



North Pacific Fisheries Commission

NPFC-2026-TCC09-WP06 Rev.4

European Union

**Proposal for a new Conservation and Management Measure
for minimum standards for the collection, reporting, verification and exchange of data
in NPFC**

Abstract

This working paper proposes a new Conservation and Management Measure to establish standards for the collection, reporting, verification and exchange of data in NPFC.

Rev. 1 includes a new preambular paragraph clarifying that the CMM addresses not only essential scientific information but also compliance-related information. It incorporates suggestions submitted by Japan on the main text (reflected in track changes and highlighted in yellow), as well as comments from Chinese Taipei on Annex 5 (Minimum standards for data to be recorded for stick-held dip net fishing activities).

Rev 2 includes a change in row 1 of Annex 5. As background information to TCC, in Annexes we highlighted in yellow fields adding comments received from SC/SWG Data.

Rev 3 adds into Annexes a column marking if the data is mandatory or optional, contains comments from TCC on main body of the proposal. We also removed background information SC/SWG from Rev.2.

Rev. 4- contains changes to annexes following comments from all Members except one, in addition to SC and TCC annual revision clause.

**PROPOSAL FROM THE EUROPEAN UNION FOR A
CONSERVATION AND MANAGEMENT MEASURE
FOR MINIMUM STANDARDS FOR THE COLLECTION,
REPORTING, VERIFICATION AND EXCHANGE OF DATA IN NPFC**

European Union

Explanatory memorandum

This proposal paves the way for a more efficient and consistent approach for the collection, reporting, verification and exchange of data in NPFC. The aim is twofold: to contribute to strengthening the capacity of the Scientific Committee (SC) in fulfilling its tasks, including undertaking conclusive and robust assessments, and to facilitate the monitoring and enforcement of Conservation and Management Measures (CMMs).

Data collection standards in fisheries are important for ensuring consistency and fostering collaboration. Standardized methods enable data comparability across spatial and temporal scales, facilitating long-term monitoring of fish stocks and ecosystems. This consistency contributes to effective fisheries management, as it supports accurate stock assessments and informed decision-making while enabling Members to work together on shared fisheries resources. Other RFMOs have already implemented standardised data frameworks and formal data-sharing arrangements between Members, CNCPs and Secretariats, demonstrating that clear rules on reporting, validation and access can effectively support both science and compliance.

Standardised electronic log for NPFC sets common standard across NPFC, assisting fishing operators to keep record of fishing activities, facilitating monitoring and enforcement of NPFC CMMs, and enabling enforcement authorities in catch record verification.

Transparent and standardized protocols build trust among stakeholders, ensuring accountability in fisheries management while enhancing public confidence in sustainability efforts. Such standards also underpin the responsible management of fisheries and marine ecosystems.

In the context of the NPFC, Members have made considerable progress in terms of data collection and management. Now there's a need for improvement through more organized and formalized structures and processes. By agreeing on minimum standards for data collection, reporting, verification and exchange of data, Members will strengthen both the scientific basis for advice and the credibility of compliance processes. This is a necessary step toward reducing uncertainty, increasing accountability, and ensuring the long-term conservation and sustainable management of NPFC fisheries resources.

**CONSERVATION AND MANAGEMENT MEASURE
ON MINIMUM STANDARDS FOR THE
COLLECTION, REPORTING, VERIFICATION AND EXCHANGE OF DATA**

The North Pacific Fisheries Commission (NPFC),

Recalling Article 3 (g) of the Convention on the Conservation and Management of High Seas Fisheries resources in the North Pacific Ocean (Convention) requiring to ensure that complete and accurate data concerning fishing activities, including with respect to all target and non-target species within the Convention Area, are collected and shared in a timely and appropriate manner;

Recalling Article 16 of the Convention on Data Collection, Compilation and Exchange;

Mindful that Articles 5 (j) and 6 (3d) of the 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 of 4 December 1995 (1995 Agreement) call for the collection and sharing, in a timely manner, of complete and accurate data concerning fishing activities, including for assessing impacts of fishing on non-target species and associated or dependent species and the ecosystem;

Noting the requirements in Article 7 of the 1995 Agreement, which requires that conservation and management measures established for straddling fish stocks on the high seas and those adopted for areas under national jurisdiction are compatible in order to ensure conservation and management of these fisheries resources in their entirety;

Emphasising that complete and accurate data from fishing vessels is required to adequately inform stock assessment and other scientific evaluation;

Further noting that operational level catch and effort data provides significant value to scientific assessments;

Recognizing the critical role of flag States in recording, maintaining and sharing accurate, complete and timely data on fishing activities in order to support monitoring, control and surveillance activities and ensure compliance with conservation and management measures;

Adopts the following Conservation and Management Measure (CMM) in accordance with Article 7 of the Convention:

1. *[For the NPFC managed fisheries,]* Commission Members and Cooperating non-Contracting Parties (CNCs) *[should]* shall *[take necessary measures to]* ensure that vessels flying their flag *[and operating in the Convention area]* shall:
 - a. complete an accurate *[log, preferably via electronic means]* *[paper/electronic]* log of every fishing day that it spends fishing for fisheries resources managed by the NPFC;
 - b. *[include in the]* *[paper/electronic]* log the information required on interactions with non-target and associated or dependent species, in accordance with relevant CMMs;
 - c. enter in the *[paper/electronic]* log at the end of the day the main activity of the day, including for days with no catches.

2. Commission Members and CNCPs shall ensure that data referred to in paragraph 1 are collected reported by their vessels in accordance with the operational characteristics of each fishing method as described in Annexes 1 to 8 as minimum standards. Commission Members and CNCPs shall make the relevant data [these data] available to the NPFC Scientific Committee for scientific purposes, in accordance with the format agreed by the Commission based on the advice of the Scientific Committee [applicable domestic confidentiality requirements NPFC's Data Sharing and Security Protocol.]
3. Commission Members and CNCPs shall require each vessel referred to in paragraph 1 to provide the information referred to in paragraph 2 to their relevant national to the relevant authority or designated institution of the Commission Member or CNCP in accordance with their laws and regulations. but as soon as practicable but no later than [15 days] after the end of a trip and, where applicable, [15 days] after the end of every transshipment event at sea];
4. Commission Members and CNCPs shall require each vessel referred to in paragraph 1 to keep an accurate and unaltered original or copy of the required information pertaining to the current trip on board the vessel at all times during the course of a trip.
5. Commission Members and CNCPs fishing for fisheries resources managed by the NPFC shall ensure that for each calendar year, annual catch totals raised to live weight (the weight of the whole fish as caught, prior to any processing, i.e. before gutting, heading, or removal of other part) for all species/species groups caught in the Convention Area during that year are collated as described in Annex 8. Commission Members and CNCPs shall provide by 30th June, their previous year's (January to December) annual catch totals raised to "live" weight for all species/ species groups caught.
6. Commission Members and CNCPs are encouraged to provide annual catch data (as described in Annex 8) for all the NPFC straddling stocks/ priority species caught in the area under their jurisdiction adjacent to the Convention Area.
7. The storage, access, use and dissemination of Data collected and described under Annex 8 shall be in accordance with the NPFC Data Sharing and Data Security Protocol stored, accessed, used and disseminated by the Secretariat of NPFC in accordance with the NPFC Data Sharing and Data Security Protocol.
8. The Scientific Committee and Technical and Compliance Committee will advise the Commission on annual basis regarding existing or emerging needs for further improving NPFC data collection, verification, reporting and exchange processes needed to strengthen the robustness of scientific assessments or to reduce uncertainties in scientific advice for NPFC stocks as well as necessary for compliance and control purposes.-
9. This CMM is without prejudice to existing or additional reporting requirements.

ANNEX 1

Minimum Standards for data to be recorded for all fishing activities regardless the fishing gear

Data to be collected on a fishing trip basis.

#	Variable Name	Description	Requirement	Unit	Format / Notes
1	Year	Calendar year of trip	Mandatory	–	Integer (e.g., 2026)
2	Trip number this year	Unique trip ID within year	Mandatory	–	
3	Vessel name	Registered vessel name	Mandatory	–	
4	Current vessel flag	Flag State at time of trip	Mandatory	–	
5	Unique Vessel Identifier / IMO number	IMO or official UVI	Mandatory	–	Numeric (7-digit IMO) or alphanumeric
6	Registration number	National vessel registration number	Optional	–	
7	External identification	External hull marking	Optional	–	
8	International radio call sign	IRCS	Optional	–	
9	Fishing permit/licence number(s)	Authorisation number(s)	Optional	–	
10	Name of master	Registered name of master	Mandatory	–	
11	Address of master	Registered address of master	Mandatory	–	
12	Port of departure	Port where trip started	Mandatory	–	UN/LOCODE
13	Date of departure	Departure date	Optional	–	YYYY-MM-DD (ISO 8601, UTC)
14	Port of arrival	Port where trip ended	Optional	–	UN/LOCODE
15	Date of arrival	Arrival date	Optional	–	YYYY-MM-DD (ISO 8601, UTC)
16	Port of landing	Landing port (if different from port of arrival)	Mandatory	–	UN/LOCODE
17	Date of landing	Landing date	Optional	–	YYYY-MM-DD (ISO 8601, UTC)
18	Species	Species caught	Mandatory	–	NPFC species list
19	Amount of fish onboard at start of trip	“Live” weight equivalent onboard at departure	Optional	Metric tonnes (mt)	
20	Amount of fish onboard after unloading	Remaining onboard after landing	Optional	Metric tonnes (mt)	
21	Total amount of fish kept	Total retained catch	<u>Mandatory</u>	Metric tonnes (mt)	

22	Total amount of fish discarded	Total discards	Optional	Metric tonnes (mt)	
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ANNEX 2

Minimum standards for data to be recorded for trawl fishing activities

Data to be collected on an un-aggregated (tow by tow) **or on a daily basis**.

#	Variable Name	Description	Requirement	Unit	Format / Notes
1	Date of fishing activity	Calendar date of the fishing activity	Mandatory	–	YYYY-MM-DD (ISO 8601, UTC)
2	Fishing gear	Fishing gear used during the tow	Optional	–	
3	Type of trawl	Classification of trawl gear	Mandatory	–	Bottom or mid-water trawl
4	Mesh size	Mesh size used in the tow	Optional	Millimeters (mm)	
5	Height of net opening	Vertical opening of the net	Optional	Meters (m)	
6	Width of net opening	Horizontal opening of the net	Optional	Meters (m)	
7	Gear depth at start of fishing	Depth of gear at beginning of tow	Optional	Meters (m)	
8	Bottom depth at start of fishing	Seafloor depth at tow start location	Optional	Meters (m)	
9	Tow start date and time	Date and time when tow began	Optional	–	YYYY-MM-DD hh:mm:ss (UTC)
10	Tow end date and time	Date and time when tow ended	Optional	–	YYYY-MM-DD hh:mm:ss (UTC)
11	Tow start position	Starting coordinates of tow or the daily fishing activity	Optional	1/100th degree resolution for bottom fishing, 1/10th degree resolution for pelagic trawl-decimal format	Latitude and longitude recorded separately
12	Tow end position	Ending coordinates of tow	Optional	1/100th degree resolution for bottom fishing, 1/10th degree resolution for pelagic trawl-decimal format	Latitude and longitude recorded separately
13	Type Configuration of trawl	Configuration of trawl gear	Optional	–	Single (S), double (D) or triple (T)
14	Intended target species	Intended target species of the tow or the daily fishing activity	Mandatory	–	NPFC species code list
15	Incidental captures of species of concern (marine)	Indicator whether incidental capture occurred during the	Mandatory	–	Yes / No / Unknown

	mammals, seabirds, reptiles or other species of concern) or or benthic taxa or VME indicator taxa, as defined in CMMs 2025-05 and 2025-06)	tow or the daily fishing activity			
16	Species	Species caught in the tow or the daily fishing activity	Mandatory		NPFC species code list
17	Estimated live weight or numbers of catch retained on board for all species caught by the tow including target, bycatch and species of concern. (marine mammals, seabirds, reptiles or VME indicator taxa as defined in CMMs 2025-05 and 2025-06).	Retained catch amount for the species in field 16	Optional	Metric tonnes (mt) Number of marine mammals, seabirds, or reptiles. Metric tonnes (mt) whole or live weight of other taxa	
18	Estimation of the amount of all living marine resources discarded by species, to the extent practicable, including any species of concern (marine mammals, seabirds, reptiles, other species of concern, and benthic taxa or VME indicator taxa, as defined in the CMMs 2025-05 and 2025-06.)	Discarded catch amount for the species in field 16	Optional	Metric tonnes (mt) Number of marine mammals, seabirds, or reptiles. Metric tonnes (mt) whole weight of other taxa.	

ANNEX 3

Minimum standards for data to be recorded for purse seine fishing activities

Data to be collected on an un-aggregated (set-by-set) or on a daily basis.

#	Variable Name	Description	Requirement	Unit	Format / Notes
1	Date of fishing activity (UTC date)	Calendar date of the fishing activity	Mandatory	–	YYYY-MM-DD (ISO 8601, UTC)

2	Fishing gear	Fishing gear used during the set	<u>Optional</u>	–	NPFC species code list
3	Mesh size	Mesh size used in the gear	<u>Optional</u>	Millimeters (mm)	
4	Net length	Total length of net deployed	<u>Optional</u>	Meters (m)	
5	Net height	Vertical height of net	<u>Optional</u>	Meters (m)	
5bis	<u>Total deck light power</u>	<u>Total deck lighting power used</u>	<u>Optional</u>	<u>Kilowatt(kW)</u>	
6	Set start date and time	Date and time when gear deployment started	<u>Optional</u>	–	YYYY-MM-DD hh:mm:ss (UTC)
7	Set end date time	Date and time when gear retrieval ended	<u>Optional</u>	–	YYYY-MM-DD hh:mm:ss (UTC)
8	Set start position	Starting coordinates of the set <u>or the daily fishing activity</u>	<u>Mandatory</u>	1/10th degree resolution - decimal format	Latitude and longitude recorded separately
9	Intended target species	Target species for the set <u>or the daily fishing activity</u>	Mandatory	–	NPFC species code list
10	Incidental captures of species of concern (marine mammals, seabirds, reptiles or other species of concern) or benthic taxa, <u>or VME indicator taxa, as defined in CMMs 2025-05 and 2025-06.</u> (Yes/No/Unknown)	Indicator whether incidental capture occurred during the set <u>or the daily fishing activity</u>	<u>Optional</u>	–	Yes / No / Unknown
11	Species	Species caught in the set <u>or the daily fishing activity</u>	Mandatory	–	NPFC species code list
12	Estimated <u>live weight</u> or <u>numbers</u> of catch retained on board for all species caught in the set <u>by the tow</u> including target, bycatch and species of concern	Retained catch amount for the species in field 11	<u>Optional</u>	<u>Metric tonnes (mt)</u> <u>Number of marine mammals, seabirds, or reptiles,</u> <u>Metric tonnes (mt) whole or live weight of other taxa</u>	

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Commented [かお2]: No VME taxa are not caught by purse seine.

Commented [かお3]: Daily information is also allowed, so the words "in the set" do not seem necessary.

13	Estimation of the amount of all <u>living</u> marine resources discarded by species, to the extent practicable, including any <u>species of concern</u> (marine mammals, seabirds <u>or</u> , reptiles), <u>other species of concern</u> , and benthic <u>taxa</u>	Discarded catch amount for the species in field 11	<u>Optional</u>	<u>Metric tonnes (mt)</u> <u>Number of marine mammals, seabirds, or reptiles,</u> <u>Metric tonnes (mt) whole weight of other taxa</u> <u>Metric tonnes (mt)</u>	
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ANNEX 4

Minimum standards for data to be recorded for jigging fishing activities

Data to be collected on a daily basis.

#	Variable Name	Description	Requirement	Unit	Format / Notes
1	Date of fishing activity (UTC date)	Calendar date of the fishing activity	<u>Mandatory</u>	–	YYYY-MM-DD (ISO 8601, UTC)
2	Fishing gear	Fishing gear used during the operation	<u>Optional</u> <u>Optional</u> <u>Optional</u>	–	
3	Number of crew	Total crew onboard during fishing activity	<u>Optional</u>	Count	
4	Number of single jig machines	Total number of single jig machines deployed	<u>Optional</u>	Count	
5	Number of double jig machines	Total number of double jig machines deployed	<u>Optional</u>	Count	
6	Number of jigs per line	Number of jigs attached per line	<u>Optional</u>	Count	
7	Maximum Operating depth	Maximum fishing depth during operation	<u>Optional</u>	Meters (m)	
8	Total deck light power	Total deck lighting power used	<u>Optional</u>	Kilowatt (kW)	
9	Total hours fished	Total duration of fishing effort	<u>Optional</u>	Hours (h)	
10	Position at start of <u>first</u> drift	Starting coordinates <u>at the start</u> of the <u>first</u> drift <u>or the daily fishing activity</u>	<u>Optional</u>	1/10th degree resolution – decimal format	Latitude and longitude recorded separately
11	Position at end of <u>last</u> drift	Ending coordinates <u>at the end of the last</u> drift <u>of the day</u>	<u>Optional</u>	1/10th degree resolution – decimal format	Latitude and longitude recorded separately
12	Echo Sounder	Whether echo sounder	<u>Optional</u>	–	Yes / No

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Commented [SL6]: (KR) Optional is preferred since this data field needs to be added in the system

Commented [SL7]: (KR) Optional is preferred since we need time to improve the system to calculate total hours

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		equipment was used			
13	Intended target species	Target species for the fishing activity	Optional	–	NPFC species code list
14	Incidental captures of species of concern (marine mammals, seabirds or reptiles) or other species of concern) or benthic taxa	Indicator whether incidental capture occurred	Optional	–	Yes / No / Unknown
15	Species	Species caught in the the daily fishing activity fishing operation	Optional	–	NPFC species code list
16	Estimated live-weight or numbers of catch retained on board for all species caught by the tow including target, bycatch and species of concern (marine mammals, seabirds, or reptiles)	Retained catch amount for the species in field 15	Optional	Metric tonnes (mt) Number of marine mammals, seabirds, or reptiles, Metric tonnes (mt) whole or live weight of other taxa	
17	Estimation of the amount of all living marine resources discarded by species, to the extent practicable, including any marine mammals, seabirds, reptiles, other species of concern, and benthic taxa species of concern (marine mammals, seabirds, or reptiles)	Discarded catch amount for the species in field 15	Optional	Metric tonnes (mt) Number of marine mammals, seabirds, or reptiles, Metric tonnes (mt) whole weight of other taxa	

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ANNEX 5

Minimum standards for data to be recorded for stick-held dip net fishing activities

Data to be collected on an un-aggregated (haul by haul) a daily basis.

#	Variable Name	Description	Requirement	Unit	Format / Notes
1	Date of fishing activity	Calendar date of the fishing activity	Mandatory	–	YYYY-MM-DD (ISO 8601, UTC)

<u>2</u>	<u>Start of fishing activity</u>	<u>Start time of the fishing activity</u>	<u>Optional</u>	-	<u>00:00 UTC (ISO 8601, UTC)</u>
<u>32</u>	Fishing gear	Fishing gear used during the <u>fishing activity haul</u>	<u>MandatoryOptional</u>	-	
<u>43</u>	Number of crew	Total crew onboard during fishing activity	<u>Mandatory</u>	Count	
<u>54</u>	Mesh size	Mesh size used in the net	<u>Optional</u>	Millimeters (mm)	
<u>65</u>	Net length	Total length of net deployed	<u>Optional</u>	Meters (m)	
<u>76</u>	<u>Net heightMaximum operating depth</u>	Vertical height of the net	<u>Optional</u>	Meters (m)	
<u>87</u>	Total deck light power	Total deck lighting power used	<u>Optional</u>	Kilowatt (kW)	
<u>98</u>	Total hours fished	Total fishing effort duration	<u>Optional</u>	Hours (h)	
<u>9</u>	<u>Haul start date and timeNumber of hauls</u>	<u>Date and time when haul beganTotal number of hauls</u>	<u>Optional</u>	-	<u>YYYY-MM-DD hh:mm:ss (UTC)</u>
<u>10</u>	<u>Haul end date and time</u>	<u>Date and time when haul ended</u>		-	<u>YYYY-MM-DD hh:mm:ss (UTC)</u>
<u>11</u>	<u>Haul start position</u>	<u>Starting coordinates of the haul</u>		<u>1/100th degree resolution—decimal format</u>	<u>Latitude and longitude recorded separately; WGS84</u>

Commented [SL14]: (KR) Optional is preferred since this data field needs to be added in the system

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12	Haul end position	Ending coordinates of the haul		1/100th degree resolution—decimal format	Latitude and longitude recorded separately; WGS84
130	Intended target species	Target species of the haul; the daily fishing activity	Optional	–	NPFC species code list
114	Incidental captures of species of concern (marine mammals, seabirds, reptiles or other species of concern) or benthic taxa (marine mammals, seabirds, or reptiles)	Indicator whether incidental capture occurred	Optional	–	Yes / No / Unknown
125	Species	Species caught in the haul; the daily fishing activity	Optional	–	NPFC species code list
136	Estimated live weight or numbers of catch retained on board for all species caught by the tow including target, bycatch and species of concern	Retained catch amount for the species in field 1512	Optional	Metric tonnes (mt) Number of marine mammals, seabirds, or reptiles, Metric tonnes (mt) whole or live weight of other taxa	
147	Estimation of the amount of all living marine resources discarded by species, to the extent practicable, including any species of concern (marine mammals, seabirds or reptiles), other species of concern, and benthic taxa	Discarded catch amount for the species in field 1512[?]	Optional	Metric tonnes (mt) Number of marine mammals, seabirds, or reptiles, Metric tonnes (mt) whole weight of other taxa	

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Commented [SL19]: (KR) Optional is preferred since our system does not reflect inputting mammal and reptiles category.

Commented [SL20]: (KR) Optional is preferred since our system does not reflect inputting mammal and reptiles

Commented [SL22]: (KR) Optional is preferred since our system does not reflect inputting mammal and reptiles

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ANNEX 6

Minimum standards for data to be recorded for bottom gillnets fishing activities

Data to be collected on an un-aggregated (sethaul-by sethaul) basis.

#	Variable Name	Description	Requirement	Unit	Format / Notes
1	Date of fishing activity	Calendar date of the fishing activity	Mandatory	–	YYYY-MM-DD (ISO 8601, UTC)
2	Fishing gear	Fishing gear used during the operation	Mandatory	–	NPFC gear code list
3	Total net length	Total length of net deployed	Mandatory Optional	Meters (m)	
4	Total length of net lost	Total length of net lost during operation	Optional Mandatory	Meters (m)	
5	Net height	Vertical height of the net	Optional Mandatory	Meters (m)m	
6	Mesh size	Mesh size used in the net	Mandatory	Millimeters (mm)	
7	Minimum and maximum depth of the set	Depth range of gear during set	Mandatory Optional	Meters (m)	Record as two numeric fields (minimum depth, maximum depth)
8	Set Haul start date and time	Date and time when haul began	Mandatory	–	YYYY-MM-DD hh:mm:ss (UTC)
9	Set Haul end date and time	Date and time when haul ended	Mandatory	–	YYYY-MM-DD hh:mm:ss (UTC)
10	Set Haul start position	Starting coordinates of the haul	Mandatory	1/100th degree resolution – decimal format	Latitude and longitude recorded separately; WGS84
11	Set Haul end position	Ending coordinates of the haul	Mandatory	1/100th degree resolution – decimal format	Latitude and longitude recorded separately; WGS84
12	Intended target species	Target species for the fishing operation	Optional Mandatory	–	NPFC species code list
13	Incidental captures of species of concern (marine mammals, seabirds, reptiles or other species of concern) or benthic taxa or VME indicator species as defined in CMMs 2025-05 and 2025-06	Indicator whether incidental capture occurred	Mandatory	–	Yes / No / Unknown
14	Species	Species caught in the haul	Mandatory	–	NPFC species code list

15	Estimated <u>numbers</u> or <u>live-weight</u> of catch retained on board for all species caught by the tow including target, bycatch and species of concern (<u>marine mammals, seabirds, reptiles or VME indicator species as defined in CMMs 2025-05 and 2025-06</u>)	Retained catch amount for the species in field 14	<u>Mandatory</u>	<u>Metric tonnes (mt)</u> <u>Number of marine mammals, seabirds, or reptiles, Metric tonnes (mt) whole or live weight of other taxa</u>
16	Estimation of the amount of all living marine resources discarded by species, to the extent practicable, including any <u>species of concern</u> (marine mammals, seabirds, reptiles, other species of concern , and benthic taxa, <u>or VME indicator species as defined in CMMs 2025-05 and 2025-06</u>)	Discarded catch amount for the species in field 14	<u>Optional</u> <u>Mandatory</u>	<u>Metric tonnes (mt)</u> <u>Number of marine mammals, seabirds, or reptiles, Metric tonnes (mt) whole weight of other taxa</u>

ANNEX 7

Minimum standards for data to be recorded for bottom traps

#	Variable Name	Description	Requirement	Unit	Format / Notes
1	Date of fishing activity	Calendar date of the fishing activity	Mandatory	–	YYYY-MM-DD (ISO 8601, UTC)
2	Fishing gear	Fishing gear used during the operation	Mandatory	–	
3	Number of traps deployed	Total number of traps set	Mandatory	Meters (m)	
4	Number of traps retrieved	Total number of traps hauled	Mandatory	Meters (m)	
5	Trap type	Type/Design of trap	Mandatory	Meters (m)	Text (e.g., conical, rectangular, collapsible)
6	Trap dimensions	Length × width × height of trap	Mandatory	Meters (m)	
7	Total trap set length	The total horizontal length of the trap line on the seabed.	Mandatory	Meters (m)	
8	Bait type	Type of bait used	Mandatory	–	
9	Deployment date and time	Date and time traps were set	Mandatory	–	YYYY-MM-DD hh:mm:ss (UTC)
10	Retrieval date and time	Date and time traps were hauled	Mandatory	–	YYYY-MM-DD hh:mm:ss (UTC)
11	Deployment position	Coordinates where traps were deployed	Mandatory	1/100th degree resolution – decimal format	Latitude and longitude recorded separately; WGS84
12	Retrieval position	Coordinates where traps were retrieved	Mandatory	1/100th degree resolution – decimal format	Latitude and longitude recorded separately; WGS84
13	Intended target species	Target species for the fishing operation	Mandatory	–	NPFC FAO code list
14	Incidental captures of species of concern (marine mammals, seabirds, reptiles or other species of concern or benthic taxa, or VME indicator species as defined in CMMs 2025-05 and 2025-06)	Indicator whether incidental capture occurred	Mandatory	–	Yes / No / Unknown

1 5	Species	Species caught	<u>Mandatory</u>	–	NPFC species code list
1 6	Estimated <u>numbers</u> or <u>live weight</u> of catch retained on board for all species caught by the tow including target, bycatch and species of concern (<u>marine mammals, seabirds, reptiles, benthic taxa, or VME indicator species as defined in CMMs 2025-05 and 2025-06</u>)	Retained catch amount for the species in field 14	<u>Mandatory</u>	<u>Metric tonnes (mt)</u> <u>Number of marine mammals, seabirds, or reptiles, Metric tonnes (mt) whole or live weight of other taxa</u>	
1 6	Estimation of the amount of all living marine resources discarded by species, to the extent practicable, including any <u>species of concern</u> (marine mammals, seabirds, reptiles, other species of concern, and benthic taxa, or VME indicator species as defined in CMMs 2025-05 and 2025-06)	Discarded catch amount for the species in field 14	<u>Mandatory</u>	<u>Metric tonnes (mt)</u> <u>Number of marine mammals, seabirds, or reptiles, Metric tonnes (mt) whole weight of other taxa</u>	

ANNEX 8

Minimum standards for Annual Catch Data reporting

Annual catch summaries should list all NPFC species caught in the Convention Area during the Calendar year.

For a calendar year and for each distinct combination of Sea Type, FAO statistical area, and priority species (FAO 3-alpha code) provide the following data:

#	Variable Name	Description	<u>Requirement</u>	Unit	Format / Notes
1	Calendar year	Reporting year	<u>Mandatory</u>	–	YYYY (e.g., 2026)
2	Sea Type	Maritime jurisdiction of fishing activity	<u>Mandatory</u>	–	Either “HS” – High Seas - or “EEZ” – Exclusive Economic Zone
3	FAO Statistical Area	FAO major fishing area code	<u>Optional</u>	–	Numeric or standard FAO

					code (e.g., 27, 61)
4	Species	Species reported	Mandatory	–	NPFC species code list
5	Fishing gear	Fishing gear classification	Mandatory	–	NPFC gear code list
6	Annual catch total – tonnes raised to “live” weight	Total annual catch converted to live weight equivalent	Mandatory	Metric tonnes (mt)	
7	Number of vessels	Total distinct vessels participating in fishery	Mandatory	Count	
8	Number of active days fished	Total fishing days (Total time spent actively fishing (excludes transit, searching, or any other non-fishing activities) expressed in days)	Mandatory	Days	