

Comments from CPCs and revised templates for electronic monitoring systems (EMS), domestic programmes description, and implementation reports

(Submitted by ICCAT Secretariat)

In accordance with paragraphs 14, 15, and 16b) of the *Recommendation by ICCAT to establish minimum standards and programme requirements for the use of electronic monitoring systems (EMS) in ICCAT fisheries (Rec. 23-18)*, the Secretariat prepared two templates as suggestions for use to transmit the report on implementation of EMS domestic programmes and the EMS domestic programme description. Both templates are currently available on the [ICCAT website](#).

During the Meeting of the Electronic Monitoring Systems Working Group (EMS WG), held in hybrid format on 10 June 2024 in Porto (Portugal), the European Union suggested circulating these templates, presented respectively as documents EMS_05/i2024 (**Appendix 1**) and EMS_06/i2024 (**Appendix 2**), to CPCs for comments. For this purpose, the Secretariat distributed ICCAT Circular # 05960/2024. After compiling the comments, revised templates are submitted for review by the Permanent Working Group for the Improvement of ICCAT Statistics and Conservation Measures (PWG) at the 24th Special Meeting of the Commission.

Comments on the report on implementation of EMS domestic programmes template were received from the European Union and Japan (**Appendices 3** and **4**, respectively) and comments on the EMS domestic programme description template were received from the European Union (**Appendix 5**).

Report on the results of the implementation of its EMS domestic programme during (YYYY)

(Rec. 23-18, para 16 b)

1. Number of vessels monitored
2. Fishing effort monitored (specify unit)
3. Coverage levels achieved by fishery and gear type
4. Details on how those coverage levels were calculated
5. Information on compliance monitoring, where appropriate

EMS domestic programme description

(Rec. 23-18, para 14)

1. Example of the Vessel Monitoring Plan (VMP) used in the programme
2. Responsibilities of fisheries authorities and vessel owner/crew with respect to:
 - Installing and maintaining equipment (including routine cleaning of cameras)
 - Responses to mechanical or technical failure of the EMS
3. Protocols for data storage and retrieval
4. List of any ICCAT measures where the use of EMS is necessary for the CPC to meet the requirements of ICCAT recommendation(s):
 - For monitoring compliance
 - Protocols for reporting and following up on potential infringements mentioned in [Rec. 23-18 Annex 5](#)

Comments from the EU on the Report on the results of the implementation of its EMS domestic programme during (YYYY)

(Rec. 23-18, para 16 b)

(submitted by the EU)

1. Number of vessels subject to observer requirements under ICCAT rules, broken down by fishery and gear type
2. Number of vessels monitored and coverage levels achieved, broken down into human observer and EMS monitoring, and by fishery and gear type
3. Fishing effort monitored (specify unit) achieved by fishery and gear type (both human and EMS)
[...]
4. Details on how those coverage levels were calculated
[...]
5. Possible technical failures in the operation of the system and their impact (number of hours/days and percentage of the total trip, when no information was received)
6. When the EMS is used for science purposes:
 - Details on the data analysis performed (percentage of days/operations analysed, method: random, etc.)
 - Details on the completeness of data extracted and submitted to ICCAT as part of the observer data used for science (ST-09 forms or others adopted in the future)
7. When the EMS is used for monitoring compliance:
 - List of the ICCAT measures that were monitored with the use of EMS (i.e. para 37 Rec. 22-01 - Use of FADs, para 50 Rec. 22-01 - Accurate recording of catches, etc.)
 - Details on the data analysis performed (percentage of days/operations analysed, method: risk-based or random)
 - List and details of the non-compliances detected

Comments from Japan on the Report on the results of the implementation of its EMS domestic programme during (YYYY)

(Rec. 23-18, para 16 b)

(submitted by Japan)

1. Number of vessels or fishing efforts (specify unit) monitored

[...]

2. Coverage levels achieved by fishery and gear type

3. Details on how those coverage levels were calculated

4. Information on compliance monitoring, where appropriate

Note: CPCs can provide this information in the body text of their Annual Report.

Comments from the EU on the EMS domestic programme description

(Rec. 23-18, para 14)

(submitted by the EU)

1. Number of vessels to be covered by the EMS, broken down by fishery and gear type
2. Example of the Vessel Monitoring Plan (VMP) used in the programme (for each type of vessel and/or fishery)
3. Responsibilities of fisheries authorities and vessel owner/crew with respect to:
 - Installing and maintaining equipment (including routine cleaning of cameras)
 - Responses to mechanical or technical failure of the EMS
4. Protocols for data storage and retention, and data transmission or retrieval
5. CPC-authorized independent companies, CPC institutions or CPC authorities in charge of EMS data analysis
6. When the EMS is used for science purposes:
 - Method of data analysis to be employed (risk-based or random, percentage of video analysed, use of sensors for data analysis)
 - Details on protocol for data extraction and submission to ICCAT as part of the observer data used for science (ST-09 forms or others adapted for EMS data in the future)
7. When the EMS is used for monitoring compliance:
 - List of ICCAT measures to be monitored with the use of EMS (i.e. para 37 Rec. 22-01 - Use of FADs, para 50 Rec. 22-01 - Accurate recording of catches, etc.)
[...]
 - Method of data analysis to be employed (risk-based or random, percentage of video analysed, use of sensors for data analysis)
 - Protocols for reporting and following up on potential infringements mentioned in Rec. 23-18 Annex 5