



INTER-AMERICAN SEA TURTLE CONVENTION

COSTA RICA

IAC - Annual Report 2024

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, 2024

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

Original language Spanish. Unofficial translation by Haydee Medina

Part I - General Information

Country

Name of the country reporting

>>> Costa Rica

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

>>> Rotney Piedra Chacón

1.2 Institution

>>> Ministerio de Ambiente y Energía, Sistema Nacional de Áreas de Conservación

1.3 Submission Date

>>> 29/ 05/2024

2) Agency or Institution responsible for preparing this report.

2.1 Name of the person preparing this report

>>> Rotney Piedra Chacón

2.2 Name of Agency or Institution

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3) Others who participated in the preparation of this report

3.1 Others who participated in the preparation of this report

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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

- ☒ Yes
☐ No
☐ In Progress

You have attached the following documents to this answer.

<<< <http://seaturtlereport.org/answers/21767/documents/937> In 2018, the country defined the strategic lines to be implemented through the strategy.

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 mydas*

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 XVIII?

Please attach the list of policies and programs and other information relevant to their adoption or implementation.

Please select only one option

- ☒ Yes
☐ No
☐ In Progress

You have attached the following Web links/URLs to this answer.

<<< Costa Rica has been implementing its National Program for Ecological Monitoring, including two specific programs related to sea turtles: Protocol for Monitoring the Dynamics of Sandy Beaches in the Face of Climate Change and the Protocol for Ecological Monitoring of Sea Turtle Nesting Beaches. A report is attached as an example.

1.3 Does your country have monitoring programs in accordance with Article IX?

Please attach the list of programs and other information relevant to their adoption or implementation.

Please select only one option

- ☒ Yes

- ☐ No
☐ In Progress

You have attached the following documents to this answer.

<<<

http://www.pgrweb.go.cr/scij/Busqueda/Normativa/Normas/nrm_texto_completo.aspx?param1=NRTC&nValor1=1&nValor2=89298&nValor3=117175&strTipM=TC Marine_governance.html -No. 41775- MP-MSP-MAG-MINAE-MOPT-TUR. In accordance with the provisions of article 6 of the Political Constitution of Costa Rica, the State exercises complete and exclusive sovereignty in the airspace of its territory, in its territorial waters for twelve miles from the low-water line along its coasts, on its continental shelf and on its island base in accordance with the principles of International Law. It also exercises special jurisdiction over the seas adjacent to its territory for an extension of two hundred miles from the same line, to protect, conserve and exploit exclusively all natural resources and wealth existing in the waters, soil and subsoil of these areas. In accordance with these principles, a governance mechanism is created for the marine spaces subject to the jurisdiction of the Costa Rican State. Even though this decree exists, the country has not made much progress with its implementation.

<http://costaricaporsiempre.org/programa-areas-protegidas/conservacion-marino-costera/> As part of the Protected Areas Program, we carry out marine and coastal conservation efforts through administration and technical support with the Costa Rica Forever Trust. Its primary objective is to address threats to biodiversity and the marine-coastal and oceanic ecosystems of Costa Rica. The Costa Rica Forever Trust works in 15 marine protected wilderness areas prioritized by the National System of Conservation Areas (SINAC).

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 2023– 30 April 2024**).

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 (2023).

National Legislation

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

You have attached the following Web links/URLs to this answer.

<<<<<<

International Instruments

<<<<<<

| | Treaty, Convention, Agreements, Memorandum of Understanding | Year signed and/or ratified |
|--|---|-----------------------------|
| | | |
| | | |
| | | |

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.)

>>> The Pacific and Caribbean coasts have incorporated among their tasks the facilitation, promotion and execution of protection, conservation, scientific research and environmental education activities.

2. Preparation, updating and implementation of General Management Plans in Marine Protected Areas.

3. In Responsible Fishing Marine Areas, Fisheries Management Plans are prepared and implemented, in which the characteristics and specific regulations for the exercise of fishing or aquaculture in said area are

established.

4. The Ministry of Environment and Energy (MINAE) and the Environmental Comptroller's Office maintain the Integrated System for Processing and Addressing Environmental Complaints (SITADA), the official site of Costa Rica, where you can enter and consult an environmental complaint or claim.

5. Patrols for the control and protection of sea turtles and their critical habitats. Seizures, detention of people, complaints in court.

6. Annual application of the Evaluation Tool for the Effectiveness of Management of Protected Wild Areas.

7. Application of the Ecological Monitoring Protocols in Protected Wild Areas to consider management actions.

9. The Public Ministry, through the National Commission for Environmental Security and the Section specialized in environmental crimes, has promoted compliance with current regulations and the improvement of control or supervision processes for issues associated with wildlife, this at a general level and not only in the case of sea turtles.

10. SINAC and the National Commission for Biodiversity Management (CONAGEBIO) have tried to integrate the efforts of NGOs, academia, civil society and other public institutions to promote the conservation and sustainable use of biodiversity through good practices and awareness through the Costa Rica Silvestre platform, and are coordinating to integrate sea turtles:

<https://costaricasilvestre.go.cr/>

1. Institutions such as SINAC, the Ministry of Public Security, NGOs, academia, communities, among others, have developed conservation strategies, from operations, plans and educational campaigns to reduce illegal wildlife trafficking, however, work must be done to ensure the continuity over time of these processes that are increasingly more costly financially.

12. The IT Platform for the management of knowledge and national information on Biodiversity is created. It is an information system aimed at systematizing, documenting and publishing information on the biodiversity of Costa Rica

(<http://biodiversidad.go.cr/>)

The following links/URLs have been attached to this response.

SITADA - Platform for filing environmental complaints

Biodata - Knowledge management

4) Efforts to increase IAC membership

4.1 Has your country encouraged non-member states to join the IAC?

Please select only one option

☐ Yes (list countries below)

>>>

☒ 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)

>>>

☒ No

5) Exceptions under the Convention

Implementation and monitoring of exceptions established in the Convention.

5.1 Does your country have an exception 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

Panama's Exception Resolution CIT-COP10-2022-R3

Guatemala's Exception Resolution CIT-COP10-2022-R4

Costa Rica's Exception Resolution CIT-COP10-2022-R5

Please select only one option

☒ Yes

☐ Not applicable. The country does not have an Exception

You have attached the following documents to this response.

<http://seaturtlereport.org/answers/21770/documents/940> -The achievements made in the year as a result of the execution of the

Project for the use of eggs, control and habitat management of the population of the olive ridley sea turtle (*Lepidochelys olivacea*), which nests in the community of Playa Ostional, are described. An example is attached.

<http://seaturtlereport.org/answers/21770/documents/948> -The Interinstitutional Advisory Council of the Ostional National Wildlife Refuge – CIMACO – (created according to Executive Decree No. 34590-MINAE and its Internal Regulations) meets once a month (there is a minute for each meeting). Each minute refers to the progress in the fulfillment of agreements, the definition of new ones and progress in the fulfillment of the activities prioritized by the subcommittees.

<http://seaturtlereport.org/answers/21770/documents/941> -- Prior to each arrival and for SINAC to proceed with the declaration, the ADIO environmental manager must monitor the nesting activity of the Lora Sea turtle (*Lepidochelys olivacea*) in the Ostional National Wildlife Refuge. Specifically, she is in charge of monitoring the threshold of the exploitable arrival, counting at least 1,000 individuals of the “Lora” sea turtle and preparing the document called “Declaration of arrival” during each of the exploitable arrivals in 2023. Her report is attached here.

5.2 Has your country presented a 5-year report on the implementation of the Exception Resolution?

Resolution CIT-COP10-2022-R3 Exception Panama

Resolution CIT-COP10-2022-R4 Exception Guatemala

Resolution CIT-COP10-2022-R5 Exception Costa Rica

Attach the five-year report.

☐ Yes

☐ No

☐ Not applicable. The country does not have an Exception

5.3 Does your country have a management plan for the exception?

If yes, attach the exception management plan

☒ Yes

☐ No

☐ In preparation

☐ Not applicable. The country does not have an Exception

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. You have attached the following documents to this response.

>>> The Interinstitutional Advisory Council of the Ostional National Wildlife Refuge – CIMACO – (created according to Executive Decree No. 34590-MINAE and its Internal Regulations) met once a month during 2023 (there is a minute for each meeting). There are three commissions that have been prioritized and that are active: Legal, Update of the Five-Year Plan and General Management Plan. Minutes are prepared for each work session to systematize the process and follow up on the agreements. Each commission defines the priority activities that it will attend to throughout the year, which is part of the CIMACO Action Plan. One of the meeting minutes has been attached in a previous section as an example of the process (minutes of February 2023).

The monitoring and research program for the *Lepidochelys olivacea* turtle is still underway. The 2023 report is under review. The Ostional Comprehensive Development Association annually prepares its Report on the achievements of the Project for the use of eggs, control and habitat management of the population of the olive ridley sea turtle (*Lepidochelys olivacea*), which nests in the community of Playa Ostional, a document that is attached. The working committee for the updating of the Five-Year Plan continues to work on the process.

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 Ocean | Pacific Ocean | Caribbean Sea |
|------------------------|--------------------------|-------------------------------------|-------------------------------------|
| Lepidochelys olivacea | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Lepidochelys kempii | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Dermochelys coriacea | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Eretmochelys imbricata | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Caretta caretta | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Chelonia mydas | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

Additional Notes

Include other information, if required

>>> No additional information required

2) IAC Resolutions

2.1 The following resolutions apply to this country

☒ Eastern Pacific Leatherback Turtle Resolution

☒ 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. There are no nesting beaches in the country" in questions 1-10 and continue to Section 2.

Please select only one option

☒ Yes

☐ Not applicable. 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

☐ Not applicable. There are no nesting beaches in the country

You have attached the following documents to this response.

<http://seaturtlereport.org/answers/21777/documents/950> - Report on the results of one of the nesting beaches for the leatherback turtle in the Pacific, which a few years ago was one of the most important along the EPO.

If the answer is "Yes", please described (500 words maximum)

>>> Protected Wild Areas that have nesting beaches for sea turtles have General Management Plans. They consider an approach to actions based on an ecosystemic focus,

Nesting beaches and sea turtles are focal elements of management. On each of the beaches, sea turtle nesting is monitored to assess their situation. On nesting beaches outside protected areas, non-governmental and local organizations are maintained, implementing monitoring programs and actions that help conserve the species in the Costa Rican Pacific. These programs are made official through research permits issued by SINAC or INCOPECA. The beaches considered as index and secondary for the Leatherbacks have a permanent monitoring program and the implementation of activities aimed at reversing their current state. The effort is maintained with national and international support.

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
☐ Not applicable. There are no nesting beaches in the country

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

»» The leatherback turtle monitoring programs on index beaches and those considered secondary beaches are consolidated thanks to the efforts and support of several organizations. Each leatherback nest that occurs within or near the beaches where monitoring is carried out (to the extent possible for those responsible for the project) is protected and monitored. To prevent the poaching of eggs, in those sites that require it, mostly outside ASP, the nests are relocated to some sector of the same beach or transferred to a hatchery.

4. Has your country taken conservation measures for the protection of the East Pacific leatherback nesting beaches and their associated habitats?

Please select only one option

- ☒ Yes
☐ No
☐ Not applicable. There are no nesting beaches in the country

If the answer is "Yes," describe the conservation measures used (500 words maximum)

»» In addition to what was mentioned in previous reports on the permanence of monitoring and research programs, the Responsible Marine Fishing Area in the North Pacific of Costa Rica, known as Papagayo and which was mentioned last year, which borders secondary nesting beaches for the Leatherback, and therefore a site where the species moves, continues to work on its management under the coordination of the Costa Rican Institute of Fisheries and Aquaculture and the Chamber of Fishermen of Guanacaste. Measures for the protection of sea turtles continue to be considered. On the other hand, the country has updated the sites of importance for marine conservation. In this new process, nesting sites, feeding sites and movements for sea turtles have been prioritized. In reference to the latter, the country has a final report that could not be attached because it exceeded 10 MB in size and that is available.

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
☐ Not applicable. There are no nesting beaches in the country

If the answer is "Yes," list the new nesting beaches identified

»» Not applicable.

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
☐ Not applicable. There are no nesting beaches in the country

If the answer is "Yes," describe the conservation measures used (500 words maximum)

»» No applicable

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

☐ Not applicable. There are no nesting beaches in the country

If the answer is "Yes," describe the economic alternatives identified (500 words maximum)

»» Among the economic activities, those related to the operation of tourism continue, specifically by offering guided services (groups of local communal guides) to visitors for the observation of sea turtles. Another of the economic alternatives continues to be the operation of volunteer programs, where lodging and food are provided by NGOs or by the community that is located near where sea turtle nesting occurs and there is a nesting monitoring program, for example, this is the case of the Ostional National Wildlife Refuge in the Pacific, where there is also nesting of Leatherbacks. There are other indirect services associated with visits to observe sea turtles, such as the operation of stores for the sale of souvenirs, restaurants, sale of other types of tours, among others.

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

»» 7

You have attached the following documents to this response.

If the answer is "Yes," describe the economic alternatives identified (500 words maximum)

»» <http://seaturtlereport.org/answers/21788/documents/951> En 18 sitios de la costa pacífica se han reportado las Baulas en algún momento. En el caso de anidar alguna o verse en el mar, la misma es por lo general reportada en los informes finales de investigación. Para la temporada 2023-24 se reportan nidos en: Refugio Nacional de Vida Silvestre (RNVS) Camaronal, RNVS Ostional, Parque Nacional Marino las Baulas, Complejo de Playas Nombre de Jesús-Zapotillal, Cabuyal, Naranjo.

9. Which methods are used to monitor East Pacific leatherback nesting on beaches in your country? (choose all that apply)

☐ No applicable. There are no nesting beaches in the country

☒ Nest/tracks count morning monitoring

☒ Nest/tracks count night monitoring

☒ Nest/racks 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)

»»

☐ Use of drones (indicate the frequency in the box below)

»»

☐ Other

10. Describe the challenges the country faces in responding positively to the questions in this section to which you answered "No". Please indicate the number of the question to which you are referring. (max 500 words).

»» The greatest challenge remains that, given the large number of sea turtle monitoring and conservation projects throughout the country, gathering the required information in a timely and efficient manner is not entirely possible at this time, hence the delays in delivery or the lack of information. Therefore, the country is working on a system that facilitates the gathering, systematization and safeguarding of the information generated by national monitoring projects so that the State can report the information in a timely manner to the corresponding entities in accordance with the commitment made.

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

Only applicable for country with nesting beaches. Countries with no nesting beaches will leave this section blank.

11. Protection of Nests IN SITU

a. Protection of Nest IN SITU. 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)
>>> Depending on the nesting beach and the threats present, nests were under the following condition:
1. Nests that were left in situ, which occurred both on beaches located in Protected Wilderness Areas and outside Protected Wilderness Areas.
2. Nests that were relocated to other sectors of the same nesting beach.
3. Nests that were relocated to nurseries.

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)
>>> 100

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)

>>>17

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

>>> 53

e. If the country uses another way to calculate de percentage (%) of hatching, please describe it below.
>>> Not applicable

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 | Not available |
|---------------------|----------------|
| Boxes | Not applicable |
| Same beach | Not available |
| Other (Which and %) | Not applicable |

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
- ☐ N/A. There are no nesting beaches in the country
- ☐ Other

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
- ☐ Others
- ☐ N/A. There are no nesting beaches in the country

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).

>>> One of the relevant challenges remains to gather and systematize the information from all the projects in a single platform, so the country continues to work on the creation of a tool that allows to organize, systematize and safeguard the information generated by each of the monitoring projects and that corresponds to the data that the country must report in its national report. Another of the great challenges is the sustainability of the monitoring programs in the long term.

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

>>> As mentioned in the previous report, the country has made progress in marine conservation by declaring 30 % of the country's marine space under one of the management categories. In the case of the Baula, two important actions to highlight are:

1. The space between the Las Baulas National Marine Park and the Santa Rosa National Park, North Pacific, has been included as a Responsible Marine Fishing Area, known as Papagayo. In this site, according to the fisheries management plan, the sector has included conservation measures and good practices, such as training courses on handling and releasing sea turtles.
2. The other important site for the Baulas is the one included in the Bicentennial Marine Management Area, which is located in the Tropical Eastern Pacific Marine Corridor (CMAR).

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

>>> 1) Shillinger et al 2008; 2010; 2011;2012.

2)Bailey et al 2012.

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)

>>> Costa Rica participated in the joint CIT-CIAT collaboration project that generated the following two articles: 1. Vulnerability of the Critically Endangered leatherback turtle to fisheries by catch in the eastern Pacific Ocean. II. Assessment of mitigation measures. Endang Species Res. Vol. 53: 295–326, 2024 <https://doi.org/10.3354/esr01305>.

2. Vulnerability of the Critically Endangered leatherback turtle to fisheries by catch in the eastern Pacific Ocean. I. A machine-learning species distribution model. Endang Species Res. Vol. 53: 271–293, 2024 <https://doi.org/10.3354/esr01288>.

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

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)

>>> As indicated in previous reports, it is maintained that in the Costa Rican Pacific, consumption is linked to the use of eggs, so there is a significant effort through monitoring, research and protection programs to safeguard nests from looting, this in accordance with the measures mentioned in previous sections.

20. Does your country carry out awareness and enforcement campaigns to stop the consumption and illegal use of East Pacific leatherbacks, in the areas identified in the question above?

Please select only one option

☒ Yes

☐ No

If the answer is “Yes,” list the campaigns carried out in the year of this report (500 words max)

>>> Throughout the nesting period of the Leatherback in the Pacific of Costa Rica, the different monitoring programs carry out awareness, inspection, surveillance and law enforcement activities to stop consumption - including night patrols throughout the season, dissemination of results and events on social networks. Some examples of websites are included in the attachment.

The following links/URLs have been attached to this response.

<http://www.facebook.com/kuemartortugas/> - KUEMAR is a non-profit organisation which promotes conservation of marine turtles through research, outreach and voluntary work

<http://www.leatherback.org/> - Association is working to make a change in sea turtle conservation

<http://www.leatherback.org/> The Leatherback Trust is a non-profit organization dedicated to saving the leatherback sea turtle.

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
☐ 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.

>>> In May 2023, Costa Rica held the 2nd CITES workshop for the identification of hawksbill turtle products and by-products affected by illegal trafficking. The workshop was scheduled to take place in different areas of the country, both in the Caribbean and the Pacific.

You have attached the following documents to this response

<http://seaturtlereport.org/answers/21808/documents/952> - II workshop on the identification of Carey products - Given to officials of the National System of Conservation Areas in May 2023.

2. Use has been reported 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.

>>> Review of the national action plan for the conservation of sea turtles Publication of a new edition of the Licensing Guide for Marine Turtles (2023).

3. Are activities being carried out in your country to stop the illegal trade of hawksbill products?

Please select only one option

- ☒ Yes
☐ No
☐ Not applicable

You have attached the following links/URLs to this answer.

http://www.sitada.go.cr/denunciaspublico/ingreso_denuncias.aspx - Public system for filing environmental complaints

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.

>>> The SITADA system is available to citizens to file environmental complaints. The Judicial Investigation Agency (OIJ) created the Specialized Section against Environmental Crimes, which has about 20 investigative officers in cases of wildlife trafficking, who are fully dedicated to combating such crimes. The Agrarian Environmental Prosecutor's Office is part of the Network for Observance and Application of Wildlife Regulations in Central America and the Dominican Republic (Roavis). This is a site where information and intelligence are exchanged between the different participating countries to deal with cross-border environmental issues.

4. 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
☐ 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.

>>> There is an ongoing effort to protect nesting sites, which is carried out by non-governmental organizations that lead monitoring programs, but also carry out nest protection and environmental education activities. Police authorities patrol nesting sites, although the activities are not sufficient, and the frequency of these is closely associated with the lack of personnel and economic resources.

You have attached the following links/URLs to this answer.

<http://seaturtlereport.org/answers/21814/documents/961> - Results of the Cahuita National Park Monitoring Program

<http://seaturtlereport.org/answers/21814/documents/960> - Monitoring results in Gandoca

<http://seaturtlereport.org/answers/21814/documents/954> - Nesting sites where the Hawksbill has been reported.

4b. Protection of feeding habitats

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.

>>> Protection efforts are maintained in those sites closest to the coast, carried out mainly by conservation efforts carried out by Non-Governmental Organizations. There are also efforts made by the state through the Coast Guard and SINAC, although the number of patrols mariners is closely related to the number of available personnel, economic resources, environmental conditions, inter-institutional coordination, among others.

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

1. Has your country created national action plans and/or monitoring programs to promote loggerhead seaturtle conservation?

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.

>>> Not applicable

2. State if there are plans or recovery programs, or bilateral or regional cooperation in your country.

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.

>>> Not applicable

3. Are these action plans or monitoring programs being implemented?

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.

>>> Not applicable

4. Is there protection of the loggerhead turtle at a state or federal level?

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.

>>> Not applicable

5. Has your country taken conservation actions to protect nesting beaches and their associated habitats?

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.

>>> Not applicable

6. Are there laws on turtle-friendly lighting in areas impacted by coastal development?

Please select only one option

- ☐ Yes
☐ No
☐ Not applicable. There are 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.

>>> Not applicable

7. Is there long-term (minimum 10 years) standardized data available for population trend studies?

Please select only one option

- ☐ Yes
☐ No
☐ Not applicable. There are 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.

>>> Not applicable.

8. Is there exploitation or direct harvest of loggerhead turtles in your country?

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.

>>> Not applicable

Resolution CIT-COP9-2019-R2 - Northwest Atlantic Leatherback (*Dermochelys coriacea*)

1. 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?

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.

>>> Not applicable

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.

>>> Not applicable

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.

>>> It is indicated again that as a non-cooperating country of the ICAAT, we must apply the recommendations agreed upon in this agreement, which is being worked on according to the instructions of Incopesca. The Responsible Marine Fishing Area in the Barra del Colorado area, created by INCOPESCA, continues to work on the implementation of the Fisheries Management Plan. It is highlighted that the country has framework laws that protect turtles directly and indirectly: Law for the Conservation and Protection of Marine Turtles; Organic Law of the Environment, Law of Biodiversity and its regulations; Law of Conservation of Wildlife and its regulations.

In previous reports, the list of legal instruments in force in the country has been provided.

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

☐ Not applicable. There are 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.

>>> 1. The Ministry of Environment and Energy, through the National System of Conservation Areas, in its Protected Wild Areas: Tortuguero National Park, Cahuita National Park, Gandoca Manzanillo National Wildlife Refuge, Barra del Colorado National Wildlife Refuge, Archie Carr National Wildlife Refuge, continues with the implementation of annual Specific Plans for Environmental Education, Research, Volunteering, Protection and Control, Ecological Monitoring, Communication, Ecotourism. There is a follow-up and evaluation that occurs through the annual application of the Evaluation Tool of the Management Effectiveness of Protected Wild Areas.

2. On Leatherback turtle nesting beaches within Protected Areas, SINAC officials conducted control and protection patrols, and authorized researchers and their teams continued to collect information on the turtles and their nests.

3. On Leatherback nesting beaches outside of Protected Wilderness Areas, there are non-governmental and local organizations implementing monitoring programs and actions that help conserve the species in the Costa Rican Caribbean. In many of the sites, the nests were relocated to nurseries or placed on the beach itself. With this activity, in addition to recording data on females and nests, the illegal poaching of eggs and captures was reduced. Although it is important to recognize that egg poaching is a very present threat in the Caribbean, sites outside of protected wild areas require attention that involves different actors in civil society. Their conservation and management continue to be associated with the implementation of some governance model that allows us to go beyond just the efforts we make at the level of NGOs, researchers or the State itself; it requires the involvement of all key actors.

4. Costa Rica has implemented the Integrated System for Processing and Addressing Environmental Complaints (SITADA), a platform that has been very important in strengthening and controlling activities related to this issue.

5. Each research and monitoring project that has operated inside or outside protected areas must submit a report on the results obtained, including relevant information such as the number of nests, number of females, hatching success, emergence success, as well as the respective recommendations, which, to the extent possible and as appropriate, could be incorporated into specific plans or future research proposals. A research report is attached.

The following documents have been attached to this response.

<http://seaturtlereport.org/answers/21840/documents/959> - Results of the Parismina Bar Monitoring Program

<http://seaturtlereport.org/answers/21840/documents/958> - Results of the monitoring program in Pacuare

<http://seaturtlereport.org/answers/21840/documents/957> - Moin Monitoring Program Results

<http://seaturtlereport.org/answers/21840/documents/956> - Pacuare monitoring results

<http://seaturtlereport.org/answers/21840/documents/955> - Results of the monitoring program

Tortuguero

5. Does your country have a monitoring and tagging program at the NWA leatherback nesting beaches?

Please select only one option

☒ Yes

☐ No

☐ Not applicable. There are 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.

>>> 1. On Leatherback nesting beaches, there are different organizations implementing monitoring programs and actions that help conserve the species in the Costa Rican Caribbean.

2. Each research and monitoring project that has operated inside or outside protected areas must submit to the National System of Conservation Areas (SINAC) a report of the results obtained, as well as the respective recommendations, which, to the extent possible and as appropriate, could be incorporated into future research proposals. The research section lists the research that has been authorized in the country. In the previous section, reports on monitoring results were attached.

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

☐ Not 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
☐ 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.

>>> Fishing operations books are implemented.

2. Does your country have observer programs?

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.

>>> Not applicable.

3. Does your country do research on sea turtle/fishery interactions?

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.

>>> Interactions between fishing gear and sea turtles are recorded in fishing operation logs

4. Does your country have information on non-Party vessels and interactions with sea turtles?

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.

>>> Not applicable

5. Does your country cooperate with non-party states to obtain information on interactions with sea turtles?

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.

>>> Not applicable Mitigation measures

B. Mitigation measures

6. Does your country implement mitigation measures in long-line fisheries?

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.

>>> circle hook, protocol, and workshops on good handling and release practices

7. Does your country implement mitigation measures in gillnets fisheries?

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.

>>> Not applicable

8. Does your country implement mitigation measures in trawl fisheries (e.g. TEDs)?

Please select only one option

- ☐ Yes
☐ No
☒ Not applicable

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

>>> Not applicable

9. Experiments to evaluate and promote the voluntary use of TEDs Does your country implement mitigation measure in other fishing gears?

Please select only one option

- ☐ Yes
☐ No
☒ Not applicable

If yes, please indicate which fishing gears

>>> Not applicable

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

>>> Were not carried out in the last year

C. Socio-economic considerations

11. Do your country support socio-economic activities that help mitigate adverse impacts of fisheries on sea turtles?

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.

>>> Not applicable

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 k | Dc | Ei | Cc | Cm |
|---------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| Direct Use | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Incidental Capture | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Coastal development | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Pathogens | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Contamination | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Climate Change | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

2) Indicate the mitigation actions that apply for each species

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

| | L k | L o | Dc | Ei | Cc | Cm |
|---|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| Establishment of Marine Protected Areas | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Lighting regulations in place | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Permits required for construction near nesting sites | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Permits required for scientific research on feeding/nesting grounds | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Permits required for recreational activities near nesting sites | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Beach Cleanups | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Predator's removal/control | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Use of sea turtle friendly lighting | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| None | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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

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

2.3 Direct use mitigation actions

| | L o | L k | Dc | Ei | Cc | Cm |
|---|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| None | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Nests relocation | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Night Patrols | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Day Patrols | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Flipper Tagging | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Satellite Tracking | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Poaching regulations in place | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Environmental education for local communities | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Seizure of sea turtle products | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Livelihood alternatives for local communities | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Permits required for scientific research | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Exception management plan (if applies) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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.

| | Cm | Cc | Ei | Dc | L k | L o |
|------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| Tagging | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Migration | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Genetics | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Habitat monitoring | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Fisheries interactions | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Disease | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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.

>>> According to the records of the coordination of the Research Program of the National System of Conservation Areas, a total of 41 investigations were authorized for the year 2023, each of them has its respective research permit. For more details of each investigation, you can consult SINAC according to the Resolution number indicated below:

1. ACG: R-SINAC-ACG-PI-043-2023_Use of Drone with Infrared Thermal Sensors for Turtle Counting During Arrival at Nancite Beach_ Osa Conservation Association_ Santa Rosa PN.
2. ACLAC: R-SINAC-PNI-ACLAC-001-2023 Study on the Nesting, Foraging, and Movement Activities of Sea Turtle Populations in the Gandoca Manzanillo “Jairo Mora” National Wildlife Refuge (Regama) and the Functional Role They Play in the Oceanic Ecosystem, With Emphasis on the Hawksbill Turtle (*Eretmochelys Imbricata*) _Costa Rican Alliance for Sea Turtle Conservation & Science _RNVs Gandoca – Manzanillo (mixed).
3. ACLAC: R-SINAC-PNI-ACLAC-002-2023; Research, Conservation and Management of Sea Turtle Populations of Playa Moín (Moín Beach from the Mouth of the Matina River to the Apm Terminals Facilities), Costa Rica Association; Latin America Sea Turtles (LAST); Fuera_ASP.
4. ACLAC: R-SINAC-PNI-ACLAC-003-2023; Research, Conservation and Management of Sea Turtle Populations of Playa Pacuare, Costa Rica (From Playa Pacuare Norte, from Laguna Perla to the Mouth of the Pacuare River), Costa Rica; Latin American Sea Turtles Association - LAST; Fuera_ASP.
5. ACLAC: R-SINAC-PNI-ACLAC-004-2023; Wildlife Conservation and Population Monitoring Project of Matina Beach Sea Turtles RAINFOREST CONCERN; Fuera_ASP.
6. ACLAC: R-SINAC-PNI-ACLAC-005-2023; Monitoring of Sea Turtle Populations in Pacuare Reserve; Ecology Project International RF; Pacuare – Matina.
7. ACLAC: R-SINAC-PNI-ACLAC-006-2023; Monitoring of the Population of Leatherback (*Dermochelys Coriacea*), Green (*Chelonia Mydas*) and Hawksbill (*Eretmochelys Imbricata*) Turtles Nesting on Mondonguillo Beach, Matina de Mondonguillo, Limón Costa Rica; Caribbean Sea Turtle Station Association; Fuera_ASP.
8. ACLAC: R-SINAC-PNI-ACLAC-007-2023; Monitoring of Sea Turtle Nesting Colonies and Management Plan for Sea Turtle Zoocriadero in Playa Grande de Cahuita and Playa Penshurt; Cahuita Rescue Turtle Race Association; Fuera_ASP.
9. ACLAC: R-SINAC-PNI-ACLAC-008-2023; Monitoring of the Spawning Dynamics of Sea Turtles from the Mouth of the Pacuare River South to the Northern Limit of the Pacuare Nature Reserve, Matina, Limón Association of Volunteers for Environmental Protection (ASVPA); Fuera_ASP.
10. ACLAC: R-SINAC-PNI-ACLAC-009-2023 Community Monitoring of Sea Turtle Spawning in Barra de Parismina, Limón, Costa Rica; Asociación Salvemos las Tortugas de Parismina (ASTOP); Fuera_ASP.
11. ACLAC: R-SINAC-PNI-ACLAC-012-2023; Sea Turtle Nesting on the Beaches of Cahuita National Park; Latin American Sea Turtles Association Cahuita_P16.

12. APMC: R-009 PI-DR-APMC-2023; Migratory Movements of Sea Turtles and Elasmobranchs in the Isla Del Coco National Park (Pnic) and the Bicentennial Marine Management Area (Amm B); Rescue Center for Endangered Marine Species (CREMA); Isla Del Coco_P20.
13. APMC: R-010- PI-DR-APMC-2023; Addendum A Migratory Movements of Sea Turtles and Elasmobranchs in the Isla del Coco National Park and Bicentennial Marine Management Area; Rescue Center for Endangered Marine Species (CREMA); Isla del Coco_P20.
14. ACOPAC: SINAC-ACOPAC-D-RES-030-2023; Protection and Research of the Olive Ridley Turtle (*Lepidochelys Olivacea*) and Others, That Nest on Palo Seco Island, Parrita, Costa Rica". MARTZ RESORT PROPERTIES R.S.L Company; Fuera_ASP.
15. ACOPAC: SINAC-ACOPAC-D-RES-044-2023; Protection and Monitoring of the Solitary Nesting Activity of Sea Turtles at Hacienda Barú; Hacienda Barú RNVS Finca Barú Del Pacifico (mixed).
16. ACOPAC: SINAC-ACOPAC-D-RES-046-2023; Spawning Dynamics of Sea Turtles at Matapalo Beach, Quepos; Association of Volunteers for the Protection of the Environment (ASVPA); Fuera ASP.
17. ACOPAC: SINAC-ACOPAC-D-RES-047-2023; Turtle Spawning Dynamics at Playa Esterillos Parrita, Puntarenas; Association of Volunteers for the Protection of the Environment (ASVPA); Outside ASP.
18. ACOPAC: SINAC-ACOPAC-D-RES-048-2023; Sea Turtle Spawning Dynamics at Playa Bandera, Parrita, Puntarenas; Association of Volunteers for the Protection of the Environment (ASVPA); Outside ASP.
19. ACOPAC: SINAC-ACOPAC-D-RES-050-2023; Sea Turtle Research Project in the Playa Hermosa-Punta Mala National Wildlife Refuge". SINAC RNSV Playa Hermosa-Punta Mala (mixed).
20. ACOPAC: SINAC-ACOPAC-D-RES-051-2023; Pronamec Ecological Monitoring on Sea Turtle Nesting Beaches of the Playa Hermosa - Punta Mala National Wildlife Refuge". Ojochal Tortuga Reserve Foundation; RNSV Playa Hermosa-Punta Mala (mixed).
21. ACOPAC: SINAC-ACOPAC-D-RES-052-2023; Sea Turtle Conservation, Playa Isla Damas, Parrita Puntarenas. 2023-2024. Ojochal Tortuga Reserve Foundation; Outside ASP.
22. ACOSA: SINAC-ACOSA-D-PI-R-015-2023; Monitoring and Conservation of Sea Turtle Populations as a Strategy for Environmental Awareness, Controlling Nest Looting and Increasing Ecological Knowledge in the Carate-La Leona-Madrigal Region, Osa Peninsula; Association for Innovations for Sustainable Human Development (IDEHS); Corcovado National Park.
23. ACT: ACT-OR-DR-049-2023; Monitoring the Nesting Activity of Sea Turtles (Testudinata, Cheloniidae, Dermochelyidae) of the Ostional River; University of Costa Rica; Ostional River (mixed).
24. ACT: ACT-OR-DR-072-2023; Monitoring the Nesting Activity of the Olive Ridley Sea Turtle (*Lepidochelys Olivacea*) During the Exploitable Pre-Arrival Within the Ostional River; ADIO; Ostional River (mixed).
25. ACT: ACT-OR-DR-076-2023; Monitoring, Marking, Morphometry and Size Program of Sea Turtle Arrivals in the Camaronal and Ostional Rivers, ACT, Costa Rica; SINAC-ACT Ostional RNVS (mixed), Camaronal RNVS (mixed).
26. ACT: ACT-OR-DR-109-2023; Monitoring and Management of Sea Turtles at Buenavista Beach, Nicoya, Costa Rica; ASVO; Fuera_ASP.
27. ACT: ACT-OR-DR-110-2023; Monitoring and Management of Sea Turtles at Montezuma Beach, Cóbano Costa Rica; ASVO; Fuera ASP.
28. ACT: ACT-OR-DR-118-2023; Turtle Conservation and Research Project in the Romelia Mixed RNVS, 2023 Season Not indicated; Romelia RNVS (mixed).
29. ACT: ACT-OR-DR-119-2023; Monitoring and Management of Sea Turtles at Arío Beach, Cóbano, Costa Rica; Center for Social and Natural Resources Research; Outside ASP.
30. ACT: ACT-OR-DR-124-2023; CREMA Project for Conservation and Monitoring of Sea Turtles on Nesting Beaches in the Southern Nicoya Peninsula (Plans); Center for the Rescue of Endangered Marine Species (CREMA); Outside ASP.
31. ACT: ACT-OR-DR-133-2023; Predation Events and Disturbance in In-Situ Nest Survival Rates Between Mass and Solitary Nesting Strategies of *Lepidochelys Olivacea* in Ostional, Costa Rica; University of Texas; Ostional NWR (mixed).
32. ACT: ACT-OR-DR-140-2023; Research and Conservation of Sea Turtles at Organos Beach, Paquera, Puntarenas Peninsular Biological Corridor Association. Outside ASP.
33. ACT: ACT-OR-DR-153-2023; Research and Conservation of Sea Turtles in Tambor Bay; Tambor Bay Turtle Association; Outside_ASP.
34. ACT: ACT-OR-DR-158-2023; Monitoring, Research and Conservation of Sea Turtle Populations in Las Baulas National Marine Park Indiana Purdue University Fort Wayne; Las Baulas Marine Park in Guanacaste.
35. ACT: ACT-OR-DR-180-2023; Monitoring of the Population of Olive Ridley (*Lepidochelys Olivacea*), Leatherback (*Dermochelys Coriacea*) and Black (*Chelonia Mydas*) Sea Turtles Nesting on Beaches: Langosta (Pnm las Baulas), Nombre de Jesús, Honda, Real and Zapotillal, Guanacaste, Costa Rica. SINAC-ACT/Kuemar; Out ASP.
36. ACT: ACT-OR-DR-181-2023; Research and Conservation of the Sea Turtle Populations of Punta Pargos, Guanacaste, Costa Rica. Let's Save Ourselves, Out ASP.
37. ACT: ACT-OR-DR-208-2023; Use of Drone with Infrared Thermal Sensors for Turtle Counting During the Arrival at Ostional Beach. Asociación Conservación Osa RNVS Ostional (mixed).
38. ACTo SINAC-ACTo-DIR-RES-025-2023 Research and Conservation of Sea Turtles in the Tortuguero Conservation Area" Turtle Love Project P.N Tortuguero
39. ACTo SINAC-ACTo-DIR-RES-028-2023 Sea Turtle Monitoring and Conservation Program-2023"; Canadian

Organization for Tropical Education and Rainforest Conservation (COTERC); RNVS Barra Del Colorado (mixed).

40. ACTo: SINAC-ACTo-DIR-RES-040-2023; Sea Turtle Monitoring Program - 2023; Sea Turtle Conservancy. PN Tortuguero.

41. ACTo: SINAC-ACTo-DIR-RES-060-2023 Addition of Assistants to the Sea Turtle Monitoring Program - 2023. Sea Turtle Conservancy; PN Tortuguero.

4) Other activities

In the case of projects, please include the name of the project, organizations involved, a five lines summary, 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.

If your country does not have nesting beaches, PART V Nesting Information will be left blank, as it does not apply to your country.

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.

»»

Costa Rica

Isla Murcielago.

Criteria for selection of this index beach/site:

#[Beach]

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 instructions

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 nesting season started | Month and day the nesting season started | Year the nesting season ended | Month and day the nesting season ended | Start of monitoring period | End of monitoring period | Survey frequency | Season females exact count | Season clutches exact count | Season number of nests |
|----|---------------------------------|--|-------------------------------|--|----------------------------|--------------------------|------------------|----------------------------|-----------------------------|------------------------|
| Lo | | | | | | | | | | |
| Lk | | | | | | | | | | |
| Dc | | | | | | | | | | |
| Ei | | | | | | | | | | |
| Cc | | | | | | | | | | |
| Cm | | | | | | | | | | |

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

»»

Nancite

Criteria for selection of this index beach/site:

#[Beach]

#[Beach]

#[Beach]

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

»» 10.804811

Geographic Location: Longitude

Specify longitude in decimal degrees

»» 85.669346

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
>>> Luis Fonseca

Extension of beach monitored (km)
Provide the total length (in kilometers) of the nesting beach.
>>> 1

Annual Nesting

Annual Nesting instructions
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 nesting season started | Month and day the nesting season started | Year the nesting season ended | Month and day the nesting season ended | Start of monitoring period | End of monitoring period | Survey frequency | Season females exact count | Season clutches exact count | Season number of nests |
|----|---------------------------------|--|-------------------------------|--|----------------------------|--------------------------|------------------|----------------------------|-----------------------------|------------------------|
| Lo | 2023 | July, 01 | 2024 | June, 30 | July 1, 2023 | February 29, 2024 | daily | 12862 | 29582 | |
| Lk | | | | | | | | | | |
| Dc | | | | | | | | | | |
| Ei | | | | | | | | | | |
| Cc | | | | | | | | | | |
| Cm | 2023 | July, 01 | 2024 | June, 30 | July 1, 2023 | February 29, 2024 | daily | 7 | 14 | |

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

Criteria for selection of this index beach/site:

#[Beach]

#[Beach]

#[Beach]

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

>>> 10.779040

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 85.666107

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

»» Luis Fonseca

Extension of beach monitored (km)

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

»» 4

Annual Nesting

Annual Nesting instructions

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 nesting season started | Month and day the nesting season started | Year the nesting season ended | Month and day the nesting season ended | Start monitoring period | End of monitoring period | Survey frequency | Season females exact count | Season clutches exact count | Season number of nests |
|----|---------------------------------|--|-------------------------------|--|-------------------------|--------------------------|------------------|----------------------------|-----------------------------|------------------------|
| Lo | 2023 | Jul, 01 | 2024 | Jun, 30 | November 1, 2023 | February 29, 2024 | daily | 89 | 205 | |
| Lk | | | | | | | | | | |
| Dc | 2023 | Jul, 01 | 2024 | Feb, 29 | November 1, 2023 | February 29, 2024 | daily | 2 | 5 | |
| Ei | | | | | | | | | | |
| Cc | | | | | | | | | | |
| Cm | 2023 | Nov, 01 | 2024 | Jun, 30 | November 1, 2023 | February 29, 2024 | daily | | 31 | |

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

»»

Cabuyal

Criteria for selection of this index beach/site:

#[Beach]

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

>>> 10.6738815

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 85.654219

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

»» María del Pilar Santidrian, The Leatherback Trust

Extension of beach monitored (km)

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

»» 1.4

Annual Nesting

Annual Nesting instructions

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 nesting season started | Month and day the nesting season started | Year the nesting season ended | Month and day the nesting season ended | Start of monitoring period | End of monitoring period | Survey frequency | Season females exact count | Season clutches exact count | Season number of nests |
|----|---------------------------------|--|-------------------------------|--|----------------------------|--------------------------|------------------|----------------------------|-----------------------------|------------------------|
| Lo | | | | | | | | | | |
| Lk | | | | | | | | | | |
| Dc | | | | | | | | | | |
| Ei | | | | | | | | | | |
| Cc | | | | | | | | | | |
| Cm | 2023 | October 1st | 2024 | March 31st | October 2, 2024 | March 31, 2024 | daily | 75 | 308 | 406 |

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

»»

Criteria for selection of this index beach/site:

#[Beach]

#[Beach]

#[Beach]

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

>>> 10.3942333

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 85.8359831

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

>>> Rotney Piedra (SINAC); Elizabeth Vélez (Kuemar)

Extension of beach monitored (km)

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

>>> 2.5

Annual Nesting

Annual Nesting instructions

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 nesting season started | Month and day the nesting season started | Year the nesting season ended | Month and day the nesting season ended | Start of monitoring period | End of monitoring period | Survey frequency | Season females exact count | Season clutches exact count | Season number of nests |
|----|---------------------------------|--|-------------------------------|--|----------------------------|--------------------------|------------------|----------------------------|-----------------------------|------------------------|
| Lo | 2023 | August 1st | 2024 | Apr 30 | July 18, 2023 | May 4, 2024 | daily | | 32 | 32 |
| Lk | | | | | | | | | | |
| Dc | 2023 | August 1st | 2024 | March 31st | July 18, 2023 | May 4, 2024 | daily | 1 | 1 | 1 |
| Ei | | | | | | | | | | |
| Cc | | | | | | | | | | |
| Cm | 2023 | August 1st | 2024 | Apr 30 | July 18, 2023 | May 4, 2024 | daily | 457 | 1320 | 1320 |

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

>>>

Criteria for selection of this index beach/site:

#[Beach]

#[Beach]

#[Beach]

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 instructions

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 nesting season started | Month and day the nesting season started | Year the nesting season ended | Month and day the nesting season ended | Start of monitoring period | End of monitoring period | Survey frequency | Season females exact count | Season clutches exact count | Season number of nests |
|----|---------------------------------|--|-------------------------------|--|----------------------------|--------------------------|------------------|----------------------------|-----------------------------|------------------------|
| Lo | | | | | | | | | | |
| Lk | | | | | | | | | | |
| Dc | | | | | | | | | | |
| Ei | | | | | | | | | | |
| Cc | | | | | | | | | | |
| Cm | | | | | | | | | | |

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

Playa Grande

Criteria for selection of this index beach/site:

#[Beach]

#[Beach]

#[Beach]

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

>>> 10.334675

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 85.847822

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
>>> María del Pilar Santidrian, The Leatherback Trust

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.
>>> 3.6

Annual Nesting

Annual Nesting instructions

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 nesting season started | Month and day the nesting season started | Year the nesting season ended | Month and day the nesting season ended | Start of monitoring period | End of monitoring period | Survey frequency | Season females exact count | Season clutches exact count | Season number of nests |
|----|---------------------------------|--|-------------------------------|--|----------------------------|--------------------------|------------------|----------------------------|-----------------------------|------------------------|
| Lo | 2023 | October 01st | 2024 | March 31st | October 10, 2024 | March 30, 2024 | daily | 3 | 4 | 6 |
| Lk | | | | | | | | | | |
| Dc | | | | | | | | | | |
| Ei | | | | | | | | | | |
| Cc | | | | | | | | | | |
| Cm | | | | | | | | | | |

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

Ostional

Criteria for selection of this index beach/site:

#[Beach]

#[Beach]

#[Beach]

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

>>> 9.993913

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 85.700403

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
>>> Luis Fonseca

Extension of beach monitored (km)
Provide the total length (in kilometers) of the nesting beach.
>>> 7

Annual Nesting

Annual Nesting instructions

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 nesting season started | Month and day the nesting season started | Year the nesting season ended | Month and day the nesting season ended | Start of monitoring period | End of monitoring period | Survey frequency | Season females exact count | Season clutches exact count | Season number of nests |
|----|---------------------------------|--|-------------------------------|--|----------------------------|--------------------------|------------------------|----------------------------|-----------------------------|------------------------|
| Lo | 2023 | January 01 st | 2023 | December 31 st | January 1, 2024 | October 1, 2024 | monthly during arrival | 229795 | 507847 | 507847 |
| Lk | | | | | | | | | | |
| Dc | 2023 | October 1 st | 2024 | March 31 st | October 1, 2023 | March 31, 2024 | Other | 1 | 2 | 2 |
| Ei | | | | | | | | | | |
| | | | | | | | | | | |
| Cm | | | | | | | | | | |

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

Hermosa

Criteria for selection of this index beach/site:

#[Beach]

#[Beach]

#[Beach]

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 instructions

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 nesting season started | Month and day the nesting season started | Year the nesting season ended | Month and day the nesting season ended | Start of monitoring period | End of monitoring period | Survey frequency | Season females exact count | Season clutches exact count | Season number of nests |
|----|---------------------------------|--|-------------------------------|--|----------------------------|--------------------------|------------------|----------------------------|-----------------------------|------------------------|
| Lo | | | | | | | | | | |
| Lk | | | | | | | | | | |
| Dc | | | | | | | | | | |
| Ei | | | | | | | | | | |
| Cc | | | | | | | | | | |
| Cm | | | | | | | | | | |

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

>>>

Tortuquero

Criteria for selection of this index beach/site:

#[Beach]

#[Beach]

#[Beach]

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

>>> 10.586675

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 83.522247

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.

>>> Green turtle tissue samples.

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> Ana Moncada, Sea Turtle Conservancy

Extension of beach monitored (km)

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

>>> 29.6

Annual Nesting

Annual Nesting instructions

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 nesting season started | Month and day the nesting season started | Year the nesting season ended | Month and day the nesting season ended | Start of monitoring period | End of monitoring period | Survey frequency | Season females exact count | Season clutches exact count | Season number of nests |
|----|---------------------------------|--|-------------------------------|--|----------------------------|--------------------------|------------------|----------------------------|-----------------------------|------------------------|
| Lo | | | | | | | | | | |
| Lk | | | | | | | | | | |
| Dc | 2023 | January 1st | 2023 | July 1st | Abril 1, 2023 | June 30, 2023 | Other | 3 | 98 | 98 |
| Ei | 2023 | June 1st ^t | 2023 | October 31st | Abril 1, 2023 | December 30, 2023 | Other | 6 | 20 | 20 |
| Cc | | | | | | | | | | |
| Cm | 2023 | June 1st | 2023 | December 31st | January 1, 2023 | November 1, 2023 | Daily | 1229 | 56336 | 56336 |

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

>>>

Pacuare Norte

Criteria for selection of this index beach/site:

#[Beach]

#[Beach]

#[Beach]

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

>>> 10.244813

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 10.244813

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
>>> Didier Chacón, LAST

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach.
>>> 7.1

Annual Nesting

Annual Nesting instructions

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 nesting season started | Month and day the nesting season started | Year the nesting season ended | Month and day the nesting season ended | Start of monitoring period | End of monitoring period | Survey frequency | Season females exact count | Season clutches exact count | Season number of nests |
|----|---------------------------------|--|-------------------------------|--|----------------------------|--------------------------|------------------|----------------------------|-----------------------------|------------------------|
| Lo | | | | | | | | | | |
| Lk | | | | | | | | | | |
| Dc | 2023 | March 1st | 2023 | September 30st | March 1, 2023 | November 30, 2023 | daily | 132 | 181 | 181 |
| Ei | 2023 | March 1st | 2023 | September 30st | March 1, 2023 | November 30, 2023, | daily | | 8 | 8 |
| Cc | 2023 | March 1st | 2023 | September 30st | March 1, 2023 | November 30, 2023 | daily | | 1 | 1 |
| Cm | 2023 | March 1st | 2023 | September 30st | March 1, 2023 | November 30, 2023 | daily | | 92 | 92 |

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

>>>

Mondonguillo

Criteria for selection of this index beach/site:

#[Beach]

#[Beach]

[Beach]

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

>>> 10.178801

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 83.242027

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

>>> Stanley Rodríguez Méndez, Asociación Estación las Tortugas marinas del Caribe

Extension of beach monitored (km)

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

>>> 3

Annual Nesting

Annual Nesting instructions

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 nesting season started | Month and day the nesting season started | Year the nesting season ended | Month and day the nesting season ended | Start of monitoring period | End of monitoring period | Survey frequency | Season females exact count | Season clutches exact count | Season number of nests |
|----|---------------------------------|--|-------------------------------|--|----------------------------|--------------------------|------------------|----------------------------|-----------------------------|------------------------|
| Lo | | | | | | | | | | |
| Lk | | | | | | | | | | |
| Dc | | | | | | | | | | |
| Ei | | | | | | | | | | |
| Cc | | | | | | | | | | |
| Cm | | | | | | | | | | |

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

>>>

Cahuita

Criteria for selection of this index beach/site:

#[Beach]

#[Beach]

[Beach

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

>>> 9.6998073

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> 82.8039809

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

>>> Didier Chacón, LAST

Extension of beach monitored (km)

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

»» 6

Annual Nesting

Annual Nesting instructions

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 nesting season started | Month and day the nesting season started | Year the nesting season ended | Month and day the nesting season ended | Start of monitoring period | End of monitoring period | Survey frequency | Season females exact count | Season clutches exact count | Season number of nests |
|----|---------------------------------|--|-------------------------------|--|----------------------------|--------------------------|------------------|----------------------------|-----------------------------|------------------------|
| Lo | | | | | | | | | | |
| Lk | | | | | | | | | | |
| Dc | 2023 | March 1st | 2023 | September 30st | August 17, 2023 | November 17, 2023 | daily | | 3 | 3 |
| Ei | 2023 | March 1st | 2023 | September 30st | August 17, 2023 | November 17, 2023 | daily | | 74 | |
| Cc | | | | | | | | | | |
| Cm | 2023 | March 1st | 2023 | September 30st | August 17, 2023 | November 17, 2023 | daily | | 9 | 9 |

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 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)
- l. 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.

**Costa Rica
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 name | Scientific name | Shallow sets | Deep 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 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)

O-other and specify.

| | Total Fleet | Observed | % 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 Unknown | Released Dead | Released 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 ≥ 100 m 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 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 Fleet | Observed | % 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:**

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

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

>>>

Pacific

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 name | Scientific name | Shallow sets | Deep sets |
|--|-------------------------|--------------------------|-------------------------------------|-------------------------------------|
| | Dorado | Coryphaena hippurus | <input checked="" type="checkbox"/> | |
| | Pez espada | Xiphias gladius | | <input checked="" type="checkbox"/> |
| | Antun de Aleta amarilla | Thunnus albacares | <input checked="" type="checkbox"/> | |
| | Tiburón sedoso | Carcharhinus falciformis | <input checked="" type="checkbox"/> | |
| | Tiburón zorro pélagico | Alopias pelagicus | <input checked="" type="checkbox"/> | |
| | Marlin rosado | Kajikia audax | <input checked="" type="checkbox"/> | |
| | Marlin blanco | Makaira nigricans | <input checked="" type="checkbox"/> | |
| | Tiburón azul | Prionace glauca | <input checked="" type="checkbox"/> | |

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 sets |
|----------------|-------------------------|
| Area Fished | Exclusive Economic Zone |
| Period Covered | 01/01/2023-12/31/2023 |

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 Fleet | Observed | % Observed |
|-------------------------------|------------------------------------|----------|------------|
| No. of trips | 38 | | |
| No. of vessels that fished | 9 | | |
| Predominant bait type | SQ, M, O: sardina | | |
| Predominant hook type/size | C 13, 14, 15 | | |
| No. of hooks (in thousands) | The information is being processed | | |
| Number of sets | 196 | | |
| No. of effective fishing days | The information is being processed | | |

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

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

>>> According to the Fishing Operations Books where captains record fishing activities, including interactions with turtles, no interactions were recorded.

3. Deep Sets (≥ 15 HPB/HBF or ≥ 100 m 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 Sets |
| Period Covered | 01/01/2023-12/31/2023 |
| Area Fished | Exclusive Economic Zone |

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 Fleet | O b s e r v e d | % Observed |
|----------------------------------|------------------------------------|--------------------------------------|---------------|
| Predominant bait type | SQ, M | | |
| Predominant hook type/size | C17.0 | | |
| Number of effective fishing days | the information is being processed | | |
| Number of trips | 34 | | |
| Number of sets | 23 | | |
| Number of vessels that fished | 9 | | |
| Number of hooks (in thousands) | the information is being processed | | |

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 Alive | Released Dead | Released Unknown | Condition |
|------------------------|----------------|---------------|------------------|-----------|
| Chelonia mydas | | | | |
| Lepidochelys olivacea | | | | |
| Lepidochelys kempii | | | | |
| Dermochelys coriacea | | | | |
| Eretmochelys imbricata | | | | |

| | | | |
|-----------------|--|--|--|
| Caretta caretta | | | |
|-----------------|--|--|--|

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

»» According to the fishing operations books, no interactions with sea turtles were recorded.

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. 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 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)

l. 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.

Longline Fisheries Costa Rica 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 name | Scientific name | Shallow sets | Deep sets |
|--|------------------------|--------------------------|--------------|-----------|
| | Dorado | Coryphaena hippurus | X | |
| | Atún aleta amarilla | Thunnus albacares | X | |
| | Tiburón sedoso | Carcharhinus falciformis | X | |
| | Marlin aguja Azul | Makaira nigricans | X | |
| | Pez vela del Atlántico | Istiophorus albicans | X | |
| | Espada | Xiphias gladius | X | |
| | wahoo | Acanthocybium solandri | x | |
| | | | | |

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 sets |
|----------------|-----------------------|
| Area Fished | ZEE Caribe |
| Period Covered | 01/01/2023-12/31/2023 |

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. plasticjig)

O-other and specify.

| | Total Fleet | Observed | % Observed |
|----------------------------------|---------------|----------|------------|
| Predominant hook type/size | Circular 14.0 | | |
| No. of vessels that fished | 7 | | |
| Predominant bait type | O: sardine | | |
| No. of hooks (in thousands) | 5000 | | |
| Number of sets | 4175 | | |
| Number of effective fishing days | 393 | | |
| Number of trips | 67 | | |

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 Alive | Released Dead | Released Unknown | Condition |
|------------------------|----------------|---------------|------------------|-----------|
| 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 ≥ 100 m 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 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. plastijig)

O-other and specify.

| | Total Fleet | Observed | % 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 Alive | Released Dead | Released Unknown | Condition |
|-----------------------|----------------|---------------|------------------|-----------|
| Lepidochelys olivacea | | | | |
| Caretta caretta | | | | |

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

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

>>>

Pacific

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 name | Scientific name | Shallow sets | Deep sets |
|--|------------------------|--------------------------|--------------|-----------|
| | Dorado | Coryphaena hippurus | X | |
| | Atun Aleta amarilla | Thunnus albacares | X | |
| | Tiburón sedoso | Carcharhinus falciformis | | X |
| | Marlin aguja Azul | Makaira nigricans | X | |
| | Pez vela del Atlántico | Istiophorus albicans | X | X |
| | Espada | Xiphias gladius | X | |
| | wahoo | Acanthocybium solandri | X | |
| | | | | |

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 sets |
|----------------|-----------------------|
| Area Fished | ZEE Costa Rica |
| Period Covered | 01/01/2023-12/31/2023 |

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 Fleet | Observed | % Observed |
|----------------------------|-------------------|----------|------------|
| Predominant hook type/size | Circular 13/14/15 | | |
| No. of vessels that fished | 258 | | |
| Predominant bait type | SQ, M, O: sardina | | |

| | | | |
|----------------------------------|------------------------------------|--|--|
| No. of hooks (in thousands) | The information is being processed | | |
| Number of sets | 13951 | | |
| Number of effective fishing days | The information is being processed | | |
| Number of trips | 3411 | | |

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

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

>>> A total of 2,769 interactions with sea turtles were recorded in the fishing operations logs, of which 57 were released dead and 2,712 were released alive. Captains did not record the releases at the species level, but rather as "turtles."

3. Deep Sets (≥ 15 HPB/HBF or ≥ 100 m 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 Sets |
|----------------|-----------------------|
| Period Covered | 01/01/2023-12/31/2023 |
| Area Fished | ZEE |

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 Fleet | Observed | % Observed |
|----------------------------------|------------------------------------|----------|------------|
| Number of hooks (in thousands) | The information is being processed | | |
| Number of effective fishing days | The information is being processed | | |
| Number of trips | 1690 | | |
| Predominant bite type | AQ, M | | |
| Number of vessels that fished | 231 | | |
| Predominant hook type/size | C 17.0 | | |
| Number of sets | 1353 | | |

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

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

>>>In the fishing operation books, there was no distinction between shallow or deep casts, therefore, the information is the same for shallow casts: a total of 2,769 interactions with sea turtles, of which 57 were released dead and 2,712 were released alive. The captains did not record the releases at the species level, but as "turtle"

Information to follow up the implementation of the Resolution Reduction of the Adverse Impacts of Fisheries on Sea Turtles CIT-COP10-2022-R7 and Resolution Conservation of East Pacific Leatherback CIT-COP10-2022-R6

Instructions:

Dear Delegate: please fill out the information regarding your country, in the following format.

This format contains 5 sections that will need to be completed: 1) Fisheries Characteristics 2) Sea Turtle Bycatch 3) Reduction of the Bycatch impacts on sea turtles 4) Strandings 5) Participation of your country in RFMOs and other international organizations and entities.

1) FISHERIES CHARACTERISTICS

Fishery is defined as a fishing activity that takes place in a specific area, using a specific fishing gear, targeting certain species, and interacting with one or more species of sea turtles in different life stages, like pelagic longline targeting tuna, shrimp trawlers, semiartisanal pelagic longlines for Mahi mahi, etc.

The following information is requested to evaluate the implementation of Resolution Reduction of the Adverse Impacts of Fisheries on Sea Turtles CIT-COP10-2022-R7.

If this Resolution does not apply to your country, you do not need to fill out the section.

1.1 Please write in each row of the Question 1.1, the fisheries with the most known or expected adverse impacts on sea turtles in your country. Include those fisheries with the greatest numbers of interactions and/or interactions with critically endangered species and please **indicate with (x)** which species of sea turtle(s) interact(s) with those fisheries. **Examples of fisheries:** pelagic longline for tunnids, shrimp trawlers, bottom gillnet targeting "seabass", among others. Add more rows to the table as needed. Cc=Caretta caretta; Cm=Chelonia mydas; Dc= Dermochelys coriacea; Ei= Eretmochelys imbricata; Lk= Lepidochelys kempii and Lepidochelys olivacea

| | FISHERY | Cc | Cm | Dc | Ei | L k | Lo |
|--|------------------|----|----|----|----|-----|----|
| | Surface longline | x | x | x | x | | x |
| | Gillnet | | x | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

1.2 For each fishery mentioned in Question 1.1, provide the following information

| | FISHERY | Average length boat size (m) | Target species | General fishing area (coastal up to 12 miles and oceanic more than 12 miles) | Estimated total number of vessels that operated in the last year: (10, 11-100, 101-1,000, 1,001-10,000, >10,000, unquantified) | Average effective fishing days/vessel in the last year: (10, 11-30, 31-60, 61-90, 91-180, >180, every day, unquantified) |
|--|------------------|------------------------------|--|--|--|--|
| | Surface longline | 13 | Atún aleta amarilla, dorado, tiburón, pez espada | both | 258 | unestimated |
| | Gillnet | 5 | Corvinas, róbalos, camaron | coastal | About 1000 | unestimated |
| | | | | | | |
| | | | | | | |
| | | | | | | |

2) SEA TURTLE BYCATCH

The following information is requested to evaluate the implementation of Resolution Reduction of the Adverse Impacts of Fisheries on Sea Turtles CIT-COP10-2022-R7.

If this Resolution does not apply to your country, you do not need to fill out the section.

Using the data of fisheries with the greatest impact on sea turtles defined by your country in **section 1 (Question 1.1)**, please indicate approximately how many sea turtles have been caught as bycatch in each fishery? Please select the most appropriate abundance value (zero, 1-10, 11-20, 21-50, 51-100, 101-1,000, 1,001-10,000, >10,000, or unquantified). **If a species does not interact with a fishery, write N/A (Not applicable).**

If the requested information is not available in the country, indicate in the fields of the tables “ND” or “no data”.

| | FISHERY | Cc | Cm | Dc | Ei | Lk | Lo |
|--|------------------|----|----|----|----|----|----|
| | Surface longline | ND | ND | ND | ND | | ND |
| | Gillnet | | ND | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

2.1 Please indicate the source(s) of bycatch data and the percentage of fishing effort monitored to obtain those results: (0, <10%, 11-25%, 26-50%, > 50%, 100%, unquantified). If a monitoring method is not used for a given fishery, leave the field in blank.

If the requested information is not available in the country, indicate in the fields of the tables “ND” or “no data”.

| | FISHERY | On-board observers | Port-based observers/interviews | Electronic monitoring | Fishermen logbooks | Radio comms | Other |
|--|------------------|--------------------|---------------------------------|-----------------------|--------------------|-------------|-------|
| | Surface longline | ND | ND | ND | ND | | |
| | Gillnet | ND | ND | ND | ND | ND | ND |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

3) REDUCTION OF THE BYCATCH IMPACT ON SEA TURTLES

3.1 Mention which of the following bycatch mitigation measures are implemented in your country, in the fisheries in section 1 (Question 1.1) and in what percentage of the fleet's activities (0, <10%, 11-25%, 26- 50%, >50%, 100%, unquantified)? If a measure it is not implemented in your country, write “N/I” and include a brief description of the reason(s) why on the corresponding box. If the measure does not apply in your country, write “N/A” and a brief description of why the measure does not apply in its respective column, for example this measure and / or fishery does not exist.

| | Fishery to which the measure applies | % of fleet for the fishery (use ranges above) | This measure is not implemented (N/I) | This measure does not apply (N/A) |
|---------------------------------|--------------------------------------|---|---------------------------------------|-----------------------------------|
| Circle hooks | Pelagic longline fishing | 100 | | |
| Fish bait | | | | |
| Net illumination | | | | |
| Reduced soak times | | | | |
| TEDs (Turtle Excluders Devices) | Shrimp trawling | | | |
| Others | | | | |

3.1.1 If circle hooks are used in your country, please specify the hook size and/ or size range (<14, 14-18, >18), and the fishery in which it is used in the box below.

»»Surface longline, size 17.0

3.2 In your country, is there research to identify any of the following techniques and/or measures to reduce post-capture mortality of sea turtles? Select all that apply.

- ☐ CIRCLE HOOKS
☐ FISH BAIT
☐ NET ILLUMINATION
☐ REDUCED SOAK TIMES
☐ SPATIAL/TEMPORAL MANAGEMENT
☐ TEDS
☐ Other

»»

3.3 Which of the following best practices and measures for safe handling and release for sea turtles are implemented in your country (in the fisheries identified in section 1 question 1.1), and in what percentage of the fleet's activities (0, <10%, 11-25%, 26-50%, > 50%, 100%, unquantified)? If the practice is not implemented in your country, write **(N/I)** on the column "This practice is Not Implemented", and include a brief description of the reason on the space provided. If the practice is Not Applicable in your country, write **(N/A)** on that column and a brief description of the reason, for example: the measure or practice/ or fishery does not exist in your country.

| | Fishery to which this measure applies | % of the fishing fleet (use ranges above) | This measure is not implemented (N/I) | This measure does not apply (N/A) |
|---|---------------------------------------|---|---------------------------------------|-----------------------------------|
| Dehooking | Surface longline | 100 | | |
| First aid to injured sea turtles | Surface longline | 100 | | |
| Disentanglement | Small scale artisanal | 85 | | N/A |
| Installation and maintenance of TEDs | | | | N/A |
| Communication program with the fishing fleet to promote best practices | Surface longline | | | |
| Projects to promote exchange between fishermen at national level to share experiences on reduction and mitigation of EP leatherback bycatch | | | N/I | |
| Projects to promote exchange between fishermen at regional level to share experiences on reduction and mitigation of EP leatherback bycatch | | | N/I | |
| On-board equipment and educational material for best practices for safe handling and release of sea turtles | Surface longline | 100 | | |
| Other | | | | |

3.4 In your country, who is receiving training on the following best practices and how many individuals received the training **this year**? (? zero, 1-10, 11-20, 21-50, 51-100, 101-1,000, >1,000, or unquantified)?

If the requested information is not available in the country, indicate in the fields of the tables

“ND” or “no data”.

| | Received training (YES or NO) | Number of trainings or workshops made | Number of people who received training (use ranges above) |
|--|-------------------------------|---------------------------------------|---|
| Onboard observers | N/A | | |
| Collector of fishing information in ports | ND | | |
| Fishermen or fishing crew | Yes | 5 | >500 |
| Park rangers | | 5 | 10 |
| Environmental police/Conservation Officers | | | |
| Other | | | |

4. STRANDINGS

4.1 In your country, is there a systematic registration for standings? A systematic registration refers to the collection of annual information for standings through a governmental agency or another organization authorized by the government.

Please select only one option

- ☐ YES
☒ NO

4.2 Indicate which methods are used to collect strandings information in your country, and how frequently each is used (continuously, sporadically, on demand, never)

| | YES/NO | How frequently it is being used (continuously, sporadically, on demand, never) |
|--|--------|--|
| Continuous and systematic monitoring within the framework of governmental programs (e.g. beach census) | | |
| Systematic monitoring within the framework of specific research projects (e.g. particular projects lead by the scientific sector and the NGOs) | | |
| Opportunistic monitoring (e.g. Isolated/fortuitous reports) | | |
| Other – please indicate below | | |

4.3 If you have the available information, approximately, how many sea turtles were stranded on the beach in your country last year? Please select the abundance value that is the best fit for your country (zero, 1-10, 11-20, 21-50, 51-100, 101-1000, 1001-10 000, >10 000 o UNQUANTIFIED).

If the requested information is not available in the country, indicate in the fields of the tables “ND” or “no data”.

| | Number of stranded turtles (use range above) | Is the number of stranding the product of a systematic monitoring (Yes/NO) | Presence of the turtle species in your country (YES/NO) |
|----|--|--|---|
| Cc | | | |
| Cm | | | |

| | | | |
|----|--|--|--|
| Dc | | | |
| Ei | | | |
| Lk | | | |
| Lo | | | |

5. PARTICIPATION OF YOUR COUNTRY IN RFMOs AND OTHER INTERNATIONAL ORGANIZATIONS AND ENTITIES

Please indicate whether your country has supported the IAC Secretariat in the implementation of the Memoranda of Understanding (MoU) between the IAC and any Regional Fisheries Management Organizations (RFMOs) and/or other entities relevant to the Convention in the year corresponding to this report. Please check all that apply. For support we understand: technical collaboration and exchange of expertise between your national experts and those of the other organization, participation in joint working groups, drafting documents, presentations at technical meetings, organization of side events, support to lobby for resolutions in line with the objective of the MoU, helping to make connections between IAC Secretariat and delegations of IAC non-member countries to increase IAC membership, among others.

- ☒ IATTC
- ☐ ICCAT
- ☐ RAMSAR
- ☐ ACAP
- ☐ CPPS
- ☐ SPAW
- ☒ OSPESCA
- ☐ SSC
- ☐ Other

Provide a brief description of activity that your country supported the Implementation of MoU in the year of this report

>>>

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 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>