



RESTRUCTURING PAPER

ON A

PROPOSED PROJECT RESTRUCTURING

OF

WEST AFRICA REGIONAL FISHERIES PROGRAM SOP-C1 - MAURITANIA & GUINEA

APPROVED ON MARCH 16, 2015

TO GUINEA AND MAURITANIA

AND

WEST AFRICA REGIONAL FISHERIES PROGRAM ADDITIONAL FINANCING

FROM THE GLOBAL ENVIRONMENT FACILITY (GEF)

APPROVED ON JANUARY 5, 2017

TO GUINEA, LIBERIA, AND SIERRA LEONE

ENVIRONMENT & NATURAL RESOURCES  
AFRICA

Regional Vice President:	Hafez M. H. Ghanem
Country Director:	Rachid Benmessaoud
Senior Global Practice Director:	Karin Erika Kemper
Practice Manager/Manager:	Maria Sarraf
Task Team Leader:	Berengere P. C. Prince, Jingjie Chu, Sachiko Kondo



## ABBREVIATIONS AND ACRONYMS

AF	Additional Financing
CSRP or SRFC	Sub-Regional Fisheries Commission ( <i>Commission Sous Régionale des Pêches</i> )
DLI	Disbursement Linked Indicator
EEP	Eligible Expenditure Program
EEZ	Exclusive Economic Zone
ESMF	Environmental and Social Management Framework
EU	European Union
GEF	Global Environment Facility
GN	Guinea
GRT	Gross Registered Tonnage
IDA	International Development Association
IUU	Illegal, Unreported, and Unregulated
MCS	Monitoring, Control, and Surveillance
MR	Mauritania
MPN	Fish market in Nouakchott ( <i>Marché de poissons en Nouakchott</i> ) in Mauritania
ONISPA	National Office of Sanitary Inspection of Fishery and Aquaculture Products in Mauritania
PAA	Advanced Artisanal Fisheries ( <i>Pêche Artisanal Avancé</i> ) in Guinea
PBC	Performance Based Contract
PDO	Project Development Objective
PIU	Project Implementation Unit
RAP	Resettlement Action Plan
SOE	Statement of Expenditure
SOP	Series of Projects
TAC	Total Allowable Catch
TF	Trust Fund
UNDP	United Nations Development Programme
USD	United States Dollar



**BASIC DATA**

**Product Information**

Project ID P126773	Financing Instrument Investment Project Financing
Original EA Category Partial Assessment (B)	Current EA Category Partial Assessment (B)
Approval Date 16-Mar-2015	Current Closing Date 15-Dec-2020

**Organizations**

Borrower Ministry of Economy and Finance in Guinea, Ministry of Economic Affairs and Development in Mauritania	Responsible Agency Ministère des Pêches, de l'Aquaculture et de l'Economie Maritime, Ministry of Fisheries and Maritime Economy
---	--

**Project Development Objective (PDO)**

Original PDO

The development objective of this first phase of the West Africa Regional Fisheries Program SOP-C (formerly APL-C) is to strengthen governance and management of targeted fisheries and improve handling of landed catch at selected sites.

**Summary Status of Financing**

Ln/Cr/Tf	Approval	Signing	Effectiveness	Closing	Net Commitment	Disbursed	Undisbursed
IDA-D0390	16-Mar-2015	17-Apr-2015	24-Jun-2015	15-Dec-2020	12.00	4.46	7.50
IDA-D0400	16-Mar-2015	14-Apr-2015	30-Nov-2015	15-Dec-2020	10.00	4.91	4.96
TF-19089	16-Mar-2015	17-Apr-2015	17-Apr-2015	15-Dec-2020	7.00	3.31	3.69

**Policy Waiver(s)**

Does this restructuring trigger the need for any policy waiver(s)?

No



There is an additional financing (P156759) attached to this project (P126773), TFA3530 of USD5 million to Guinea, TFA3533 of USD4 million to Sierra Leone, TFA3532 of USD1 million to Liberia. Due to system limitations at the time of this restructuring, the change in cost and reallocation between disbursement categories are not captured in the datasheet and as such have been reproduced on pages 15-18.

## I. PROJECT STATUS AND RATIONALE FOR RESTRUCTURING

1. This paper proposes a restructuring of the West Africa Regional Fisheries Program SOP-C1 - Mauritania & Guinea (P126773) at the request of the respective Governments. In addition, the paper also proposes to amend the description of the disbursement categories in the Additional Financing (AF, P156759) grant agreements from the Global Environment Facility (GEF) in Guinea and Mauritania to make them consistent with the Project Appraisal Document of the original project (P126773).
2. The project is making progress towards achieving the Project Development Objective (PDO). Delays in project implementation have however resulted in a moderately satisfactory development objective rating and a moderately unsatisfactory implementation progress rating. The primary delay in project implementation was caused by an additional social audit, which was required because both Guinea and Mauritania started to implement the Environment and Social Impact Assessment (ESIA) and Resettlement Action Plan (RAP) without the World Bank's review in 2016. The social audits, conducted in 2017, found there was no significant impact and the implementation of related activities subsequently resumed.

### (I) Project status in Guinea and rationale for restructuring

3. On October 5, 2018, the Government of Guinea sent a letter to the World Bank requesting a restructuring of the project for a (1) Change in Components and Cost, which will result in (2) Change in Results Framework, (3) Reallocation between Disbursement Categories and (4) Change in Disbursement Estimates.

### **Component 1. Strengthening Good Governance and Sustainable Management of the Fisheries**

4. Notable results under this component are transparency with the regular publication of fisheries management data including financial data, integration of scientific advice into the preparation of the management plan, compliance with the limitations proposed in the fisheries management plan, and progress in the registration of small-scale fisheries. The government completed registration of industrial vessels with its own financing, thus the project was requested to drop support on registration of industrial vessels and to focus on registration of artisanal boats of small-scale fisheries.
5. It was requested that the project include management of Advanced Artisanal Fisheries (PAA, *Pêche Artisanal Avancé*) because the number of PAA boats has been increasing. The fisheries management law of 2015 defines only two categories: artisanal fisheries (boats without engines) and industrial fisheries. Since then, a new category, PAA, has emerged. The PAA boat is an artisanal fisheries boat with engines, and it is neither regulated under industrial nor artisanal fisheries regulations. The fisheries management plan in Guinea for 2018 introduced this new PAA category following a new legal order approved in December 2017.
6. **Sub-component 1.2.** The project in Guinea focuses more on the small-scale fisheries, because monitoring of fishing capacity in the industry segment has improved without the support of the project. Also, based on lessons learned from other fisheries projects, it would be premature to attempt to control fishing capacity in the artisanal segment at



this stage because canoe registration has to be fully adopted first, and the fishermen must take ownership of the registration. Canoe registration in Guinea started in October 2018. During the massive registration phase, the government identified new canoes to be recorded and eventually registered. This process has to be repeated a few times in order to have full registration. The remaining project period is not enough to foster fishermen's ownership in introducing access management through tight control and the sub-component description will be modified accordingly.

7. **Sub-component 1.3.** The priority in Guinea is to improve the existing management plan which has many gaps, including management of Gross Registered Tonnage (GRT), and regulation of the new PAA category. Introducing limitations using only GRT is a good start but only partially reflects the fishing effort which would be a more relevant measure. Improvement of the existing management plan is a higher priority for Guinea than preparing and implementing a detailed management plan by the fishery. The current activities will be merged with the improved management plan which should describe fishing rights modalities, among other things.
8. **Sub-component 1.6.** Introducing new fisheries management schemes in target fisheries, segments, or communities to align fishing capacity and effort to sustainable catch levels through the preparation and implementation of the fisheries management plans for target species. Part of this activity can be achieved through the review and improvement of the national fisheries management plan in IDA Part A.1 A.3 and GEF Part A.1. This sub-component is proposed to be removed.

### ***Component 2. Reducing Illegal, Unreported, and Unregulated (IUU) Fishing***

9. Indicator targets associated with this component are being exceeded. The number of surveillance patrol days of industrial fishing vessels and artisanal fishing boats has been greater than the target days of each year since the project started implementation (Intermediate indicators 2.2 and 2.3). The satellite-based surveillance systems for industrial fishing vessels by the national fisheries surveillance agency are functional, although the system is old and will need to be upgraded in the near future (Intermediate indicator 2.1).
10. The EU and UNDP financed GoWAMER Project (Governance, marine resources management policies and poverty reduction in the West Africa Marine Eco-Region Project) procured a patrol vessel in 2016 for Guinea. Thus, the government currently does not need more patrol boats and requested to reallocate IDA funds from purchasing a new patrol vessel to the rehabilitation of the community access road towards the fishing village in Koukoude (see below).

### ***Component 3. Increasing Contribution of the Fish Resources to the Local Economy***

11. The main challenge that the project faces is under this component. There is considerable delay in the construction of the Koukoude fishing complex. The RAP was finalized in December 2018 and is now being implemented. The ESIA reports for the landing site and the access road are in the process of finalization. These were delayed for more than a year, owing to the social audit mentioned earlier. Following the Koukoude community's strong demand, the government requested the inclusion of rehabilitating the access road towards the fishing village of Koukoude by reallocating the originally planned project financing for procuring a surveillance patrol vessel. The planned amount for the patrol vessel of USD 2.5 million under Component 2 is almost the same amount needed for the rehabilitation of the access road under Component 3. The fish landing site of Koukoude would be more attractive to the private sector if this 4km access road were to be rehabilitated. It is also the community's highest demand for support. The social assessment has been completed and, according to the final RAP, there will be 49 Project Affected Peoples (PAPs) for the road rehabilitation and 84 PAPs that were identified earlier for the landing site and smoking facility area.



12. The project was supposed to calculate a figure for PDO indicator 5 “Share of marketable volume of fish landed at selected fish landing sites” in Koukoude as a percentage, but this calculation cannot account for changes in marketable volumes. The indicator will be revised from calculating percentage to total actual volume of processing capacity according to improved hygiene conditions in metric tons.
13. Parallel to the construction of the fishing complex, development of fisheries resources co-management has been progressing in the two communities of Koukoude and Bongolon. The other community originally included under the project, Matakang, does not have fisheries as a community priority, thus Matakang will be dropped from the target communities for co-management development. Provision of livelihood transfer grants are planned with financing from GEF in three communities, but this is now being revised to include Koukoude and Bongolon only.
14. Under the AF, financed under GEF TF03530, this component was to develop and adopt fisheries management plans, and implement and monitor them with local communities and user groups, through: (a) facilitating study tours in advanced sites of community fisheries management (b) supporting development and adaptation of the management plans; and (c) implementing and monitoring of the management plans, including cost effective environmental information gathering and environmental education. Within the project time frame, it is not realistic to expect to have community fisheries management plans at the stage of implementing and monitoring of the management plans. The project will focus on the development of community fisheries management plans that will be owned by the communities.
15. During project preparation, all the people working in the fisheries sector in Guinea were estimated to be a part of the direct project beneficiaries. This definition makes it hard to verify if they directly benefited from the project. The calculation will now be based on the potential direct beneficiaries that can be traced.

#### ***Eligible Expenditure Program (EEP) for rewarding performance***

16. The project design includes the use of a Disbursement Linked Indicator (DLI) mechanism to reward performance in order to encourage managing for results, especially in good governance and transparency. The mechanism was supposed to work in a way that the beneficiary institutions would receive incentives under the Eligible Expenditure Program (EEP), comprised of operating costs and short-term training, if they achieve the DLI targets. Beneficiary institutions are (i) The National Direction of Maritime Fisheries (DNPM, *Direction Nationale de la Pêche Maritime*), (ii) The Strategy and Development Office (BSD, *Bureau de stratégie et de développement*), (iii) The National Center for Fisheries Science at Boussoira (CNSHB, *Centre National des Sciences Halieutiques de Boussoira*), and (iv) The National Center for Surveillance and Protection of Fish (CNSP, *Centre National de Surveillance et de Protection des Pêches*). However, the originally introduced DLIs had no causal relation with the EEP. The correct mechanism to reward performance that is linked to achievement of agreed targets would be a Performance Based Contract (PBC). The DLI mechanism was used exceptionally for Year 1 and 2 (see next para) but will be replaced by the PBC mechanism going forward for Years 3, 4 and 5. The evaluation for Year 3 and 4 will be conducted together for both years at the end of Year 4 in November 2019.
17. In terms of target achievement, the third-party verification report confirmed all the DLI indicators for Year 1, and DLI indicators 1, 2, 3 and 5 for Year 2 were achieved. The corresponding amount for achieving these targets was USD245,000 for Year 1 and 2. The amount is planned to be used by the beneficiary institutions for training and operating costs as described in Table 2 below. Under this restructuring, a new Category 5 will be created to implement the PBC mechanism for Years 3, 4 and 5.



Table 1

Indicators	Year1 (USD)	Year2 (USD)	TOTAL Yr 1 and 2 (USD)
DLI1	28,000	28,000	56,000
DLI2	42,000	42,000	84,000
DLI3	28,000	28,000	56,000
DLI4	22,750	0 (not achieved 30,625)	22,750
DLI5	8,750	17,500	26,250
TOTAL achieved amount	129,500	115,500	245,000

Table 2

Directions	Total	Training	Operating Cost
DNPM	68,950	54,000	14,950
BSD	57,750	42,389	15,360
CNSHB	41,388	28,890	12,498
CNSP	76,913	53,839	23,074
TOTAL	245,000	179,118	55,882

**(2) Project status in Mauritania and rationale for restructuring**

18. On June 26, 2018, the Government of Mauritania sent a letter to the World Bank requesting a project restructuring for a (1) Change in Components and Cost, which will result in (2) Change in Results Framework, (3) Reallocation between Disbursement Categories and (4) Change in Disbursement Estimates. The GEF TF19089 Trust Fund was blended with IDA D390 for Mauritania, and this restructuring request applies for both IDA D390 and GEF TF19089.

**Component 1. Strengthening Good Governance and Sustainable Management of the Fisheries**

19. The speed of reforms implementation under this component, including the change in the tax system, has been remarkable. Mauritania thus has a concessional fisheries management tool that promotes sustainability. In addition, the tax reform has improved the sustainability of the financing of the agencies in charge of the management of the sector.

20. Following the public announcement to transform the National Office of Sanitary Inspection of Fishery and Aquaculture Products (ONISPA) from a Public Administration Establishment (EPA, *Etablissement Public Administratif*) to a Public Industrial and Commercial Establishment (EPIC, *Etablissement Public Industriel et Commercial*)<sup>1</sup>, the government requested that the project support the process of organizational reform in ONISPA under its new status. ONISPA will have a broader mandate, new and more demanding standards, and access to services-related resources. More revenues would mean that ONISPA would also be able to contribute to feeding data to the regional dashboard and observatory by better compiling data on the inspected fish products. Data publication is one of the highest priorities of the project, because having transparency by publication of data would contribute to strengthening governance for sustainable fisheries management.

21. Because of the ongoing fisheries management reform, developing fisheries management plans for the individual segments (artisanal, coastal, industrial, etc.), as originally intended, will be integrated in a new management plan (by species). The first such management plan will be for the octopus species and will include all segments mentioned

<sup>1</sup> The EPIC status would allow ONISPA to collect revenues, while under the EPA status it was unable to do so.



above. The target figure of Intermediate indicator 1.5 of “fishing management plans developed” will be revised. The intention is to have fewer but more encompassing fishery management plans. Therefore, the reduction in the indicator target does not mean a reduction in project scope.

22. Following the restructuring, the allocation of secure fishing rights in the small-scale segment in a participatory, transparent, and scientific manner will focus on the octopus fishery. There are two related indicators, PDO indicator 2 and Intermediate indicator 1.8, and these will be restructured to be monitored as one PDO indicator 2.
23. The shrimp management plan will be removed from the Intermediate indicator 1.5, because, going forward, the project will focus on the octopus fishery. In order to develop a shrimp plan, a study on shrimp stock has to be conducted first, using a specific type of gear. The project is financing repairs of the gear, but it has been taking a long time for the research center to procure the necessary equipment. Considering that the stock assessment has not started as of date, the shrimp plan cannot be developed within the remaining project period.

### ***Component 3. Increasing Contribution of the Fish Resources to the Local Economy***

24. Like in Guinea, the main project challenge for Mauritania is under this component. The draft ESIA is in the process of finalization. The RAP has been finalized and already implemented. The government requested to concentrate project investment on the extension of the fish market in Nouakchott (MPN, *Marche de poisson en Nouakchott*). The original project plan had been to work on other landing sites (Tani PK<sup>2</sup>93m, PK'14 and N'Diago) besides MPN. However, because the remaining time and resources are limited, rehabilitation works in Tanit PK93m, PK '14 and N'Diago are being dropped. As of date, there are still no safeguards documents prepared for advancing the improvement of these landing sites.
25. As with Guinea, the Intermediate indicator 3.1 “Integrated fish handling sites operational” is revised to read as “Integrated fish handling sites built” because only the developmental stage can be expected to be achieved by the end of the project. It is expected that the facility will be operational several months after project closure.
26. The project was supposed to calculate PDO indicator 5 “Share of marketable volume of fish landed at selected fish landing sites” in MPN as a percentage, but this calculation cannot reflect changes in marketable volumes. The indicator will be revised from calculating a percentage to measuring total actual volume of processing capacity according to improved hygiene conditions in metric tons.
27. During project preparation, all the people working in the fisheries sector in Mauritania were estimated to be a part of direct project beneficiaries. As in the case of Guinea, it is difficult to verify if they have directly benefited from the project. The new calculation of direct project beneficiaries will include only those that can be traced.

### ***Eligible Expenditure Program (EEP) for rewarding performance***

28. The project design includes the use of a Disbursement Linked Indicator (DLI) mechanism to reward performance in order to encourage managing for results, especially in good governance and transparency. The mechanism was supposed to work in a way that the beneficiary institutions would receive incentives under the Eligible Expenditure Program (EEP), comprised of operating costs and short-term training, if they achieve the DLI targets. Beneficiary institutions are (i) The Direction of Programs and Cooperation (DPC, *Direction de la Programmation et de la*

---

<sup>2</sup> PK stands for “point kilometer” and is a reference to the distance from the capital, Nouakchott.



Coopération), (ii) The Direction of resources and studies improvement (DARE, *Direction de l'Aménagement des Ressources et des Etudes*), (iii) The Direction of exploitation (DGERH, *Direction d'exploitation*), (iv) The Mauritania Coast Guard (GCM, *Gardes Côtes Mauritanie*), (v) The Mauritania Research Institute of Oceanography and Fish (IMROP, *Institut Mauritanien de Recherche Océanographique et sur les Pêches*), (vi) The Marine Commodity Direction (DMM, *Direction de la Marine Marchande*), and (vii) The Ministry's Information Service Division (SI, *Service Informatique du MPEM*). However, the originally introduced DLIs had no causal relation with the EEP. The correct mechanism to reward performance that is linked to achievement of agreed targets would be a Performance Based Contract (PBC). The DLI mechanism was used exceptionally for Year 1 and 2 (see next para) but will be replaced by the PBC mechanism going forward for Years 3, 4 and 5. The evaluation for Year 3 and 4 will be conducted together for both years at the end of Year 4 in June 2019.

29. In terms of target achievement, the third-party verification report confirmed all the DLI indicators for Year 1, and DLI indicators 1 and 4 for Year 2 were achieved. The corresponding amount for achieving these targets was USD187,500 for Years 1 and 2. The amount is planned to be used by the beneficiary institutions for training and operating costs as described in Table 4 below. Under this restructuring, a new Category 5 will be created to implement the PBC mechanism for Years 3, 4, and 5.

Table 3

Indicators	Year1 (USD)	Year2 (USD)	TOTAL Yr 1 and 2 (USD)
DLI1	18,750	18,750	37,500
DLI2	40,000	0 (not achieved 40,000)	40,000
DLI3	50,000	0 (not achieved 50,000)	50,000
DLI4	30,000	30,000	60,000
DLI5	0	0	0
TOTAL achieved amount	138,750	48,750	187,500

Table 4

Directions	Total	Training	Operating Cost
DPC	7,750	6,200	1,550
DARE	26,000	20,800	5,200
DGERH	73,500	58,800	14,700
GCM	27,500	22,000	5,500
IMROP	20,000	16,000	4,000
DMM	11,250	9,000	2,250
SI	21,500	17,200	4,300
TOTAL	187,500	150,000	37,500

## II. DESCRIPTION OF PROPOSED CHANGES

30. Based on the government requests and the background described in the previous section, the following revisions to the project activities are proposed.

### (1) GUINEA IDA D0400



**Changes to the Results Framework:**

31. The PDO indicator 3 “Number of fishing vessels operating in the exclusive economic zones should not exceed the ceiling established for each segment” is being revised to add the PAA, in addition to the artisanal and industrial segments. The cap for PAA is 150.
32. The PDO indicator 5 “Share of marketable volume of fish landed at selected fish landing sites (%)” is being revised “Volume of processing capacity according to improved hygiene conditions (Metric ton)”.
33. The PDO indicator 6 “Direct project beneficiaries” is being revised to include only the potential direct beneficiaries that the PIU can trace and verify.
34. Intermediate indicator 3.1 “Integrated fish handling sites operational” will be revised to read “Integrated fish handling sites built” because only a development stage of Koukoude can be expected by the end of the project. It is anticipated that the facility will be operational several months after the project’s closure.

**Changes in the component/ sub-component description:**

**35. Sub-component 1.2**

**Current:** Strengthening the vessel registration system for accurate assessment and effective control of fishing capacity, including: (a) strengthening of the registration systems for vessels and boats in all segments, to allow for accurate assessment of the fishing capacity within the EEZ; and (b) introducing access management through tight control over fishing capacity.

**Proposed:** Strengthening the vessel registration system for accurate assessment and effective control of fishing capacity, including strengthening of the registration system for boats, to allow for accurate assessment of the fishing capacity within the EEZ (item (b) in the original component description is proposed to be dropped).

**36. Sub-component 1.3**

**Current:** Introducing new fisheries management schemes in target fisheries, segments, or communities to align fishing capacity and effort to sustainable catch levels, including: (a) preparing fisheries management plans for target species; and (b) implementation of fisheries management plans to, *inter alia*: (i) strengthen fishing rights for targeted fisheries in the industrial segment; (ii) introduce secure fishing rights in the artisanal segment in terms of fishing licenses; and (iii) introducing a pilot community co-management process combined with territorial use rights fisheries in selected fishing communities.

**Proposed:** Introducing new fisheries management schemes in target fisheries, segments, or communities to align fishing capacity and effort to sustainable catch levels by improving existing fisheries management plans.

**37. Sub-component 2.2**

**Current:** Developing and implementing surveillance strategies, including: (a) an integrated approach and coordination of fisheries MCS along the value chain; (b) acquisition of surveillance material and related services; and (c) development and dissemination of good operating practices for surveillance and control.

**Proposed:** Developing and implementing surveillance strategies, including: (a) an integrated approach and coordination of fisheries MCS along the value chain; and (b) development and dissemination of good operating practices for surveillance and control (item (b) above is proposed to be dropped).

**Disbursement Linked Indicators (DLIs) mechanism to Performance Based Contract (PBC) mechanism**



38. As discussed in section I, the DLIs mechanism will be replaced by a PBC mechanism. Once the client countries achieve the targets as defined in the DLI/PBC Table in Schedule 3 of the Financing Agreement, PBC funds will be disbursed for recurrent operating costs and for short term training.
39. Annex 3 of this paper shows the DLI/PBC Table in Schedule 3 of the Financing Agreement. The DLIs mechanism was used for the first two years, Year 1 and 2. The non-disbursed amount because of non-achievement of target for Year 2 is reallocated for activities under the same component but under a different category, Category 1. The originally allocated amount under Category 3 for DLIs mechanism for Year 3, 4, and 5 will be reallocated under the new Category 5. Category 5 is for Performance Based Contract (PBC) under Part A.5 of the project for scheduled PBC disbursement set forth in the DLI/PBC Table.
40. Target Indicators and Principles for EEP will not be changed.

#### Targets in Guinea

Target 1: Number of Reliable fisheries management data regularly available (IR Indicator 1.1)

Target 2: Share of fisheries management data published regularly and made publicly accessible (PDO Indicator 1)

Target 3: Number of fishing vessels operating in the exclusive economic zones should not exceed the ceiling established for each segment (PDO Indicator 3)

Target 4: Share of fishing vessels registered (IR Indicator 1.2)

Target 5: Satellite-based surveillance system for industrial fishing vessels by the national fisheries surveillance agency is functional (IR Indicator 2.1)

#### Principles for EEP

Principle 1. Annual Predictability: Funds will be made available in the first quarter of the following project year following successful independent verification;

Principle 2. Eligibility of Expenses: Funds will be used for short-term training according to a pre-approved plan, and for operating cost of services contributing to target achievements;

Principle 3. Repartition Key: Approximately one third of the PBC funds will be used for recurrent operating costs of the pre-selected services, and two thirds for short term training of pre-selected staff from the same services;

Principle 4. Respect of Procedures: Use of PBC funds will be managed by the PIU in compliance with the Bank's fiduciary guidelines;

Principle 5. Two-year Accumulation: Should a Target not be met in a year but is achieved the following year, then the corresponding two tranches of PBC funds can be paid concurrently;

Principle 6. Third Year Redistribution: Should a target not be met after two years, it cannot be transferred for award in the third year; and

Principle 7. Ceiling Amounts: Expenses will be made available to agencies according to a detailed table of distribution, within which the ceiling of amounts cannot be changed.

41. The Project Operation Manual will be updated to describe how the PBC mechanism will be implemented.

## (2) GUINEA GEF TF03530

### 42. Sub-component 1.6

**Current:** Introducing new fisheries management schemes in target fisheries, segments, or communities to align fishing capacity and effort to sustainable catch levels through the preparation and implementation of the fisheries management plans for target species.

**Proposed:** This-subcomponent is proposed to be removed.



**43. Sub-component 3.1**

**Current:** Developing and adopting fisheries management plans, and their implementation and monitoring for the local communities and user groups, through: (a) facilitating study tours in advanced sites of community fisheries management (b) supporting development and adaptation of the management plans; and (c) implementing and monitoring of the management plans, including cost effective environmental information gathering and environmental education.

**Proposed:** Developing and adopting fisheries management plans, and their implementation and monitoring for the local communities and user groups, through: (a) facilitating study tours in advanced sites of community fisheries management; and (b) supporting development and adaptation of the management plans (item (c) above is proposed to be dropped).

**44. Sub-component 3.2**

**Current:** Provision of Livelihood Transfer Grants to selected Livelihood Transfer Grant Beneficiaries in communities to assist them in carrying out livelihood improvement activities.

**Proposed:** No change in the sub-component description, but the budget allocation for this activity is being revised to make it consistent with the revised target. The number of target communities will be reduced from 3 to 2. Therefore, the fund allocation will be reduced by 1/3 within the Category 3 of Livelihood Transfer Grants under Part C.2 of the project.

**(3) Mauritania IDA D0390**

**Changes to the Results Framework:**

45. The PDO indicator 2 “Allocation of secure fishing rights in the small-scale segment in a participatory, transparent, and scientific manner” and the Intermediate indicator 1.8 “Individual quotas in the octopus fishery are allocated in the industrial segments in a participatory, transparent, and scientific manner” will be integrated as one indicator of PDO indicator 2. The new indicator will be read “Individual quotas in octopus are distributed to all the segment in a participatory, transparent and scientific manner- MR (Number)”.

46. The PDO indicator 5 “Share of marketable volume of fish landed at selected fish landing sites (%)” is being revised “Volume of processing capacity according to improved hygiene conditions (Metric ton)”.

47. The PDO indicator 6 “Direct project beneficiaries” is being revised to include only the potential direct beneficiaries that the PIU can trace and verify.

48. Intermediate indicator 1.5 of fishing management plans developed will be revised from 3 to 1, focusing on a revised octopus plan, and dropping a shrimp plan and the fisheries management plan for the artisanal and coastal segment.

49. Intermediate indicator 3.1 “Integrated fish handling sites operational” will be revised to read “Integrated fish handling sites built” because only a development stage of MPN can be expected by the end of the project. It is anticipated that the facility will be operational several months after the project’s closure.

**Changes in the component/ sub-component description:**

**50. Sub-component 1.1**

**Current:** Developing the legal and operational policy framework, and strengthening the institutional capacity for sustainable management of fisheries resources, including: (a) review of relevant national legal and regulatory framework; (b) CSRP led monitoring of initial activities to ensure harmonization of fisheries policies and regulatory frameworks with



those of other countries under the Program including the recruitment and the coordination of the Independent Verifiers; (c) carrying out institutional reforms of the Ministry of Fisheries and Aquaculture and other relevant ministries, departments and agencies responsible for fisheries management policies and functions; and (d) coordinating the implementation the Fisheries strategic vision.

**Proposed:** No change in the project description, but the budget allocation of this activity is revised to include institutional reform at the National Office of Sanitary Inspection of Fishery and Aquaculture Products (ONISPA)..

#### 51. Sub-component 2.2

**Current:** Carrying out management plans and strengthening capacity for fish handling including the developing of a management plan and land use plan for landing sites (*Tanit PK93m, PK '14 and N'Diago*), and demarcation of boundaries of said site.

**Proposed:** The above sites will be replaced with a focus on the fish market in Nouakchott (MPN, Marche de poisson en Nouakchott), because remaining time and resources under the project are limited.

#### Disbursement Linked Indicators (DLIs) mechanism to Performance Based Contract (PBC) mechanism

52. As discussed in section I, the DLIs mechanism will be replaced by a PBC mechanism, because original objective of this mechanism is to reward performance to encourage good governance and transparency. Once the client countries achieve the targets as defined in DLI/PBC Table in Schedule 3 of the financing agreement, PBC funds will be disbursed for recurrent operating costs and for short term training. Among the total allocated amount for PBC, 32% will be disbursed with IDA, and the rest of 68% will be disbursed with GEF.

53. Annex 3 of this paper shows the DLI/PBC Table in Schedule 3 of the Financing Agreement. The DLIs mechanism was used for the first two years. The non-disbursed amount because of non-achievement of target for Year 2 is reallocated for activities under the same component but different category, Category 1. The originally allocated amount under Category 3 for DLIs mechanism for Year 3, 4, and 5 will be reallocated under the new Category 5. Category 5 is for Performance Based Contract (PBC) under Part A.5 of the Project for scheduled PBC disbursement set forth in the DLI/PBC Table.

54. Target Indicators and Principles for EEP will not be changed.

#### Targets in Mauritania

Target 1: Number of Reliable fisheries management data regularly available (IR Indicator 1.1)

Target 2: Share of fisheries management data published regularly and made publicly accessible (PDO Indicator 1)

Target 3: Number of fishing vessels operating in the exclusive economic zones should not exceed the ceiling established for each segment (PDO Indicator 3)

Target 4: Share of fishing vessels registered (IR Indicator 1.2)

Target 5: Annual total allowable catch (TAC) in the octopus fishery is distributed in percentage to artisanal, coastal and industrial segments in a “participatory”, “transparent”, and “scientific manner” (IR Indicator 1.7)

#### Principles for EEP

Principle 1. Annual Predictability: Funds will be made available in the first quarter of the following project year following successful independent verification;

Principle 2. Eligibility of Expenses: Funds will be used for short-term training according to a pre-approved plan, and for operating cost of services contributing to target achievements;

Principle 3. Repartition Key: Approximately one third of the PBC funds will be used for recurrent operating costs of the pre-selected services, and two thirds for short term training of pre-selected staff from the same services;



Principle 4. Respect of Procedures: Use of PBC funds will be managed by the PIU in compliance with the Bank's fiduciary guidelines;

Principle 5. Two-year Accumulation: Should a Target not be met in a year but is achieved the following year, then the corresponding two tranches of PBC funds can be paid concurrently;

Principle 6. Third Year Redistribution: Should a target not be met after two years, it cannot be transferred for award in the third year; and

Principle 7. Ceiling Amounts: Expenses will be made available to agencies according to a detailed table of distribution, within which the ceiling of amounts cannot be changed.

55. The Project Operation Manual will be updated to describe how the PBC mechanism will be implemented.

#### **(4) Mauritania TF19089**

##### **56. Sub-component 1.1**

**Current:** Developing the legal and operational policy framework, and strengthening the institutional capacity for sustainable management of fisheries resources, including: (a) review of relevant national legal and regulatory framework; (b) CSRP led monitoring of initial activities to ensure harmonization of fisheries policies and regulatory frameworks with those of other countries under the Program including the recruitment and the coordination of the Independent Verifiers; (c) carrying out institutional reforms of the Ministry of Fisheries and Aquaculture and other relevant ministries, departments and agencies responsible for fisheries management policies and functions; and (d) coordinating the implementation of the Fisheries strategic vision.

**Proposed:** Developing a legal and operational policy framework, and strengthening the institutional capacity for sustainable management of fisheries resources, including: (a) review of relevant national legal and regulatory framework; (b) CSRP led monitoring of initial activities to ensure harmonization of fisheries policies and regulatory frameworks with those of other countries under the Program including the recruitment and the coordination of the Independent Verifiers; (c) carrying out institutional reforms of the Ministry of Fisheries and Aquaculture and other relevant ministries, departments and agencies responsible for fisheries management policies and functions by changing the status of the National Office of Sanitary Inspection of Fishery and Aquaculture Products (ONISPA); and (d) coordinating the implementation the Fisheries strategic vision.

##### **57. Sub-component 1.3**

**Current:** Introducing new fisheries management schemes in target fisheries, segments, or communities to align fishing capacity and effort to sustainable catch levels, including implementing measures to regulate access to fish resources in the artisanal and coastal segment as envisaged in the pertinent management plan of the segment.

**Proposed:** No change in the description of activities, but target fisheries will be focused on the octopus fishery. The project description is updated to focus on the finalization and adoption of the fisheries management plan for the octopus fishery and to remove the shrimp fishery.

#### **Disbursement Linked Indicators (DLIs) mechanism to Performance Based Contract (PBC) mechanism**

58. As previously discussed, the DLIs mechanism will be replaced with a PBC mechanism, because the original objective of this mechanism is to reward performance to encourage good governance and transparency. Once the client countries achieve the targets as defined in DLI/PBC Table in Schedule 3 of the financing agreement, PBC funds will be disbursed for recurrent operating costs and for short term training. Among the total allocated amount for PBC, 68% will be disbursed with GEF, and the rest of 32% will be disbursed with IDA.

59. Annex 3 of this paper shows the DLI/PBC Table in Schedule 3 of the Financing Agreement. The DLIs mechanism was used for the first two years, Year 1 and 2. The non-disbursed amount because of non-achievement of target for Year



2 is reallocated for activities under the same component but different category, Category 1. The originally allocated amount under Category 3 for DLIs mechanism for Year 3, 4, and 5 will be reallocated under the new Category 5. Category 5 is for Performance Based Contract (PBC) under Part A.5 of the Project for scheduled PBC disbursement set forth in the DLI/PBC Table.

60. Target Indicators and Principles for EEP will not be changed (same as IDA 0390).

61. The Project Operation Manual will be updated to describe how the PBC mechanism will be implemented.

62. Changes in cost and reallocation between disbursement categories are described outside the datasheet, because financing information under the Additional Financing (P156759) are not yet integrated with the parent project (P126773). The proposed changes are described in the below tables.

**Summary of Change in Cost in Guinea (M: millions)**

	IDA D0400		GEF AF TF0A3530		TOTAL	
	Current	Proposed	Current	Proposed	Current	Proposed
Component 1 : Strengthening Good Governance and Sustainable Management of the Fisheries	2.47 M	1.6 M	1.6M	1.7M	4.07M	3.3M
Component 2 : Reducing Illegal, Unreported and Unregulated (IUU) Fishing	3.02 M	1.0 M	0.4M	0.9M	3.42M	1.9M
Component 3 : Increasing Contribution of the Fish Resources to the Local Economy	2.24 M	4.6 M	2.6M	1.9M	4.84M	6.5M
Component 4 : Project Management	2.27 M	2.8 M	0.4M	0.5M	2.67M	3.3M
<b>TOTAL</b>	<b>10 M</b>	<b>10 M</b>	<b>5M</b>	<b>5M</b>	<b>15M</b>	<b>15M</b>

**Change in Financing Agreement of IDA to Guinea IDA D0400**

Category	Percentage of Expenditures to be Financed (inclusive of Taxes)	Amount of the Financing Allocated (expressed in SDR)	
		Planned	Proposed
(1) Goods, works, non-consulting services, consultants' services, Operating Costs and Training for Parts A (except Part A.5), B, C and D.1 of the Project	100%	5,900,000	5,933,500
(2) Goods, works, non-consulting services, consultants' services, Operating Costs and Training for Part D. 2 of the Project	100%	400,000	400,000
(3) Eligible Expenditure Program under Part A.5 of the Project for scheduled DLI disbursement set forth in the DLI/PBC Table <b>(for Year 1 and 2)</b>	100% of DLI value for the pertinent Project Year	500,000	365,283
(4) Refund of Preparation Advance	Amount payable pursuant to Section 2.07 of the General Conditions	300,000	131,455
(5) Eligible Expenditure Program under Part A.5 of the Project for scheduled PBC disbursement set forth in the DLI/PBC Table <b>(new category for Year 3, 4, and 5)</b>	100%	-	269,762



TOTAL		7,100,000	7,100,000
-------	--	-----------	-----------

**Change in Financing Agreement of GEF Additional Financing to Guinea TF0A3530**

Category	Percentage of Expenditures to be Financed (inclusive of Taxes)	Amount of the Financing Allocated (expressed in USD)	
		Planned	Proposed
(1) Goods, non-consulting services, and consultants' services, and Training (except for Parts A.3, C.2, and D.2 of the Project)	100%	3,600,000	3,900,000
(2) Goods, non-consulting services, and consultants' services, and Training under Parts A.3, C.2, and D.2 of the Project	100%	500,000	500,000
(3) Livelihood Transfer Grants under Part C.2 of the Project	100%	900,000	600,000
TOTAL		5,000,000	5,000,000

**Summary of Change in Cost in Mauritania (M: millions)**

	IDA D0390		GEF TF19089		TOTAL	
	Current	Proposed	Current	Proposed	Current	Proposed
Component 1 : Strengthening Good Governance and Sustainable Management of the Fisheries	1.0 M	0.93 M	6.93 M	6.93 M	7.93 M	7.86 M
Component 2 : Reducing Illegal, Unreported and Unregulated (IUU) Fishing	N/A	N/A	N/A	N/A	N/A	N/A
Component 3 : Increasing Contribution of the Fish Resources to the Local Economy	6.87 M	7.02 M	0.07 M	0.07 M	6.94 M	7.09 M
Component 4 : Project Management	4.13 M	4.05 M	0.00 M	0.00 M	4.13 M	4.05 M
TOTAL	12 M	12 M	7 M	7 M	19 M	19 M

**Change in Financing Agreement of IDA to Mauritania IDA D0390**

Category	Percentage of Expenditures to be Financed (inclusive of Taxes)	Amount of the Financing Allocated (expressed in SDR)	
		Planned	Proposed
(1) Goods, works, non-consulting services, consultants' services, Operating Costs and Training for Parts A (except Part A.1 (b) and A.5) of the Project	10%	500,000	682,000
(2) Goods, works, non-consulting services, consultants' services, Operating Costs and Training for Part B and C.1 of the Project	99%	6,570,000	6,998,669
(3) Goods, works, non-consulting services, consultants' services, Operating Costs and Training for Parts A.1(b) and C.2 of the Project	75%	450,000	450,000
(4) Eligible Expenditure Program under Part A.5 of the Project for scheduled DLI disbursement set forth in the DLI/PBC Table ( <i>for Year 1 and 2</i> )	32% of DLI values for the pertinent Project Year	230,000	41,500



(5) Refund of Preparation Advance	Amount payable pursuant to Section 2.07 of the General Conditions	850,000	261,331
(6) Eligible Expenditure Program under Part A.5 of the Project for scheduled PBC disbursement set forth in the DLI/PBC Table ( <i>new category for Year 3, 4, and 5</i> )	32%	-	166,500
<b>TOTAL</b>		<b>8,600,000</b>	<b>8,600,000</b>

**Change in Financing Agreement of GEF to Mauritania GEF TF19089**

Category	Percentage of Expenditures to be Financed (inclusive of Taxes)	Amount of the Financing Allocated (expressed in USD)	
		Planned	Proposed
(1) Goods, works, non-consulting services, consultants' services, Operating Costs and Training for Parts A (except Part A.1 (b) and A.5) of the Project	90%	6,045,000	6,019,500
(2) Goods, works, non-consulting services, consultants' services, Operating Costs and Training for Part B and C.1 of the Project	1%	75,000	75,000
(3) Goods, works, non-consulting services, consultants' services, Operating Costs and Training for Parts A.1(b) and C.2 of the Project	25%	200,000	200,000
(4) Eligible Expenditure Program under Part A.5 of the Project for scheduled DLI disbursement set forth in the DLI/PBC Table ( <i>for Year 1 and 2</i> )	68% of DLI values for the pertinent Project Year	680,000	106,991
(5) Eligible Expenditure Program under Part A.5 of the Project for scheduled PBC disbursement set forth in the DLI/PBC Table ( <i>new category for Year 3, 4, and 5</i> )	68%	-	598,509
<b>TOTAL</b>		<b>7,000,000</b>	<b>7,000,000</b>

**Overall change in cost**

	Guinea		Mauritania		Liberia	Sierra Leone	TOTAL	
	Current	Proposed	Current	Proposed	Current (No Change)	Current (No Change)	Current	Proposed
Component 1 : Strengthening Good Governance and Sustainable Management of the Fisheries	4.07M	3.3M	7.93 M	7.86 M	0.2 M	1.50 M	13.70M	12.86M
Component 2 : Reducing Illegal, Unreported and	3.42M	1.9M	N/A	N/A	0 M	1.22 M	4.64M	3.12M



Unregulated (IUU) Fishing									
Component 3 : Increasing Contribution of the Fish Resources to the Local Economy	4.84M	6.5M	6.94 M	7.09 M	0.6 M	0.83 M	13.21M	15.02M	
Component 4 : Project Management	2.67M	3.3M	4.13 M	4.05 M	0.2 M	0.45 M	7.45M	8.00M	
<b>TOTAL</b>	<b>15M</b>	<b>15M</b>	<b>19 M</b>	<b>19 M</b>	<b>1 M</b>	<b>4 M</b>	<b>39M</b>	<b>39M</b>	

**III. SUMMARY OF CHANGES**

	Changed	Not Changed
Results Framework	✓	
Components and Cost	✓	
Reallocation between Disbursement Categories	✓	
Disbursements Arrangements	✓	
Disbursement Estimates	✓	
Other Change(s)	✓	
Implementing Agency		✓
DDO Status		✓
Project's Development Objectives		✓
Loan Closing Date(s)		✓
Cancellations Proposed		✓
Overall Risk Rating		✓
Safeguard Policies Triggered		✓
EA category		✓
Legal Covenants		✓
Institutional Arrangements		✓
Financial Management		✓
Procurement		✓
Implementation Schedule		✓
Economic and Financial Analysis		✓



Technical Analysis		✓
Social Analysis		✓
Environmental Analysis		✓

**IV. DETAILED CHANGE(S)****COMPONENTS**

Current Component Name	Current Cost (US\$M)	Action	Proposed Component Name	Proposed Cost (US\$M)
Strengthening Good Governance and Sustainable Management of the Fisheries	10.40		Strengthening Good Governance and Sustainable Management of the Fisheries	10.40
Reducing Illegal, Unreported and Unregulated Fishing	3.02		Reducing Illegal, Unreported and Unregulated Fishing	3.02
Increasing Contribution of the Fish Resources to the Local Economy	9.48		Increasing Contribution of the Fish Resources to the Local Economy	9.48
Project Management, Monitoring and Evaluation, and Regional Coordination	7.15		Project Management, Monitoring and Evaluation, and Regional Coordination	7.15
<b>TOTAL</b>	<b>30.05</b>			<b>30.05</b>

**REALLOCATION BETWEEN DISBURSEMENT CATEGORIES**

Current Allocation	Actuals + Committed	Proposed Allocation	Financing % (Type Total)	
			Current	Proposed

IDA-D0390-001 | Currency: XDR

iLap Category Sequence No: 1	Current Expenditure Category: GD,WK,NCS,CS,OC, TR. Pt A ex A1b&A5			
500,000.00	289,542.97	682,000.00	10.00	10.00
iLap Category Sequence No: 2	Current Expenditure Category: GD,WK,NCS,CS,OC,TR.Pt B & C.1			



	6,570,000.00	1,626,069.36	6,998,669.00	99.00	99.00
iLap Category Sequence No: 3			Current Expenditure Category: GD,WK,NCS,CS,OC,TR.Pt A1b & C2		
	450,000.00	397,645.08	450,000.00	75.00	75.00
iLap Category Sequence No: 4			Current Expenditure Category: Eligib Exp. Pgm Pt A5 per DLI Table		
	230,000.00	0.00	41,500.00	32.00	32.00
iLap Category Sequence No: 5			Current Expenditure Category: PPF REFINANCING		
	850,000.00	261,330.53	261,331.00		100
iLap Category Sequence No: 6			Current Expenditure Category: Eligib Exp. Pgm Pt A5 for PBC		
	0.00	0.00	166,500.00		100
<b>Total</b>	<b>8,600,000.00</b>	<b>2,574,587.94</b>	<b>8,600,000.00</b>		

IDA-D0400-001 | Currency: XDR

iLap Category Sequence No: 1			Current Expenditure Category: GD,WK,N/CS,OC, TR. Pt A, B, C, D.1		
	5,900,000.00	2,400,602.07	5,933,500.00	100.00	100.00
iLap Category Sequence No: 2			Current Expenditure Category: GD,WK,NCS,CS,OC,TR.Pt D.2		
	400,000.00	387,807.19	400,000.00	100.00	100.00
iLap Category Sequence No: 3			Current Expenditure Category: Eligib Exp. Pgm Pt A5 per DLI Table		
	500,000.00	230,237.62	365,283.00	100.00	100.00
iLap Category Sequence No: 4			Current Expenditure Category: PPF REFINANCING		
	300,000.00	131,455.00	131,455.00		100



iLap Category Sequence No: 5

Current Expenditure Category: Eligib Exp. Pgm Pt A5 for PBC

0.00

0.00

269,762.00

100

**Total**

**7,100,000.00**

**3,150,101.88**

**7,100,000.00**

**DISBURSEMENT ESTIMATES**

Change in Disbursement Estimates

Yes

<b>Year</b>	<b>Current</b>	<b>Proposed</b>
2015	0.00	0.00
2016	2,600,000.00	1,600,000.00
2017	5,500,000.00	4,500,000.00
2018	6,500,000.00	4,500,000.00
2019	7,400,000.00	6,400,000.00
2020	0.00	3,000,000.00
2021	0.00	2,000,000.00



**Results framework**

**COUNTRY: Western Africa**

**West Africa Regional Fisheries Program in Mauritania, Guinea, Liberia, and Sierra Leone**

**Project Development Objectives(s)**

The development objective of this first phase of the West Africa Regional Fisheries Program SOP-C (formerly APL-C) is to strengthen governance and management of targeted fisheries and improve handling of landed catch at selected sites.

**Project Development Objective Indicators by Objectives/ Outcomes**

<b>Indicator Name</b>	<b>DLI</b>	<b>Baseline</b>	<b>End Target</b>
<b>Strengthen governance &amp; mgmt of targeted fisheries and improve handling of landed catch at sltd site</b>			
Share of fisheries management data published regularly and made publicly accessible - GN (Percentage)		0.00	83.00
<i>Action: This indicator has been Revised</i>	<i>Rationale: This indicator is revised from DLI indicator to PBC target.</i>		
Share of fisheries management data published regularly and made publicly accessible - MR (Percentage)		0.00	83.00
<i>Action: This indicator has been Marked for Deletion</i>	<i>Rationale: This indicator is revised from DLI indicator to PBC target.</i>		
Share of fisheries management data published regularly and made publicly accessible - MR (Percentage)		0.00	83.00
<i>Action: This indicator is New</i>	<i>Rationale:</i>		



Indicator Name	DLI	Baseline	End Target
<i>This is not a new indicator, but removed from under GN, because these indicators will be monitored separately for each country in GN and MR.</i>			
Number of fishing vessels operating in the exclusive economic zones should not exceed the ceiling established for each segment (disaggregated by country and by segment) - GN (Yes/No)	Yes		Yes
<b>Action: This indicator has been Revised</b>	<b>Rationale:</b> <i>A ceiling of 150 for Advanced Artisanal Fisheries (PAA, Pêche Artisanal Avancé) segment is added, besides Industrial segment's ceiling of 85 and Artisanal segment's ceiling of 10,000.</i>		
Number of fishing vessels operating in the exclusive economic zones should not exceed the ceiling established for each segment (disaggregated by country and by segment) - MR (Yes/No)	Yes		Yes
<b>Action: This indicator has been Marked for Deletion</b>			
Number of fishing vessels operating in the exclusive economic zones should not exceed the ceiling established for each segment - MR (Yes/No)	Yes		Yes
<b>Action: This indicator has been Revised</b>	<b>Rationale:</b> <i>Six months licensing will be calculated 0.5.</i> <i>Definition of each segment will be aligned with the government definition.</i>		
Individual quotas in octopus are distributed to all the segment in a participatory, transparent and scientific manner - MR (Number)	0.00		3.00
<b>Action: This indicator has been Revised</b>	<b>Rationale:</b>		



Indicator Name	DLI	Baseline	End Target
<i>Intermediate Results Indicator 1.8 is upgraded to be here as PDO indicator 2.</i>			
Share of fishing vessels inspected by the national fisheries surveillance agency for compliance with national regulations - GN (Percentage)		25.00	80.00
Share of fisheries management data published regularly and made publicly accessible - MR (Percentage)		0.00	83.00
Volume processing capacity according to improved hygiene condition - GN (Metric ton)		0.00	30.00
<i>Action: This indicator has been Revised</i>	<i>Rationale: It is hard to collect total volume and calculate volume processed. The indicator is revised from calculating percentage to total volume of processing capacity.</i>		
Share of marketable volume of fish landed at selected fish landing sites - MR (Percentage)		0.00	90.00
<i>Action: This indicator has been Marked for Deletion</i>			
Volume processing capacity according to improved hygiene condition - MR (Metric ton)		0.00	30.00
<i>Action: This indicator is New</i>			
Share of marketable volume of fish landed at selected fish landing sites - MR (Percentage)		0.00	90.00
<i>Action: This indicator has been Marked for Deletion</i>			
Direct project beneficiaries (Number)		0.00	82,000.00
<i>Action: This indicator has been Revised</i>			



Indicator Name	DLI	Baseline	End Target
Female beneficiaries (Percentage)		0.00	45.00
<i>Action: This indicator has been Marked for Deletion</i>		<i>Rationale: The indicator is monitored by each country, not as a combined figure.</i>	
Female beneficiaries - MR (Percentage)		0.00	30.00
Female Beneficiaries - GN (Percentage)		0.00	9.00
<i>Action: This indicator has been Revised</i>		<i>Rationale: Because most of fishermen are men, percentage for female beneficiaries will not be able to be high. The final target by the end of the project will be around 29,250 male and 2,830 female. This will be around 9% of female beneficiaries.</i>	
Direct project beneficiaries - MR (Number)		0.00	50,000.00
<i>Action: This indicator has been Revised</i>			
Direct project beneficiaries - GN (Number)		0.00	32,000.00
<i>Action: This indicator has been Revised</i>			

**Intermediate Results Indicators by Components**

Indicator Name	DLI	Baseline	End Target
<b>Strengthening Good Governance and Sustainable Management of the Fisheries</b>			
Reliable fisheries management data regularly available - GN (Number)		0.00	5.00



Indicator Name	DLI	Baseline	End Target
Reliable fisheries management data regularly available - MR (Number)		5.00	13.00
<b>Action: This indicator has been Marked for Deletion</b>			
Reliable fisheries management data regularly available - MR (Number)		0.00	13.00
<b>Action: This indicator is New</b>			
Share of fishing vessels registered (disaggregated by country and by segment) - GN (Percentage)		0.00	100.00
Share of fishing vessels registered (disaggregated by country and by segment) - MR (Percentage)		0.00	90.00
<b>Action: This indicator has been Marked for Deletion</b>			
Share of fishing vessels registered (disaggregated by country and by segment) - MR (Percentage)		0.00	90.00
<b>Action: This indicator is New</b>	<p><b>Rationale:</b>  <i>This is not a new indicator, but removed from under GN, because these indicators will be monitored separately for each country in GN and MR.</i>  <i>Currently there is no figure for artisanal segment, because canoe registration is on-going. Percentage for industrial segment is 100%.</i></p>		
Proposal for institutional and functional reform submitted to Cabinet by Ministry of Fisheries - MR (Yes/No)		No	Yes
Revised appropriate regulations integrating (i) access management and (ii) secure fishing rights submitted to Cabinet by Ministry of Fisheries - MR (Yes/No)		No	Yes
Fisheries management plans developed - GN (Number)		0.00	1.00



Indicator Name	DLI	Baseline	End Target
Fisheries management plans developed - MR (Number)		0.00	3.00
<b>Action: This indicator has been Marked for Deletion</b>			
Fisheries management plans developed - MR (Number)		0.00	1.00
<b>Action: This indicator is New</b>			
<b>Rationale:</b> <i>Shrimp plan is not any more priority, thus it is dropped.</i> <i>Octopus plan will include artisanal and coastal segments.</i>			
Fisheries management data incorporated in the regional dashboard - GN (Number)		0.00	5.00
Fisheries management data incorporated in the regional dashboard - MR (Number)		0.00	9.00
Annual total allowable catch (TAC) in the octopus fishery is distributed in percentage to artisanal, coastal and industrial segments in a participatory, transparent, and scientific manner - MR (Percentage)		0.00	3.00
<b>Action: This indicator has been Marked for Deletion</b>			
<b>Rationale:</b> <i>This will be linked with PDO indicator 2.</i>			
Individual quotas in the octopus fishery are allocated in the industrial segments in a participatory, transparent, and scientific manner - MR (Percentage)		0.00	3.00
<b>Action: This indicator has been Revised</b>			
Monitoring, evaluation and surveillance reports of project activity implementation by an organization are regularly published - MR (Yes/No)		No	Yes



Indicator Name	DLI	Baseline	End Target
<b>Reducing Illegal, Unreported and Unregulated Fishing</b>			
Satellite-based surveillance system for industrial fishing vessels by the national fisheries surveillance agency is functional - GN (Hours)		8.00	24.00
Surveillance patrol of industrial fishing vessels (number of days per year) - GN (Days)		80.00	200.00
Surveillance patrol of artisanal fishing boats - GN (Number)		0.00	96.00
<b>Increasing Contribution of the Fish Resources to the Local Economy (Action: This Component has been Revised)</b>			
Integrated fish handling sites built - GN (Number)		0.00	1.00
<b>Action: This indicator has been Revised</b>			
Integrated fish handling sites operational - MR (Number)		0.00	1.00
<b>Action: This indicator has been Marked for Deletion</b>			
Integrated fish handling sites built - MR (Number)		0.00	1.00
<b>Action: This indicator is New</b>			

**Disbursement Linked Indicators Matrix**

<b>DLI 1</b>	Number of reliable fisheries management data regularly available - MR			
<b>Type of DLI</b>	<b>Scalability</b>	<b>Unit of Measure</b>	<b>Total Allocated Amount (USD)</b>	<b>As % of Total Financing Amount</b>
Intermediate Outcome	Yes	Percentage	150,000.00	0.00
<b>Period</b>	<b>Value</b>		<b>Allocated Amount (USD)</b>	<b>Formula</b>



Baseline	0.00		
December 2018	46.00	18,750.00	Year 1 (6/13)
	54.00	18,750.00	Year 2 (7/13)
	77.00	56,250.00	Year 3 (10/13)
	84.00	37,500.00	Year 4 (12/13)
	84.00	18,750.00	Year 5 (13/13)
		0.00	

*Action: This DLI has been Revised. See below.*

<b>DLI 1</b>		<i>Number of reliable fisheries management data regularly available - MR</i>		
<i>Type of DLI</i>	<i>Scalability</i>	<i>Unit of Measure</i>	<i>Total Allocated Amount (USD)</i>	<i>As % of Total Financing Amount</i>
<i>Intermediate Outcome</i>	Yes	Percentage	37,500.00	0.00
<i>Period</i>	<i>Value</i>		<i>Allocated Amount (USD)</i>	<i>Formula</i>
<i>Baseline</i>	0.00			
<i>December 2018</i>			18,750.00	Year 1 (6/13)
			18,750.00	Year 2 (7/13)
			0.00	
			0.00	



			0.00	
			0.00	
<b>DLI 2</b>	Share of fisheries management data published regularly and made publicly accessible- MR			
<b>Type of DLI</b>	<b>Scalability</b>	<b>Unit of Measure</b>	<b>Total Allocated Amount (USD)</b>	<b>As % of Total Financing Amount</b>
Outcome	Yes	Percentage	200,000.00	0.00
<b>Period</b>	<b>Value</b>		<b>Allocated Amount (USD)</b>	<b>Formula</b>
Baseline	0.00			
December 2018			40,000.00	Year 1, 16%
			40,000.00	Year 2, 33%
			40,000.00	Year 3, 50%
			40,000.00	Year 4, 66%
			40,000.00	Year 5, 83%
			0.00	
<i>Action: This DLI has been Revised. See below.</i>				



<b>DLI 2</b>				
<i>Share of fisheries management data published regularly and made publicly accessible- MR</i>				
<i>Type of DLI</i>	<i>Scalability</i>	<i>Unit of Measure</i>	<i>Total Allocated Amount (USD)</i>	<i>As % of Total Financing Amount</i>
<i>Outcome</i>	<i>Yes</i>	<i>Percentage</i>	<i>40,000.00</i>	<i>0.00</i>
<i>Period</i>	<i>Value</i>		<i>Allocated Amount (USD)</i>	<i>Formula</i>
<i>Baseline</i>	<i>0.00</i>			
<i>December 2018</i>			<i>40,000.00</i>	<i>Year 1, 16%</i>
			<i>0.00</i>	<i>Year 2, 33%</i>
			<i>0.00</i>	
<b>DLI 3</b>				
<i>Number of fishing vessels operating in the exclusive economic zones should not exceed the ceiling established for each segment - MR</i>				
<i>Type of DLI</i>	<i>Scalability</i>	<i>Unit of Measure</i>	<i>Total Allocated Amount (USD)</i>	<i>As % of Total Financing Amount</i>
<i>Outcome</i>	<i>Yes</i>	<i>Yes/No</i>	<i>250,000.00</i>	<i>0.00</i>
<i>Period</i>	<i>Value</i>		<i>Allocated Amount (USD)</i>	<i>Formula</i>
<i>Baseline</i>	<i>Yes</i>			



December 2018		50,000.00	Year 1, <7661, <261, <245
		50,000.00	Year 2, <7661, <261, <245
		50,000.00	Year 3, <7661, <261, <245
		50,000.00	Year 4, <7661, <261, <245
		50,000.00	Year 5, <7661, <261, <245
		0.00	

*Action: This DLI has been Revised. See below.*

<b>DLI 3</b>	<i>Number of fishing vessels operating in the exclusive economic zones should not exceed the ceiling established for each segment - MR</i>			
<b>Type of DLI</b>	<b>Scalability</b>	<b>Unit of Measure</b>	<b>Total Allocated Amount (USD)</b>	<b>As % of Total Financing Amount</b>
<i>Outcome</i>	Yes	Yes/No	100,000.00	0.00
<b>Period</b>	<b>Value</b>		<b>Allocated Amount (USD)</b>	<b>Formula</b>
<i>Baseline</i>	Yes			
<i>December 2018</i>			50,000.00	Year 1, <7661, <261, <245
			50,000.00	Year 2, <7661, <261, <245
			0.00	
			0.00	



			0.00	
			0.00	
<b>DLI 4</b>	Share of fishing vessels registered - MR			
<b>Type of DLI</b>	<b>Scalability</b>	<b>Unit of Measure</b>	<b>Total Allocated Amount (USD)</b>	<b>As % of Total Financing Amount</b>
Outcome	Yes	Percentage	150,000.00	0.00
<b>Period</b>	<b>Value</b>		<b>Allocated Amount (USD)</b>	<b>Formula</b>
Baseline	0.00			
December 2018			150,000.00	
<i>Action: This DLI has been Marked for Deletion</i>	<i>Rationale:&lt;p&gt;It was planned to be applicable only from Year 3,&amp;nbsp;thus it is deleted here, because&amp;nbsp;DLI is replace to be PBC from Year 3.&lt;/p&gt;</i>			
<b>DLI 5</b>	Annual TAC in teh octopus fisherisee is distributed in percentage to artisanal, coastal and industrial segments in a participatory transparent and scientific manner - MR			
<b>Type of DLI</b>	<b>Scalability</b>	<b>Unit of Measure</b>	<b>Total Allocated Amount (USD)</b>	<b>As % of Total Financing Amount</b>
Outcome	Yes	Number	250,000.00	0.00
<b>Period</b>	<b>Value</b>		<b>Allocated Amount (USD)</b>	<b>Formula</b>
Baseline	0.00			
December 2018	0.00		0.00	Year 1



	0.00	0.00	Year 2
	1.00	83,334.00	Year 3
	2.00	83,333.00	Year 4
	3.00	83,333.00	Year 5
		0.00	
<b>Action: This DLI has been Marked for Deletion</b>	<b>Rationale:</b> <i>It was planned to be applicable only from Year 3, thus it is deleted here, because DLI is replace to be PBC from Year 3.</i>		

**Verification Protocol Table: Disbursement Linked Indicators**

<b>DLI 1</b>	Number of reliable fisheries management data regularly available - MR
<b>Description</b>	
<b>Data source/ Agency</b>	
<b>Verification Entity</b>	
<b>Procedure</b>	
<b>DLI 1</b>	Number of reliable fisheries management data regularly available - MR
<b>Description</b>	
<b>Data source/ Agency</b>	
<b>Verification Entity</b>	



<b>Procedure</b>	
<b>DLI 2</b>	Share of fisheries management data published regularly and made publicly accessible- MR
<b>Description</b>	
<b>Data source/ Agency</b>	
<b>Verification Entity</b>	
<b>Procedure</b>	
<b>DLI 2</b>	Share of fisheries management data published regularly and made publicly accessible- MR
<b>Description</b>	
<b>Data source/ Agency</b>	
<b>Verification Entity</b>	
<b>Procedure</b>	
<b>DLI 3</b>	Number of fishing vessels operating in the exclusive economic zones should not exceed the ceiling established for each segment - MR
<b>Description</b>	MR: Artisanal, coastal and industrial segments were 7392, 237, and 135 respectively as of March 2018, which is lower than the ceilings of 7661, 420, and 245.
<b>Data source/ Agency</b>	
<b>Verification Entity</b>	
<b>Procedure</b>	
<b>DLI 3</b>	Number of fishing vessels operating in the exclusive economic zones should not exceed the ceiling established for each segment - MR
<b>Description</b>	MR: Artisanal, coastal and industrial segments were 7392, 237, and 135 respectively as of March 2018, which is lower than the ceilings of 7661, 420, and 245.



<b>Data source/ Agency</b>	
<b>Verification Entity</b>	
<b>Procedure</b>	
<b>DLI 4</b>	Share of fishing vessels registered - MR
<b>Description</b>	
<b>Data source/ Agency</b>	
<b>Verification Entity</b>	
<b>Procedure</b>	
<b>DLI 5</b>	Annual TAC in teh octopus fisheriere is distributed in percentage to artisanal, coastal and industrial segments in a participatory transparent and scientific manner - MR
<b>Description</b>	
<b>Data source/ Agency</b>	
<b>Verification Entity</b>	
<b>Procedure</b>	



Annex 1 Change of Schedule 3

SCHEDULE 3  
Disbursement Linked Indicators (DLIs) and Target indicators of Performance Based Contract (PBC)  
DLI/PBC Table

[Guinea GRANT NUMBER D040-GN]

Target 1: Number of Reliable fisheries management data regularly available						
Year	Year 1	Year 2	Year 3	Year 4	Year 5	Total (SDR)
<b>Target</b>	1 out of 6 types of fisheries data are made available	2 out of 6 types of fisheries data are made available	3 out of 6 types of fisheries data are made available	4 out of 6 types of fisheries data are made available	5 out of 6 types of fisheries data are made available	N/A
<b>Disbursed as DLI Value (SDR)</b>	20,000	20,000				<b>40,000</b>
<b>Allocated for Performance Based Contract (PBC) Value (SDR)</b>			20,000	20,000	20,000	<b>60,000</b>
<b>Description of Achievement</b>	<p>The achievement of the target will be measured by assessing the number of reliable fisheries data that is made available.</p> <p>The types of fisheries data that will be made available include:</p> <ol style="list-style-type: none"> <li>1. list of valid fishing licenses from all segments (monthly)</li> <li>2. list of infractions in artisanal and coastal segments (annually)</li> <li>3. list of infractions in industrial segment (monthly)</li> <li>4. fees from licenses (every trimester)</li> <li>5. fees collected under fishing agreements (annually)</li> <li>6. fees from infractions (annually)</li> </ol> <p>The target is not scalable</p>					
<b>Verification Protocol</b>	<p>Verification: The achievement of target will be verified on an annual basis by the Independent Verifiers referred to in Section II.C.1 of Schedule 2 to this Agreement.</p> <p>Data source: The independent entity will verify the achievement of this target by reviewing the annual report of the <i>Observatoire National des Pêches</i> (ONP) to assess whether the fisheries data was made available.</p> <p>Procedure: The methodology used to assess the availability is a simple count of the number of the six types of data that are available.</p>					



<b>Target 2: Share of fisheries management data published regularly and made publicly accessible</b>						
<b>Year</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Total (SDR)</b>
<b>Target</b>	16% of fisheries management data published regularly and made publicly accessible	33% of fisheries management data published regularly and made publicly accessible	50% of fisheries management data published regularly and made publicly accessible	66% of fisheries management data published regularly and made publicly accessible	83% of fisheries management data published regularly and made publicly accessible	N/A
<b>Disbursed as DLI Value (SDR)</b>	30,000	30,000				<b>60,000</b>
<b>Allocated for Performance Based Contract (PBC) Value (SDR)</b>			30,000	30,000	30,000	<b>90,000</b>
<b>Description of Achievement</b>	<p>The achievement of the target will be measured by the availability of fisheries management data made publicly accessible so as to improve transparency in the governance of fisheries.</p> <p>Six variable constitute the kinds of fisheries management data that is expected to be made accessible:</p> <ol style="list-style-type: none"> <li>1. list of valid vessel licenses in industrial segment (monthly)</li> <li>2. list of artisanal fishing boats (annually)</li> <li>3. list of infractions in industrial segment (monthly)</li> <li>4. fees from licenses (every trimester)</li> <li>5. fees collected under fishing agreements (annually)</li> <li>6. fees from infractions (annually)</li> </ol> <p>The target is not scalable</p>					
<b>Verification Protocol</b>	<p>Verification: The achievement of target will be verified on an annual basis by the Independent Verifiers referred to in Section II.C.1 of Schedule 2 to this Agreement.</p> <p>Data source: The information will be available in the annual statistical reports of the Observatoire National des Pêches (ONP) as well as in the accounts from the agency responsible for fisheries revenue management in the Ministry of Finance.</p> <p>Procedure: The methodology to compute the target value is as follows: Calculation by division of number of accessible fisheries management variables in annual equivalent by defined total number of variables (6) x 100. For example, each monthly data will be recorded by 1/12. If this variable is published monthly during the year, its value will be 1. If this variable is published regularly for 6 months, its value will be 0.5.</p>					



<b>Target 3: Number of fishing vessels operating in the exclusive economic zones should not exceed the ceiling established for each segment</b>						
<b>Year</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Total (SDR)</b>
<b>Target</b>	“Yes”: number does not exceed the ceiling of 10,000 artisanal vessels (expressed in normalized value), and 85 industrial vessels	“Yes”: number does not exceed the ceiling of 10,000 artisanal vessels (expressed in normalized value), and 85 industrial vessels	“Yes”: number does not exceed the ceiling of 10,000 artisanal vessels (expressed in normalized value), and 85 industrial vessels	“Yes”: number does not exceed the ceiling of 10,000 artisanal vessels (derived from the register), and 85 industrial vessels	“Yes”: number does not exceed the ceiling of 10,000 artisanal vessels (derived from the register), and 85 industrial vessels	N/A
<b>Disbursed as DLI Value (SDR)</b>	20,000	20,000				<b>40,000</b>
<b>Allocated for Performance Based Contract (PBC) Value (SDR)</b>			20,000	20,000	20,000	<b>60,000</b>
<b>Description of Achievement</b>	<p>This is a proxy measure of the fishing capacity with the intent that the number of vessels should not increase so as to curb the trend of resource degradation.</p> <p>The number of fishing vessels includes foreign vessels.</p> <p>In the industrial segment, the number of vessel is measured with reference to the number of fishing licenses in annual equivalent.</p> <p>In the artisanal segment, measurement of the number of vessels will be based on the census in year 1; on the basis of the census update in years 2 and 3 and then on the basis the number of registered vessels in years 4 and 5.</p> <p>The indicator will be considered achieved (= “Yes”) if the fleet capacity is at or below the following values:</p> <ul style="list-style-type: none"> <li>• In year 1, 2, and 3, a normalized value 10,000 reflecting the combined capacity of artisanal vessels of small and large model will be used. In year 4 and 5, the ceiling will be derived from registered artisanal vessels.</li> <li>• A maximum number of 85 industrial vessels having licenses as per the DNPM</li> </ul> <p>The target is not scalable</p>					
<b>Verification Protocol</b>	<p>Verification: The achievement of target will be verified on an annual basis by the Independent Verifiers referred to in Section II.C.1 of Schedule 2 to this Agreement.</p> <p>Data source: The information will be made available in the annual report of the <i>Direction Nationale de la Pêche Maritime</i> (DNPM) as part of the annual reporting of the Ministry of Fisheries and Aquaculture.</p>					



	Procedure: The indicator will be considered achieved (= “Yes”) if the fleet capacity is at or below a normative value to 1,000 artisanal vessels, and 85 industrial vessels.
--	--

<b>Target 4: Share of fishing vessels registered (IR Indicator 1.2)</b>						
<b>Year</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Total (SDR)</b>
<b>Target</b>	100% of Industrial, and 0% of Artisanal fleet is registered	100% of Industrial, and 30% of Artisanal fleet is registered	100% of Industrial, and 80% of Artisanal fleet is registered	100% of Industrial, and 100% of Artisanal fleet is registered	100% of Industrial, and 100% of Artisanal fleet is registered	N/A
<b>Disbursed as DLI Value (SDR)</b>	16,200	0 (22,000 was allocated initially but not achieved)				<b>16,200</b>
<b>Allocated for Performance Based Contract (PBC) Value (SDR)</b>			33,000	16,200	12,500	<b>62,700</b>
<b>Description of Achievement</b>	<p>The achievement of target will be measured by verifying the percentage of registered vessels in industrial and artisanal segments of the fishing fleet.</p> <p>In the artisanal segment, a census of the artisanal segment will be necessary to calculate this indicator in the first year. In the subsequent years the percentage will be calculated by administrative updating and on site verification at the landing sites.</p> <p>The target is not scalable</p>					
<b>Verification Protocol</b>	<p>Verification: The achievement of target will be verified on an annual basis by the Independent Verifiers referred to in Section II.C.1 of Schedule 2 to this Agreement.</p> <p>Data source: In the industrial segment, the registration of vessels can be verified at the registry of the <i>Agence de Navigation Maritime (ANAM)</i>. The registration of the artisanal vessels can be verified at the <i>Centre National des Sciences Halieutiques de Boussoura (CNSHB)</i>.</p> <p>Procedure: The target will be considered achieved if the percentage of registered vessels is at or above the targeted percentage values</p>					



<b>Target 5: Satellite-based surveillance system for industrial fishing vessels by the national fisheries surveillance agency is functional</b>						
<b>Year</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Total (SDR)</b>
<b>Target</b>	Surveillance system is functional 10 hours per day	Surveillance system is functional 14 hours per day	Surveillance system is functional 16 hours per day	Surveillance system is functional 20 hours per day	Surveillance system is functional 24 hours per day	N/A
<b>Disbursed as DLI Value (SDR)</b>	6,300	0 (12,500 was allocated initially but not achieved)				<b>6,300</b>
<b>Allocated for Performance Based Contract (PBC) Value (SDR)</b>			6,300	12,500	12,500	<b>31,300</b>
<b>Description of Achievement</b>	<p>This indicator is about ensuring that the surveillance system is functioning, so that informed surveillance action can be made. The goal is to bring the national surveillance center operational 24 hours per day by end of project.</p> <p>The target is not scalable</p>					
<b>Verification Protocol</b>	<p>Verification: The achievement of target will be verified on an annual basis by the Independent Verifiers referred to in Section II.C.1 of Schedule 2 to this Agreement.</p> <p>Data source: Daily reports from surveillance patrol, available at the Centre National de Surveillance et de Protection des Pêches (CNSP).</p> <p>Procedure: The methodology used is the count of total number of hours of surveillance (on the sea, on land and from the air) in a year divided by 365. The value is calculated annually.</p>					



**SCHEDULE 3**

**Disbursement Linked Indicators (DLIs) and Target indicators of Performance Based Contract (PBC)  
DLI/PBC Table**

**[Mauritania GRANT NUMBER D0390-MR]**

<b>Target 1: Number of Reliable fisheries management data regularly available (IR Indicator 1.1)</b>						
	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Total (SDR)</b>
<b>Target</b>	6 out of 13 variables are made available	7 out of 13 variables are made available	10 out of 13 variables are made available	12 out of 13 variables are made available	13 out of 13 variables are made available	N/A
<b>Disbursed as DLI Value (SDR)</b>	3,750	3,750				<b>7,500</b>
<b>Allocated for Performance Based Contract (PBC) Value (SDR)</b>			11,250	7,500	3,750	<b>22,500</b>
<b>Description of Achievement</b>	<p>The achievement of target will be measured by assessing the degree of reliable fisheries data that are made available. The fisheries variables that will be made available include:</p> <ol style="list-style-type: none"> <li>1 List of valid fishing licenses from all segments (monthly)</li> <li>2 List of infractions in artisanal and coastal segments (annually)</li> <li>3 List of infractions in industrial segment (monthly)</li> <li>4 Fees from licenses (every trimester)</li> <li>5 Fees collected under fishing agreements (annually)</li> <li>6 Fees from infractions (annually)</li> <li>7 Estimate of octopus catch potential in the EEZ (metric ton estimate) (annual)</li> <li>8 Fishing effort, in thousands of hours of industrial fleets (by category of vessels) (annual)</li> <li>9 Volume in tons of fish production (pelagic, demersal cephalopods and crustaceans) (annual)</li> <li>10 FOB value of frozen fish exports in thousands of US dollars (current prices), by segment (artisanal and coastal) (annual)</li> <li>11 FOB price of octopus exports in US dollars per ton (monthly)</li> <li>12 Value of public and private investments made in the fisheries sector (in US dollars) (annual)</li> <li>13 Number of shipyard approved by the State serving fisheries units (annual)</li> </ol> <p>The target is not scalable.</p>					
<b>Verification Protocol</b>	<p>Verification Entity: The achievement of target will be verified on an annual basis by the Independent Verifiers referred to in Section II.C.1 of Schedule 2 to this Agreement. Data source: The independent entity will verify the achievement of this target by reviewing the annual report of the <i>Comité Restreint sur les Statistiques de Pêche</i> (CRSP) to assess whether the fisheries data was made available.</p>					



	Procedure: The methodology used to assess the data availability is a simple count of the number of the 13 variables that are made available.					
<b>Target 2: Share of fisheries management data published regularly and made publicly accessible (PDO Indicator 1)</b>						
<b>Year</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Total (SDR)</b>
<b>Target</b>	16% of fisheries management data published regularly and made publicly accessible	33% of fisheries management data published regularly and made publicly accessible	50% of fisheries management data published regularly and made publicly accessible	66% of fisheries management data published regularly and made publicly accessible	83% of fisheries management data published regularly and made publicly accessible	N/A
<b>Disbursed as DLI Value (SDR)</b>	10,000	0 (10,000 was allocated initially but not achieved)				<b>10,000</b>
<b>Allocated for Performance Based Contract (PBC) Value (SDR)</b>			10,000	10,000	10,000	<b>30,000</b>
<b>Description of Achievement</b>	<p>The achievement of target will be measured by the degree of fisheries management data that are made publicly accessible so as to improve transparency in the governance of fisheries. Six variables constitute the fisheries management data that are expected to be made publicly accessible:</p> <ol style="list-style-type: none"> <li>1 List of valid fishing licenses from all segments (monthly)</li> <li>2 List of infractions in artisanal and coastal segments (annually)</li> <li>3 List of infractions in industrial segment (monthly)</li> <li>4 Fees from licenses (every trimester)</li> <li>5 Fees collected under fishing agreements (annually)</li> <li>6 Fees from infractions (annually)</li> </ol> <p>The target is not scalable.</p>					
<b>Verification Protocol</b>	<p>Verification Entity: The achievement of target will be verified on an annual basis by the Independent Verifiers referred to in Section II.C.1 of Schedule 2 to this Agreement.</p> <p>Data source: The website of the government agency responsible for fisheries management.</p> <p>Procedure: The methodology to compute the target value is as follows: Calculation by division of number of accessible fisheries management variables in annual equivalent by defined total number of variables (6) x 100. For example, each monthly data will be recorded by 1/12. If this variable is published monthly during the year, its value will be 1. If this variable is published regularly for 6 months, its value will be 0.5.</p>					



<b>Target 3: Number of fishing vessels operating in the exclusive economic zones should not exceed the ceiling established for each segment (PDO Indicator 3)</b>						
<b>Year</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Total (SDR)</b>
<b>Target</b>	“Yes”: number does not exceed ceiling of 7,661 artisanal vessels, 261 coastal vessels, and 245 industrial vessels	“Yes”: number does not exceed ceiling of 7,661 artisanal vessels, 261 coastal vessels, and 245 industrial vessels	“Yes”: number does not exceed ceiling of 7,661 artisanal vessels, 261 coastal vessels, and 245 industrial vessels	“Yes”: number does not exceed ceiling of 7,661 artisanal vessels, 261 coastal vessels, and 245 industrial vessels	“Yes”: number does not exceed ceiling of 7,661 artisanal vessels, 261 coastal vessels, and 245 industrial vessels	N/A
<b>Disbursed as DLI Value (SDR)</b>	12,000	0 (12,000 was allocated initially but not achieved)				<b>12,000</b>
<b>Allocated for Performance Based Contract (PBC) Value (SDR)</b>			12,000	12,000	12,000	<b>36,000</b>
<b>Description of Achievement</b>	<p>This is a proxy measure of the fishing capacity with the intent that the number of vessels should not increase so as to curb the trend of resource degradation.</p> <p>In the industrial segment, the number of vessel is measured with reference to the number of fishing licenses in annual equivalent. In the artisanal segment, the number of vessels will be calculated based on the number of registered boats and it includes the dormant capacity.</p> <p>The number of fishing vessels includes foreign vessels.</p> <p>The indicator will be considered achieved (= “Yes”) if the fleet size is at or below the following values:</p> <ul style="list-style-type: none"> <li>• 7,661 artisanal vessels and 261 coastal vessels as indicated in the registry of the <i>Direction de la Pêche Artisanale et Côtière</i> (DPAC), and</li> <li>• 245 industrial vessels as indicated in the registry of the <i>Direction de la Pêche Industrielle</i> (DPI).</li> </ul> <p>The target is not scalable.</p>					
<b>Verification Protocol</b>	<p>Verification Entity: The achievement of target will be verified on an annual basis by the Independent Verifiers referred to in Section II.C.1 of Schedule 2 to this Agreement.</p> <p>Data source: For artisanal vessels and coastal vessels, the information can be verified in the registry of the <i>Direction de la Pêche Artisanale et Côtière</i> (DPAC), and for industrial vessels, the information can be verified in the registry of the <i>Direction de la Pêche Industrielle</i> (DPI).</p> <p>Procedure: The indicator will be considered achieved (= “Yes”) if the fleet capacity is at or below 7,661 artisanal vessels, 261 coastal vessels, and 245 industrial vessels.</p>					



<b>Target 4: Share of fishing vessels registered (IR Indicator 1.2)</b>						
<b>Year</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Total (SDR)</b>
<b>Target</b>	100% of Industrial, 60 % of Coastal, and 0% of Artisanal fleet is registered	100% of Industrial, 70 % of Coastal, and 0% of Artisanal fleet is registered	100% of Industrial, 80 % of Coastal, and 25% of Artisanal fleet is registered	100% of Industrial, 85 % of Coastal, and 50% of Artisanal fleet is registered	100% of Industrial, 90 % of Coastal, and 90% of Artisanal fleet is registered	N/A
<b>Disbursed as DLI Value (SDR)</b>	6,000	6,000				<b>12,000</b>
<b>Allocated for Performance Based Contract (PBC) Value (SDR)</b>			6,000	6,000	6,000	<b>18,000</b>
<b>Description of Achievement</b>	<p>The achievement of target will be measured by verifying the percentage of registered vessels in industrial, coastal and artisanal segments of the fishing fleet.</p> <p>Although the artisanal and coastal vessels are already registered, Mauritania will develop a new secured registration system with an unforgeable identification device.</p> <p>The target is not scalable.</p>					
<b>Verification Protocol</b>	<p>Verification Entity: The achievement of target will be verified on an annual basis by the Independent Verifiers referred to in Section II.C.1 of Schedule 2 to this Agreement.</p> <p>Data source: There are two sources for data verification. The first is located at the <i>Direction de l'Aménagement et de la Recherche Océanographique</i> (DARO), which manages the registry information for both DPI (for the industrial segment) and DPAC (for the coastal and artisanal segments). The second is located at the <i>Direction de la Marine Marchande</i> (DMM) which keeps track of the registration of the country's fishing fleet.</p> <p>Procedure: The target will be considered achieved if the percentage of registered vessels is at or above the targeted percentage values.</p>					



<b>Target 5: Annual total allowable catch (TAC) in the octopus fishery is distributed in percentage to artisanal, coastal and industrial segments in a “participatory”, “transparent”, and “scientific manner” (IR Indicator 1.7)</b>						
<b>Year</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Total (SDR)</b>
<b>Target</b>	0	0	1	2	3	N/A
<b>Disbursed as DLI Value (SDR)</b>	0	0				<b>0</b>
<b>Allocated for Performance Based Contract (PBC) Value (SDR)</b>			20,000	20,000	20,000	<b>60,000</b>
<b>Description of Achievement</b>	<p>This indicator is based on the observation of the process leading to the distribution of the shares of total annual catch (TAC) in the octopus fishery. Total allowable catch measure is used to ensure stock sustainability without undermining the renewal potential of the stock.</p> <p>The target value of “0”, “1”, “2”, or “3” will be established in the following way:</p> <ul style="list-style-type: none"> <li>• Target value “0” means that the total allowable catch is distributed in non-participatory, non-transparent, and non-scientific manner.</li> <li>• Target value “1”, “2”, or “3” is achieved by the cumulative value of one point each earned if the total allowable catch is distributed in a participatory, transparent, or scientific manner, respectively.</li> <li>• The maximum score is “3” which is earned if the total allowable catch is distributed in a participatory, transparent, and scientific manner.</li> </ul> <p>The following definitions apply:</p> <ul style="list-style-type: none"> <li>• Participatory: Annual publication of results of consultations that include a large number of players and vulnerable populations leading to the distribution of TAC</li> <li>• Transparent: Publication of allocation criteria and data based on which TAC distribution will be made.</li> <li>• Scientific: The distribution should be consistent with biological and economic sustainability adjusted depending on resource availability.</li> </ul> <p>The target is not scalable.</p>					
<b>Verification Protocol</b>	<p>Verification Entity: The achievement of target will be verified on an annual basis by the Independent Verifiers referred to in Section II.C.1 of Schedule 2 to this Agreement.</p> <p>Data source: The value will be assessed by examining the annual report of the <i>Institut Mauritanien de Recherche Océanographique et sur les Pêches</i> (IMROP), and for which conclusions are validated by the <i>Conseil Consultatif National pour l’Aménagement et le Développement des Pêcheries</i> (CCNAD), as documented the minutes of their annual meeting.</p> <p>Procedure: the total annual catch distribution will be assessed against the three parameters of Participatory, Transparent, and Scientific, as per the definitions provided above.</p>					



**SCHEDULE 3**

**Disbursement Linked Indicators (DLIs) and Target indicators of Performance Based Contract (PBC)  
DLI/PBC Table**

**[Mauritania GEF GRANT NUMBER TF19089]**

<b>Target 1: Number of Reliable fisheries management data regularly available (IR Indicator 1.1)</b>						
	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Total (USD)</b>
<b>Target</b>	6 out of 13 variables are made available	7 out of 13 variables are made available	10 out of 13 variables are made available	12 out of 13 variables are made available	13 out of 13 variables are made available	N/A
<b>Disbursed as DLI Value (USD)</b>	12,750	12,750				<b>25,500</b>
<b>Allocated for Performance Based Contract (PBC) Value (USD)</b>			38,250	25,500	12,750	<b>76,500</b>
<b>Description of Achievement</b>	<p>The achievement of target will be measured by assessing the degree of reliable fisheries data that are made available.</p> <p>The fisheries variables that will be made available include:</p> <ol style="list-style-type: none"> <li>1. List of valid fishing licenses from all segments (monthly)</li> <li>2. List of infractions in artisanal and coastal segments (annually)</li> <li>3. List of infractions in industrial segment (monthly)</li> <li>4. Fees from licenses (every trimester)</li> <li>5. Fees collected under fishing agreements (annually)</li> <li>6. Fees from infractions (annually)</li> <li>7. Estimate of octopus catch potential in the EEZ (metric ton estimate) (annual)</li> <li>8. Fishing effort, in thousands of hours of industrial fleets (by category of vessels) (annual)</li> <li>9. Volume in tons of fish production (pelagic, demersal cephalopods and crustaceans) (annual)</li> <li>10. FOB value of frozen fish exports in thousands of US dollars (current prices), by segment (artisanal and coastal) (annual)</li> <li>11. FOB price of octopus exports in US dollars per ton (monthly)</li> <li>12. Value of public and private investments made in the fisheries sector (in US dollars) (annual)</li> <li>13. Number of shipyard approved by the State serving fisheries units (annual)</li> </ol> <p>The target is not scalable.</p>					
<b>Verification Protocol</b>	<p>Verification Entity: The achievement of target will be verified on an annual basis by the Independent Verifiers referred to in Section II.C.1 of Schedule 2 to this Agreement.</p> <p>Data source: The independent entity will verify the achievement of this target by reviewing the annual report of the <i>Comité Restreint sur les Statistiques de Pêche</i> (CRSP) to assess whether the fisheries data was made available.</p> <p>Procedure: The methodology used to assess the data availability is a simple count of the number of the 13 variables that are made available.</p>					



<b>Target 2: Share of fisheries management data published regularly and made publicly accessible (PDO Indicator 1)</b>						
<b>Year</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Total (USD)</b>
<b>Target</b>	16% of fisheries management data published regularly and made publicly accessible	33% of fisheries management data published regularly and made publicly accessible	50% of fisheries management data published regularly and made publicly accessible	66% of fisheries management data published regularly and made publicly accessible	83% of fisheries management data published regularly and made publicly accessible	N/A
<b>Disbursed as DLI Value (USD)</b>	27,091	0 (27,091 was allocated initially but not achieved)				<b>27,091</b>
<b>Allocated for Performance Based Contract (PBC) Value (USD)</b>			27,091	27,091	27,092	<b>81,274</b>
<b>Description of Achievement</b>	<p>The achievement of target will be measured by the degree of fisheries management data that are made publicly accessible so as to improve transparency in the governance of fisheries.</p> <p>Six variables constitute the fisheries management data that are expected to be made publicly accessible:</p> <ol style="list-style-type: none"> <li>1 List of valid fishing licenses from all segments (monthly)</li> <li>2 List of infractions in artisanal and coastal segments (annually)</li> <li>3 List of infractions in industrial segment (monthly)</li> <li>4 Fees from licenses (every trimester)</li> <li>5 Fees collected under fishing agreements (annually)</li> <li>6 Fees from infractions (annually)</li> </ol> <p>The target is not scalable.</p>					
<b>Verification Protocol</b>	<p>Verification Entity: The achievement of target will be verified on an annual basis by the Independent Verifiers referred to in Section II.C.1 of Schedule 2 to this Agreement.</p> <p>Data source: The website of the government agency responsible for fisheries management.</p> <p>Procedure: The methodology to compute the target value is as follows: Calculation by division of number of accessible fisheries management variables in annual equivalent by defined total number of variables (6) x 100. For example, each monthly data will be recorded by 1/12. If this variable is published monthly during the year, its value will be 1. If this variable is published regularly for 6 months, its value will be 0.5.</p>					



Target 3: Number of fishing vessels operating in the exclusive economic zones should not exceed the ceiling established for each segment (PDO Indicator 3)						
Year	Year 1	Year 2	Year 3	Year 4	Year 5	Total (USD)
<b>Target</b>	“Yes”: number does not exceed ceiling of 7,661 artisanal vessels, 261 coastal vessels, and 245 industrial vessels	“Yes”: number does not exceed ceiling of 7,661 artisanal vessels, 261 coastal vessels, and 245 industrial vessels	“Yes”: number does not exceed ceiling of 7,661 artisanal vessels, 261 coastal vessels, and 245 industrial vessels	“Yes”: number does not exceed ceiling of 7,661 artisanal vessels, 261 coastal vessels, and 245 industrial vessels	“Yes”: number does not exceed ceiling of 7,661 artisanal vessels, 261 coastal vessels, and 245 industrial vessels	N/A
<b>Disbursed as DLI Value (USD)</b>	34,000	0 (34,000 was allocated initially but not achieved)				<b>34,000</b>
<b>Allocated for Performance Based Contract (PBC) Value (USD)</b>			34,000	34,000	34,000	<b>102,000</b>
<b>Description of Achievement</b>	<p>This is a proxy measure of the fishing capacity with the intent that the number of vessels should not increase so as to curb the trend of resource degradation.</p> <p>In the industrial segment, the number of vessel is measured with reference to the number of fishing licenses in annual equivalent. In the artisanal segment, the number of vessels will be calculated based on the number of registered boats and it includes the dormant capacity.</p> <p>The number of fishing vessels includes foreign vessels.</p> <p>The indicator will be considered achieved (= “Yes”) if the fleet size is at or below the following values:</p> <ul style="list-style-type: none"> <li>• 7,661 artisanal vessels and 261 coastal vessels as indicated in the registry of the <i>Direction de la Pêche Artisanale et Côtière</i> (DPAC), and</li> <li>• 245 industrial vessels as indicated in the registry of the <i>Direction de la Pêche Industrielle</i> (DPI).</li> </ul> <p>The target is not scalable.</p>					
<b>Verification Protocol</b>	<p>Verification Entity: The achievement of target will be verified on an annual basis by the Independent Verifiers referred to in Section II.C.1 of Schedule 2 to this Agreement.</p> <p>Data source: For artisanal vessels and coastal vessels, the information can be verified in the registry of the <i>Direction de la Pêche Artisanale et Côtière</i> (DPAC), and for industrial vessels, the information can be verified in the registry of the <i>Direction de la Pêche Industrielle</i> (DPI).</p> <p>Procedure: The indicator will be considered achieved (= “Yes”) if the fleet capacity is at or below 7,661 artisanal vessels, 261 coastal vessels, and 245 industrial vessels.</p>					



Target 4: Share of fishing vessels registered (IR Indicator 1.2)						
Year	Year 1	Year 2	Year 3	Year 4	Year 5	Total (USD)
<b>Target</b>	100% of Industrial, 60 % of Coastal, and 0% of Artisanal fleet is registered	100% of Industrial, 70 % of Coastal, and 0% of Artisanal fleet is registered	100% of Industrial, 80 % of Coastal, and 25% of Artisanal fleet is registered	100% of Industrial, 85 % of Coastal, and 50% of Artisanal fleet is registered	100% of Industrial, 90 % of Coastal, and 90% of Artisanal fleet is registered	N/A
<b>Disbursed as DLI Value (USD)</b>	20,400	0 (20,400 was allocated initially but not achieved)				<b>20,400</b>
<b>Allocated for Performance Based Contract (PBC) Value (USD)</b>			20,400	20,400	20,400	<b>61,200</b>
<b>Description of Achievement</b>	<p>The achievement of target will be measured by verifying the percentage of registered vessels in industrial, coastal and artisanal segments of the fishing fleet.</p> <p>Although the artisanal and coastal vessels are already registered, Mauritania will develop a new secured registration system with an unforgeable identification device.</p> <p>The target is not scalable.</p>					
<b>Verification Protocol</b>	<p>Verification Entity: The achievement of target will be verified on an annual basis by the Independent Verifiers referred to in Section II.C.1 of Schedule 2 to this Agreement.</p> <p>Data source: There are two sources for data verification. The first is located at the <i>Direction de l'Aménagement et de la Recherche Océanographique (DARO)</i>, which manages the registry information for both DPI (for the industrial segment) and DPAC (for the coastal and artisanal segments). The second is located at the <i>Direction de la Marine Marchande (DMM)</i> which keeps track of the registration of the country's fishing fleet.</p> <p>Procedure: The target will be considered achieved if the percentage of registered vessels is at or above the targeted percentage values.</p>					



<b>Target 5: Annual total allowable catch (TAC) in the octopus fishery is distributed in percentage to artisanal, coastal and industrial segments in a “participatory”, “transparent”, and “scientific manner” (IR Indicator 1.7)</b>						
<b>Year</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Total (USD)</b>
<b>Target</b>	0	0	1	2	3	N/A
<b>Disbursed as DLI Value (USD)</b>	0	0				<b>0</b>
<b>Allocated for Performance Based Contract (PBC) Value (USD)</b>			56, 848	56, 848	56,848	<b>170, 544</b>
<b>Description of Achievement</b>	<p>This indicator is based on the observation of the process leading to the distribution of the shares of total annual catch (TAC) in the octopus fishery. Total allowable catch measure is used to ensure stock sustainability without undermining the renewal potential of the stock.</p> <p>The target value of “0”, “1”, “2”, or “3” will be established in the following way:</p> <ul style="list-style-type: none"> <li>• Target value “0” means that the total allowable catch is distributed in non-participatory, non-transparent, and non-scientific manner.</li> <li>• Target value “1”, “2”, or “3” is achieved by the cumulative value of one point each earned if the total allowable catch is distributed in a participatory, transparent, or scientific manner, respectively.</li> <li>• The maximum score is “3” which is earned if the total allowable catch is distributed in a participatory, transparent, and scientific manner.</li> </ul> <p>The following definitions apply:</p> <ul style="list-style-type: none"> <li>• Participatory: Annual publication of results of consultations that include a large number of players and vulnerable populations leading to the distribution of TAC</li> <li>• Transparent: Publication of allocation criteria and data based on which TAC distribution will be made.</li> <li>• Scientific: The distribution should be consistent with biological and economic sustainability adjusted depending on resource availability.</li> </ul> <p>The target is not scalable.</p>					
<b>Verification Protocol</b>	<p>Verification Entity: The achievement of target will be verified on an annual basis by the Independent Verifiers referred to in Section II.C.1 of Schedule 2 to this Agreement.</p> <p>Data source: The value will be assessed by examining the annual report of the <i>Institut Mauritanien de Recherche Océanographique et sur les Pêches</i> (IMROP), and for which conclusions are validated by the <i>Conseil Consultatif National pour l’Aménagement et le Développement des Pêcheries</i> (CCNAD), as documented the minutes of their annual meeting.</p> <p>Procedure: the total annual catch distribution will be assessed against the three parameters of Participatory, Transparent, and Scientific, as per the definitions provided above.</p>					