



11th Annual Meeting of the Scientific Committee (SC11)

Fremantle, Australia, 23-31 March 2026

SC-11-43

Feedback on the trial of the new data collection forms

Delegation of France Overseas Territories

| | |
|---|---|
| Document type | Working paper <input checked="" type="checkbox"/> Information paper <input type="checkbox"/> |
| Distribution (important, please indicate an option) | Public <input checked="" type="checkbox"/> Restricted ¹ <input type="checkbox"/> Closed session document ² <input type="checkbox"/> |
| Abstract | |
| At the 12th Meeting of the Parties (MoP12) changes to the required fields for observer data have been endorsed (CMM-02(2025)) and Excel trial logbooks for observers' data (2025 update) were available for trial phase by CCPs. During 2025, the forms were tested by the FR-OT technical coordinator and data manager in order to propose improvements, particularly in terms of usability, based on their extensive experience. Several cell formats and data validations are here proposed to be added in order to ensure data quality and consistency. | |

¹ Restricted documents may contain confidential information. Please do not distribute restricted documents in any form without the explicit permission of the SIOFA Secretariat and the data owner(s)/provider(s).

² Documents available only to members invited to closed sessions.

Recommendations

- SIOFA SC **considers** these proposals for data form improvements
- SIOFA SC **considers** the provision of these logbook files for data collection on a voluntary basis and for the systematic submission of data.
- SIOFA SC **requests** the Secretariat to implement harmonization between logbook files for data collection and template for data submission.

Feedback on the trial of the new data collection forms

Chazeau C.¹, Gasco N.¹

¹Laboratoire de Biologie des Organismes et des Ecosystèmes Aquatiques (BOREA) – Muséum national d'Histoire naturelle, 43 rue Cuvier 75005 Paris, France.

Introduction

At the 12th Meeting of the Parties (MoP12) changes to the required fields for observer data have been endorsed (CMM-02(2025)) and Excel trial logbooks for observers' data (2025 update) were available for trial phase by CCPs.

Three articles in the SC10 report, under agenda item "12.1.1 Presentation of the report of the Workshop on Scientific Observers forms (WS2024-OBS2)" mention the development of the observer logbook and suggestions for improvements to be considered during the logbook trial phase :

"514. The SC noted that future development of the observer logbooks should include a short form of instruction within the logbook spreadsheets to help with filling them out, e.g. using the "cell comment" function in Excel, in addition to external instructions and the observer manual."

515. The SC encouraged the use of dropdown fields or other means of data validation as much as possible in the observer forms during their future development, so as to facilitate data entry and prevent errors.

531. The SC tasked the Secretariat to include further improvements to the observer logbooks, including introducing field validation routines and locking cells with the aim to reduce input errors."

During 2025, the forms were tested by the FR-OT technical coordinator and data manager in order to propose improvements, particularly in terms of usability, while following the SC report instructions. The main objective being to facilitate the observer's work.

Data quality is directly impacted by the quality of the data collection table provided to the observers and data quality has a huge impact on the results of analyses and models leading to decisions thus we would like to strongly emphasize that the improvement of those logbook is crucial and urgent.

Methods

We only worked on the trial form for the longline fishery (i.e SIOFA_Demersal_Longline_Observer_Logbook_2025) but the propositions can also be applicable to the other forms for the other fisheries.

For each column in each of the logbook spreadsheets, we comment on two things : the cell format (date, integer etc) and the validation (use of dropdown menu, thresholds ...).

These proposals are based on more than two decades of experience in collecting fisheries data using Excel files and monitoring fishery observers.

Results

The results of our tests of the trial form on cell format and data validation are presented in Annex A.

We also would like to raise several points:

- The need to add a table with versioning to keep track of changes through time linked to a version number
- Each table should start at the same row and each field of data should use a single identifier (Figure 1) to allow script to be run, either to populate the file or to query data, in the current version there is no way to do this
- Add a cell comment (Figure 2) to explain to the user what to do. The text explaining each data field in the Scientific Observer Logbooks instruction manual should be used in these cells comments.
- Add a more comprehensive table explaining the content and purpose of each table based on the Scientific Observer Logbooks instruction manual. All the information needed to fill up the data must be available in the logbook to makes observer's life easier, rather than referring to other documents they might not find easily.

| | | longline | species | LS | LT | LA | LF |
|----|----------------------|------------------------|--------------------|---------------|---------------|---------------|---------------|
| 9 | | | | | | | |
| 10 | unique identifier -> | biological_haul_number | biological_species | biological_SL | biological_TL | biological_AL | biological_FL |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |

Figure 1 : example of the use of a single identifier (Excel line 10 in white wording) for each data field

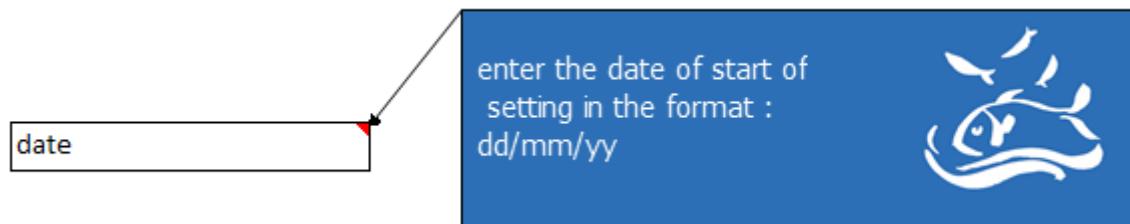


Figure 2 : example of a cell comment

References

- Report of the Tenth Meeting of the Scientific Committee of the Southern Indian Ocean Fisheries Agreement (SIOFA). SIOFA-SC10-Report.
- The Scientific Observer Logbooks instruction manual
(<https://siofa.org/sites/default/files/observers-resources/Scientific-Observer-Logbooks-instruction-manual.pdf>)
- CMM-02(2025) Conservation and Management Measure for the Collection, Reporting, Verification and Exchange of Data relating to fishing activities in the Agreement Area (Data Standards)

Annex A

Below is presented a table for each spreadsheet.

Fishing Gears

| | | | cell format | | data validation | |
|-------------------------|-------|-----------|-------------|--------------------------|--|------------------------|
| header | row | column | used | comment from authors | used | comment from authors |
| Line ID | row 4 | column 2 | General | change format to integer | | ok |
| Gear Type | row 4 | column 3 | General | ok | type 3: liste (PS (Purse seines no 1.1),LA etc..... | ok |
| Line Configuration | row 4 | column 4 | General | ok | | need a drop-down menu |
| Mainline Material | row 4 | column 5 | General | ok | | need a drop-down menu |
| Mainline Diameter | row 4 | column 6 | General | change format to decimal | | add min max thresholds |
| Integrated weight (g/m) | row 4 | column 7 | General | change format to decimal | | add min max thresholds |
| Weight spacing (m) | row 4 | column 8 | General | change format to decimal | | add min max thresholds |
| Weight type | row 4 | column 9 | General | ok | | need a drop-down menu |
| Average weight (kg) | row 4 | column 10 | General | change format to decimal | | add min max thresholds |
| Standard deviation (kg) | row 4 | column 11 | General | change format to decimal | | add min max thresholds |
| Material | row 4 | column 12 | General | ok | | need a drop-down menu |

SC-11-43 - Feedback on the trial of the new data collection forms

| | | | | | | |
|-------------------------------|-------|-----------|---------|--------------------------|--|------------------------|
| Length (m) | row 4 | column 13 | General | change format to decimal | | add min max thresholds |
| Spacing (m) | row 4 | column 14 | General | change format to decimal | | add min max thresholds |
| Weight (kg) | row 4 | column 15 | General | change format to decimal | | add min max thresholds |
| Weight distance from hook (m) | row 4 | column 16 | General | change format to decimal | | add min max thresholds |
| Snood Material | row 4 | column 17 | General | ok | | need a drop-down menu |
| Snood Length | row 4 | column 18 | General | change format to decimal | | add min max thresholds |
| Type (J, C) | row 4 | column 19 | General | ok | | need a drop-down menu |
| Manufacturer | row 4 | column 20 | General | ok | | ok |
| Marking | row 4 | column 21 | General | ok | | ok |
| Model Name | row 4 | column 22 | General | ok | | need a drop-down menu |
| Size (mm) | row 4 | column 23 | General | change format to decimal | | add min max thresholds |
| Shank (mm) | row 4 | column 24 | General | change format to decimal | | add min max thresholds |
| Gape (mm) | row 4 | column 25 | General | change format to decimal | | add min max thresholds |

Mitigation Gears

| | | | cell format | | data validation | |
|--|-------|-----------|-------------|--------------------------|--|------------------------|
| header | row | column | used | comment from authors | used | comment from authors |
| Mitigation Gear ID | row 5 | column 2 | General | change format to integer | | add min max thresholds |
| Type | row 5 | column 3 | General | ok | type 3: liste (Streamer line,Bird baffler,Other | ok |
| Streamer line height above water attached (m) | row 5 | column 4 | General | change format to decimal | | add min max thresholds |
| Number of streamer lines regularly set | row 5 | column 5 | General | change format to integer | | add min max thresholds |
| Streamer line position | row 5 | column 6 | General | ok | | need a drop-down menu |
| Streamer line length (m) | row 5 | column 7 | General | change format to integer | | add min max thresholds |
| Streamer length min (m) | row 5 | column 8 | General | change format to decimal | | add min max thresholds |
| Streamer length max (m) | row 5 | column 9 | General | change format to decimal | | add min max thresholds |
| Streamer line distance between streamers (m) | row 5 | column 10 | General | change format to decimal | | add min max thresholds |
| Distance from attachment point to first streamer (m) | row 5 | column 11 | General | change format to decimal | | add min max thresholds |
| Number of streamers | row 5 | column 12 | General | change format to integer | | add min max thresholds |

SC-11-43 - Feedback on the trial of the new data collection forms

| | | | | | | |
|--|-------|-----------|---------|--------------------------|--|------------------------|
| Streamer material | row 5 | column 13 | General | ok | | need a drop-down menu |
| Streamer diameter | row 5 | column 14 | General | change format to decimal | | add min max thresholds |
| Streamer colours | row 5 | column 15 | General | ok | | need a drop-down menu |
| Streamer line aerial extent of line | row 5 | column 16 | General | change format to integer | | add min max thresholds |
| Towed object | row 5 | column 17 | General | ok | | need a drop-down menu |
| Streamer line method used to assess extent | row 5 | column 18 | General | ok | | need a drop-down menu |
| Distance from stern to bait entry point | row 5 | column 19 | General | change format to integer | | add min max thresholds |
| Vertical distance from bait entry point to streamer line | row 5 | column 20 | General | change format to integer | | add min max thresholds |

Fishing Operations

| header | row | column | cell format | | data validation | |
|----------------------------|-------|-----------|-------------|--------------------------|-----------------|------------------------|
| | | | used | comment from authors | used | comment from authors |
| Set ID | row 5 | column 2 | General | change format to integer | | add min max thresholds |
| Line ID (ref fishing gear) | row 5 | column 3 | General | change format to integer | | ok |
| Mitigation Gear1 ID | row 5 | column 4 | General | ok | | need a drop-down menu |
| Mitigation Gear2 ID | row 5 | column 5 | General | ok | | need a drop-down menu |
| Mitigation Gear3 ID | row 5 | column 6 | General | ok | | need a drop-down menu |
| Target Species | row 5 | column 7 | General | ok | | need a drop-down menu |
| Set type (R/C) | row 5 | column 8 | General | ok | | need a drop-down menu |
| C&E Operation Identifier | row 5 | column 9 | General | ok | | need a drop-down menu |
| Setting Observed? | row 5 | column 11 | General | ok | | need a drop-down menu |
| Date | row 5 | column 12 | General | change format to date | | add min max thresholds |
| Time | row 5 | column 13 | General | change format to hh:mm | | add min max thresholds |

SC-11-43 - Feedback on the trial of the new data collection forms

| | | | | | | |
|---|-------|-----------|---------|--|--|------------------------|
| Latitude | row 5 | column 14 | General | change format to integer and add a minute column in decimal format 00,00 | | add min max thresholds |
| Longitude | row 5 | column 15 | General | change format to integer and add a minute column in decimal format 00,00 | | add min max thresholds |
| Bottom depth (m) | row 5 | column 16 | General | change format to integer | | add min max thresholds |
| Setting speed (knots) | row 5 | column 17 | General | change format to decimal | | add min max thresholds |
| Setting position (port, starboard, stern) | row 5 | column 18 | General | ok | | need a drop-down menu |
| Date | row 5 | column 19 | General | change format to date | | add min max thresholds |
| Time | row 5 | column 20 | General | change format to hh:mm | | add min max thresholds |
| Latitude | row 5 | column 21 | General | change format to integer and add a minute column in decimal format 00,00 | | add min max thresholds |
| Longitude | row 5 | column 22 | General | change format to integer and add a minute column in decimal format 00,00 | | add min max thresholds |
| Bottom depth (m) | row 5 | column 23 | General | change format to integer | | add min max thresholds |
| Offal Dumping (Yes/No) | row 5 | column 24 | General | ok | | need a drop-down menu |
| Main line length (m) | row 5 | column 25 | General | change format to integer | | add min max thresholds |
| Number hooks set | row 5 | column 26 | General | change format to integer | | add min max thresholds |

SC-11-43 - Feedback on the trial of the new data collection forms

| | | | | | | |
|--------------------------------|-------|-----------|---------|--|--|------------------------|
| Bait Species FAO code(s) | row 5 | column 27 | General | ok | | need a drop-down menu |
| % Hook baited | row 5 | column 28 | General | change format to % | | add min max thresholds |
| Deck light during setting | row 5 | column 29 | General | ok | | need a drop-down menu |
| Bait entry position | row 5 | column 30 | General | ok | | need a drop-down menu |
| Date | row 5 | column 32 | General | change format to date | | add min max thresholds |
| Time | row 5 | column 33 | General | change format to hh:mm | | add min max thresholds |
| Latitude | row 5 | column 34 | General | change format to integer and add a minute column in decimal format 00,00 | | add min max thresholds |
| Longitude | row 5 | column 35 | General | change format to integer and add a minute column in decimal format 00,00 | | add min max thresholds |
| Date | row 5 | column 36 | General | change format to date | | add min max thresholds |
| Time | row 5 | column 37 | General | change format to hh:mm | | add min max thresholds |
| Latitude | row 5 | column 38 | General | change format to integer and add a minute column in decimal format 00,00 | | add min max thresholds |
| Longitude | row 5 | column 39 | General | change format to integer and add a minute column in decimal format 00,00 | | add min max thresholds |
| Was haul observed for bycatch? | row 5 | column 40 | General | ok | | need a drop-down menu |

SC-11-43 - Feedback on the trial of the new data collection forms

| | | | | | | |
|--------------------------------------|-------|-----------|---------|--------------------------|--|------------------------|
| % of the haul observed for bycatch | row 5 | column 41 | General | change format to % | | add min max thresholds |
| Offal Dumping (Yes/No) | row 5 | column 42 | General | ok | | need a drop-down menu |
| Nb of sections lost | row 5 | column 43 | General | change format to integer | | add min max thresholds |
| Nb of hooks attached to section lost | row 5 | column 44 | General | change format to integer | | add min max thresholds |
| Nb of other hooks lost | row 5 | column 45 | General | change format to integer | | add min max thresholds |
| Comments | row 5 | column 46 | General | ok | | ok |

Observed Catch

| header | row | column | cell format | | data validation | |
|--------------------------------|-------|-----------|-------------|--------------------------|---------------------------------|--|
| | | | used | comment from authors | used | comment from authors |
| Set ID | row 4 | column 2 | General | change format to integer | | add min max thresholds |
| Observer ID | row 4 | column 3 | General | change format to integer | | need a drop-down menu 1 to 3 |
| FAO Species code | row 4 | column 4 | General | ok | type 3: liste (AAA,AAB,AAC etc | need a drop-down menu with selected species and a list of all species that can be added to this menu if needed |
| Weight retained (kg) | row 4 | column 5 | General | change format to decimal | | add min max thresholds |
| Number retained | row 4 | column 6 | General | change format to integer | | add min max thresholds |
| Number retained with Tags | row 4 | column 7 | General | change format to integer | | add min max thresholds |
| Weight discarded (kg) | row 4 | column 8 | General | change format to decimal | | add min max thresholds |
| Number discarded | row 4 | column 9 | General | change format to integer | | add min max thresholds |
| Number discarded alive | row 4 | column 10 | General | change format to integer | | add min max thresholds |
| Number discarded dead | row 4 | column 11 | General | change format to integer | | add min max thresholds |
| Number of fish lost at surface | row 4 | column 12 | General | change format to integer | | add min max thresholds |

SC-11-43 - Feedback on the trial of the new data collection forms

| | | | | | | |
|---------------------------|-------|-----------|---------|--------------------------|--|------------------------|
| Number of fish cut-off | row 4 | column 13 | General | change format to integer | | add min max thresholds |
| Number of Fish Depredated | row 4 | column 14 | General | change format to integer | | add min max thresholds |
| Comments | row 4 | column 15 | General | ok | | ok |

ETP species bycatch

| header | row | column | cell format | | data validation | |
|------------------|-------|-----------|-------------|--------------------------|---------------------------------|--|
| | | | used | comment from authors | used | comment from authors |
| Set ID | row 4 | column 2 | General | change format to integer | | add min max thresholds |
| Presence? (Y/N) | row 4 | column 3 | General | ok | | need a drop-down menu |
| FAO Species code | row 4 | column 4 | General | ok | type 3: liste (AAA,AAB,AAC etc | need a drop-down menu with selected species and a list of all species that can be added to this menu if needed |
| Number caught | row 4 | column 5 | General | change format to integer | | add min max thresholds |
| Number released | row 4 | column 6 | General | change format to integer | | add min max thresholds |
| Retained | row 4 | column 7 | General | change format to integer | | add min max thresholds |
| Discarded | row 4 | column 8 | General | change format to integer | | add min max thresholds |
| Released | row 4 | column 9 | General | change format to integer | | add min max thresholds |
| Number sampled | row 4 | column 10 | General | change format to integer | | add min max thresholds |
| Comments | row 4 | column 11 | General | ok | | ok |

Biological

| header | row | column | cell format | | data validation | |
|------------------------|-------|-----------|-------------|--------------------------|---------------------------------|--|
| | | | used | comment from authors | used | comment from authors |
| Set ID | row 4 | column 2 | General | change format to integer | | add min max thresholds |
| FAO Species Code | row 4 | column 3 | General | ok | type 3: liste (AAA,AAB,AAC etc | need a drop-down menu with selected species and a list of all species that can be added to this menu if needed |
| Fish Serial Number | row 4 | column 4 | General | change format to integer | | add min max thresholds |
| Observer ID | row 4 | column 5 | General | change format to integer | | need a drop-down menu 1 to 3 |
| Total Length (cm) | row 4 | column 6 | General | change format to decimal | | add min max thresholds |
| Standard Length (cm) | row 4 | column 7 | General | change format to decimal | | add min max thresholds |
| Snout-Anus Length (cm) | row 4 | column 8 | General | change format to decimal | | add min max thresholds |
| Pelvic Length (cm) | row 4 | column 9 | General | change format to decimal | | add min max thresholds |
| Wingspan (cm) | row 4 | column 10 | General | change format to decimal | | add min max thresholds |
| Length Method | row 4 | column 11 | General | ok | | need a drop-down menu |

SC-11-43 - Feedback on the trial of the new data collection forms

| | | | | | | |
|------------------------------------|-------|-----------|---------|--------------------------|--|------------------------|
| Weight (kg) | row 4 | column 12 | General | change format to decimal | | add min max thresholds |
| Weight Method | row 4 | column 13 | General | ok | | need a drop-down menu |
| Sex | row 4 | column 14 | General | ok | | need a drop-down menu |
| Maturity Stage | row 4 | column 15 | General | change format to integer | | need a drop-down menu |
| Gonad Weight (g) | row 4 | column 16 | General | change format to decimal | | add min max thresholds |
| Otolith Collected? | row 4 | column 17 | General | ok | | need a drop-down menu |
| Tag Site Condition (if applicable) | row 4 | column 18 | General | ok | | need a drop-down menu |
| Additional sample collected | row 4 | column 19 | General | ok | | need a drop-down menu |
| Sample Storage | row 4 | column 20 | General | ok | | ok |
| Comments | row 4 | column 21 | General | ok | | ok |

Benthos and VME taxa

| header | row | column | cell format | | data validation | |
|------------------|-------|----------|-------------|--------------------------|---|--|
| | | | used | comment from authors | used | comment from authors |
| Set ID | row 4 | column 2 | General | change format to integer | Validation type 1 between 0 and 300 | ok |
| Observer ID | row 4 | column 3 | General | change format to integer | Validation type 1 between 0 and 300 | need a drop-down menu 1 to 3 |
| Presence | row 4 | column 4 | General | ok | type 3: liste (Present,Absent,Not monitored | ok |
| FAO Species Code | row 4 | column 5 | General | ok | type 3: liste (AAA,AAB,AAC etc | need a drop-down menu with selected species and a list of all species that can be added to this menu if needed |
| Scientific Name | row 4 | column 6 | General | ok | Validation type 5: Time between 00:00:00 and 23:59:00 | need a drop-down menu |
| Quantity | row 4 | column 7 | General | change format to decimal | Validation type 5: Time between 00:00:00 and 23:59:00 | change min max thresholds |
| Quantity unit | row 4 | column 8 | General | ok | | need a drop-down menu |

SC-11-43 - Feedback on the trial of the new data collection forms

| | | | | | | |
|-------------------------------|-------|-----------|---------|----|-------------------------------------|-----------------------|
| Photo reference | row 4 | column 9 | General | ok | | ok |
| Sample taken for ID | row 4 | column 10 | General | ok | Validation type 1 between 1 and 100 | ok |
| Status for coral (dead/alive) | row 4 | column 11 | General | ok | Validation type 1 between 1 and 100 | need a drop-down menu |
| Comments | row 4 | column 12 | General | ok | | ok |

Seabirds

| | | | cell format | | data validation | |
|---|-------|----------|-------------|--------------------------|---|--|
| header | row | column | used | comment from authors | used | comment from authors |
| Set ID | row 4 | column 2 | General | change format to integer | Validation type 1 between 0 and 300 | ok |
| Observer ID | row 4 | column 3 | General | change format to integer | Validation type 1 between 0 and 300 | need a drop-down menu 1 to 3 |
| Presence | row 4 | column 4 | General | ok | type 3: liste (Present,Absent,Not monitored | ok |
| Observation Time (At setting / At hauling / non observed) | row 4 | column 5 | General | ok | type 3: liste (At setting,At hauling,Not observed | ok |
| Start Observation Time | row 4 | column 6 | General | change format to hh:mm | Validation type 1 between 0 and 300 | change min max thresholds |
| End Observation Time | row 4 | column 7 | General | change format to hh:mm | Validation type 5: Time between 00:00:00 and 23:59:00 | ok |
| FAO Species Code | row 4 | column 8 | General | ok | type 3: liste (AAA,AAB,AAC etc | need a drop-down menu with selected species and a list of all species that can be added to this menu if needed |

SC-11-43 - Feedback on the trial of the new data collection forms

| | | | | | | |
|---------------------|-------|-----------|---------|--------------------------|-------------------------------------|----|
| Estimated number | row 4 | column 9 | General | change format to integer | Validation type 1 between 1 and 100 | ok |
| Fishwaste discharge | row 4 | column 10 | General | ok | type 3: liste Yes; No | ok |
| Observed feeding | row 4 | column 11 | General | ok | type 3: liste Yes; No | ok |
| Comments | row 4 | column 12 | General | ok | | ok |

Mammals

| header | row | column | cell format | | data validation | |
|---|-------|-----------|-------------|--------------------------|---|--|
| | | | used | comment from authors | used | comment from authors |
| Set ID | row 5 | column 2 | General | change format to integer | | add min max thresholds |
| Presence | row 5 | column 3 | General | ok | type 3: liste (Present,Absent,Not monitored) | ok |
| Presence comment | row 5 | column 4 | General | ok | | ok |
| FAO Species code | row 5 | column 5 | General | ok | type 3: liste (AAA,AAB,AAC etc | need a drop-down menu with selected species and a list of all species that can be added to this menu if needed |
| Species scientific name (if FAO code not available) | row 5 | column 6 | General | ok | | add a yes no drop-down menu |
| Photos | row 5 | column 7 | General | ok | | need a drop-down menu |
| Photo comment | row 5 | column 8 | General | ok | | ok |
| Minimum number | row 5 | column 9 | General | change format to integer | | add min max thresholds |
| Maximum number | row 5 | column 10 | General | change format to integer | | add min max thresholds |

SC-11-43 - Feedback on the trial of the new data collection forms

| | | | | | | |
|--------------------------------|-------|-----------|---------|--------------------------|--|------------------------|
| Counting comment | row 5 | column 11 | General | ok | | ok |
| Interaction with fishing gear? | row 5 | column 12 | General | ok | | need a drop-down menu |
| interaction comment | row 5 | column 13 | General | ok | | ok |
| ETA (minutes) | row 5 | column 14 | General | change format to integer | | add min max thresholds |
| ETA comment | row 5 | column 15 | General | ok | | ok |

Tags release

| header | row | column | cell format | | data validation | |
|------------------|-------|----------|-------------|--------------------------|---------------------------------|--|
| | | | used | comment from authors | used | comment from authors |
| Set_ID | row 4 | column 2 | General | change format to integer | | add min max thresholds |
| FAO species code | row 4 | column 3 | General | ok | type 3: liste (AAA,AAB,AAC etc | need a drop-down menu with selected species and a list of all species that can be added to this menu if needed |
| Length (cm) | row 4 | column 4 | General | change format to decimal | | add min max thresholds |
| Length type | row 4 | column 5 | General | ok | | need a drop-down menu |
| Sex | row 4 | column 6 | General | ok | | need a drop-down menu |
| Tag Type | row 4 | column 7 | General | ok | | add a drop-down menu leaving possibility to add more |
| Tag Colour | row 4 | column 8 | General | ok | | add a drop-down menu leaving possibility to add more |
| Tag Number | row 4 | column 9 | General | ok | | add a drop-down menu leaving possibility to add more |

| | | | | | | |
|--------------------------|-------|-----------|---------|--|--|--|
| Tag wording | row 4 | column 10 | General | ok | | add a drop-down menu leaving possibility to add more |
| Tag Type | row 4 | column 11 | General | ok | | add a drop-down menu leaving possibility to add more |
| Tag Colour | row 4 | column 12 | General | ok | | add a drop-down menu leaving possibility to add more |
| Tag Number | row 4 | column 13 | General | ok | | add a drop-down menu leaving possibility to add more |
| Tag wording | row 4 | column 14 | General | ok | | add a drop-down menu leaving possibility to add more |
| Animal status at release | row 4 | column 15 | General | ok | | need a drop-down menu |
| Comment | row 4 | column 16 | General | ok | | ok |
| date | row 4 | column 17 | General | change format to date | | add min max thresholds |
| time | row 4 | column 18 | General | change format to hh:mm | | add min max thresholds |
| Latitude | row 4 | column 19 | General | change format to integer and add a minute column in decimal format 00,00 | | add min max thresholds |
| Longitude | row 4 | column 20 | General | change format to integer and add a minute column in decimal format 00,00 | | add min max thresholds |

Tags recapture

| header | row | column | cell format | | data validation | |
|------------------|-------|----------|-------------|--------------------------|---------------------------------|--|
| | | | used | comment from authors | used | comment from authors |
| Set_ID | row 4 | column 2 | General | change format to integer | | add min max thresholds |
| FAO species code | row 4 | column 3 | General | ok | type 3: liste (AAA,AAB,AAC etc | need a drop-down menu with selected species and a list of all species that can be added to this menu if needed |
| tag type | row 4 | column 4 | General | ok | | add a drop-down menu leaving possibility to add more |
| tag colour | row 4 | column 5 | General | ok | | add a drop-down menu leaving possibility to add more |
| tag number | row 4 | column 6 | General | ok | | add a drop-down menu leaving possibility to add more |
| tag wording | row 4 | column 7 | General | ok | | add a drop-down menu leaving possibility to add more |
| tag type | row 4 | column 8 | General | ok | | add a drop-down menu leaving possibility to add more |

| | | | | | | |
|---------------------------|-------|-----------|---------|--------------------------|--|--|
| tag colour | row 4 | column 9 | General | ok | | add a drop-down menu leaving possibility to add more |
| tag number | row 4 | column 10 | General | ok | | add a drop-down menu leaving possibility to add more |
| tag wording | row 4 | column 11 | General | ok | | add a drop-down menu leaving possibility to add more |
| length | row 4 | column 12 | General | change format to decimal | | add min max thresholds |
| length type | row 4 | column 13 | General | ok | | need a drop-down menu |
| sex | row 4 | column 14 | General | ok | | need a drop-down menu |
| Maturity Stage | row 4 | column 15 | General | change format to integer | | need a drop-down menu |
| Gonad Weight (g) | row 4 | column 16 | General | change format to decimal | | add min max thresholds |
| Tag Site condition | row 4 | column 17 | General | ok | | need a drop-down menu |
| Samples retained | row 4 | column 18 | General | ok | | add a yes no drop-down menu |
| Maturity Stage | row 4 | column 19 | General | change format to integer | | need a drop-down menu |
| recovery while observing? | row 4 | column 20 | General | ok | | need a drop-down menu |

Conversion Factor

| header | row | column | cell format | | data validation | |
|-------------------------|-------|-----------|-------------|--------------------------|---------------------------------|--|
| | | | used | comment from authors | used | comment from authors |
| Set_ID | row 4 | column 2 | General | change format to integer | | add min max thresholds |
| Observer ID | row 4 | column 3 | General | change format to integer | | need a drop-down menu 1 to 3 |
| FAO Species code | row 4 | column 4 | General | ok | type 3: liste (AAA,AAB,AAC etc | need a drop-down menu with selected species and a list of all species that can be added to this menu if needed |
| Processing Code | row 4 | column 5 | General | ok | | need a drop-down menu |
| Number of fish | row 4 | column 6 | General | change format to integer | | add min max thresholds |
| Length Type | row 4 | column 7 | General | ok | | need a drop-down menu |
| Min Length (cm) | row 4 | column 8 | General | change format to decimal | | add min max thresholds |
| Max Length (cm) | row 4 | column 9 | General | change format to decimal | | add min max thresholds |
| Total Green weight (kg) | row 4 | column 10 | General | change format to decimal | | add min max thresholds |
| Weighing method | row 4 | column 11 | General | ok | | need a drop-down menu |

SC-11-43 - Feedback on the trial of the new data collection forms

| | | | | | | |
|-----------------------------|-------|-----------|---------|--------------------------|--|------------------------|
| Total Processed weight (kg) | row 4 | column 12 | General | change format to decimal | | add min max thresholds |
| Conversion Factor | row 4 | column 13 | General | change format to decimal | | add min max thresholds |

Birds bands

| header | row | column | cell format | | data validation | |
|--|-------|----------|-------------|--|---------------------------------|--|
| | | | used | comment from authors | used | comment from authors |
| Observer ID | row 5 | column 2 | General | change format to integer | | need a drop-down menu 1 to 3 |
| FAO Species code | row 5 | column 3 | General | ok | type 3: liste (AAA,AAB,AAC etc | need a drop-down menu with selected species and a list of all species that can be added to this menu if needed |
| Set_ID (if applicable) | row 5 | column 4 | General | change format to integer | | add min max thresholds |
| Date | row 5 | column 5 | General | change format to date | | add min max thresholds |
| Time | row 5 | column 6 | General | change format to hh:mm | | add min max thresholds |
| Latitude (to nearest 1 min) | row 5 | column 7 | General | change format to integer and add a minute column in decimal format 00,00 | | add min max thresholds |
| Longitude (to nearest 1 min) | row 5 | column 8 | General | change format to integer and add a minute column in decimal format 00,00 | | add min max thresholds |
| Type of interaction (with gear, with vessel, no interaction) | row 5 | column 9 | General | ok | | need a drop-down menu |

SC-11-43 - Feedback on the trial of the new data collection forms

| | | | | | | |
|--|-------|-----------|---------|----|--|-----------------------------|
| State of the bird (likely to survive, injured or dead) | row 5 | column 10 | General | ok | | need a drop-down menu |
| Photo taken? (Yes/No) | row 5 | column 11 | General | ok | | add a yes no drop-down menu |
| Comments | row 5 | column 12 | General | ok | | ok |

Birds collisions

| header | row | column | cell format | | data validation | |
|---|-------|----------|-------------|--|---------------------------------|--|
| | | | used | comment from authors | used | comment from authors |
| Observer ID | row 6 | column 2 | General | change format to integer | | need a drop-down menu 1 to 3 |
| FAO Species code | row 6 | column 3 | General | ok | type 3: liste (AAA,AAB,AAC etc | need a drop-down menu with selected species and a list of all species that can be added to this menu if needed |
| Set_ID (if applicable) | row 6 | column 4 | General | change format to integer | | add min max thresholds |
| Date | row 6 | column 5 | General | change format to date | | add min max thresholds |
| Time | row 6 | column 6 | General | change format to hh:mm | | add min max thresholds |
| Latitude (to nearest 1 min) | row 6 | column 7 | General | change format to integer and add a minute column in decimal format 00,00 | | add min max thresholds |
| Longitude (to nearest 1 min) | row 6 | column 8 | General | change format to integer and add a minute column in decimal format 00,00 | | add min max thresholds |
| Vessel activity (steaming, fishing, etc.) | row 6 | column 9 | General | ok | | need a drop-down menu |

SC-11-43 - Feedback on the trial of the new data collection forms

| | | | | | | |
|--|-------|-----------|---------|--------------------------|--|-----------------------------|
| Type of interaction (collision, entanglement, landed) | row 6 | column 10 | General | ok | | need a drop-down menu |
| Description (including location on the vessel, and lighting condition) | row 6 | column 11 | General | ok | | ok |
| Presence of fog? | row 6 | column 12 | General | ok | | need a drop-down menu |
| Wind speed (knots) | row 6 | column 13 | General | change format to integer | | add min max thresholds |
| Wind bearing (degree) | row 6 | column 14 | General | change format to integer | | add min max thresholds |
| Sea State (Beaufort) | row 6 | column 15 | General | change format to integer | | add min max thresholds |
| State of the bird (likely to survive, injured or dead) | row 6 | column 16 | General | ok | | need a drop-down menu |
| Photo taken? (Yes/No) | row 6 | column 17 | General | ok | | add a yes no drop-down menu |
| Comments | row 6 | column 18 | General | ok | | ok |