

## ANNEX II:

### Template for the Implementation Report of the SPRFMO Conservation and Management Measures

Reporting Member/CNCP: Perú  
Reporting Period to which this report refers: 2016  
Date report prepared: 13/10/16

#### **CMM 4.01 *Trachurus murphyi***

Do your vessels fish for *T. murphyi* in, or adjacent to, the Convention Area? YES  NO   
If yes, then please complete the following tables and questions:

**Table 1: CMM 4.01 (*T. murphyi*; 2016): Effort Management**

Gross Tonnage (GT) Limit	GT of active fishing vessels	No. of vessels actively fishing for CJM	No. of vessels only engaged in transshipment(s)
75 416	0	0	0

Enter n/a if not applicable.

**Table 2: CMM 4.01 (*T. murphyi*; 2016): Catch Management**

CJM catch limit	CJM catch limit taking into account any catch transfers	Provisional CJM catch total
7400	7400	0

**Table 3: CMM 4.01 (*T. murphyi*; 2016): Data collection and reporting**

No. of Monthly reports provided	VMS implemented and data provided?	List of authorised vessels provided?	Annual report provided to SC?	Observer coverage level
9	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Partial <input type="checkbox"/>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Partial <input type="checkbox"/>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	100%

Do you have additional measures that limit the amount of *T. murphyi* available to your vessels to an amount less than that specified in Table 2 above (refer to CMM 4.01 (*T. murphyi*; 2016) paragraph 8)? YES  NO .

If so, please elaborate

[Click here to enter text.](#)

Did you conduct any research or stock assessments for *T. murphyi* during this past year and were they submitted to the Scientific Committee? YES  NO .

*It elaborated the National Annual Report and it were sent to Scientific Committee.*

Did any of your vessels land or tranship *T. murphyi* within your ports and did you take measures to verify those catches? YES  NO .

Is any part of your national jurisdiction area adjacent to the Area to which CMM 4.01 (*T. murphyi*; 2016) applies? YES  NO .

If so, have you decided to apply the measures described in CMM 4.01 (*T. murphyi*; 2016) paragraphs 11 - 22 within your national jurisdiction areas? YES  NO  Partial .

Also, have you submitted measures in effect for *T. murphyi* within your national jurisdiction areas to the Secretariat? YES  NO



Peru as a member of the SPRFMO has respected and applied the 11-12 paragraph of the CMM 4.01, where reported in electronic format the monthly catches of *Trachurus Murphyi* within 20 days of the end of each month. In addition, the Executive Secretary has delivered monthly catches in jurisdictional waters of Peru to all Members and CNCPS, monthly.

## CMM 4.02 Standards for the Collection, Reporting, Verification and Exchange of Data

**Table 4: Participation in SPRFMO fisheries during the past year**

Fishing method	Activities undertaken?	Main species caught?	Number of vessels	Activities observed? (Yes/No)
Demersal Drop/dahn line				
Demersal Longline				
Demersal Potting				
Demersal Trawl				
Pelagic Purse seine				
Pelagic Trawl	No	Jurel, Caballa y Pota		No
Squid jigging				
Transshipment				

Were you able to meet the data collection requirements described in CMM4.02 (Data Standards; 2016) paragraphs 1(b) (c) and (d)? (Being information on fishing activity, non-target species impacts and transshipments/landings) YES  NO  Partial .

Click here to enter text.

Do you have a national observer programme? YES  NO , and if so, have you submitted an annual observer implementation report to the Secretariat? YES  NO .

Click here to enter text.

Have you implemented systems to ensure that all of your vessels that fish in the Convention Area have an operational VMS system (that conforms to the requirements in CMM 4.02 (Data standards; 2016) paragraphs 3(b) and 3(c)? YES  NO .

The (VMS) system that has been implemented to control fishing vessels is the Satellite Tracking System (SISESAT).

Please describe the systems you use to verify your SPRFMO fishery data.

The SISESAT, has the task of monitoring fishing vessels in the maritime field, to prevent incursions prohibited or reserved areas. This monitoring is done by processing satellite information emitted by the beacons installed on each ship, sent via satellite services authorized companies. The responsibility of this system is the Technology for Monitoring Direction, General Direction of Supervision and Control, Office Viceministerial of Fisheries. Note that in recent years has built a modern software for satellite tracking pursuant to the regulations of Sisesat approved by Supreme Decree No. 001-2014-PRODUCE, which presents new technical specifications for equipment satellite tracking, for messages alerts, latency of emissions, means of transmission, reception and data security, the technical specifications of satellite communication service, increased direct emission of signals every sixty (60) minutes every thirty (30) minutes, and delayed transmission of the position information of ten (10) minutes.

## CMM 4.03 Bottom fishing in the SPRFMO Convention Area

Do you fish in the Convention Area using bottom fishing methods? YES  NO .

If yes, then please complete the following tables and questions:

**Table 5: Management of Bottom Fishing and Fisheries**

Bottom Fishing assessment submitted?	2002-06 Bottom fishing footprint submitted?	Bottom Fishing restricted to footprint?	2002-2006 Average annual catch (t)	Provisional catch total for last year <sup>1</sup> (t)	Observer coverage level (trawl)	Observer coverage level (other)	No. of VME encounters above the threshold	No. of monthly reports provided
YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>						

Have you prohibited your vessels from participating in bottom fishing activities in the Convention Area, except when in accordance with this measure? YES  NO .

Have you established threshold levels for VME encounters? YES  NO .

If so what are they?

Click here to enter text.

Do you require your vessels to cease fishing operations within 5 nautical miles of any site where threshold levels are exceeded? YES  NO .

Have you divided your footprint into sub-areas for the purposes of preventing significant adverse impacts to VMEs? YES  NO . If so, please elaborate.

Click here to enter text.

Do you have additional measures that apply to your bottom fishing vessels in the Convention Area? YES  NO . If so, please elaborate.

Click here to enter text.

Have you identified any sites within the Convention Area where VMEs are likely to occur?

YES  NO .

If so have you provided this information to the Secretariat? YES  NO .

Have you taken steps to ensure that your bottom fishing vessels are able to comply with all of the requirements detailed in CMM 4.03 (Bottom Fishing; 2016) paragraph 24? YES  NO .

Click here to enter text.

Are you aware of any non-Member (or non-CNCP) that has recently bottom fished in the Convention Area? YES  NO .

And if so, did you communicate a request to them to cooperate and to consider participating in the work of SPRFMO as a matter of priority? YES  NO .

Click here to enter text.

<sup>1</sup> The catch total for "last year" refers to the year to date (i.e. the 2015/16 report completed in November 2016 will refer to the total catch for 2016 as at the time the report was completed).

## **CMM 4.04 Vessels presumed to have carried out IUU fishing activities in the SPRFMO Area**

Did you transmit a list of presumed IUU fishing vessels to the Secretariat? YES  NO

If so, did you inform the relevant flag state before, or at the same time as, transmitting the list?

YES  NO

*It was reported that during 2015 and 2016 do not have records fishing vessels allegedly illegal IUU practiced.*

Were any of your flagged vessels on the draft IUU list? YES  NO

If so, did you notify vessel owners and inform them about the potential consequences? YES  NO

Click here to enter text.

Were any of your flagged vessels on the final IUU list? YES  NO

If so, did you notify the vessel owners and inform them about the consequences of inclusion?

YES  NO

What measures were taken to eliminate these IUU activities?

*Peru informed the Executive Secretary of SPRFMO about legal actions and penalty fee for DAMANZAIHAO. Between them:*

- *The withdrew of DAMANZAIHAO authorization to fish in the SPRFMO.*
- *Penalty fee to the shipowner Sustainable Fishing Resources SAC for a total amount of US\$ 6.7 million due to the following events:*
  - a) *Transshipment of DAMANZAIHAO with unauthorized HAI FENG 648 and the supply of incorrect information on fishing activities in September 2014 (penalty fee of US\$ 856 776 ) vessel; and*
  - b) *The various unauthorized fishing activities, including transfers between June 10 and August 13 involving DAMANZAIHAO and 5 others Peruvian flag vessels also owned by Sustainable Fishing Resources SAC (penalty fee of US\$ 5,879,286 and the immobilization of DAMANZAIHAO).*

Did you enforce any of the measures described under CMM 4.04(IUU List; 2016) paragraph 12?

YES  NO .

If so, please elaborate.

*Effectively, Peru applied the relevant measures among those described in paragraph 12, including:*

- *Withdrew the fishing authorization to Damanzaihao, for fishery resources that are within the competence of the SPRFMO, due to be considered in the list of vessels involved in IUU fishing activities and, for this reason will not be allocated a fishing license, any license or permit to this ship, until it is not removed from the IUU list;*
- *Appropriate measures have been taken to prevent fishing vessels, support vessels, refueling vessels, mother ships and / or cargo vessels flying national flag that support or are involved in any way in catches processing operations or participate in any transshipment or joint fishing operation of, with vessels included in the List of vessels involved in IUU activities;*
- *Appropriate measures have been taken for ships included in the List of vessels involved in IUU fishing activities that are not authorized to landing, transshipment, refuel, resupply or engage in any other business transaction in its ports, except in case of force majeure.*



## **CMM 4.05 Commission record of Vessels authorised to fish in the Convention Area**

*Describe how you take into account the vessel and operator compliance history when considering whether or not to authorise a particular fishing vessel.*

*In the framework of conservation and management measures of the SPRFMO, the Peru created the "Register of Fishing Vessels engaged in fishing activities in high seas" by Supreme Decree No. 002-2015-PRODUCE, which entered into force on March 6, 2015, confirming our commitment as a state to combat illegal fishing.*

*That rule allows establish measures to authorize, accredit, monitor and control fishing activities of vessels Peruvian flag in the high seas helping to ensure the orderly development of fisheries based on the application of the principles of responsible fishing in accordance with national legislation and international law.*

*For a vessel may enroll in the "Register of Fishing Vessels engaged in fishing activities in high seas" should state that it has not been sanctioned by performing illegally fishing in the area high seas or violate national or international conservation and organization established for the respective fishing areas, whose areas correspond to organizations or relevant regional or subregional arrangements.*

*Notwithstanding the foregoing, if the application for registration was associated with a vessel registered previously in another state or states and the sanctions for breach of international conservation and management is proved, the applicant shall demonstrate convincingly that has changed ownership or lease thereof, being that the previous owner has no legal, beneficial or financial interest of the fishing vessel, or control it.*

*It should be noted that the format was adopted in the same rule, for vessels applying for registration in the "Register of Fishing Vessels engaged in fishing activities in high seas" where all data specified in Annex 1 of the CMM 4.05 is required.*

Click here to enter text.

*Describe the measures you have taken to ensure that you are able to take effective enforcement actions against the owners of vessels flying your flag should the need arise.*

*Peru is able to take effective actions against the owners of the ships, through application of the Rules of Inspections and Fisheries and Aquaculture Sanctions (RISPAC) adopted by Supreme Decree No. 016-2007-PRODUCE, which defines the offenses that could be committed fishing vessels. Peru also, by Supreme Decree No. 002-2015-PRODUCE "Register of Fishing Vessels engaged in fishing activities in Offshore" has the framework to sanction vessels that violate international conservation and management measures established by organizations or arrangements regional or subregional organizations proficient.*

*Do you maintain your own register of fishing vessels for the SPRFMO Area?*

YES  NO

*Does it contain all the necessary information (as described in Annex 1 of CMM 4.05(Record of Vessels; 2016)?*

YES  NO

*Are there any reasons that this vessel information has not been collected?*

- In the "Third Meeting of the Technical and Compliance Committee" of Valdivia, Chile in January 2016, it were revised the Conservation and Management Measures (CMM) of the SPRFMO by each Member and CPNP. In the case of Peru, the observations of formality were corrected in the remission and interpretation of data, which they were considered by the Chairman as correctable, pending the submission of photographs of the vessels provided in Annex 1 CMM 4.05. These photographs were asked the owners of the vessels.*
- Currently, 70 vessels have photographs, leaving as balance 17 vessels. This photographs were sent to the SPRFMO.*



- *On the other hand, Peru raised the proposal to reiterate the obligation of shipowners to specify their IMO numbers registered in the SPRFMO, in accordance with Annex 1 of the CMM 4.05.*
- *Due to this, it was formally requested to shipowners, the IMO numbers of all their fishing vessels that are authorized to fish in the Convention Area and that are at least 100 GT or 100 GRT.*
- *Currently, 69 vessels have IMO numbers. This data were sent to the SPRFMO.*

**Table 6: Vessel data submission summary**

<i>Current number of vessels authorised to fish in the SPRFMO Area?</i>	<i>No. of new authorisations within reporting period</i>	<i>No. of revoked authorisations within reporting period</i>	<i>Authorisation details submitted to Secretariat?</i>	<i>No. of Active fishing vessels</i>	<i>No. of vessels only engaged in Transhipments(s)</i>
87			YES <input type="checkbox"/> NO <input type="checkbox"/>		

*\* For Jack Mackerel fisheries, these numbers may be equal to or larger than the figures provided in Table 1*



## CMM 2.06 VMS in the SPRFMO Convention Area

At this time, this CMM does not have readily measurable implementation requirements.

## CMM 2.07 Minimum Standards of Inspection in Port

Are your ports able, or expected, to receive SPRFMO-managed species? YES  NO

If so please complete the following table and questions:

**Table 7: Implementation of Port Standards**

Point of Contact transmitted to Secretariat?	Designated port list provided to Secretariat?	No. of foreign fishing vessels seeking to use port services	No. of foreign fishing vessels denied entry	No. of inspections	Percentage of foreign landings /transhipments inspected
YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	0	0	0	0

Do you have sufficient capacity to conduct inspections in every designated port?

YES  NO

*The General Direction of Supervision and Control of the Ministry of Production, has trained 200 inspectors to conduct inspections of landing and transhipment of fishing vessels engaged in extractive activities in areas of the convention.*

Do you require foreign fishing vessels to provide information prior to any landing or port transhipment?

YES  NO

If so, does that information comply with paragraph 11 of CMM 2.07 (Port Inspection; 2014)?

YES  NO

Click here to enter text.

*By Supreme Decree No. 016-2016-PRODUCE it regulates conditions for carrying out transshipment activities on land or resource deposit or seafood products in domestic port, as goods in transit or verification of seafood products it is regulated. This rule complies with the conservation measure CMM 2.07.*

Is the notification period for a foreign fishing vessel's port request different than 48 hours?

YES  NO . If so, please elaborate.

Click here to enter text.

Did you receive any requests from other Members, CNCs or relevant RFMOs to inspect particular vessels? YES  NO . If so, please elaborate.

Click here to enter text.

Did you encounter any difficulties with the inspection procedures described in paragraphs 18-22 of CMM 2.07 (Port Inspection; 2014)? YES  NO . If so, please elaborate.

Click here to enter text.

Did any of your inspections discover evidence that a foreign fishing vessel has committed a breach of the SPRFMO CMMs? YES  NO . If so, did you encounter any difficulties with the infringements procedures described in paragraphs 23-26 of CMM 2.07 (Port Inspection; 2014)?

YES  NO

If difficulties were encountered, then please describe the reasons relating to those difficulties:

Click here to enter text.

Have you provided (or received) any assistance as described under Paragraph 27 of CMM 2.07 (Port Inspection; 2014)? (Being the development of capacity, facilitation of participation and assessment of requirements for developing Members and CNCs) YES  NO

<sup>2</sup> Limited to foreign fishing vessels carrying SPRFMO species caught within the SPRFMO Area

## **CMM 1.02 Gillnets in the SPRFMO Convention Area**

1. Members shall require that vessels flying their flag prohibit the use of large-scale pelagic driftnets and all deepwater gillnets in the Convention Area.

*Please describe how this requirement has been implemented*

***Peru does not authorize fishing with gillnets.***

*Have any of your vessels transited the Area while carrying gillnets?* YES  NO

*If so, was 36hrs advance notice given?* YES  NO ,

*Did the vessels operate a VMS?* YES  NO  Partial ,

*Were VMS reports submitted?* YES  NO  Partial

*Were any Gillnets lost overboard?* YES  NO

*(Refer to CMM 1.02 (Gillnetting; 2013) paragraphs 2(a), (b), (c) and (d))*

***Additional information can be provided here:***

Click here to enter text.





## CMM 4.09 Minimising bycatch of seabirds in the SPRFMO Convention Area

Are your vessels required to implement appropriate seabird mitigation measures while fishing in the Convention Area? YES  NO .

Are any of your **demersal longline vessels** only required to apply one of the three specified mitigation measures (i.e. line weighting, bird scaring, setting at night)?

YES  NO . And if so, please list those vessels:

[Click here to enter text.](#)

During the recent reporting period have you maintained a minimum of 10% observer coverage over your demersal longline fleet? YES  NO .

Have any of your vessels exceeded a mortality rate of 0.01 birds/1000 hooks? YES  NO .

If so, please list those vessels and state if, after the mortality, whether these vessels applied at least one additional measure?

[Click here to enter text.](#)

Are any of your **trawl vessels** exempt from applying the specified mitigation measures (bird scaring lines, responsible discharge management, net cleaning, surface time minimisation)? YES  NO .

During the recent reporting period did any mortality events occur? YES  NO .

If so, please list the vessels concerned and stipulate if, after the mortality, whether these vessels applied appropriate mitigation measures?

[Click here to enter text.](#)

Do you have any **trawlers** which are exempt from applying seabird mitigation measures because they discharge no biological material? YES  NO .

And if so, please list those vessels and stipulate when these vessel exemptions were last reviewed?

[Click here to enter text.](#)

Do you require your observers to record seabird interactions? YES  NO .

If so, are the records in accordance with CMM 4.02 (Data Standards; 2016) and is the resulting data reported to the Secretariat? YES  NO .

[Click here to enter text.](#)

**Table 8: Seabird mitigation measures in Demersal Longline**

Biological discharge during shooting/hauling prohibited?	List of Seabird mitigation measures used in SPRFMO Area?	Observer coverage level <sup>3</sup> ?	No. of Seabird interactions	Approx. Seabird mortality rate (per 1000 hooks observed)
YES <input type="checkbox"/> NO <input type="checkbox"/> .				

**Table 9: Seabird mitigation measures in Trawl Fisheries**

No. of vessels that do not discharge Biological material?	No. of vessels discharging Biological material?	List of seabird mitigation measures used in SPRFMO Area	Observer coverage <sup>4</sup> level	No. of seabird interactions	Approx. seabird mortality rate (per tow observed)
Not work 2015	Not work 2015	Scaring lines	100	0	0

## CMM 3.04 Boarding & Inspection Procedures

<sup>3</sup> Provided as a percentage of number of hooks, for the current calendar year

<sup>4</sup> Provided as a percentage of number of tows for the current calendar year

For reference a link to "Agreement for the Implementation of the Provisions of the United Nations Convention on the Law of the Sea of 10 December 1982 relating to the Conservation and Management of Straddling Fish Stocks and Highly Migratory Fish Stocks" ([1995 Agreement](#))

Have you informed SPRFMO about your designated authority to receive notifications pursuant to Article 21.4 of the 1995 Agreement? YES  NO .

Which measures have you taken to ensure that vessel masters comply with the stipulations under Article 22.3 of the 1995 Agreement?

[Click here to enter text.](#)

Were any of the vessels flying your flag inspected by a SPRFMO Member? YES  NO .

If yes:

- Were there any cases in which there were clear grounds for believing that a vessel has engaged in any activity contrary to the CMMs of the SPRFMO? YES  NO .

If yes:

- How were the procedures described under Article 21.6 and 21.12 addressed? Did you encounter any problems?

[Click here to enter text.](#)

Have you conducted any at-sea inspections during the recent reporting period? YES  NO . If yes:

- Have you informed the SPRFMO Secretariat of the form of identification issued to your duly authorised inspectors? YES  NO
- Are your vessels used for boarding and inspection clearly marked and identifiable as being on government service? YES  NO
- How do you ensure that your inspectors observe all provisions under Articles 21.10 and 22.1 of the 1995 Agreement?

[Click here to enter text.](#)

- How many at-sea inspections did you conduct?
- Following a boarding and inspection, have you had clear grounds for believing that a vessel has engaged in any activity contrary to the CMMs of the SPRFMO? YES  NO .

If yes:

- Please list all cases.

[Click here to enter text.](#)

- In any of these cases, did you have clear grounds for believing that a vessel has committed a serious violation in accordance with Article 21.11 of the 1995 Agreement? If so, please provide details.

[Click here to enter text.](#)

- Did you secure evidence and promptly notify the flag State of the alleged violation and the results of any further investigation? YES  NO
- Did you encounter any problems?

[Click here to enter text.](#)

### **CMM 3.05 Transshipment and Other Transfer Activities**

Have any of your vessels conducted transshipments or other transfer activities during the reporting period? YES  NO . If so, please complete the following questions and tables.



Were all transshipments and/or other transfer activities conducted between authorised vessels (i.e. on the Commission Record of Vessels at the time of the activity)? YES  NO .

**Table 10: Transshipments of *T. murphyi* caught in the Convention Area**

Number of transshipments in which your vessels unloaded <i>T. murphyi</i> catch	Number of transshipments in which your vessels received <i>T. murphyi</i> catch	How many of the <i>T. murphyi</i> transshipments were observed?

Please list the vessels that conducted transshipments of *T. murphyi* during the reporting period:

[Click here to enter text.](#)

**Table 11: Transshipments of demersal species caught in the Convention Area**

Number of transshipments in which your vessels unloaded demersal catch	Number of transshipments in which your vessels received demersal catch	How many of the demersal transshipments were observed?

Please list the vessels that conducted transshipments of demersal species during the reporting period:

[Click here to enter text.](#)

### **CMM 4.13 New & Exploratory Fisheries**

Are any of your vessels currently permitted to fish in SPRFMO exploratory fisheries?  
YES  NO .

Are you seeking to permit a vessel that flies your flag to fish in an exploratory fishery?  
YES  NO .

If so, have you submitted an application to the Commission in respect of these activities?  
YES  NO .

And if so, have you submitted a Fisheries Operation Plan to the Scientific Committee in respect of these activities? YES  NO .



#### **CMM 4.14 Exploratory Toothfish Fishing (New Zealand only)**

*Did your vessels conduct exploratory fishing for toothfish during the reporting period?*

YES  NO . (If "no" then please skip the remaining questions).

*Did all of the fishing use the bottom longline method (YES  NO ) and was it all conducted within the boxes specified in table 1 of that measure? YES  NO .*

*Did the first trip occur during the period 1 July – 30 September? YES  NO .*

*How many lines were set during the first trip?*

*On how many consecutive days did fishing operations occur during the first trip?*

*What was the total tonnage of toothfish caught during 2016?*

*Which vessel(s) were authorised and undertook exploratory fishing for toothfish?*

Click here to enter text.

*Was all of the exploratory fishing for toothfish in accordance with SC-03-DW-01\_rev2 "Proposal for exploratory bottom longlining for toothfish by New Zealand vessels outside the bottom lining footprint during 2016 and 2017: Description of proposed activities and impact assessment" YES  NO .*

*How many toothfish were tagged during the exploratory fishing ( ) and what was the tagging overlap statistic?*

*Were all of the mitigation methods specified in paragraph 20 implemented during the exploratory fishing?*

YES  NO

*Was the information described in paragraph 21 relating to marine mammals, seabirds, turtles, and other species of concern collected? YES  NO*

*Was there a New Zealand government observer (and a dedicated assistant) on board the vessel during the exploratory fishing? YES  NO*

*Was there a video monitoring and recording system installed and was the footage provided to the New Zealand Ministry for Primary Industries? YES  NO*

*Any additional comments may be provided below:*

Click here to enter text.

#### **CMM 4.15 Vessels without Nationality**

*During the reporting period did you take any actions, in accordance with international law, against vessels without nationality (e.g. by prohibiting landing, transshipment or access to port services) YES  NO .*

*The measure was approved by the Supreme Decree No. 016-2016-PRODUCE, which establishes measures to authorize operations in ports and shipyards Peruvian foreign flag vessels engaged in fishing or cross-border activities of highly migratory aquatic resources, straddling offshore.*

*If so, please provide additional details:*



***This rule has as object regulate the conditions for the arrival at ports or national shipyards and the use of its services for foreign flag vessels engaged in fishing activities aquatic resources outside the maritime domain of the Peruvian State requiring perform: Transshipment or deposit on land resources or fishery products in domestic port, as goods in transit or verification of seafood products; or technical assistance activities, supplies, food supplies or fuel, transport and supply of equipment necessary to facilitate the operations of fishing vessels.***

A handwritten signature or mark consisting of a single, fluid, cursive stroke that forms a loop and ends with a short tail.