

# INTER-AMERICAN SEA TURTLE CONVENTION / CONVENCIÓN INTERAMERICANA DE TORTUGAS MARINAS

# IAC - Annual Report 2023 CARIBBEAN NETHERLANDS

#### **IAC Annual Report General Instructions**

Annex IV of the Convention text states that each Contracting Party shall submit an Annual Report each year.

To complete this Annual Report, Focal Points should consult with appropriate stakeholders involved in sea turtle issues. If you have any questions regarding this Annual Report, please contact the Secretariat at secretario@iacseaturtle.org

The submission deadline for this Annual Report is April 30th, 2022.

THE PDF OF THE ANNUAL REPORT SUBMITTED BY EACH COUNTRY WILL BE PUBLISHED ON THE CONVENTION WEBSITE

## Part I - General Information

Country

Name of the country reporting >>> Bonaire

#### **Official Note**

If required, please attach here the relevant administrative authority **official note** endorsing the annual report submission.

Are you attaching an official note?

Please select only one option

☐ Yes

□ No

#### 1) Focal Point

1.1 Name

>>> Yoeri de Vries

1.2 Institution

>>> Ministry of LNV

1.3 Submission Date

>>> March 2022

## 2) Agency or Institution responsible for preparing this report

2.1 Name of the person preparing this report

>>> Kaj Schut

2.2 Name of Agency or Institution

>>> Sea Turtle Conservation Bonaire

2.3 Address

>>> Kaya Korona 53, Bonaire, Dutch Caribbean

2.4 Telephone

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2.5 E-mail

>>> stcb@bonaireturtles.org

## 3) Others who participated in the preparation of this report

3.1 Others who participated in the preparation of this report

| Nam<br>e | Agency or<br>Institution | E-<br>mail |
|----------|--------------------------|------------|
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## Part II - Policy and Management

## 1) General description of activities

**General description of activities carried out for the protection and conservation of sea turtles.** In accordance with Articles IX and XVIII of the text of the Convention, each Party shall establish monitoring programs, policies and plans for implementation at a national level for the protection and conservation of sea turtles and their habitat. The Party shall report on the action plans, management plan or other types of instruments.

Please select the options that best apply for your country and provide the link to the corresponding document if available online. If it is in progress add the date is expected to be finalized in the corresponding section. 1.1 The country has a national strategy/plan for the conservation of sea turtles in accordance with Article XVIII. Please upload the file or attach the links to the corresponding documents using the blue box icons beneath each question Please select only one option □ No ☐ In Progress **Species Management Plan** Only applicable to countries that have developed individual management plans for each species. 1.1.1 The country has a **specific strategy/plan** for the conservation of: Please upload the file or attach the link to the corresponding document using icons below. ☐ Lepidochelys olivacea ☐ Lepidochelys kempii ☐ Dermochelys coriacea ☑ Eretmochelys imbricata ☑ Caretta caretta ☑ Chelonia mvdas Strategy/plan in progress Date to be finalized Provide details on the progress 1.2 Does your country have policies and programs at local and regional scales in accordance with Article Please attach the list of policies and programs and other information relevant to their adoption or implementation. Please select only one option Yes □ No

#### Strategy/plan in progress

Date to be finalized

Date to be finalized

☐ In Progress

>>>

Provide details on the progress

|     | 2 D         |              | and the section of |             |              | المائية المالية | 1- 11/2 |
|-----|-------------|--------------|--------------------|-------------|--------------|-----------------|---------|
| 1.3 | 3 Does vour | country have | monitoring         | programs in | accordance w | ith Artici      | ie IX?  |

| Please attach the list of programs and other information relevant to their adoption or implementation. |
|--|
| Please select only one option  |
| ☑ Yes  |

☐ In Progress

## Strategy/plan in progress

Date to be finalized

>>

Provide details on the progress

>>:

# 2) National legislation and international instruments related to sea turtles adopted during the preceding year

Describe any national regulations, international agreements and other legal instruments related to sea turtles and/or relevant activities that were adopted during the preceding year (30 April 2022 – 30 April 2023).

Please provide a literature reference and attach the digital file for the legislation and its corresponding number. The laws adopting the international legislation should be included when they exist.

**First time a country is submitting this information**: please include all pertinent national legislation and international instruments currently in force.

**Countries that have previously submitted this information**; please provide information for any changes that have occurred since your country's last report submission (2022).

**National Legislation** 

| Type and name of the legal instrument (No.) | Description (Range of application) | Sanctions(s)<br>Imposed |
|---|------------------------------------|-------------------------|
|   |                                    |                         |
|   |                                    |                         |
|   |                                    |                         |

#### International Instruments

| Treaty, Convention, Agreements, Memorandum of<br>Understanding | Year signed and/or ratified |
|--|-----------------------------|
|  |                             |
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## 3) Actions to comply with National and International Mandate

List actions that are being carried out to comply with national and international mandates.

(Ex: inspections, confiscations, sanctions, etc.)

## 4) Efforts to increase IAC membership

| 4.1 Has your country encouraged | l non-member | states to | join the | IAC? |
|---------------------------------|--------------|-----------|----------|------|
| Diagram and and and and and and |              |           |          |      |

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|--------|-----|-------|-----------|-------|
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□ No

| 4.2 Has your country reached out to Canada, Guyana, French Guiana, Trinidad and Tobago, and/or Suriname to inform these nations about the critical situation of the population and priority actions for the conservation of leatherbacks in the NW Atlantic?  Please select only one option  ☐ Yes (list countries below) |
|---|
| >>><br>□ No   |
| 5) Exceptions under the Convention  |
| 5.1 Implementation and monitoring of exceptions established in the Convention   |
| Describe the progress in the implementation of the exception correspondent to the current year (800 words) according to the current resolutions on exceptions.  |
| Resolutions on Exceptions CIT-COP10-2022-R3 CIT-COP10-2022-R4 CIT-COP10-2022-R5 CIT-COP5-2011-R2 (PDF) CIT-COP6-2013-R1 (PDF) CIT-COP7-2015-R1 (PDF)  |
| >>>   |
| 5.2 Have your country presented a 5-year report on the implementation of the Exception Resolution?  |
| Resolution CIT-COP6-2013-R1 Exception Guatemala and Panama (2013-2020). Resolution CIT-COP7-2015-R1 Exception Costa Rica (2015-2020). Attach the five-year report.  ☐ Yes ☐ No  |
| 5.3. Does your country have a management plan for the exception?  |
| If yes, attach the exception management plan  |
| ☐ Yes ☐ No ☐ In progress  |
| 5.4 Submission of new exceptions  |
| Should your country present a new exception, please describe in the box below a brief description in accordance with article IV, item 3(a,b,d) and Annex IV of the text of the Convention, using the procedure established by the IAC COP and attach the full report as requested in Resolution CIT-COP5-2011-R2.         |
| >>>   |
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|   |

# **Part III - Compliance with IAC Resolutions**

## 1) Sea Turtle Species Presence

1.1 Sea Turtle Species Present in the Country

Check the box if the species listed is present in the oceanographic basins of your country as established in Article III of the text of the Convention.

|                        | Atlantic<br>Ocean | Pacific<br>Ocean | Caribbean<br>Sea |
|------------------------|-------------------|------------------|------------------|
| Lepidochelys olivacea  |                   |                  |                  |
| Lepidochelys kempii    |                   |                  |                  |
| Dermochelys coriacea   |                   |                  | <b>7</b>         |
| Eretmochelys imbricata |                   |                  | <b>7</b>         |
| Caretta caretta        |                   |                  | 7                |
| Chelonia mydas         |                   |                  | <b>7</b>         |

2.1 The following resolutions apply to this country

☐ Eastern Pacific Leatherback Turtle Resolution

| Δ | Ы | Ч | i+ | in | n | а | П | N | $\sim$ | t | ۵ | c  |
|---|---|---|----|----|---|---|---|---|--------|---|---|----|
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Include other information, if required

## 2) IAC Resolutions

☑ Hawksbill Resolution☑ Loggerhead Resolution

| □ Northwest Atlantic Leatherback Resolution □ Fisheries Resolution   |
|--|
| Resolution CIT-COP10-2022-R6 - Eastern Pacific Leatherback Turtle (Dermochelys coriacea)   |
| Section 1 - Monitoring of nesting of the Eastern Pacific leatherback turtle  |
| 1. Does your country have Eastern Pacific leatherback nesting beaches?   |
| If the answer is "No" please answer "Not applicable" in questions 1-10 and continue to Section 2.  Please select only one option  ☐ Yes ☐ No   |
| >>> □ There are no nesting beaches in the country □ There are no nesting beaches in the country □ There are no nesting beaches in the country  |
| 2. Does your country protect East Pacific leatherback nests at the nesting beaches?  Please select only one option  ☐ Yes  ☐ No  ☐ There are no nesting beaches in the country   |
| If the answer is "Yes", please describe (500 words maximum)  |
| 3. Has your country developed and implemented strategies to ensure and increase hatching success and hatchlings production of the East Pacific leatherback?  Please select only one option  ☐ Yes ☐ No ☐ There are no nesting beaches in the country |

| <ul> <li>4. Has your country taken conservation measures for the protection of the East Pacific leatherback nesting beaches and their associated habitats?</li> <li>Please select only one option</li> <li>□ Yes</li> <li>□ No</li> <li>□ There are no nesting beaches in the country</li> </ul>   |
|--|
| If the answer is "Yes," describe the conservation measures used (500 words maximum)  |
| 5. Has your country identified and included new East Pacific leatherback turtle nesting beaches in the national programs to protect and monitor nests, females, and hatchlings?  Please select only one option  Yes  No  |
| ☐ There are no nesting beaches in the country  |
| If the answer is "Yes," list the new nesting beaches identified >>>  |
| 6. Has your country reported in Part V of this IAC Annual Report the new Eastern Pacific leatherback nesting beaches identified above?  Please select only one option  ☐ Yes ☐ No  |
| ☐ There are no nesting beaches in the country  |
| If the answer is "No," request the IAC Secretariat to add the new beaches to Part V in the IAC Annual Report. Even if these beaches are not considered Index beaches it is essential to obtain this information.   |
| 7. Has your country identified or is it planning to implement economic alternatives in local communities in areas adjacent to nesting beaches, with the goal of reducing the pressure on the East Pacific leatherback?  Please select only one option  Yes  No   |
| ☐ There are no nesting beaches in the country  |
| If the answer is "Yes," describe the economic alternatives identified (500 words maximum)  >>>   |
| Monitoring Activities in East Pacific leatherback Nesting Beaches (From Annex II Resolution CIT-COP10-2022-R6)   |
| 8. Indicate the number of East Pacific leatherback beaches monitored during the year reported in this Annual Report  ***********************************   |
| 9. Which methods are used to monitor East Pacific leatherback nesting on beaches in your country?  (choose all that apply)  There are no nesting beaches in the country  Nest/tracks count morning monitoring  Nest/tracks count night monitoring  Nest/tracks and nesting females count morning monitoring  Nest/tracks and nesting females count night monitoring  Aerial census of tracks (indicate the frequency in the box below) |
| >>><br>□ Use of drones (indicate the frequency in the box below)   |
| >>> □ Indicate other methods used (if necessary)   |
|  |

If the answer is "Yes," please describe the strategies used (500 words maximum)

10. Describe the challenges in your country to address the questions in this section, which answer was "No". Please indicate the number of the question to which you are referring. (max 500 words) >>>

# Section 2 - Activities for protection and predation control on nesting beaches of Eastern Pacific Leatherback

#### 11. Protection of Nests IN SITU

a. Indicate the techniques used to protect East Pacific leatherback nests in your country during the nesting season (Ex: protected areas, relocation in hatcheries, and others)

#### b. Protection of Nests IN SITU

Total percentage (%) of East Pacific leatherback nests protected in the beaches monitored in the nesting season (Including protected areas, relocation in hatcheries, and others)

#### c. Protection of Nests IN SITU

Total number of nests in situ on the beaches monitored (In situ=nests left where the turtle laid the eggs)

>>>

#### d. Protection of Nests IN SITU

Percentage (%) of average hatching of East Pacific leatherback **in situ nests**, on the beaches, monitored, using the following formula:

% of hatching = total of hatchlings that hatched/total eggs

If the total of hatchlings hatched is not available

**% of hatching** = total of shells/total of eggs

>>>

e. If the country uses another way to calculate de percentage (%) of hatching, please describe it below.

12. Percentage (%) of average hatching in East Pacific leatherback **nests relocated** using the following methods in the beaches monitored

Answer those that apply as a percentage % If data is not available answer "not available" If the method is not used, answer "not applicable

| Hatcheries          |  |
|---------------------|--|
| Boxes               |  |
| Same beach          |  |
| Other (Which and %) |  |

# Activities to Control Predation in East Pacific leatherback Beaches Monitored (From Annex II Resolution CIT-COP10-2022-R6)

| 13. Activities to control East Pacific leatherback nests predation carried out in the year of this report |
|---|
| (choose all that apply)   |
| ☐ Population control of feral, domestic, and introduced animals   |
| □ Protection of nests with mesh /screen   |
| □ None  |
| $\square$ Specify other activities to control nest predation (if applicable) (500 words maximum)          |

| 14. Activities to control poaching of East Pacific leatherback nests carried out in the year of this report (choose all that apply)  ☐ Beach patrols by police authorities ☐ Beach patrols by organized community groups ☐ Nest relocation   |
|--|
| ☐ Presence of monitoring and research teams during the nesting season ☐ Alert mechanism to report threats to sea turtles and environmental complaints ☐ None   |
| ☐ Specify other activities to control poaching (if applicable) >>>   |
|  |
| 15. Describe the challenges in your country to address the questions in this section, which answer was "No". Please indicate the question number to which you are referring (max 500 words). >>>   |
| NOTE: The data on index nesting beaches will continue to be reported in Part V of the Annual Report  |
| Section 3 - Critical areas and aggregation areas for Eastern Pacific Leatherback   |
| 16. Has your country identified critical areas in the distribution range of the East Pacific leatherback in national waters that require spatial and temporal management to reduce leatherback bycatch?  Please select only one option  ☐ Yes ☐ No   |
| If the answer is "Yes," describe and if needed, attach supplementary information >>>   |
| 17. Has your country identified East Pacific leatherback adult and juvenile aggregation sites, migration routes, and other sites of importance for conservation in national waters which could be subjected to measures for spatial and temporal management of threats?  Please select only one option  ☐ Yes ☐ No |
| If the answer is "Yes," describe and if required, attach supplementary information  >>>  |
| 18. Has your country taken part in research projects/collaborations to identify critical locations in international waters that are important for the conservation of the East Pacific leatherback?  Please select only one option  ☐ Yes ☐ No   |
| If the answer is "Yes," describe and if required, attach supplementary information (500 words)   |
| Section 4 - Prohibitions for the consumption and use of the Eastern Pacific Leatherback (parts and derivatives, capture, transportation, and trade)  |
| 19. Does your country identify areas where consumption and illegal use of East Pacific leatherback occurs?  Please select only one option  Yes  No  No   |
| If the answer is "Yes," describe the areas where consumption and illegal use occurs, the frequency of occurrence, and efforts to reduce this threat (500 words max)  >>>   |
| 20. Does your country carry out awareness and enforcement campaigns to stop the consumption and  |

Please select only one option

illegal use of East Pacific leatherbacks, in the areas identified in the question above?

| □ Yes □ No   |
|--|
| If the answer is "Yes," list the campaigns carried out in the year of this report (500 words max)  |
| Resolution CIT-COP8-2017-R2 - Hawksbill Turtle (Eretmochelys imbricata)  |
| 1. Is your country strengthening monitoring of the illegal use and trade of hawksbill turtles and their products?  Please select only one option  Yes  No  No  |
| Please list the most relevant actions of the year (500 words)  |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required. >>>   |
| 2. Is your country enforcing pertinent hawksbill legislation?  Please select only one option  ☐ Yes  ☐ No  ☐ Not applicable  |
| Please list the most relevant actions of the year (500 words)  |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required. >>>   |
| 3. Are activities being carried out in your country to stop the illegal trade of hawksbill products?  Please select only one option  Yes  No  No  Not applicable   |
| Please list the most relevant actions of the year (500 words)  |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.   |
| 4. Indicate if your country is strengthening the protection of important nesting and foraging habitats by declaring protected areas and regulating anthropogenic activities that adversely impact these habitats |
| 4a. Protection of nesting habitats  Please select only one option  ☐ Yes  ☐ No  ☐ Does not apply   |
| Please list the most relevant actions of the year (500 words)  |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.   |
| 4b. Protection of feeding habitats  Please select only one option  ☐ Yes  ☐ No  ☐ Does not apply   |

Please list the most relevant actions of the year (500 words)

List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.

>>>

# Resolution CIT-COP7-2015-R3: Resolution on the Conservation of the Loggerhead Sea Turtle (Caretta caretta)

| turtle conservation?  Please select only one option  No  Does not apply   |
|---|
| Please list the most relevant actions of the year (500 words)   |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required. >>>    |
| 2. State if there are plans or recovery programs, or bilateral or regional cooperation in your country.  Please select only one option  Yes  No  Does not apply   |
| Please list the most relevant actions of the year (500 words)   |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.  >>> . |
| 3. Are these action plans or monitoring programs being implemented?  Please select only one option  ☐ Yes  ☐ No  ☐ Does not apply                                 |
| Please list the most relevant actions of the year (500 words)   |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required. >>>    |
| 4. Is there protection of the loggerhead turtle at a state or federal level?  Please select only one option  ☐ Yes ☐ No ☐ Does not apply                          |
| Please list the most relevant actions of the year (500 words)   |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required. >>>    |
| 5. Has your country taken conservation actions to protect nesting beaches and their associated habitats?  Please select only one option  ☐ Yes ☐ No               |
| $\square$ No nesting beaches in the country   |
| Please list the most relevant actions of the year (500 words)   |

| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required. >>>  |
|---|
| 6. Are there laws on turtle-friendly lighting in areas impacted by coastal development?  Please select only one option  ☐ Yes ☐ No ☐ No nesting beaches in the country  |
| Please list the most relevant actions of the year (500 words)   |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required. >>>  |
| 7. Is there long-term (minimum 10 years) standardized data available for population trend studies?  Please select only one option  Yes  No  No  No nesting beaches in the country   |
| Please list the most relevant actions of the year (500 words)   |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required. >>>  |
| 8. Is there exploitation or direct harvest of loggerhead turtles in your country?  Please select only one option  Yes  No  Does not apply   |
| Please list the most relevant actions of the year (500 words)   |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required. >>>  |
| Resolution CIT-COP9-2019-R2 - Northwest Atlantic Leatherback (Dermochelys coriacea)   |
| <ol> <li>Has your country implemented techniques to reduce leatherback bycatch and mortality in fisheries, following the UN-FAO Guidelines to Reduce Sea Turtle Mortality in Fishing Operations?</li> <li>Please select only one option</li> <li>Yes</li> <li>No</li> <li>Not applicable</li> </ol> |
| Please list the most relevant actions of the year (500 words)   |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.  |
| 2. Does your country have fishery observer programs that comply with the minimum standards for scientific observer coverage that have been established by pertinent Regional Fishery Management Organizations?  Please select only one option  ☐ Yes ☐ No ☐ Not applicable                          |
| Please list the most relevant actions of the year (500 words)   |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.  |

| 3. Has your country implemented laws and regulations related to Northwest Atlantic leatherback conservation, particularly related to fisheries bycatch and marine protected areas?  Please select only one option  ☐ Yes  ☐ No  ☐ Not applicable                                |
|---|
| Please list the most relevant actions of the year (500 words)   |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.  |
| 4. Has your country implemented conservation measures for the protection of the NWA leatherback nesting beaches and associated habitats?  Please select only one option  ☐ Yes  ☐ No  ☐ No nesting beaches in the country   |
| Please list the most relevant actions of the year (500 words)   |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.  |
| 5. Does your country have a monitoring and tagging program at the NWA leatherback nesting beaches?  Please select only one option  ☐ Yes  ☐ No  ☐ No nesting beaches in the country   |
| Please list the most relevant actions of the year (500 words)   |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.  |
| 6. Is your country collecting data on interactions of the NWA leatherback with fishing fleets? If YES, please report data of interactions of the species with industrial longline vessels in Part VI of this report.  Please select only one option  Yes  No  No  No applicable |
| Resolution CIT-COP10-2022-R7 - Reduce impacts of fisheries on sea turtles Relating to if your country has adopted the 'Guidelines to Reduce Sea Turtle Mortality induced by fisheries operations', of the United Nations Food and Agriculture Organization (FAO) including:     |
| A. Research and monitoring of the adverse impact of fisheries on sea turtles  |
| 1. Does your country collect information by fishery?  Please select only one option  ☐ Yes  ☐ No  ☐ Does not apply  |
| Please list the most relevant actions of the year (500 words)   |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.  |
| 2. Does your country have observer programs?  Please select only one option  ☐ Yes  |

| □ No □ Does not apply  |
|--|
| Please list the most relevant actions of the year (500 words)  |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required. >>>             |
| 3. Does your country do research on sea turtle/fishery interactions?  Please select only one option  ☐ Yes  ☐ No  ☐ Does not apply   |
| Please list the most relevant actions of the year (500 words)  |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.                 |
| 4. Does your country have information on non-Party vessels and interactions with sea turtles?  Please select only one option  ☐ Yes  ☐ No  ☐ Does not apply                |
| Please list the most relevant actions of the year (500 words)  |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.                 |
| 5. Does your country cooperate with non-party states to obtain information on interactions with sea turtles?  Please select only one option  ☐ Yes  ☐ No  ☐ Does not apply |
| Please list the most relevant actions of the year (500 words)  |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.                 |
| B. Mitigation measures   |
| 6. Does your country implement mitigation measures in long-line fisheries?   |
| If the answer is <b>NO</b> please justify  Please select only one option  ☐ Yes  ☐ No  ☐ Does not apply  |
| Please list the most relevant actions of the year (500 words)  |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required. >>>             |
| 7. Does your country implement mitigation measures in gillnets fisheries?  |
| If the answer is <b>NO</b> please justify  Please select only one option  ☐ Yes  ☐ No  ☐ Does not apply  |

| Please list the most relevant actions of the year (500 words)  |
|--|
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.   |
| 8. Does your country implement mitigation measures in trawl fisheries (e.g. TEDs)?   |
| If the answer is <b>NO</b> please justify  Please select only one option  ☐ Yes  ☐ No  ☐ Does not apply  |
| Please list the most relevant actions of the year (500 words)  |
| TEDs: specify legally approved TEDs, their dimensions, material, and target species for that fishery, 2. time-area closures: specify a geographical area, time of closure and target species for that fishery, 3. tow times and/or 4. other measures; or attach any relevant documents >>> |
| 9. Does your country implement mitigation measure in other fishing gears?  |
| If the answer is <b>NO</b> please justify  Please select only one option  ☐ Yes ☐ No ☐ Does not apply  |
| If yes, please indicate which fishing gears >>>  |
| 10. List the fisher training programs about best practices for safe handling and release of incidentally-caught sea turtles carried out by your country during the last year >>>   |
| C. Socio-economic considerations   |
| 11. Does your country support socio-economic activities that help mitigate adverse impacts of fisheries or sea turtles?  Please select only one option  ☐ Yes  ☐ No  ☐ Does not apply  |
| Please list the most relevant actions of the year (500 words)  |
| List the activities, workshops, research, publications, or any other relevant material related to your response. Attach supporting documents, if required.   |
|  |

## Part IV - Research Information

Indicate threats (Coastal development, incidental capture, direct use, contamination, pathogens, and climate change) by species

### 1) Threats

#### 1.1 Indicate threats

Indicate threats (Coastal development, incidental capture, direct use, contamination, pathogens, and climate change) by species

Lo = Lepidochelys olivacea Lk = Lepidochelys kempii Dc = Dermochelys coriacea Ei = Eretmochelys imbricata

Cc = Caretta caretta Cm = Chelonia mydas.

|                     | L o | L<br>k | Dc | Ei       | Cc       | Cm       |
|---------------------|-----|--------|----|----------|----------|----------|
| Direct Use          |     |        |    |          |          |          |
| Incidental Capture  |     |        |    | <b>7</b> | <b>V</b> | <b>4</b> |
| Coastal development |     |        |    | <b>7</b> | <b>7</b> | <b>4</b> |
| Pathogens           |     |        |    |          |          | <b>4</b> |
| Contamination       |     |        |    |          |          | V        |
| Climate Change      |     |        |    | <b>V</b> | V        | V        |

## 2) Indicate the mitigation actions that apply for each species

2.1 Habitat loss mitigation actions (i.e. coastal development, pollution, climate change)

|   | L<br>k | L o | Dc | Ei       | Cc       | Cm       |
|---|--------|-----|----|----------|----------|----------|
| Establishment of Marine<br>Protected Areas                          |        |     |    | Ŋ        | Ŋ        | <b>7</b> |
| Lighting regulations in place                                       |        |     |    |          |          |          |
| Permits required for construction near nesting sites                |        |     |    | V        | $\Box$   | V        |
| Permits required for scientific research on feeding/nesting grounds |        |     |    | <b>V</b> | <b>\</b> | <b>V</b> |
| Permits required for recreational activities near nesting sites     |        |     |    |          |          |          |
| Beach Cleanups  |        |     |    | <b>7</b> | <b>7</b> | <b>7</b> |
| Predator's<br>removal/control                                       |        |     |    |          |          |          |
| Use of sea turtle friendly lighting                                 |        |     |    |          |          |          |
| None  |        |     |    |          |          |          |

2.2 Bycatch mitigation actions (i.e. Incidental Capture)

|   | L<br>o | L<br>k | Dc | Ei       | Cc       | Cm |
|---|--------|--------|----|----------|----------|----|
| Sea Turtle Excluder<br>Devices (TED)                          |        |        |    |          |          |    |
| Time/space closures   |        |        |    |          |          |    |
| Research on new fishing gear technology                       |        |        |    |          |          |    |
| Vessel monitoring using VMS                                   |        |        |    |          |          |    |
| Marking of fishing gear in commercial vessels                 |        |        |    |          |          |    |
| Fishers trained on sea<br>turtle safe handling and<br>release |        |        |    |          |          |    |
| Observers program   |        |        |    |          |          |    |
| Use of circle hooks   |        |        |    |          |          |    |
| Nets are banned   |        |        |    |          |          |    |
| Trawling is banned  |        |        |    |          |          |    |
| Nets illumination   |        |        |    |          |          |    |
| None  |        |        |    | <b>\</b> | <b>7</b> | V  |

## 2.3 Direct use mitigation actions

|   | L<br>o | L<br>k | Dc | Ei       | Cc       | Cm       |
|---|--------|--------|----|----------|----------|----------|
| None  |        |        |    |          |          |          |
| Nests relocation                              |        |        |    | <b>V</b> | V        | V        |
| Night Patrols                                 |        |        |    |          |          |          |
| Day Patrols                                   |        |        |    | <b>V</b> | V        | V        |
| Flipper Tagging                               |        |        |    | V        | <b>\</b> | V        |
| Satellite Tracking                            |        |        |    | <b>V</b> | V        | V        |
| Poaching regulations in place                 |        |        |    | V        | $\Box$   | <b>\</b> |
| Environmental education for local communities |        |        |    | Ŋ        | V        | $\Box$   |
| Seizure of sea turtle products                |        |        |    |          |          |          |
| Livelihood alternatives for local communities |        |        |    |          |          |          |
| Permits required for scientific research      |        |        |    | V        | abla     | V        |
| Exception management plan (if applies)        |        |        |    |          |          |          |

## 3) Research

## 3.1 Types of research

Please fill out the following table on the types of research being carried out in the country related to each species.

|                        | Cc       | L o | Cm       | L<br>k | Dc | Ei       |
|------------------------|----------|-----|----------|--------|----|----------|
| Tagging                | V        |     | V        |        |    | <b>V</b> |
| Migration              | <b>V</b> |     | <b>V</b> |        |    | <b>7</b> |
| Genetics               | <b>V</b> |     | <b>4</b> |        |    | <b>7</b> |
| Habitat monitoring     | <b></b>  |     | <b>4</b> |        |    | <b>7</b> |
| Fisheries interactions | <b></b>  |     | <b>4</b> |        |    | <b>7</b> |
| Disease                |          |     | <b>7</b> |        |    |          |

#### 3.2 Describe scientific research

In addition to the above, please describe scientific research that is being carried out in the country relating to sea turtle population assessments including tagging, migration, and genetic studies, as well as those relating to conservation issues including habitat monitoring, fisheries interactions, disease, etc.

To report each project, please use the following structure:

- 1) Name of the project
- 2) Objective
- 3) E-mail of the organization/responsible
- 4) Summary (5 lines)
- 5) Annex Number (Use the blue buttons to attach photos and/or the full report, if available)

Describe the file with the same Annex number referenced in the text.  $\cdots$ 

### 4) Other activities

In the case of projects, please include the name of the project, organizations involved, a five lines summary, current status, and contact person.

#### 4.1 Other activities

Include a 500 words summary of information on environmental education activities, programs to establish and manage protected areas, and cooperative activities with other Party countries.

Please attach any other relevant documents using the blue boxes below.

>>>

## **Part V - Nesting Information**

## Index nesting sites or beaches for sea turtle conservation

Use the following drop down menu to select the index sites which you would like to report information for the latest season corresponding to the year of this report

## **Index Nesting Sites**

Attach here other files relevant to this section, if required

Please describe the content of the attachment in the box below and use the blue button to attach the file.

## Caribbean Netherlands Klein Bonaire

Criteria for selection of this index beach/site:

#### Klein Bonaire

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines".

If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat secretario@iacseaturtle.org

| Secretariat Secretario@iacseaturite.org   |
|---|
| Guidelines for selecting index beaches/sites in the IAC Region  ☐ This is a site where one of the species found in the country nests at any significant level.  ☐ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.  ☐ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.  ☐ This site includes major nesting sites already under intensive study and long-term monitoring.  ☐ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate |
| and consistent monitoring.  |
| Index Nesting Site Information  |
| Geographic Location: Latitude   |
| Specify latitude in decimal degrees >>>   |
| Geographic Location: Longitude  |
| Specify longitude in decimal degrees >>>  |
| Declared Protected Area   |
| Indicate if the area is declared as some type of protected area  Please select only one option  ☐ Yes ☐ No  |
| Tagging Programs  |
| Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.  ☐ FT ☐ ST ☐ PIT ☐ None  |

Additional information on tagging programs (flipper and telemetry)

Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential.

>>>

#### Tissue Sampling

| Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public. |
|---|
| Please select only one option   |
|   |
| □ Yes   |
| □ No  |
|   |

Tissue Sampling – additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

Organization or entity providing data

Indicate what organization or entity is providing the data

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

## **Annual Nesting**

: Annual Nesting

#[Beach] #[Beach]

This table is intended to report information per species at the index nesting site.

Nesting season: Indicate the starting and finishing date of the nesting season.

Monitoring period: Indicate the starting and finishing date of monitoring efforts.

Survey frequency: Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

Season females/ nests/ clutch count: Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

#### Please scroll to the right to see all guestions >>>>

|    | Year the<br>nesting<br>season<br>started | Month and<br>day the<br>nesting<br>season<br>started | Year the<br>nesting<br>season<br>ended | Month and<br>day the<br>nesting<br>season<br>ended | Start of<br>monitor<br>ing<br>period | End of<br>monito<br>ring<br>period | Surve<br>y<br>frequ<br>ency | Season<br>females<br>exact<br>count | Season<br>clutches<br>exact<br>count | Season<br>numbe<br>r of<br>nests |
|----|--|--|--|--|--------------------------------------|------------------------------------|-----------------------------|-------------------------------------|--------------------------------------|----------------------------------|
| Lo |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |
| Lk |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |
| Dc |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |
| Ei |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |
| Сс |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |
| Cm |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |

| Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)  |
|---|
| Zeelandia; St. Eustatius  |
| Criteria for selection of this index beach/site:  |
| Zeelandia; St. Eustatius  |
| Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines".  If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat secretario@iacseaturtle.org  Guidelines for selecting index beaches/sites in the IAC Region  This is a site where one of the species found in the country nests at any significant level.  This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.  There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.  This site includes major nesting sites already under intensive study and long-term monitoring.  This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring. |
| Index Nesting Site Information  |
| Geographic Location: Latitude   |
| Specify latitude in decimal degrees >>>   |
| Geographic Location: Longitude  |
| Specify longitude in decimal degrees >>>  |
| Declared Protected Area   |
| Indicate if the area is declared as some type of protected area  Please select only one option  ☐ Yes ☐ No  |
| Tagging Programs  |
| Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.  □ FT □ ST □ PIT □ None  |
| Additional information on tagging programs (flipper and telemetry)  |
| Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential. >>>  |
| Tissue Sampling   |
| Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.   |

Please select only one option

☐ Yes ☐ No

#### Tissue Sampling - additional information

Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below.

>>>

Organization or entity providing data

Indicate what organization or entity is providing the data >>>

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

>>>

## **Annual Nesting**

: Annual Nesting

#[Beach]
#[Beach]

This table is intended to report information per species at the index nesting site.

Nesting season: Indicate the starting and finishing date of the nesting season.

Monitoring period: Indicate the starting and finishing date of monitoring efforts.

Survey frequency: Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

Season females/ nests/ clutch count: Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

#### Please scroll to the right to see all questions >>>>

|    | Year the<br>nesting<br>season<br>started | Month and<br>day the<br>nesting<br>season<br>started | Year the<br>nesting<br>season<br>ended | Month and<br>day the<br>nesting<br>season<br>ended | Start of<br>monitor<br>ing<br>period | End of<br>monito<br>ring<br>period | Surve<br>y<br>frequ<br>ency | Season<br>females<br>exact<br>count | Season<br>clutches<br>exact<br>count | Season<br>numbe<br>r of<br>nests |
|----|--|--|--|--|--------------------------------------|------------------------------------|-----------------------------|-------------------------------------|--------------------------------------|----------------------------------|
| Lo |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |
| Lk |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |
| Dc |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |
| Ei |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |
| Сс |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |
| Cm |  |  |  |  |                                      | ·                                  |                             |                                     |                                      |                                  |

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

#### Playa Chikitu

Criteria for selection of this index beach/site:

Playa Chikitu

Select the guidelines used to identify this site as an index beach based on the IAC document CIT-CC10-2013-Tec.5 "Selecting Index Beaches in the IAC Region and Data Collection Guidelines". If your country requires to report a new index beach please send a request based on above guidelines to the IAC Secretariat secretario@iacseaturtle.org Guidelines for selecting index beaches/sites in the IAC Region ☐ This is a site where one of the species found in the country nests at any significant level. ☐ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small. ☐ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population. ☐ This site includes major nesting sites already under intensive study and long-term monitoring. ☐ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring. **Index Nesting Site Information** Geographic Location: Latitude Specify latitude in decimal degrees >>> Geographic Location: Longitude Specify longitude in decimal degrees **Declared Protected Area** Indicate if the area is declared as some type of protected area Please select only one option ☐ Yes □ No Tagging Programs Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs.  $\square$  ST □ PIT □ None Additional information on tagging programs (flipper and telemetry) Please list the references available to the public with information on flipper tagging and telemetry in the box below. If required, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available and indicate if this data is open for publication in our website or should stay confidential. >>> Tissue Sampling Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public. Please select only one option ☐ Yes □ No Tissue Sampling - additional information Please list the references available to the public with information on studies based on tissue sampling (genetics, contaminants and/or stable isotope) in the box below. Organization or entity providing data Indicate what organization or entity is providing the data

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.

## **Annual Nesting**

: Annual Nesting

#[Beach] #[Beach]

This table is intended to report information per species at the index nesting site.

Nesting season: Indicate the starting and finishing date of the nesting season.

Monitoring period: Indicate the starting and finishing date of monitoring efforts.

Survey frequency: Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).

Season females/ nests/ clutch count: Provide information on the total number of females and/or nests/ clutches deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.

### Please scroll to the right to see all questions >>>>

|    | Year the<br>nesting<br>season<br>started | Month and<br>day the<br>nesting<br>season<br>started | Year the<br>nesting<br>season<br>ended | Month and<br>day the<br>nesting<br>season<br>ended | Start of<br>monitor<br>ing<br>period | End of<br>monito<br>ring<br>period | Surve<br>y<br>frequ<br>ency | Season<br>females<br>exact<br>count | Season<br>clutches<br>exact<br>count | Season<br>numbe<br>r of<br>nests |
|----|--|--|--|--|--------------------------------------|------------------------------------|-----------------------------|-------------------------------------|--------------------------------------|----------------------------------|
| Lo |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |
| Lk |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |
| Dc |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |
| Ei |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |
| Сс |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |
| Cm |  |  |  |  |                                      |                                    |                             |                                     |                                      |                                  |

Please indicate if there were any circumstances that impacted monitoring (hurricanes, storms, other natural phenomenon, personnel availability, financial constraints, etc.)

## Part VI - Fisheries Information

If your country does not have data available to fill out the information on longline fisheries, please contact the IAC Secretariat secretario@iacseaturtle.org

## **Longline Fisheries**

### **Longline Fisheries (Vessels > 20m)**

| Does your country have industrial longline fisheries with vessels over | 20m? |
|--|------|
| Please select only one option  |      |
| □ Yes  |      |
| □ No   |      |

### **Instructions**

Please complete the information according to the type of set. **Shallow sets** correspond to sets with <15 Hooks per Basket or Hooks between Floats or hooks with <100 m depth. Deep sets correspond to sets with ≥15 Hooks per Basket or Hooks between Floats or hooks with ≥100m depth.

## Fleet Information (vessels > 20m)

- a. Period covered: Starting and end date of the fishing operations of the year
- **b.Area fished:** Indicate the area coordinates where shallow set and deep sets fishing operations were carried out during the last year.
- **c**. **No. of vessels that fished:** Indicate the total number of vessels in the fleet in each case (deep set and shallow set), the number of vessels with observers on board, and the corresponding percentage of vessels with observers (% observed)
- **d. No. of trips:** Indicate the total number of trips in each case (deep set and shallow set), the number of trips with observers on board, and the corresponding percentage of trips with observers onboard (% observed)
- **e. No. of effective fishing days:** Indicate the total number of fishing days in each case (deep set and shallow set) when fishing took place, the number of fishing days with observers on board, and the corresponding percentage of fishing days with observers onboard (% observed)
- **f. No. of sets:** Indicate the total annual number of sets in each case (deep set and shallow set), the annual number of sets with observers on board, and the corresponding annual percentage of sets with observers onboard (% observed)
- **g. No. of hooks (in thousands):** Indicate the total annual number of hooks in each case (deep set and shallow set), the annual number of hooks with observers on board, and the corresponding annual percentage of hooks with observers onboard (% observed). If the number of hooks is unknown, then include the approximate number of hooks/set instead and note this alternative reporting using an asterisk (\*)
- **h. Predominant hook type/size:** Using the IATTC codes indicate the most common hooks (> 50%) used throughout the year as a total, and in vessels with onboard observers in each case (deep sets and shallow sets). If your Country uses a different hook notation that is not in the IATTC code, please write in with the following information:

-Type: Circle, J, or Other

-**Size**: J (8 or 9)

Circle (13/14/15/16/17/18/19/20)

-Offset: Yes or No

**i. Predominant bait type:** Indicate the most common bait used throughout the year as a total, and in vessels with observers in each case (deep sets and shallow sets) using the following bait codes: SQ – squid (e.g. Cephalopods), M – mackerel (e.g. Scomber spp.), A – artificial lure (e.g. plastic jig), O-other, and

#### Sea Turtles Species (Units expressed in the number of individuals observed)

- **j. Released alive:** Total number of each sea turtle species released alive in each case (shallow and deep sets)
- **k. Released dead:** Total number of individuals of each sea turtle species released dead in each case (shallow and deep sets)
- **I. Released condition unknown:** Total number of each sea turtle species released under unknown conditions as the individual could not be brought onboard or close enough to verify the condition dead or alive.
- **m. Notes:** Include additional information such as turtles caught that had tags (flipper tags or satellite transmitter), in each case (shallow and deep sets), if applicable.

# Caribbean Netherlands Caribbean

## 1. Target Species

1. Target Species

Indicate the target species (common and scientific name) of the longline fisheries during the last year. Indicate with an **X** if the catch was using shallow or deep sets.

| Common<br>name | Scientific<br>name | Shallow<br>sets | Deep<br>sets |
|----------------|--------------------|-----------------|--------------|
|                |                    |                 |              |
|                |                    |                 |              |
|                |                    |                 |              |
|                |                    |                 |              |
|                |                    |                 |              |
|                |                    |                 |              |
|                |                    |                 | ·            |
|                |                    |                 |              |

#### 2. Shallow Sets (<15 HPB/HBF or <100m max hook depth)

2.1 Period Covered & Area Fished

Please enter information in the following formats:

**Period Covered:** date range mm/dd/yyyy-mm/dd/yyyy

Area Fished: from (XXX)oW to (XXX)oW and from (XXX)oS/N to (XXX)oS/N

|                | Shallow<br>sets |
|----------------|-----------------|
| Area Fished    |                 |
| Period Covered |                 |

#### 2.2. Fleet Information - Shallow Sets

Please read the instructions before filling out this form

#### Codes

IATTC Hook codes (https://www.iattc.org/Downloads/Hooks-Anzuelos-Catalogue.pdf)

Bait codes: SQ - squid (e.g. Cephalopods)

M - mackerel (e.g. Scomber spp.)

A - artificial lure (e.g. plastic jig)

O-other, and specify.

|                               | Total<br>Fleet | Observe<br>d | %<br>Observed |
|-------------------------------|----------------|--------------|---------------|
| No. of trips                  |                |              |               |
| No. of vessels that fished    |                |              |               |
| Predominant bait type         |                |              |               |
| Predominant hook type/size    |                |              |               |
| No. of hooks (in thousands)   |                |              |               |
| Number of sets                |                |              |               |
| No. of effective fishing days |                |              |               |

## Hook notation that is not in the IATTC code

If your country uses a different hook notation that is not in the IATTC code, please write in with the following information:

-Type: Circle, J, or Other

-**Size**: J (8 or 9)

Circle (13/14/15/16/17/18/19/20)

-Offset: Yes or No

>>>

2.3a Sea Turtle Species - Shallow sets

Number of Individuals Observed

Please read the instructions before filling out this form

|                        | Released Condition<br>Unknown | Released<br>Dead | Released<br>Alive |
|------------------------|-------------------------------|------------------|-------------------|
| Lepidochelys olivacea  |                               |                  |                   |
| Lepidochelys kempii    |                               |                  |                   |
| Dermochelys coriacea   |                               |                  |                   |
| Eretmochelys imbricata |                               |                  |                   |
| Chelonia mydas         |                               |                  |                   |
| Caretta caretta        |                               |                  |                   |

2.3b Notes (e.g. Tagged turtles, etc.)

>>

## 3. Deep Sets (≥15 HPB/HBF or ≥100m max hook depth)

3.1 Period Covered & Area Fished

Please enter information in the following formats:

Period Covered: date range mm/dd/yyyy-mm/dd/yyyy

Area Fished: from (XXX)oW to (XXX)oW and from (XXX)oS/N to (XXX)oS/N

|                | Deep<br>Sets |
|----------------|--------------|
| Period Covered |              |

| Area Fished |  |
|-------------|--|
|             |  |

#### 3.2 Fleet Information - Deep Sets

Please read the instructions before filling out this form

#### Codes

IATTC Hook codes (https://www.iattc.org/Downloads/Hooks-Anzuelos-Catalogue.pdf)

Bait codes:

SQ - squid (e.g. Cephalopods)

M - mackerel (e.g. Scomber spp.)

A - artificial lure (e.g. plastic jig)

O-other, and specify.

|                                  | Total<br>Fleet | Observe<br>d | %<br>Observed |
|----------------------------------|----------------|--------------|---------------|
| Predominant bait type            |                |              |               |
| Predominant hook type/size       |                |              |               |
| Number of effective fishing days |                |              |               |
| Number of trips                  |                |              |               |
| Number of sets                   |                |              |               |
| Number of vessels that fished    |                |              |               |
| Number of hooks (in thousands)   |                |              |               |

#### Hook notation that is not in the IATTC code

If your country uses a different hook notation that is not in the IATTC code, please write in with the following information:

-Type: Circle, J, or Other

-**Size**: 1 (8 or 9)

Circle (13/14/15/16/17/18/19/20)

-Offset: Yes or No

>>>

#### 3.3a Sea Turtle Species - Deep sets

Please read the instructions before filling out this form

|                        | Released<br>Alive | Released<br>Dead | Released Condition<br>Unknown |
|------------------------|-------------------|------------------|-------------------------------|
| Chelonia mydas         |                   |                  |                               |
| Lepidochelys olivacea  |                   |                  |                               |
| Lepidochelys kempii    |                   |                  |                               |
| Dermochelys coriacea   |                   |                  |                               |
| Eretmochelys imbricata |                   |                  |                               |
| Caretta caretta        |                   |                  |                               |

3.3b Notes (e.g. Tagged turtles, etc.)

>>:

## **Longline Fisheries (Vessels < 20m)**

Does your country have longline fisheries with vessels less than 20m?

| Please select only one option  ☐ Yes  ☐ No  |
|---|
| Instructions Please complete the information according to the type of set. Shallow sets correspond to sets with <15 Hooks per Basket or Hooks between Floats or hooks with <100 m depth. Deep sets correspond to sets with ≥15 Hooks per Basket or Hooks between Floats or hooks with ≥100m depth.  |
| Fleet Information (vessels < 20m)   |
| a. Period covered: Starting and end date of the fishing operations of the year  |
| <b>b.Area fished:</b> Indicate the area coordinates where shallow set and deep sets fishing operations were carried out during the last year.   |
| <b>c. No. of vessels that fished:</b> Indicate the total number of vessels in the fleet in each case (deep set and shallow set), the number of vessels with observers on board, and the corresponding percentage of vessels with observers (% observed)   |
| <b>d. No. of trips:</b> Indicate the total number of trips in each case (deep set and shallow set), the number of trips with observers on board, and the corresponding percentage of trips with observers onboard (% observed)  |
| <b>e. No. of effective fishing days:</b> Indicate the total number of fishing days in each case (deep set and shallow set) when fishing took place, the number of fishing days with observers on board, and the corresponding percentage of fishing days with observers onboard (% observed)  |
| <b>f. No. of sets:</b> Indicate the total annual number of sets in each case (deep set and shallow set), the annual number of sets with observers on board, and the corresponding annual percentage of sets with observers onboard (% observed)   |
| <b>g. No. of hooks (in thousands):</b> Indicate the total annual number of hooks in each case (deep set and shallow set), the annual number of hooks with observers on board, and the corresponding annual percentage of hooks with observers onboard (% observed). If the number of hooks is unknown, then include the approximate number of hooks/set instead and note this alternative reporting using an asterisk (*) |
| <b>h. Predominant hook type/size:</b> Using the IATTC codes indicate the most common hooks (> 50%) used throughout the year as a total, and in vessels with onboard observers in each case (deep sets and shallow sets). If your Country uses a different hook notation that is not in the IATTC code, please write in with the following information:  |
| -Type: Circle, J, or Other -Size: J (8 or 9)  |

Circle (13/14/15/16/17/18/19/20)

-Offset: Yes or No

i. Predominant bait type: Indicate the most common bait used throughout the year as a total, and in vessels with observers in each case (deep sets and shallow sets) using the following bait codes: SQ – squid (e.g. Cephalopods), M – mackerel (e.g. Scomber spp.), A – artificial lure (e.g. plastic jig), O-other, and specify.

### Sea Turtles Species (Units expressed in the number of individuals observed)

- **j. Released alive:** Total number of each sea turtle species released alive in each case (shallow and deep sets)
- **k. Released dead:** Total number of individuals of each sea turtle species released dead in each case (shallow and deep sets)
- **I. Released condition unknown:** Total number of each sea turtle species released under unknown conditions as the individual could not be brought onboard or close enough to verify the condition dead or alive.
- **m. Notes:** Include additional information such as turtles caught that had tags (flipper tags or satellite transmitter), in each case (shallow and deep sets), if applicable.

#### **Fisheries Areas Caribbean Netherlands**

#### Caribbean

## 1. Target Species

1. Target Species

Indicate the target species (common and scientific name) of the industrial longline fisheries during the last year. Indicate with an X if the catch was using shallow or deep sets.

| Common<br>Name | Scientific<br>Name | Shallow<br>sets | Deep<br>sets |
|----------------|--------------------|-----------------|--------------|
|                |                    |                 |              |
|                |                    |                 |              |
|                |                    |                 |              |
|                |                    |                 |              |
|                |                    |                 |              |
|                |                    |                 |              |
|                |                    |                 |              |
|                |                    |                 |              |

## 2. Shallow Sets (<15 HPB/HBF or <100m max hook depth)

2.1 Period Covered & amp; Area Fished

Please enter information in the following formats:

Period Covered: date range mm/dd/yyyy-mm/dd/yyyy

Area Fished: from (XXX)oW to (XXX)oW and from (XXX)oS/N to (XXX)oS/N

|             | Shallow<br>sets |
|-------------|-----------------|
| Area Fished |                 |

| Period Covered |  |
|----------------|--|
|                |  |

#### 2.2. Fleet Information - Shallow Sets

Please read the instructions before filling out this form

#### Codes

IATTC Hook codes (https://www.iattc.org/Downloads/Hooks-Anzuelos-Catalogue.pdf)
Bait codes: SQ – squid (e.g. Cephalopods)

M – mackerel (e.g. Scomber spp.) A – artificial lure (e.g. plastic jig)

O-other, and specify.

|                                  | Total<br>Fleet | Observe<br>d | %<br>Observed |
|----------------------------------|----------------|--------------|---------------|
| Predominant hook type/size       |                |              |               |
| No. of vessels that fished       |                |              |               |
| Predominant bait type            |                |              |               |
| No. of hooks (in thousands)      |                |              |               |
| Number of sets                   |                |              |               |
| Number of effective fishing days |                |              |               |
| Number of trips                  |                |              |               |

#### Hook notation that is not in the IATTC code

If your country uses a different hook notation that is not in the IATTC code, please write in with the following information:

-Type: Circle, J, or Other

-**Size**: J (8 or 9)

Circle (13/14/15/16/17/18/19/20)

-Offset: Yes or No

>>>

## 2.3a Sea Turtle Species - Shallow sets

Number of Individuals Observed

Please read the instructions before filling out this form

|                        | Released<br>Alive | Released<br>Dead | Released Condition<br>Unknown |
|------------------------|-------------------|------------------|-------------------------------|
| Lepidochelys olivacea  |                   |                  |                               |
| Lepidochelys kempii    |                   |                  |                               |
| Dermochelys coriacea   |                   |                  |                               |
| Eretmochelys imbricata |                   |                  |                               |
| Chelonia mydas         |                   |                  |                               |
| Caretta caretta        |                   |                  |                               |

2.3b Notes (e.g. Tagged turtles, etc.)

>>>

## 3. Deep Sets (≥15 HPB/HBF or ≥100m max hook depth)

#### 3.1 Period Covered & Area Fished

Please enter information in the following formats:

Period Covered: date range mm/dd/yyyy-mm/dd/yyyy

Area Fished: from (XXX)oW to (XXX)oW and from (XXX)oS/N to (XXX)oS/N

|                | Deep<br>Sets |
|----------------|--------------|
| Period Covered |              |
| Area Fished    |              |

#### 3.2 Fleet Information - Deep Sets

Please read the instructions before filling out this form

#### **Codes**

IATTC Hook codes (https://www.iattc.org/Downloads/Hooks-Anzuelos-Catalogue.pdf) Bait codes:

SQ - squid (e.g. Cephalopods)

M - mackerel (e.g. Scomber spp.)

A - artificial lure (e.g. plastic jig)

O-other, and specify.

|                                  | Total<br>Fleet | Observe<br>d | %<br>Observed |
|----------------------------------|----------------|--------------|---------------|
| Number of hooks (in thousands)   |                |              |               |
| Number of effective fishing days |                |              |               |
| Number of trips                  |                |              |               |
| Predominant bite type            |                |              |               |
| Number of vessels that fished    |                |              |               |
| Predominant hook type/size       |                |              |               |
| Number of sets                   |                |              |               |

#### Hook notation that is not in the IATTC code

If your country uses a different hook notation that is not in the IATTC code, please write in with the following information:

-Type: Circle, J, or Other

-**Size**: J (8 or 9)

Circle (13/14/15/16/17/18/19/20)

-Offset: Yes or No

>>>

#### 3.3a Sea Turtle Species - Deep sets

Please read the instructions before filling out this form

|                       | Released | Released | Released Condition |
|-----------------------|----------|----------|--------------------|
|                       | Alive    | Dead     | Unknown            |
| Lepidochelys olivacea |          |          |                    |

| Caretta caretta        |  |  |
|------------------------|--|--|
| Chelonia mydas         |  |  |
| Eretmochelys imbricata |  |  |
| Dermochelys coriacea   |  |  |
| Lepidochelys kempii    |  |  |

3.3b Notes (e.g. Tagged turtles, etc.)

>>>

## Thank you!

Thank you, you have completed the IAC Online Report questionnaire. We are very appreciative of the time you have taken to answer all of the questions. The PDF of this document will be published on the Annual Reports section of the IAC website http://www.iacseaturtle.org/informes-eng.htm