



Partnership Arrangement

Explanatory Notes

The attached Partnership Arrangement is essentially in three parts and consists of:

1. Preamble:

Recognising the origins of the need to develop the FIRMS through a variety of partnerships.

2. Articles:

- Article 1. OBJECTIVES OF THE PARTNERSHIP ARRANGEMENT
- Article 2. PRINCIPLES OF THE PARTNERSHIP ARRANGEMENT
- Article 3. PARTNERS RESPONSIBILITIES
- Article 4. PARTNERS BENEFITS AND RIGHTS
- Article 5. INSTITUTIONAL ARRANGEMENTS

3. Annexes:

Annex 2 currently contains 'Notes' that will not be included in the text of the Partnership Arrangement.

Annex 1 Current FIRMS Partners on the date of signature by the two Parties.

To be updated and revised on each new Partnership Arrangement.

Annex 2: Outline and detailed arrangements on the nature of information and the conditions under which it is made available under this partnership arrangement, including any institutional collaborations and additional entitlements that a partner may wish to include.

To be defined entirely according to the requirements of the parties, not necessarily the attached guideline, within the scope of, but not limited to, the FIRMS Information Management Policy.





**Partnership Arrangement
providing for international cooperation
in the development and maintenance of the
Fisheries and Resources Monitoring System (FIRMS)**



PREAMBLE

WHEREAS the Code of Conduct for Responsible Fisheries:

- provides guidance which may be used where appropriate in the formulation of international agreements and other legal instruments, both binding and voluntary;
- calls for the promotion of international cooperation and coordination in all matters related to fisheries, including information gathering and data exchange, and fisheries research, management and development; and
- recognises that the special requirements of developing countries in implementing the Code need to be taken into account.

RECOGNIZING that partnerships between international and national institutions will assist in meeting the objectives of the Code of Conduct for Responsible Fisheries, including the implementation of International Plans of Action approved by the Committee of Fisheries of the Food and Agriculture Organization of the United Nations (FAO) and the FAO Strategy for Improving Information on Status and Trends of Capture Fisheries.

RECOGNIZING ALSO that such partnerships may occur at many levels, including

- global and regional fisheries organisations and arrangements (Regional Fishery Bodies);
- national agencies and research institutions; and
- global and regional network partners providing complementary information.

NOTING that international and national fisheries institutions have a wide variety of mandates and responsibilities, which may change over time, and that Partnerships should be in conformity with such mandates and responsibilities and adapt to new and changing institutional circumstances, as appropriate. Also noting that the Regional Fishery Bodies have a general obligation to disseminate information on the status of fisheries and fish stocks, or to provide assistance to their Member Countries for that purpose.

TAKING INTO CONSIDERATION the (*Note: agreement, memorandum of understanding, or exchange of letters concerning these recognitions; and noting the appropriate detail*) that exists between the partners to this arrangement.

NOW THEREFORE the **Fisheries Committee for the West Central Gulf of Guinea (FCWC)**, (hereinafter, the 'Partner'¹) and the FAO, as a partner acting in the interest of furthering the objectives of FIRMS, have agreed to enter into this Partnership Arrangement:

- to establish the rights, responsibilities and obligations of the Partners; and
- to specify in detail the provisions on the nature, scope and conditions under which information is made available.

¹ Or replace throughout with an institution acronym.

Article 1. OBJECTIVES OF THE PARTNERSHIP ARRANGEMENT

- 1.1 The principal objective of the FIRMS Partnership Arrangement (“the Arrangement”) is to establish a framework between the Partners as listed in Annex 1 that will promote development and extension of fisheries status and trends reporting to all fisheries resources by:
 - 1.1.1 building a community of responsible institutions that will report in an objective way on fisheries status and trends, thus contributing to the promotion of responsible fisheries management; and
 - 1.1.2 developing, sharing and maintaining services for the collation, management and dissemination of information through a System for Fisheries and Resources Monitoring (FIRMS), hereafter referred to as the “FIRMS Partnership”.

Article 2. PRINCIPLES OF THE PARTNERSHIP ARRANGEMENT

- 2.1 The Arrangement is based on the following principles:
 - 2.1.1 information on fisheries is shared and appropriately disseminated;
 - 2.1.2 information contributions related to fisheries remain within the full control and ownership of the Partner which has primary monitoring or management responsibility over resource and fishery units, including control of what and when information is made available, and how it is processed; and
 - 2.1.3 whenever possible, the Partner will maintain the documentation on information sources, ownership, data origins and collection methodologies, and on their rules on dissemination and publication.

Article 3. PARTNERS RESPONSIBILITIES

- 3.1 FAO will provide the Secretariat to the FIRMS Steering Committee (“FSC”). The Secretariat will have the following responsibilities:
 - 3.1.1 to support the FSC, in the performance of its functions and responsibilities which are described in Article 5 of this Arrangement;
 - 3.1.2 to implement decisions of the FSC in accordance with the Information Management Policy and the Rules of Procedures adopted by the FSC;
 - 3.1.3 to coordinate and administer financial inputs, in conformity with FAO Financial Rules and Regulations, for the development of FIRMS and for the conduct of this Partnership;
 - 3.1.4 to maintain databases for the presentation of fishery information;
 - 3.1.5 to make available the information provided under this Arrangement to Partners and other interested parties as may be decided upon by the FSC;
 - 3.1.6 to supervise the implementation of FIRMS Partnership services, including
 - 3.1.6.1. the application of systems of information quality control for presentation and consistency purposes;
 - 3.1.6.2. the development and implementation of software and information methodologies; and
 - 3.1.6.3. the development and implementation of training tools and methods, and the conduct of training, as appropriate.
 - 3.1.7 where required, to receive and process information inputs from a Partner, in particular for developing country institutions;

- 3.1.8 where required, to collate, control and process information on the status and trends of fisheries; and
- 3.1.9 to seek to ensure that the FIRMS Partnership will include global level information on the status and trends of fisheries in accordance with information management policies adopted by the FSC.
- 3.2 The Partners will contribute to FIRMS according to their mandate. To this effect the Partners will be responsible *inter alia*, for:
 - 3.2.1 presenting for inclusion in FIRMS databases fishery assessment and management reports, statistics and other related information in a timely manner and according to its own policies on ownership, transparency and quality assurance, as referred to in Annex 2;
 - 3.2.2 collating fishery information, or establishing databases jointly with FAO or with others;
 - 3.2.3 ensuring collaboration with and participating in the work of the FSC, including in the identification of information that will complement each Partner's information sources and prevent duplication, and in attending meetings of the FSC.

Article 4. PARTNERS BENEFITS AND RIGHTS

- 4.1 The general benefits of the Arrangement are to enable the Partners:
 - 4.1.1 to assist them in fulfilling their commitment to improving transparency and accuracy of information on the status and trends of fisheries, while respecting confidentiality and security under which the information has been submitted, in ways that satisfy the owners of information concerned.
 - 4.1.2 to make available to the public, through dissemination channels referred to in Annex 2, information on fisheries status and trends in ways that provide background for, and facilitate interpretation of, fishery resources assessments and fishery management advisory reports. This information covers, *inter alia*:
 - 4.1.2.1. the distribution and population dynamics of a fishery resource;
 - 4.1.2.2. the techniques, nature, conduct and production of the fisheries for that resource;
 - 4.1.2.3. the fishery management systems in place or being developed, and
 - 4.1.2.4. indicators of the effect of such management.
- 4.2 In addition to what may be provided for in Annex 2, the Partner will, for FIRMS purposes, have access to:
 - 4.2.1 FIRMS tools for the editing, dissemination and maintenance of information;
 - 4.2.2 FIRMS information and databases beyond the restrictions normally applied under FAO dissemination policy, e.g. to geographic information system (GIS) layers or other value-added products;
 - 4.2.3 FIRMS Secretariat services for training in the use of information tools and standards, for use of the shared software library and other information products.

Article 5. INSTITUTIONAL ARRANGEMENTS

- 5.1 Eligibility of partners
 - 5.1.1 National institutions, mandated by a national government, and intergovernmental bodies, that hold responsibilities for the preparation or publication of fisheries information relevant to the framework of the partnership may become a Partner.

- 5.1.2 Only one institution per country endorsed by its national government may become a FIRMS Partner. That institution may act as focal point to other institutions in a given country, as appropriate.
- 5.2 A Partner will cease to be a FIRMS Partner and deemed to have withdrawn from the Arrangement following a declaration made by the FSC in accordance with article 5.4.5.
- 5.3 FIRMS Steering Committee (FSC)
 - 5.3.1 The FSC will be constituted of one member nominated by each Partner, including FAO in its capacity of Partner.
 - 5.3.2 The FSC will be activated when the FIRMS Partnership enters into force.
- 5.4 In administrative matters, the FSC will:
 - 5.4.1 meet at regular intervals, as appropriate or required in accordance with its Rules of Procedure.
 - 5.4.2 adopt its Rules of Procedure and any amendment thereof;
 - 5.4.3 make decisions according to the Rules of Procedure within the scope of this Partnership Arrangement.
 - 5.4.4 identify potential partners that will contribute to the achievement of the FIRMS objectives, and prioritise their eligibility, with a view to ensure that:
 - 5.4.4.1. their fisheries information reporting complements what FIRMS already covers;
 - 5.4.4.2. their internal information policies are in conformity with quality assurance rules and standards provided for in the FIRMS Information Management Policy referred to in 5.5.4;
 - 5.4.4.3. their mandate is within the FIRMS thematic scope; and
 - 5.4.4.4. the additional workload generated can be absorbed by the FIRMS Secretariat.
 - 5.4.5 declare a Partner as having withdrawn from the Arrangement based on the inactivity of the Partner in FIRMS; and
 - 5.4.6 discuss with and advise its members and FIRMS Secretariat on any other matters pertaining to FIRMS.
- 5.5 In technical matters, the FSC will:
 - 5.5.1 monitor the development and performance of FIRMS and advise on improvements;
 - 5.5.2 consider Partners' requests on additional analyses or presentations;
 - 5.5.3 discuss, advise and take decisions on further system developments;
 - 5.5.4 formulate, adopt and keep under review the Information Management Policy;
 - 5.5.5 review and comment upon the resources made available for the furthering of FIRMS objectives whether in kind or financial, and advise the FIRMS Secretariat on their allocation.
- 5.6 Cost sharing of the FIRMS Partnership
 - 5.6.1 FAO will cover the costs of FIRMS development, FSC administration and the provision of the Partner entitlements under the Arrangement through regular and trust fund arrangements, to the extent that these funds allow and in accordance with its Financial Rules and Regulations.
 - 5.6.2 The Partner will cover the costs of information contributions to FIRMS, attendance at FSC meetings and additional FIRMS services, which might include information system functionality or customisation for the specific use of the Partner, to the extent that funds have been allocated thereto.

5.7 Entry into force, amendment and termination of this arrangement

- 5.7.1 The Arrangement will enter into force on the date of signature of five Partners.
- 5.7.2 A Partner may withdraw from this arrangement, after giving three months notice to the FIRMS Secretariat which will inform the other Partners.
- 5.7.3 FAO may terminate its service as the FIRMS Secretariat. FAO will give twenty-four months notice to FSC before this termination.
- 5.7.4 The Arrangement may be amended or terminated with the consensus of all Partners.
- 5.7.5 The FSC will hold a first session within one year from the date of entry into force of this arrangement.

Article 6. MISCELLANEOUS

- 6.1 Annex 2 is an arrangement specific to each signing Partner and may be reviewed and amended as appropriate by the signing Partner in collaboration with the FIRMS Secretariat.

IN WITNESS WHEREOF, the Partners affix their signatures:

Signature: _____ *Name:* Séraphin Dedi Nadje

Position: FCWC Secretary General *Date:* _____

For and on behalf of: **Fisheries Committee for the West Central Gulf of Guinea (FCWC)**

Signature: _____ *Name:* Àrni M. Mathiesen

Position: Assistant Director-General,
Fisheries and Aquaculture
Department,
Food and Agriculture
Organization of the UN *Date:* _____

For and on behalf of: **Secretariat: on behalf of the FIRMS Partnership
(Food and Agriculture Organization of the United Nations)**

Annex 1

Current FIRMS Partners on the date of signature by the two Parties.

	<i>Institutional Partner</i>	<i>Date of Signature</i>
1	Inter-American Tropical Tuna Commission (IATTC)	2 December 2003
2	Commission for the Conservation of Southern Bluefin Tuna (CCSBT)	19 December 2003
3	International Council for the Exploration of the Sea (ICES)	30 January 2004
4	Food and Agriculture Organization of the United Nations (FAO) – Fisheries Department	2 February 2004
5	International Commission for the Conservation of Atlantic Tunas (ICCAT)	2 February 2004
6	Indian Ocean Tuna Commission (IOTC)	2 February 2004
7	Northwest Atlantic Fisheries Organization (NAFO)	22 October 2004
8	Southeast Asian Fisheries Development Center (SEAFDEC)	14 December 2004
9	Statistical Office of the European Communities (EUROSTAT)	31 May 2005
10	Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR)	6 February 2006
11	General Fisheries Commission for the Mediterranean (GFCM)	1 March 2007
12	North-East Atlantic Fisheries Commission (NEAFC)	1 March 2007
13	South East Atlantic Fisheries Organisation (SEAFO)	1 March 2007
14	North Atlantic Salmon Conservation Organization (NASCO)	16 December 2013
15	South Pacific Regional Fisheries Management Organisation (SPRFMO)	13 May 2019

Annex 2

Information to be contributed to FIRMS by the Fisheries Committee for the West Central Gulf of Guinea (FCWC)

The Fisheries Committee for the West Central Gulf of Guinea (FCWC) will contribute to FIRMS along the following lines:

Context

The Fisheries Committee for the West Central Gulf of Guinea (FCWC) is a sub-regional organization operating within the Eastern Central Atlantic region (FAO Area 34). FAO, as FIRMS partner, contribute to the partnership for the Eastern Central Atlantic region through the Fishery Committee for the Eastern Central Atlantic (CECAF), a FAO body under Article VI of the FAO Constitution. As per FIRMS agreement, CECAF with its Scientific Sub-Committee (SSC) has a primary responsibility for reporting on the status of Marine resources, and a corporate responsibility for the overall consistency of the marine resources and fisheries inventory, as well as overview of strategic and policy aspects. In the FIRMS context, FCWC can strengthen the capacity to provide information on the status and trends of the fishery sector for the West Central of the Gulf of Guinea and the underlying Member Countries, by fulfilling a key role regarding the provision of updated quantitative and qualitative information on inventoried fisheries and ensuring and coordinating capacity building activities.

1. **Data and statistical information**

FCWC with the overarching goal “to ensure the sustainable development of the fisheries resources in the FCWC Convention Area” and its strategic objective to “strengthen cooperative research and ensure that resource-related decisions are based on sound knowledge, scientific methodology and best information available” is responsible to “promote the development of standards for the collection, exchange and reporting of fisheries data”.

Reports on the status of fisheries and their management: FCWC is the focal point for the West Central Gulf of Guinea sub-region and can coordinate the countries submission of fishery information. National inventories of fisheries including as relevant fishing activities, production systems and fisheries management can be structured for uploading and maintained in FIRMS. References to bibliography used to structure and update the inventories will be provided. Fishery reports will be updated by Countries on a routine basis.

Data: Key data for fishing unit identification including species (target and bycatch), fishing area, gear, flag state, and management authorities relevant to fisheries reported to FCWC. Available data from the FCWC regional statistical database can be extracted to feed FIRMS fisheries reports where appropriate, e.g. CPUE, landed value, gross value added. Data will be made available according to FIRMS fisheries inventory protocols and where possible also through automated procedures (e.g. dynamic data feed from FCWC Regional Database).

Socio-economic information: Any other relevant information on fishery sector for the FCWC region including socio-economic information on the fisheries.

Regulations and management: Information on fisheries management: policy framework, management authorities, regulations and legislation under FCWC mandate will be included in FIRMS when available. Information and data on Fishery management units’ will be provided when available.

2. **Metadata and information management**

Methods of collection and processing: The information contributed to FIRMS may result from countries submissions, reports and publications, and statistical yearbooks. For

consistency and efficient streamlining, the FCWC-FIRMS fisheries inventory is aligned with the fishing units defined in the FCWC Regional database (see Table 1). This inventory is very similar to the pre-existing CECAF inventory of fisheries and is to be considered as a possible update of such inventory. Where possible, efforts will be made towards automatically feeding the FCWC-FIRMS fisheries inventory with updated statistical indicators. Annual data calls will be launched each year [month to be proposed by FCWC] by FIRMS Secretariat in close consultation with the FCWC-FIRMS focal point

Ownership and responsibilities: Member Countries retain primary ownership (and control) for the content of the fisheries inventory and retain accordingly primary ownership of national inventories, in line with the protocol for fisheries inventories adopted by CECAF².

The national inventories will be incorporated at sub-regional level according to the FCWC template, harmonized with the CECAF framework. For this, FCWC will therefore ensure, with the support of the FIRMS and CECAF Secretariats, that conventions, reporting norms, and standards are applied consistently with those adopted by CECAF. Under this arrangement, FCWC is delegated by CECAF the corporate ownership of the sub-regional fisheries inventory under a FIRMS Collection entitled “CECAF-FCWC Fisheries Reports” (see Figure 1). This confers to the FCWC-FIRMS focal point the sign-off responsibility for information published in FIRMS under this Collection.

Figure 1. FCWC-FIRMS content ownership and citation

FCWC - FIRMS content ownership and citation

Fisheries and Resources Monitoring System

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Sur FIRMS

Couverture des données dans FIRMS

Rapports des pêcheries du FCWC 2018
Togo Artisanal gillnet exocets and bigeye grunt fishery - coastal zone within 3nm
Pêche artisanale au filet flottant
 Appartient à Fishery Committee of the West Central Gulf of Guinea (FCWC)

Check principles and conditions governing the sharing of information at the **FIRMS Information Management Policy**
<http://www.fao.org/sia-axs3oe.pdf>

Propriétaire de la donnée

Ce document fourni, maintenu et propriété de Fishery Committee of the West Central Gulf of Guinea (FCWC), fait partie de la collection des Rapports des Pêcheries du COPACE-FCWC: Togo.

- EN: Fishery Committee of the West Central Gulf of Guinea (FCWC)
- FR: Comité des Pêches pour le Centre Ouest du Golfe de Guinée (CPCO)

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<http://firms.fao.org/firms/fishery/xxxxx>

Source of Information

Information provided by the FCWC Secretariat and Togo Ministre de l'Agriculture, de l'Elevage et de l'Hydraulique.
 Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla eget imperdiet velit, vel eleifend dui. Curabitur luctus lorem eget pellentesque hendrerit. Donec rutrum sapien vel fringilla aliquet.
 In hac habitasse platea dictumst. Morbi consectetur ante mauris, nec imperdiet justo vestibulum placerat. Nunc nallantecum luctus aliquam. Nam consequat consequat ante sed maximus. Mauris id ...

Further, FCWC will be responsible for all descriptions of itself including all text outlining its responsibilities and accomplishments wherever presented by pages linked to or referenced by FIRMS, or pages developed within FIRMS. This shall be accomplished by establishment of appropriate editorial and ownership security privileges within FIRMS. In cases where an item has joint ownership, FCWC and one of the FIRMS Partners, both entities shall clear indication of ownership on fact sheets.

² Par. 52. Report of the sixth Session of the Scientific Sub-Committee Accra, Ghana, 7–9 September 2011
<http://www.fao.org/docrep/015/i2443b/i2443b.pdf>

Standards to be used in this Partnership Agreement: The information to be contributed by FCWC will conform, where possible, with the Information Management Policy established by the FIRMS Steering Committee, and with the regional conventions agreed upon for fisheries inventories by the CECAF_SSC.

Bibliographical sources: Links to source FCWC reports or other sources will be provided in the Fisheries fact sheets, while relevant bibliographic sources are contained in these reports, and links to source reports provided as far as possible.

3. **Data and information security**

All contributions from FCWC will be in the public domain.

4. **Collaborative institutions**

FCWC is the FIRMS signatory Partner and as such does not include any collaborative institutions. Nevertheless, FCWC works closely in collaboration with the regional organization Fishery Committee for the Eastern Central Atlantic (CECAF).

5. **Additional entitlements**

Beside the participation in FIRMS meetings (FSC and TWG), FCWC staff and FCWC participants will be entitled to participate in workshops or special courses organized by the FIRMS Secretariat (FAO).

When required, this Annex may be revised by mutual consent.

Table 1. List of fisheries reported by FCWC Member Countries

Source: FCWC-FIRMS inventory, 2017 (in progress)

FISHERY: “A Fishery is an activity leading to the harvesting of fish, within the boundaries of a defined area. The fishery concept fundamentally gathers indication of human fishing activity, including from economic, management, biological/environmental and technological viewpoints (FIRMS 2006, modified from FAO glossary of fisheries)”.

A statistical **fishing unit** is a particular type of fishing activity, conducted by a single flag country using a vessel and its major fishing gear.

Statistical Fishing units – validated by FCWC as fisheries for FIRMS	Country
Artisanal purse seine small pelagic fishery - coastal zone within 5nm	Bénin
Artisanal encircling gillnet demersal fish fishery - coastal zone within 5nm	
Artisanal encircling gillnet barracuda and shark fishery - coastal zone within 5nm	
Artisanal beach seine small pelagic fishery - coastal zone within 5nm	
Artisanal gillnet flyingfish fishery - coastal zone within 5nm	
Artisanal net small pelagic fishery - coastal zone within 5nm	
Bottom trawl demersal fish fishery - off 5nm	
Artisanal set gillnet demersal fish fishery - coastal zone within 5nm	
Artisanal handlines and pole and lines demersal fish fishery - coastal zone within 5nm (coral reef)	

Bottom trawl southern pink shrimp fishery - off 5nm	
Industrial sardine fishery - Shelf area Artisanal purse seine fishery - Abidjan, west of Abidjan Artisanal gillnet fishery Artisanal beach seine fishery - west of Abidjan Bottom trawl fishery - Eastern littoral shelf area Lines demersal fishery Bottom trawl southern pink shrimp fishery Foreign pole and line tuna fishery Foreign purse seine tuna fishery Artisanal driftnets fishery	Côte d'Ivoire
Coastal pelagic fishery Industrial purse seine fishery (no industrial purse seiners operate) Semi-industrial purse seine fishery Artisanal purse seine fishery Artisanal set gillnet fishery (not encircling gill nets) Artisanal beach seine fishery Demersal fishery Demersal fish fishery Industrial trawl fishery Semi-industrial trawl fishery Artisanal hook and line fishery Artisanal bottom handlines and pole and lines fishery Artisanal set gillnet fishery Artisanal driftnet tuna and shark fishery Cephalopods fishery Industrial trawl cuttlefish fishery Crustaceans fishery Outrigger trawl fishery Trawl pink shrimp fishery Tuna fishery Pole and line tuna fishery Purse seine tuna fishery	Ghana
Coastal pelagic fishery Artisanal small pelagic fishery Artisanal encircling gillnet fishery Artisanal pure seine fishery	Liberia

<p>Artisanal beach seine fishery</p> <p>Artisanal set gillnet fishery</p> <p>Artisanal hooks and lines fishery</p> <p>Artisanal gillnet fishery</p> <p>Industrial Fisheries</p> <p>Industrial Fin-Fish fishery</p> <p>Industrial shrimp fishery</p>	
<p>Coastal pelagic fishery</p> <p>Artisanal pelagic fish bonga shad and sardinella fishery</p> <p>Demersal fishery</p> <p>Demersal fish fishery</p> <p>Bottom Trawl forktail and scorpionfish fishery</p> <p>Coastal bottom trawl fishery</p> <p>Coastal artisanal fishery</p> <p>Crustaceans fishery</p> <p>Industrial freezer trawlers southern pink shrimp fishery</p> <p>Coastal semi-industrial freezer trawlers shrimp fishery</p> <p>Coastal Artisanal brown guinea shrimp fishery</p> <p>Estuaries artisanal prawn fishery</p> <p>Tuna fishery</p> <p>Offshore water tuna fishery</p>	Nigeria
<p>Artisanal purse seine small pelagic fishery - coastal zone within 3nm</p> <p>Artisanal encircling gillnet small pelagic fishery - coastal zone within 3nm</p> <p>Artisanal encircling gillnet barracuda and shark fishery - coastal zone within 3nm</p> <p>Artisanal beach seine fishery - coastal zone within 3nm</p> <p>Artisanal gillnet exocets and bigeye grunt fishery - coastal zone within 3nm</p> <p>Industrial trawl demersal fish fishery - EEZ off 8nm</p> <p>Swordfish, Shark and Sailfish longline fishery - Togolese waters</p> <p>Bottom trawl southern pink shrimp fishery - EEZ off 8nm</p> <p>Artisanal handlines and pole and lines demersal fish fishery - coastal zone within 3nm</p> <p>Artisanal set gillnet threadfin and drum fishery - coastal zone within 3nm</p>	Togo

Table 2. Regional harmonization of Fishing Units

Source: Report of the final workshop TCP/RAF/3512 "Strengthening routine fisheries data collection in West Africa". Cape hotel, Monrovia, Liberia, 20-24 November 2017.

FCWC Regional database	National database	Country
Beach seine	SP (Senne de Plage)	Benin
Beach seine	ghana_SP	Côte d'Ivoire
Beach seine	Beach seine	Ghana
Beach seine	Senneplage	Togo
Dug out_Gill net	monoxyle_FM	Côte d'Ivoire
Dug out_Hook and Line/longline	monoxyle_PA	Côte d'Ivoire
Dug out_Hook and Line/longline	Kru Hook and line	Liberia
Dug out_Purse seines	monoxyle_ST	Côte d'Ivoire
Ghana type_Gill net	FMCF 2 (Soovi; Tounga; filet à requin; filet à langouste; filet à raie)	Benin
Ghana type_Gill net	FMD (Filet à sardine; Filet à exocet)	Benin
Ghana type_Gill net	ghana_FM	Côte d'Ivoire
Ghana type_Gill net	DRIFT GILLNET	Ghana
Ghana type_Gill net	Fanti Gill nets	Liberia
Ghana type_Gill net	Filet flottant	Togo
Ghana Type_Hook and Line	LI (Ligne et Autres)	Benin
Ghana type_Hook and Line/longline	ghana_PA	Côte d'Ivoire
Ghana type_Others	Ghana boat	Nigeria
Ghana type_Purse seines	ST (Sennetournante)	Benin
Ghana type_Purse seines	ghana_ST	Côte d'Ivoire
Ghana type_Purse seines	APW	Ghana
Ghana type_Purse seines	Sennetournante	Togo
Ghana type_Ring net	Fanti Ring nets	Liberia
Ghana type_Ring net	Kru Ring nets	Liberia
Ghana type_Set net	Fanti Set nets	Liberia
Ghana type_Set net	Kru Set nets	Liberia
Ghana_Gill net	Filet maillant de surface	Togo
Ghana_Hook and Line/longline	Ligne	Togo
GhanaType_Gill net	Filet à requin	Togo
Planked canoe_Hook and Line/longline	Hook and line	Ghana
Planked_Gill net	FMCF 1 (Soovi; Tounga; filet à requin; filet à langouste; filet à raie)	Benin
Planked_Gill net	Kru Gill nets	Liberia
Planked_Gill net	Filet maillant de fond	Togo
Planked_Hook and Line/longline	Kru Trap Line	Liberia
Planked_Other	Planked Canoe	Nigeria
Planked_Set net	SET NET	Ghana