been delivered.

03. **Schedule**: an indicative annual schedule of major and minor inputs in support of the specified actions for a proposed 5 year implementation.

04. **Responsibilities**: IUU fishing Stakeholder responsibility (major and minor):

    Organization

    04.01. the "*Council*"

    04.02. the "*General Secretariat*"

    04.03. the "*Committee for the Settlement of Disputes*"

    04.04. the "*Contracting Parties*"

    National

    04.05. the "Competent (National) Authorities" for each of the "Contracting Parties"

    04.06. the private sector

    04.07. civil society

    Consultants

    04.08. "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" implementation contractors.

05. **Budget**: An indicative budget for each proposed Action is broken down as follows:

    05.01. **Guidance** : Provision of guidance standards/training materials etc

    05.02. **Legislation** : Support for review, drafting and processing of legislation

    05.03. **Travel and expenses** : Costs for travel and expenses

    05.04. **Training** : Costs for capacity building training

05.05. **Goods/Pilots etc**: Cost of equipment, infrastructure, large studies/demonstration pilots, etc

05.06. **Monitoring and Evaluation**: Costs for monitoring and evaluating PERSGA RPOA-IUU/NPOA-IUU delivery.

05.07. **Total indicative cost** for the action

05.08. **% of total cost**

06. **Direction** : An opportunity for "*PERSGA RPOA-IUU*" and "**PERSGA NPOA-IUU**" developers to seek direction from relevant stakeholders as to the proposed Actions. A direction exercise was undertaken in support of the PERSGA Region IUU fishing Assessment and was broadly supportive (DID5207).

Total cost and % cost are also given by theme and overall. An indicative 10% contingency and 30% overhead is added to the total cost.

01. 9.98% of the indicative budget relates to the preparation of regional guidelines and standards with significant investment proposed for software development for data management.

02. 1.30% for drafting and processing of legislation.

03. 11.23% for travel and expenses for Regional and National "*PERSGA RPOA-IUU*" and "*PERSGA NPOA-IUU*" Consultative Committees.

04. 10.42% for capacity building training.

05. 59.30 % for goods and demonstration pilots including for Fisheries certification, Protected Area boundaries demarcation, SPAG surveys, ByCatch and Discards and Fisheries Statistics and Stock Assessment with significant investment proposed for shore facility improvements.

06. 7.78 % for monitoring and evaluation (service delivery etc).

Page 1 of 4 : cSM (cross-cutting)

Date:		Number of male Participants*:		Number of female Participants*:		*Please register/list participants.

Sub-sect	PROPOSED ACTIONS (IV.01 is an Introduction, not an Action)	01 RANK SCORE (0-10)	02 % done	03 SCHEDULE Year 2026	2027	2028	2029	2030	04 RESPONSIBILITY/BENEFICIARY "Organization" 01 CN	02 GS	03 CD	04 CP	National x 7 05 CA	06 PS	07 CS	CO 08 CO	05 ACTIONS BUDGET $US (5 years) 01 Guid-ance	02 Legis-lation	03 Travel/ Expenses	04 Training	05 Goods/ Pilots	06 M&E	07 Total	08 %	06 DIRECTION Yes	No	Res	Abs	All
IV.02	cSM (cross-cutting)																												
IV.02.01	Capacity Building (National)		0														21000			48000			69000	0.25					0
IV.02.02	Capacity Building (Regional)																5000			6000			11000	0.04					0
IV.02.03	Certification (IUU Fishing)																10000	7000	24000	48000	400000		489000	1.80					0
IV.02.04	Delivery of Actions (National)																19000	7000	910000	48000	35000		1019000	3.74					0
IV.02.05	Delivery of Actions (Regional)																5000	1000	265000	6000	35000		312000	1.15					0
IV.02.06	Database IUU Fishing (Regional)																1000000			120000	50000		1170000	4.30					0
IV.02.07	Funding for IUU Fishing Management																5000	7000		48000			60000	0.22					0
IV.02.08	Good Practice Examples IUU Fishing																5000			48000	20000		73000	0.27					0
IV.02.09	Internal Waters																3000	7000		48000			58000	0.21					0
IV.02.10	Issues IUU Fishing																5000		42000	48000	160000		255000	0.94					0
IV.02.11	PERSGA NPOA-IUU Adoption																24000	7000		48000	16000		95000	0.35					0
IV.02.12	Political and Economic Analysis of IUU																3000	7000	42000	48000	16000		116000	0.43					0
IV.02.13	Pollution Control																3000	7000		48000	800000		858000	3.15					0
IV.02.14	Reporting																6000	7000		48000	16000		77000	0.28					0
IV.02.15	Research																6000	7000		48000	800000		861000	3.16					0
IV.02.16	PERSGA RPOA-IUU Adoption																24000	1000		48000	2000		75000	0.28					0
IV.02.17	RPOA/NPOA-SCP (Special Cons Plans)																0	7000		48000	800000		855000	3.14					0
IV.02.18	Service Delivery Targets																30000	7000	756000	48000	16000	1512000	2369000	8.71					0
IV.02.19	Stakeholder Governance/Grievance																26000	7000	1750	48000	700		83450	0.31					0
IV.02.20	ByCatch and Discards Management																26000	7000	1750	48000	400000		482750	1.77					0
IV.02.21	Fisheries Statistics & Stock Assessment																0	7000	1750	48000	400000		456750	1.68					0
IV.02	Sub-total:	0	0														1226000	100000	2044250	996000	3966700	1512000	9844950	36.18	0	0	0	0	0

Page 2 of 4 : International and National Legal instruments

Sub-sect	PROPOSED ACTIONS (IV.01 is an Introduction, not an Action)	01 RANK SCORE (0-10)	02 % done	03 SCHEDULE Year 2026	2027	2028	2029	2030	04 RESPONSIBILITY/BENEFICIARY "Organization" 01 CN	02 GS	03 CD	04 CP	National x 7 05 CA	06 PS	07 CS	CO 08 CO	05 ACTIONS BUDGET $US (5 years) 01 Guidance	02 Legislation	03 Travel/ Expenses	04 Training	05 Goods/ Pilots	06 M&E	07 Total	08 %	06 DIRECTION Yes	No	Res	Abs	All
IV.03	**Internatn Instruments (Legal)**																												
IV.03.01	PERSGA Ex-Situ Biodiv Draft Protocol		0														5000	5000	1750	48000	700		60450	0.22					0
IV.03.02	PERSGA Fish and Aqua Draft Protocol																		1750	48000	700		50450	0.19					0
IV.03.03	PERSGA PAs Protocol Annexes																7000	7000	1750	48000	175700		239450	0.88					0
IV.03.04	PERSGA PAtl Draft Protocol																12000	5000	1750	48000	700		67450	0.25					0
IV.03.05	UN CBD Aichi																3500	3500	1750		700		9450	0.03					0
IV.03.06	UN CBD Kumming Montreal GBF																3500	3500	1750		700		9450	0.03					0
IV.03.07	UNCLOS BBNJ, FSA																3500	3500	1750		700		9450	0.03					0
IV.03.08	UN FAO Compliance Agreement																3500	3500	1750		700		9450	0.03					0
IV.03.09	UN FAO pSM Agreement																50000	3500	1750	48000	700		103950	0.38					0
IV.03.10	UN FCCC Loss and Damage																55000	3500	1750	48000	700		108950	0.40					0
IV.03.11	UN IMO MARPOL 73/78 Annexes																45000	3500	1750	48000	700		98950	0.36					0
IV.03.12	UN WTO Fishing Subsidies																64000	3500	1750	48000	700		117950	0.43					0
IV.03	**Sub-total:**	0	0														252000	45000	21000	384000	183400	0	885400	3.25	0	0	0	0	0
IV.04	**National Legislation (Legal)**																												
IV.04.01	Competent Authorities IUU Fishing		0														36000	3500	1750	48000	700		89950	0.33					0
IV.04.02	Executive Regulations IUU Fishing																29000	21000	1750	48000	700		100450	0.37					0
IV.04.03	Governance - Legal																29000	21000	1750	48000	700		100450	0.37					0
IV.04	**Sub-total:**	0	0														94000	45500	5250	144000	2100	0	290850	1.07	0	0	0	0	0

Page 3 of 4 : port State Measures and coastal State Measures (SPAG)

Sub-sect	PROPOSED ACTIONS (IV.01 is an Introduction, not an Action)	01 RANK SCORE (0-10)	02 % done	03 SCHEDULE Year 2026	2027	2028	2029	2030	04 RESPONSIBILITY/BENEFICIARY "Organization" 01 CN	02 GS	03 CD	04 CP	National x 7 05 CA	06 PS	07 CS	CO 08 CO	05 ACTIONS BUDGET $US (5 years) 01 Guid-ance	02 Legis-lation	03 Travel/ Expenses	04 Training	05 Goods/ Pilots	06 M&E	07 Total	08 %	06 DIRECTION Yes	No	Res	Abs	All
IV.05	**port State Measures (pSM)**																												
IV.05.01	Infrastructure		0														92000	3500	21000	48000	7000000		7164500	26.33					0
IV.05.02	IUU Fishing Management - Mandate																8000	3500	1750	48000	1400		62650	0.23					0
IV.05.03	IUU Fishing Management - License																12000	3500	1750	48000	1400		66650	0.24					0
IV.05.04	IUU Fishing Management - Regulations																12000	7000	1750	48000	1400		70150	0.26					0
IV.05.05	IUU Fishing Management - Plan																52000	3500	14000	48000	1400		118900	0.44					0
IV.05	**Sub-total:**	0	0														176000	21000	40250	240000	7005600	0	7482850	27.50	0	0	0	0	0
IV.06	**cSM (SPAG)**																												
IV.06.01	SPAG - Competent National Authority		0														8000	3500			1400		12900	0.05					0
IV.06.02	SPAG - Define as a National Asset Type																8000	4000					12000	0.04					0
IV.06.03	SPAG - National Survey																13000	3500	1750	21000	350000		389250	1.43					0
IV.06.04	SPAG - Designation of SPAG Areas																13000	3500					16500	0.06					0
IV.06.05	SPAG - IUU Fishing "Issues" Manag Plan																61000	3500	70000	48000	2800		185300	0.68					0
IV.06	**Sub-total**	0	0														103000	18000	71750	69000	354200	0	615950	2.26	0	0	0	0	0

Page 4 of 4 : coastal State Measures (Stakeholder fishing Licences and flag State Responsibilities (Fishing Vessel fishing licenses)

Sub-sect	PROPOSED ACTIONS (IV.01 is an Introduction, not an Action)	01 RANK SCORE (0-10)	02 % done	03 SCHEDULE Year 2026	2027	2028	2029	2030	04 RESPONSIBILITY/BENEFICIARY "Organization" 01 CN	02 GS	03 CD	04 CP	National x 7 05 CA	06 PS	07 CS	CO 08 CO	05 ACTIONS BUDGET $US (5 years) 01 Guid-ance	02 Legis-lation	03 Travel/ Expenses	04 Training	05 Goods/ Pilots	06 M&E	07 Total	08 %	06 DIRECTION Yes	No	Res	Abs	All
IV.07	**cSM (Stakeholder Fish Licence)**																												
IV.07.01	FFL Competent (National) Authority		0														8000	3500					11500	0.04					0
IV.07.02	Fishing License for All Fishers																15000						15000	0.06					0
IV.07.03	Fisher Fishing License (FFL) Framework																13000			48000			61000	0.22					0
IV.07.04	FFL Exec Regs (Report & Regulate)																8000	8000		48000	7000		71000	0.26					0
IV.07	**Sub-total:**	0	0														44000	11500	0	96000	7000	0	158500	0.58	0	0	0	0	0
IV.08	**fSR (Vessel Fishing License)**																												
IV.08.01	VFL Competent (National) Authority		0														8000	3500					11500	0.04					0
IV.08.02	Fishing License for All Fishing Vessels																15000						15000	0.06					0
IV.08.03	Vessel Fishing License (VFL) framework																13000			48000			61000	0.22					0
IV.08.04	VFL Exec Regs (Report & Regulate)																8000	8000		48000	7000		71000	0.26					0
IV.08	**Sub-total:**	0	0														44000	11500	0	96000	7000	0	158500	0.58	0	0	0	0	0
	Total:	0	0														1939000	252500	2182500	2025000	11526000	1512000	19437000	71.43	0	0	0	0	0
	Contingency @ 10%																193900	25250	218250	202500	1152600	151200	1943700	7.14					
	Overhead @ 30%																581700	75750	654750	607500	3457800	453600	5831100	21.43					
	Total including contingency & overhead																2714600	353500	3055500	2835000	16136400	2116800	27211800	100					
	Total %																9.98	1.30	11.23	10.42	59.30	7.78		100					

Key	Major input	Minor input	Cross-costed	>3% budget	%

CN = Council (Organization). GS = General Secretariat (Organization). CD = Committee for the Settlement of Disputes (Organization). CP = Contracting Parties (Organization). CA = Competent (National) Authority for IUU. PS = Private Sector. CS = Civil Society. CO = Consultant. M&E = Monitoring and Evaluation. fSR = flag State Responsibilities.

Disclaimer : The direction category checked above reflects the opinion of the respective Country Competent Authority. It does not reflect the opinion of any other Party. The direction informs the preparation of the PERSGA Region Plan of Action (RPOA-IUU) for IUU fishing, and the respective Country National Plans of Action (NPOA-IUU) for IUU fishing.

Direction : Please cross your "Direction" reflecting the assessment of the listed Action. "Yes" agree. "No" not necessary/do not agree. "Res" Agree with reservations. "Abs" Abstain (cannot provide direction). If you have reservations/comments please append them against the Action number.

Governance - Legal (IV.04.03) : The validity of a Country Fisheries Law or regulation in terms of its issuing authority and application. For example, the Somali Fisheries Law (008/2023) and Constitutional authority and Sudanese Red Sea State Marine Fisheries Law 2016 under Marine Fisheries Ordinance of 1937.

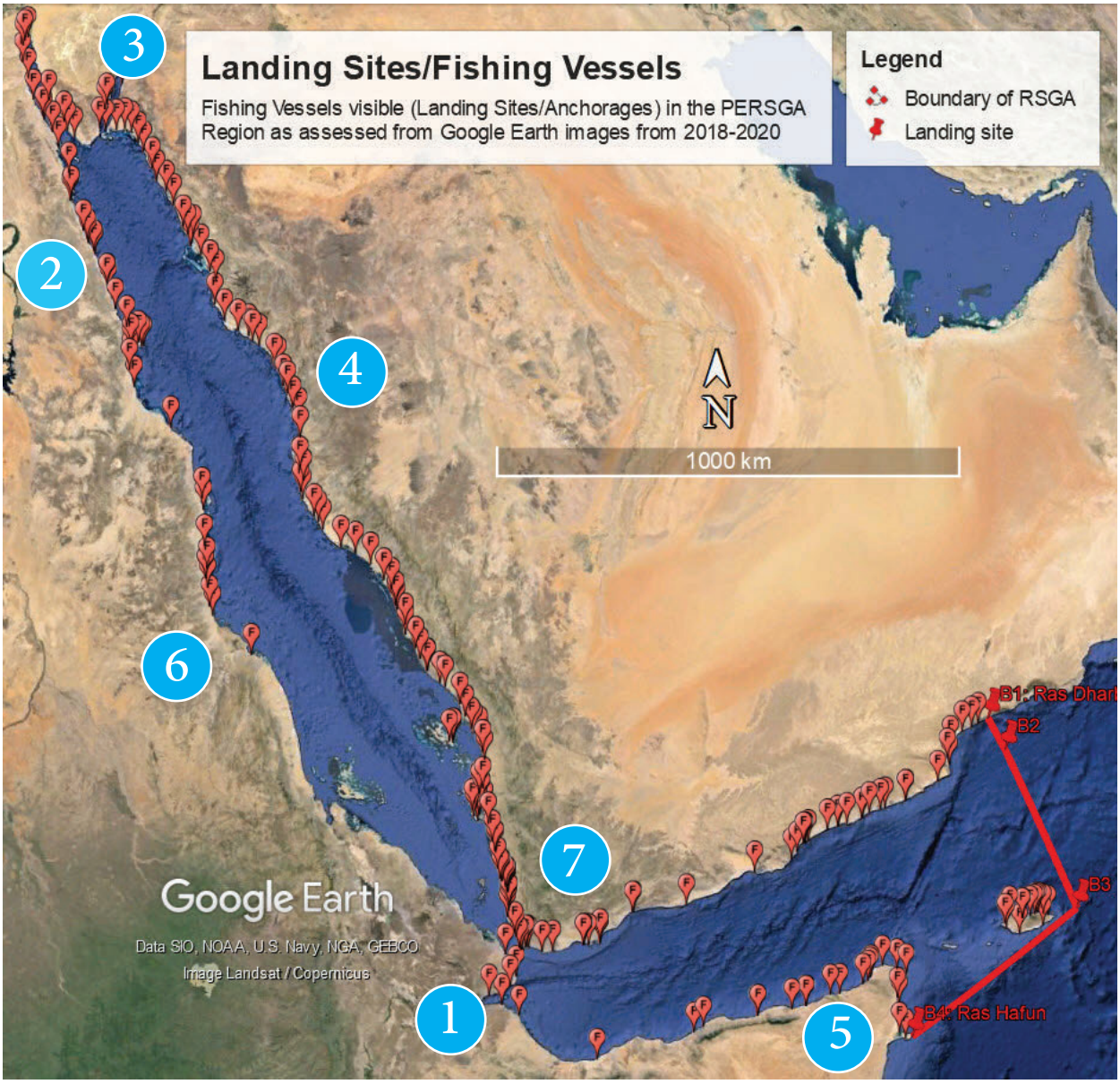
ANNEX 4 & 5

ANNEX 4. “PERSGA RPOA-IUU” List of Action Planning Participants.

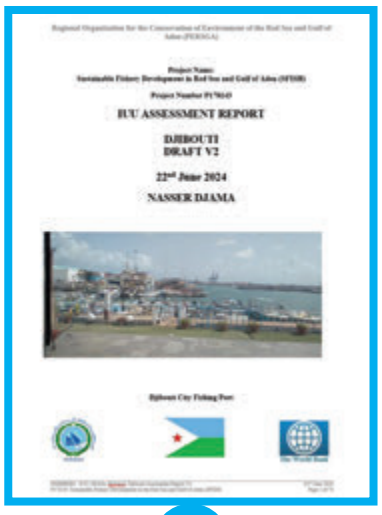
This Annex 4 should contain the list of Action Planning Participants, presumed to be from the proposed “PERSGA *RPOA-IUU Consultative (Regional) Committee*”, specified under “PERSGA RPOA-IUU” Action IV.02.04 involved in completing the Annex 3 Action Planning Table/Validating the PERSGA RPOA-IUU.

ANNEX 5. “PERSGA RPOA-IUU” List of Reservations.

This Annex 5 should detail reservations for any proposed “*PERSGA RPOA-IUU*” Actions noted in the “Direction” field of the completed “PERSGA RPOA-IUU” Action Planning Table at Annex 3 above.



SFISH PROJECT PERSGA WORLD BANK GROUP
Environment, Natural Resources & Blue Economy

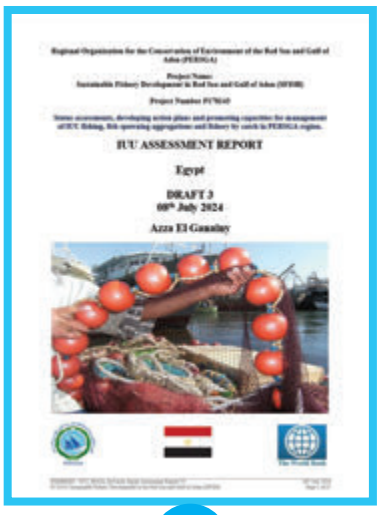

IUU ASSESSMENT REPORT

DJIBOUTI
DRAFT V2

22nd June 2024

NASSER DJAMA

1

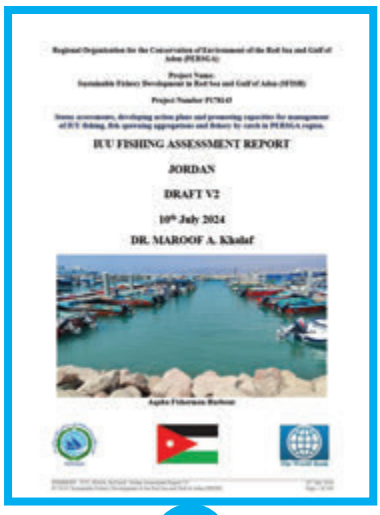

IUU ASSESSMENT REPORT

Egypt

DRAFT 3
08th July 2024

Azza El Gamiley

2


IUU FISHING ASSESSMENT REPORT

JORDAN

DRAFT V2

10th July 2024

DR. MAROOF A. Khalaf

3

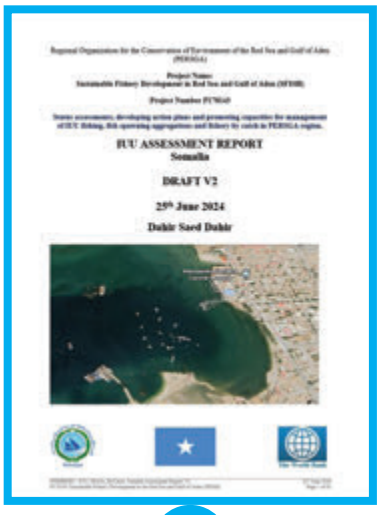

IUU ASSESSMENT REPORT
Saudi Arabia

DRAFT V0

21st May 2024

FEISAL A. BUKHARI PhD

4

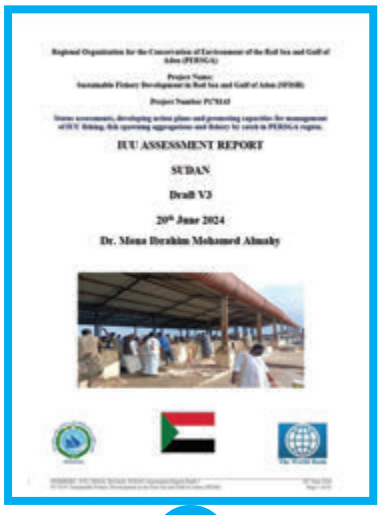

IUU ASSESSMENT REPORT
Somalia

DRAFT V2

25th June 2024

Dahir Saed Dahir

5


IUU ASSESSMENT REPORT

SUDAN

Draft V3

20th June 2024

Dr. Mona Ibrahim Mohamed Almaky

6


IUU ASSESSMENT REPORT

YEMEN

DRAFT III

4th AUGUST 2024

Mohammed Abdullah Saad Hawas

7

