

INTER-AMERICAN SEA TURTLE CONVENTION

MEXICO

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

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Part I - General Information

Country

Name of the country reporting >>> MEXICO

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 You have attached the following documents to this response. http://seaturtlereport.org/answers/21378/documents/920 - Official submission note of the report

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1.2 Institution >>> Secretaría de Relaciones Exteriores

1.3 Submission Date >>> 17/05/2024

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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 response.

http://seaturtlereport.org/answers/20096/documents/864 - this document updates the previously uploaded one. Everything else, no changes.

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

☑ 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

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

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
 Protected natural area, with the category of sanctuary, the Playa Lechuguillas site, located in the municipalities of Vega de Alatorre and Alto Lucero de Gutiérrez Barrios, state of Veracruz de Ignacio de la Llave, and covering the surface of 147-14-33.49 hectares. DECREE declaring the Playa Platanitos site, located in the municipality of Compostela, state of Nayarit, and covering the surface of 79-81-31.85 hectares, as a protected natural area, with the category of sanctuary. DECREE declaring the Barra de la Cruz- Playa Grande site, located in the municipality of San Pedro Huamelula, state of Oaxaca, and covering the surface of 56-19-13.67 hectares, as a protected natural area, with the category of sanctuary. 	primary zoning for the nesting beaches referred to, as a protected natural area with the category of Sanctuary.	Sanctions must be applied in accordance with the provisions of the General Law on Ecological Balance and Environmental Protection and its Regulations on protected natural areas, as well as the General Law on Wildlife and its Regulations.
 4 DECREE declaring the Playa Chenkan site, located in the municipality of Champotón, state of Campeche, and covering an area of 39-55- 59.96 hectares, as a protected natural area with the category of sanctuary. 5 DECREE declaring the Playa Cahuitán site, located in the municipalities of Santiago Tapextla, Santo Domingo Armenta and Santiago Pinotepa Nacional, state of Oaxaca, and covering an area of 261-07-65.30 hectares, as a protected natural area with the category of sanctuary. 6 DECREE declaring the Playa Morro Ayuta site, located in the municipalities of San Pedro Huamelula and Santiago Astata, state of Oaxaca, and covering an area of 90-69-28.79 hectares, as a protected natural area with the category of sanctuary. 	primary zoning for the nesting beaches referred to, as a protected natural area with the category of Sanctuary.	
 7 DECREE declaring the Playa El Verde Camacho site, located in the municipalities of Mazatlán and San Ignacio, state of Sinaloa, and covering an area of 128-48-02.40 hectares, as a protected natural area with the category of sanctuary. 8 DECREE declaring the Playas del Totonacapan site, located in the municipalities of Cazones de Herrera, Papantla and Tecolutla, state of Veracruz de Ignacio de la Llave, and covering an area of 81-90- 04.67 hectares, as a protected natural area with the category of sanctuary. 	zoning for the nesting beaches referred to, as a protected natural area with the category of Sanctuary	Sanctions must be applied in accordance with the provisions of the General Law on Ecological Balance and Environmental Protection and its Regulations on protected natural areas, as well as the General Law on Wildlife and its Regulations

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

<<<<< DECRETOs_8_santuarios_.rar

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.)

>>> Every year, CONANP carries out conservation and monitoring actions on 70 nesting beaches on both coasts of the country, most of them within protected natural areas. On these beaches, the inhabitants of the communities surrounding the beaches are involved in protecting the females from looters and predators and relocating nests to safe sites to produce offspring of the six species of sea turtles that nest in Mexico.

Likewise, subsidy funds are used to communities to carry out actions to protect nests, monitor females and hatching success, manage solid waste, record temperatures, rehabilitate incubation rooms, restore aquatic habitats, clean up nesting beaches and bodies of water, as well as the operation of community monitoring and surveillance committees. This benefited 326 women, of which 105 are indigenous women and 15 Afro-Mexicans and 262 men, of which 72 are indigenous and 33 Afro-Mexicans, making a grand total of 588 people benefited in 6 CONANP Regions that cover 30 Protected Natural Areas in 12 states, 28 municipalities and 36 localities.

Permanent Operation for the Protection of Sea Turtles For the protection of the olive ridley turtle (Lepidochelys olivacea) within the framework of the permanent surveillance operation applied on the beaches of La Escobilla and Morro Ayuta, in Oaxaca, in coordination with PROFEPA,

SEMAR and CONANP, from January to December 2023 a total of 772 surveillance tours were carried out through which a total of nine arribadas were protected. As part of the permanent actions to protect sea turtles nationwide, from January to December 2023, 23 inspections, 30 surveillance tours and 21 operations were implemented with the aim of preventing the illegal trade of sea turtle products and by-products, as well as protecting their nesting and feeding areas.

You have attached the following Web links/URLs to this answer. <u>http://seaturtlereport.org/answers/20312/documents/870</u>

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)

››› Trinidad & Tobago ⊠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)

››› Trinidad & Tobago ⊠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

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. >>> Mexico is not preparing an exception to present to the CIT

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		\boxtimes	
Lepidochelys kempii	\boxtimes		\boxtimes
Dermochelys coriacea	\boxtimes	\boxtimes	\boxtimes
Eretmochelys imbricata	\boxtimes	\boxtimes	\boxtimes
Caretta caretta	\boxtimes	\boxtimes	\boxtimes
Chelonia mydas	\boxtimes	\boxtimes	\boxtimes

Additional Notes

Include other information, if required >>> In Mexico, the Gulf of Mexico (not on the list) and the Caribbean Sea are considered part of the Western Atlantic.

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

 \square 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

 \Box Not applicable. There are no nesting beaches in the country

If the answer is "Yes", please described (500 words maximum) >>> Things are the same as they were drafted last year, the conditions of protection have not changed.

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 XYes

 \Box Not applicable. There are no nesting beaches in the country

If the answer is "Yes," please describe the strategies used (500 words maximum >>> The practice of shading the broods in the incubation pens to avoid the impact of extreme heat (sometimes above 33°C) continues, as well as with the recording of temperatures.

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

 $\Box \operatorname{\mathsf{Not}}$ applicable. There are no nesting beaches in the country

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

>>> In early 2024, the two priority beaches that did not have a declaration of any protected natural area (NPA) category were declared Sanctuaries. These beaches are: Santuario Playa Cahuitán, and Santuario Barra de la Cruz - Playa Grande. The other two beaches considered priority, due to the number of nesting sites that occur there, had a decree since 1986, which was modified, assigning them a polygon, with a larger area and zoning, on December 24, 2022. Currently, all the management programs for each of the Sanctuaries are being developed. It should be noted that the Sanctuary category is the most restrictive in terms of subzoning and actions to be carried out, according to current legislation. And a management program is the governing instrument, which dictates the rules to be followed within the ANP. The decrees have already been attached in another section.

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

»» All nesting beaches have been known since 1996. Not all of them have groups protecting nests, but most do. Some are protected by groups led by the federal government, others by civil society organizations, and others by groups of people from the communities adjacent to the nesting beaches. Not all of them have the leatherback, but rather the olive ridley or the black-headed grebe, but if they find a leatherback, they protect it as well and usually take special care to ensure that it hatches. And since there is no space below to explain, we tell you that it is not a good idea to include all the beaches in the index beach list because we think it could be chaotic both for capturing the information and for entering said beaches, but we have attached a file with said information in the nesting section.

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 "NO", ask the Secretariat to include the new beaches in Part V of the CIT Annual Report. Even if these beaches are not considered index beaches, it is essential to obtain this information

7. Has your country identified or is it planning to implement economic alternatives in local communities in areas adjacent to nesting beaches, with the goal of reducing the pressure on the East Pacific leatherback? *Please select only one option*

⊠Yes

□No

 $\Box \operatorname{Not}$ applicable. There are no nesting beaches in the country

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

>>> CONANP has funds through subsidies such as the Program for the Protection and Restoration of Priority Ecosystems and Species (PROREST) and the Conservation Program for Sustainable Development (PROCODES), which benefit people in communities adjacent to nesting beaches that are ANP, to carry out direct or indirect conservation actions, such as collecting eggs to relocate them to safer sites and monitoring them until they hatch, and even cleaning beaches, for example.

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

»» 8

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

 \Box No applicable. There are no nesting beaches in the country

 \boxtimes Nest/tracks count morning monitoring

⊠Nest/tracks count night monitoring

 \boxtimes Nest/racks and nesting females count morning monitoring

⊠Nest/tracks and nesting females count night monitoring

 \Box Aerial census of tracks (indicate the frequency in the box below)

>>>

 \Box 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).

>>> Mexico's Pacific coast is very long, over 7,800 km, with many sandy beaches where leatherback nesting may or may not occur, to a greater or lesser degree. 45% of nesting (on average) occurs in the eastern parts of Michoacán, Guerrero, and Oaxaca. An additional 35% occurs concentrated on 5-8 Pacific beaches. The remaining 20% occurs as isolated nesting on the rest of the coastal beaches. Many beaches have sea turtle protection programs, however, following annual budgets, the programs usually close in December, when the leatherback nesting season is beginning to increase, and start again in June, when the leatherback season has concluded. This situation was more noticeable in the past. With the actions to disseminate information about the situation of the leatherback in Mexico, many of the projects on beaches not in priority order 1 for leatherback extend their work period until March-April, managing to protect more nests and release their neonates.

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)

>>> Mexico's Pacific coast is very long, over 7,800 km, with many sandy beaches where leatherback nesting may or may not occur, to a greater or lesser degree. 45% of nesting (on average) occurs in the eastern parts of Michoacán, Guerrero, and Oaxaca. An additional 35% occurs concentrated on 5-8 Pacific beaches. The remaining 20% occurs as isolated nesting on the rest of the coastal beaches. Many beaches have sea turtle protection programs, however, following annual budgets, the programs usually close in December, when the leatherback nesting season is beginning to increase, and start again in June, when the leatherback season has concluded. This situation was more noticeable in the past. With the actions to disseminate information about the situation of the leatherback in Mexico, many of the projects on beaches not in priority order 1 for leatherback extend their work period until March-April, managing to protect more nests and release their neonates.

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) >>> 2

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)

>>>3

d. Protection of Nests IN SITU

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

% of hatching = total of hatchlings that hatched/total eggs If the total of hatchlings hatched is not available % of hatching = total of shells/total of eggs

>>>

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

>>> The total number of live hatchlings integrated into the sea would be presented, however, the data is not yet available as the season is still ongoing, but the information for 2022 is as follows: 7 beaches operated by CONANP were reported with 3 nests protected in situ, which represents 1.9% of the total number of nests that occurred. The % of hatchlings released with respect to the total eggs incubated in situ was 68.3%

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	56.2
Boxes	na
Same beach	na
Other (Which and %)	na

It has attached to this reply to the following documents.

informe proteccion in situ y otros resolucion baula Mexico 2022 y 2023.xlsx -summary of monitoring data and

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

13. Activities to control East Pacific leatherback nests predation carried out in the year of this report (choose all that apply)

□ Population control of feral, domestic, and introduced animals

 \boxtimes Protection of nests with mesh /screen

□None

 \Box N/A. There are no nesting beaches in the country

 \Box 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

 \Box Others

 \square 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).

>>> Reporting absolutely all beaches where there is some monitoring and protection work would not be practical and is considered unnecessary since the indexes that are also priority are being reported 1, that is, they are the ones with the highest number of nestings. In addition, a file containing this information is being attached, so as not to change the format of the report, which is not so easy.

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* X Yes

□No

If the answer is "Yes," describe and if needed, attach supplementary information

>>> CONANP together with OSC Kutzari AC carried out a research project along the Mexican Pacific coast, through which information was gathered by interviewing fishermen about the encounters. Certain areas were found in which surveillance might be required, however, the project did not cover absolutely the entire Mexican Pacific and now another group is developing it, so the results of the new group are expected to have more and better information.

17.Has your country identified East Pacific leatherback adult and juvenile aggregation sites, migration routes, and other sites of importance for conservation in national waters which could be subjected to measures for spatial and temporal management of threats? Please select only one option □Yes ⊠No

If the answer is "Yes," describe and if required, attach supplementary information \rightarrowtail N/A

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* Xes □No

If the answer is "Yes," describe and if required, attach supplementary information (500 words)

>>> In the past, through the Marine Turtle Laboratory of the Faculty of Sciences, then with the then INP, and later with the CONANP and partners of NOAA-La Jolla, satellite transmitters were placed to learn about migratory routes and movements between nesting sites, and no feeding sites were located in Mexican waters.

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)

>>> N/A

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) >>> Turtle camps are set up on the nesting beaches all year round, and one of their main activities is the surveillance and protection of the nests, involving the people of the adjacent communities, giving awareness talks including the legal issues of the prohibition of the use of sea turtles.

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.

>>> 1. The total and permanent ban on the use of products and by-products of sea turtles in Mexico, including the hawksbill turtle, remains in force.

2. The hawksbill turtle, like the rest of the species of sea turtles, customs surveillance operations are carried out for the identification of specimens, products or by-products of the hawksbill turtle, as well as other species regulated and listed in CITES.

3. The protection of nests is carried out by technical personnel from the different projects on the hawksbill nesting beaches, since looting still occurs in some sites such as Holbox, Celestún, Isla Aguada.

4. On some nesting beaches, the protection tours of nests and adults carried out by technical personnel are reinforced with tours by the SEMAR to prevent the illegal capture of specimens on the nesting beaches. 5. Even though the use of the hawksbill in artisanal activities is not common, there is still trade on the black

market where pieces of hawksbill are offered.

2. Use has been reported is your country enforcing pertinent hawksbill legislation? Places coloct only one ontion

Please select only one option	1
⊠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 IAC - Annual Report 2024 [Santos Roberto Hernandez Lopez, México] Page 12 of 76

supporting documents, if required.

- >>>1. Projects subject to operating rules for the protection of hawksbill turtle nesting beaches are applied.
- 2. Protection activities on nesting beaches are subject to the issuance of authorizations for non-extractive use.
- 3. Surveillance tours are carried out, mainly by SEMAR.
- 4. Complaints are made for looting of nests.

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

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. Talks are held locally with communities that participate in hawksbill turtle conservation actions, where the legal framework that protects the species is shared, with its legal implications and sanctions.

2. Inspection and surveillance actions are promoted by competent authorities such as PROFEPA, SEMAR and the National Guard.

3. Workshops have been given to coastal fishing communities, to reduce incidental capture and the opportunity for illegal use of shell or meat.

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.

>>>1. In 2023, important sea turtle nesting beaches were elevated to the category of Sanctuary, including Chenkan in the state of Campeche, considered one of the most important in the Greater Caribbean for the species.

2. "Protection of sea turtle nesting beaches" projects are supported through projects subject to operating rules (PROREST) at the federal level in the species' distribution area.

3. Some of the most important nesting beaches of the species are located within Protected Natural Areas.

4. For some beaches, the National Commission of Protected Natural Areas has the Federal Maritime-Terrestrial Zone Destination Agreement, which minimizes and makes compatible anthropic uses in the species' nesting habitat.

5. Monitoring of index, secondary and marginal beaches is carried out systematically each season, mostly for the protection of nests and monitoring of the nesting population.

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.

>>> 1. Monitoring projects are carried out in feeding areas, mainly in the North Pacific, which involve the evaluation of the habitat and the aggregation areas.

2. Protected Natural Areas were decreed in critical habitats of the hawksbill turtle, such as the Bajos del Norte National Park, Yucatán in the Gulf of Mexico.

3. Initiatives continue to mitigate the impacts of coastal fishing on the incidental capture of hawksbill turtles.

4. A fishing refuge area was established in one of the main aggregation areas of juvenile hawksbill turtles at the eastern mouth of Laguna de Términos (Puerto Real) in Campeche, which will have a positive impact on the conservation of the site.

5. Joint projects are carried out with fishermen in sea turtle aggregation sites, for the responsible management of fishing, which includes the release of specimens captured in these sites; for this, specific workshops are given, and material is donated to carry out the practices of release and first aid for turtles.

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.

>>> In Puerto Morelos, the Management Plan of the Program for the Protection, Conservation and Management of Sea Turtles of the Puerto Morelos and Punta Brava Reef National Park is implemented every year, which is in accordance with PACE and NOM 162, and consists of:

- Beach cleanups.
- Surveillance on nesting beaches.
- Nesting monitoring.
- Relocation and/or rescue of nests.
- Monitoring of females.
- Analysis of hatched nests and rescue of straggling young.
- Registration and attention to strandings.
- Environmental education actions.
- Participation in the State Sea Turtle Committee.
- Participation in events (Workshops, National Meeting, International Symposium).

Also, on other beaches in Quintana Roo, such as Xcacel, Puerto Aventuras DIF, XelHa, among others, patrol activities, female marking, clutch counting, incubation evaluation by reviewing nests with evidence of turtle birth, environmental education workshops, training for technicians and volunteers are developed. The Sea Turtle Festival is held in Tulum, in addition to participating in the meetings of the State Committee for the Protection, Conservation and Research in Sea Turtles of Quintana Roo, as well as in Municipal Committees, where collaboration agreements are made, and information is shared.

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.

- >>> In the Puerto Morelos Reef National Park, the following are carried out:
- Training/Education
- Nesting monitoring and surveillance
- Nest relocation
- Flood nest rescue
- Registration and attention to strandings

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.

>>>

In Mexico, all species of sea turtles are protected by law (LGVS ARt. 61 bis), in addition to being on the list of species at risk (NOM-059-SEMARNAT 2019) in the category of endangered species, and the 1990 prohibition decree). In addition, on December 24, 2022, the "Decree that reforms, repeals and adds various provisions of the Decree by which the places where said species nests and spawns are determined as reserve areas and refuge sites for the protection, conservation, repopulation, development and control of the various species of sea turtle, published on October 29, 1986, to establish the forecasts according to sea turtle sanctuaries" The protection actions on nesting beaches are also aligned with NOM-162-SEMARNAT2012, which standardizes the methodology for the protection of nests and the release of newborns

5. Has your country taken conservation actions to protect nesting beaches and their associated habitats? *Please select only one option*

⊠Yes

□No

 \Box 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.

>>> The beaches of Puerto Morelos, Quintana Roo are part of the polygon of the Arrecifes de Puerto Morelos NP, and other beaches are within the polygon of the RB Caribe Mexicano, as well as the destination of the federal zone of several important nesting beaches, which makes this area a protected natural area.

6. Are there laws on turtle-friendly lighting in areas impacted by coastal development? *Please select only one option*

⊠Yes □No

 \Box 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.

>>> The Mexican Official Standard NOM-162-SEMARNAT-2002 indicates the obligation on nesting beaches to eliminate, reorient or modify any installation or equipment that at night generates an emission or reflection of light towards the nesting beach or causes glare behind the coastal vegetation, during the nesting season and emergence of sea turtle hatchlings.

7. Is there long-term (minimum 10 years) standardized data available for population trend studies? *Please select only one option* Xes

 \Box 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.

>>> The groups that have monitored the nesting of the loggerhead have done so for more than 10 years, refining and standardizing the methods. The standardized data are Number of Cc nests, Analysis of hatched clutches, installation of turtle camps, day and night patrols, taking of morphometric measurements, curved length and curved width of shell, marking of nesting females with metal tags, monitoring of females marked with satellite tagging, monitoring of females with autograft tag.

In the nesting section, a report provided by Flora Fauna and Culture of Mexico is being added that contains information on loggerhead nesting in the Caribbean.

8. Is there exploitation or direct harvest of loggerhead turtles in your country? *Please select only one option*

□ 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 certain areas of the country, people take risks and illegally catch loggerheads, but there is no information on the quantity. Most likely, it is for personal consumption, which is still illegal.

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. **>>>**

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

 $\Box \operatorname{Not}$ 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.

>>>

5. Does your country have a monitoring and tagging program at the NWA leatherback nesting beaches? *Please select only one option*

□Yes □No

 \Box 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.

>>>

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
 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.

>>> Information is collected annually from the different fisheries and catch volume data is obtained. This information is collected, analyzed and concentrated for publication through the Fisheries Statistics Yearbook.

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.

>>> For tuna fishing with purse seine nets and longlines, there is an On-Board Observer Program in compliance with international agreements, there is also a Program for shark and ray fishing; and for shrimp fishing in marine waters, it is planned that observers can be assigned by the fishing authority. On the other hand, the Agreement that establishes the fishing refuge zone and new measures to reduce the possible interaction of fishing with sea turtles on the western coast of Baja California Sur, indicates the obligation to have a Program of Technical Assistants on Board (ATB) or Scientific Observers aimed at supervising artisanal fishing activities and the eventual interaction with sea turtles in the area. Likewise, the ATBs have an important role in compliance with the mortality limit of yellow turtles.

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.

>>> Periodic research is carried out by technical and scientific personnel dependent on the national scientific authority for fisheries (Mexican Institute for Research in Sustainable Fisheries and Aquaculture (IMIPAS)), which has contributed to obtaining information on the interactions of turtles with fisheries, which has helped to have a significant dysfunction of incidental mortality of sea turtles and help to increase the activities of mitigation measures.

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.

>>> N/A

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. >>> N/A

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.

>>>The following Mexican Official Standards on fishing establish measures for the protection of sea turtles

during longline fishing: NOM-023-SAG/PESC-2014, Which regulates the use of tuna species with longline vessels in waters under federal jurisdiction of the Gulf of Mexico and the Caribbean Sea NOM-029-PESC-2006 Responsible fishing of sharks and rays. Specifications for their use.

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

Please select only one option \boxtimes 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.

>>> El "Acuerdo por el que establece la zona de refugio pesquero y nuevas medidas para reducir la posible interacción de la pesca con tortugas marinas en la costa occidental de Baja California Sur" establece restricciones y prohibiciones para el uso de redes de enmalle de luz de malla 4 1/4 y 6 pulgadas y mayores, para evitar la captura de tortugas marinas.

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

Please select only one option

⊠Yes

□No

 \Box 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

>>> TEDs: specify those that are legally approved, their dimensions, materials from which they are made and target species for the fishery, 2. temporal-spatial closure: specify geographic area, closure time and target species for the fishery, 3. Casting time and/or 4. Other measures; or attach any relevant document.

The Mexican Official Standard NOM-002-SAG/PESC-2013 establishes the mandatory use of any type of rigid Sea Turtle Excluder Device (TED) during trawling operations, which must meet the specifications contained in NOM-061-SAG/PESC/SEMARNAT-2016. Both regulations are attached

The following documents have been attached to this response.

<u>NOM_002_SAG_PESC_2013.pdf</u> - Official Mexican Standard NOM-002-SAG-PESC-2013 that regulates shrimp fishing

<u>NOM-061-SAG-PESCA-SEMARNAT.pdf</u> - Official Mexican Standard NOM-061-SAG-PESCASEMARNAT-2016 that regulates sea turtle excluder devices Experiments to evaluate and promote the voluntary use of TEDsDoes

9. your country implements mitigation measure in other fishing gears? *Please select only one option*

Yes

□ Not applicable

If yes, please indicate which fishing gears

>>>Fishing refuge zones and new measures have been established (the use of circular, semicircular or straight hooks for longlines is contemplated; the depth of longlines or rigging that may be used in the marine area is regulated) to reduce the possible interaction of fishing with sea turtles.

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 >>>No training was carried out.

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.

>>> N/A

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	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Incidental Capture	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Coastal development	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Pathogens	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Contamination	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Climate Change	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes

The following documents have been attached to this response. http://seaturtlereport.org/answers/21174/documents/906

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	X	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Lighting regulations in place	X	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Permits required for construction near nesting sites		X		\boxtimes	X	
Permits required for scientific research on feeding/nesting grounds	X	X	X	\boxtimes	X	\boxtimes
Permits required for recreational activities near nesting sites	X	X	X	\boxtimes	X	
Beach Cleanups	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Predator's removal/contro l	×	\boxtimes	\boxtimes	\boxtimes	\boxtimes	
Use of sea turtle friendly lighting						

|--|

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

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

2.3 Direct use mitigation actions

	L o	L k	Dc	Ei	Cc	Cm
None						
Nests relocation	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Night Patrols	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Day Patrols	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Flipper Tagging	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Satellite Tracking	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Poaching regulations in place	X				\boxtimes	\boxtimes
Environmental education for local communities	X				\boxtimes	\boxtimes
Seizure of sea turtle products	X				\boxtimes	\boxtimes
Livelihood alternatives for local communities	X				\boxtimes	\boxtimes
Permits required for scientific research	X					\boxtimes
Exception management plan (if applies)						

3) Research

3.1 Types of research

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

	Cm	Cc	Ei	Dc	L k	L o
Tagging	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Migration	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Genetics	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Habitat monitoring	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Fisheries interactions	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes
Disease	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes	\boxtimes

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.

>>> In response to this point, it is suggested to access the information available in the attached file. It has attached to this reply to the following documents. <u>Autorizaciones_Colecta_Tortugas_Marinas_Informe_CIT_2023_DGVS.pdf</u>- indicates the institution, the name of the project and the species of sea turtle

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.

>>> CONANP is in the process of developing Management Programs for the new turtle sanctuaries.

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.

>>> I am attaching a document containing the results of nesting, protection of nests and release of hatchlings from the beaches operated by CONANP, some of them included as index beaches, and the update of the results of the same beaches for the 2022 season, since each year we send incomplete data for the Pacific, since, at the date of submission, the season is in progress.

The following documents have been attached to this response.

<u>Resumen_Anidación_Tortugas_Marinas_Campamentos_Informe_CIT_2023_DGVS.pdf</u> - The document "Summary of Sea Turtle Nesting Camps CIT Report 2023 DGVS" is attached, which indicates the results by species and coastal region (Pacific, Gulf and Caribbean), obtained from the reports of the owners of the turtle camps authorized by the General Directorate of Wildlife.

<u>Anidación Protección Tortugas Marinas Campamentos Informe CIT 2023 DGVS.pdf</u> - The document "Nesting Protection Sea Turtles Camps CIT Report 2023 DGVS" is attached, which indicates the results of nesting and protection of sea turtle species that have been reported by turtle camp operators authorized by the General Directorate of Wildlife during the 2023 season, which indicates the state of the Mexican Republic where the camp is located, the name of the camp, the species and the number of nests, eggs and hatchlings.

informe_de_anidación_temporada_2023__y_actualizacion_Pacífico_2022._CIT.pdf

Mexico

Rancho Nuevo; Tamps

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.

 \boxtimes 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 >>> 23.33277778

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 97.7702778

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. \Box 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.

>>> Conditions have not changed from 2022 to 2023. The same activities continue to be carried out in protection and monitoring.

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* \Box Yes \Box 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

>>> CONANP-SEMARNAT

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach. >>>30

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 monito ring period	Surve y frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2023	March	2023	December	March 2023	December 2023	daily			
Lk	2023	March	2023	December	March 2023	December 2023	daily		15597	15597
Dc	2023	March	2023	December	March 2023	December 2023	daily			
Ei	2023	March	2023	December	March 2023	December 2023	daily			
Cc	2023	March	2023	December	March 2023	December 2023	daily		6	6
Cm	2023	March	2023	December	March 2023	December 2023	daily		3055	3055

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

>>> The days passed calmly, but due to a lack of personnel to capture, this data presented is preliminary, it is not completely refined, but it is very close to reality.

Barra del Tordo; Tamps.

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 >>> 23.02452778

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 97.8636639

Declared Protected Area

Indicate if the area is declared as some type of protected area *Please select only one option* ⊠Yes □No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs. \square 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.

>>> The work continues to be carried out daily. The new one is that now the entire Barra del Tordo beach is part of the Playa Rancho Nuevo Sanctuary, along with the Rancho Nuevo beach.

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. >>> IPN researcher collected blood samples for genetic studies

Organization or entity providing data

Indicate what organization or entity is providing the data >>> CONANP-SEMARNAT

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 monito ring period	Surve y frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2023	March	2023	December	March 2023	December 2023	daily			
Lk	2023	March	2023	December	March 2023	December 2023	daily		1895	1895
Dc	2023	March	2023	December	March 2023	December 2023	daily		1	1
Ei	2023	March	2023	December	March 2023	December 2023	daily			
Cc	2023	March	2023	December	March 2023	December 2023	daily		1	1
Cm	2023	March	2023	December	March 2023	December 2023	daily		729	729

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

Altamira; Tamps.

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

 \boxtimes 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.

 \boxtimes 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 >>> 22.52050556

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 97.8593056

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.

>>> IPN researcher carries out a genetics project for which he takes blood samples

Organization or entity providing data

Indicate what organization or entity is providing the data >>> CONANP-SEMARNAT

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach. >>> 18

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 >>>>

	Month	Start of	End of	Surve y	Season	Season	Season
nesting and day nesting	and day	monitoring	monito	frequency	females	clutches	number

	season started	the nesting season started	season ended	the nesting season ended	period	ring period		exact count	exact count	of nests
Lo										
Lk	2023	March	2023		March	December	daily		727	727
Dc										
Ei										
Cc										
Cm										

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

>>> At the beginning of the season, due to adjustments in the approach to the development of the project, there was a shortage of personnel and no motorcycles, so the data may be incomplete. Things soon recovered and the project developed normally, however, there is no data on other species, such as the green turtle, for example.

Miramar; Tamps.

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.

 \boxtimes 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 >>> 22.28077778

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 97.7978583

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.IAC - Annual Report 2024 [Santos Roberto Hernandez Lopez, México]Page 30 of 76

⊠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.

>>> An IPN researcher is collecting blood samples for different studies, including genetics.

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

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach. ${\scriptstyle \textit{>>>}} 10$

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.

	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 monito ring period	Surve y frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo										
Lk	2023	March	2023	December	March 2023	December 2023	daily		626	626
Dc	2023	March	2023	December	March 2023	December 2023	daily		0	0
Ei	2023	March	2023	December	March 2023	December 2023	daily			
Cc	2023	March	2023	December	March 2023	December 2023	daily		5	5
Cm	2023	March	2023	December	March 2023	December 2023	daily		169	169

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

Las Coloradas/Rio Lagartos; Tamps.

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.

 \boxtimes 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 >>> 21.6111111

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 88.1666667

Declared Protected Area

Indicate if the area is declared as some type of protected area Please select only one option IAC - Annual Report 2024 [Santos Roberto Hernandez Lopez, México] ⊠Yes □No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs. \square FT

□st

🗆 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 >>> CONANP-SEMARNAT

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach. ${\scriptstyle \textit{\tiny NN}}$ 40

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	Month	Year the	Month	Start of	End of	Survo v	Soacon	Season	Season
rear the	MOITCH	rear the	MOTILIT	Start Of		Sulve y	Season	Season	Season

	nesting season started	and day the nesting season started	nesting season ended	and day the nesting season ended	monitoring period	monito ring period	frequency	females exact count	clutches exact count	number of nests
Lo										
Lk	2023	April	2023	October	April 2023	October 2023	daily		0	0
Dc	2023	April	2023	October	April 2023	October 2023	daily		0	0
Ei	2023	April	2023	October	April 2023	October 2023	daily		710	710
Cc	2023	April	2023	October	April 2023	October 2023	daily		0	0
Cm	2023	April	2023	October	April 2023	October 2023	daily		7393	7393

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

>>>

Lechuguillas; Ver

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 >>>18.78305556

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 91.4972222

Declared Protected Area

Indicate if the area is declared as some type of protected area Please select only one option ⊠Yes □No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs. \square 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 >>> CONANP-SEMARNAT

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 monito ring period	Surve y frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo										

Lk	2023	April	2023	August	March 2023	April 2023	daily	31	31
Dc									
Ei									
Cc									
Cm	2023	April	2023	August	March 2023	April 2023	daily	7481	7481

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

Isla Aguada; Camp.

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 >>> 18.78305556

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 91.4972222

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. \Box FT

	∃ST
Г	Пріт

🖾 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 >>> CONANP-SEMARNAT

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach. >>> 26

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.

	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 monito ring period	Surve y frequency	Season females exact count	Season clutches exact count	Season number of nests
--	--	---	--	---	----------------------------------	------------------------------------	----------------------	-------------------------------------	--------------------------------------	------------------------------

Lo									
Lk	2023	April	2023	November	April 2023	November 2023	daily	0	0
Dc	2023	April	2023	November	April 2023	November 2023	daily	0	0
Ei	2023	April	2023	November	April 2023	November 2023	daily	148	148
Cc	2023	April	2023	November	April 2023	November 2023	daily	0	0
Cm	2023	April	2023	November	April 2023	November 2023	daily	2416	2416

Xcacel; Q. Roo

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 >>> 20.3413888888889

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 87.343055555555

Declared Protected Area

Indicate if the area is declared as some type of protected area Please select only one option ⊠Yes □No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs. \square FT



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 >>> Flora, Fauna y Cultura de México A.C. / Fundación Eco-Bahia

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.

n se	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 monito ring period	Surve y frequency	Season females exact count	Season clutches exact count	Season number of nests
---------	--	---	--	---	----------------------------------	------------------------------------	----------------------	-------------------------------------	--------------------------------------	------------------------------

Lo										
Lk										
Dc	2023	May 8, 2023	2023	November 30, 2023	May 2, 2023	November 30, 2023	daily and night		1	1
Ei	2023	May 8, 2023	2023	November 30, 2023	May 2, 2023	November 30, 2023	daily and night			
Cc	2023	May 8, 2023	2023	November 30, 2023	May 2, 2023	November 30, 2023	daily and night	202	464	464
Cm	2023	May 8, 2023	2023	November 30, 2023	May 2, 2023	November 30, 2023	daily and night	2723	6262	6262

>>>

Chemuyil; Q. Roo.

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 >>> 20.356944444444

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 87.332777777778

Declared Protected Area

Indicate if the area is declared as some type of protected area *Please select only one option* ⊠Yes □No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs. \square FT



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 >>> Flora, Fauna y Cultura de México, AC / Fundación Eco-Bahia

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.

	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 monito ring period	Surve y frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo										
Lk										

Dc											
Ei											
Cc	2023	April 2023	29,	2023	July 29, 2023	May 2023	Nov 2023	daily	29	66	66
Cm	2023	April 2023	29,	2023	July 29, 2023	May 2023	Nov 2023	daily	125	287	287

Xel Ha; Q. Roo.

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.

 \boxtimes 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 >>> 20.320555555556

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 87.35222222222

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 >>> Flora, Fauna y Cultura de México A.C. / Fundación Eco-Bahia

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach. ${\scriptstyle >\!\!>\!\!>} 1$

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.

	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 monito ring period	Surve y frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo										
Lk										

Dc											
Ei											
Cc	2023	April 2023	13,	2023	December	August 7,2023	November 2023	daily	84	193	193
Cm	2023	April 2023	13,	2023	December	August 7,2023	November 2023	daily		971	971

Aventuras DIF (Previously Puerto Aventuras); Q. Roo

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 >>> 20.374722222222

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 87.324722222222

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 >>> Flora, Fauna y Cultura de México A.C. / Fundación Eco-Bahía

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach. ${\scriptstyle >\!\!>\!\!>} 2$

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.

	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 monito ring period	Surve y frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo										
Lk										
Dc										

Ei											
Cc	2023	April	24,	2023	December	May 2023	November	daily	201	462	462
		2023			25, 2023		2023				
Cm	2023	April	24,	2023	December	May 2023	November	daily	754	1735	1735
		2023			25, 2023.		2023				

El Verde; Sin.

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.

 \boxtimes 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 >>> 23.444727

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 106.582413

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.

□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 >>> CONANP-SEMARNAT

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.

	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 monito ring period	Surve y frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2023	May	2024	Current	May 2023	Current	daily		1485	1485
Lk										
Dc										

Ei					
Cc					
Cm					

Tierra Colorada; Gro

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.

 \boxtimes 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 >>> 16.50083333

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 98.7277778

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. □ 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 >>> CONANP-SEMARNAT EN COLABORACIÓN CON KUTZARI A.C.

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach. >>> 12

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.

	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 monito ring period	Surve y frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2023	July	2024	Current	July 2023	Current	daily			630
Lk										
Dc	2023	July	2024	Current	July 2023	Current	daily		1	34

Ei									
Cc									
Cm	2023	July	2024	Current	July 2023	Current	daily	729	19

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

Cahuitan; Oax.

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 >>> 16.31166667

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 98.5351111

Declared Protected Area

Indicate if the area is declared as some type of protected area *Please select only one option* \Box Yes \Box 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 >>> SEMARNAT-CONANP en colaboración con Kutzari AC.

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach. >>> 10

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.

	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 monito ring period	Surve y frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2023	May	2024	Current	May 2023	Current	daily			1036
Lk										
Dc	2023	May	2024	Current	May 2023	Current	daily		1	35

Ei									
Cc									
Cm	2023	May	2024	Current	May 2023	Current	daily	729	144

Escobilla; Oax.

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

 \boxtimes 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 >>> 15.72638889

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 96.7627778

Declared Protected Area

Indicate if the area is declared as some type of protected area *Please select only one option* ⊠Yes □No

Tagging Programs

Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs. \square FT \square ST

🗆 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 >>> CONANP-SEMARNAT

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach. >>> 15

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.

	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 monito ring period	Surve y frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2023	May	2024	Current	May 2023	Current	daily		1175000	1175000
Lk										
Dc	2023	May	2024	Current	May 2023	Current	daily			1036

Ei									
Cc									
Cm	2023	May	2024	Current	May 2023	Current	daily	26	26

Barra de la Cruz; Oax.

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

 \boxtimes 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 >>> 15.81666667

Geographic Location: Longitude

Specify longitude in decimal degrees >>> 95.96666667

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 >>> SEMARNAT-CONANP en colaboración con Kutzari, A,C.

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.

	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 monito ring period	Surve y frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2023	May	2024	Current	May 2023	Current	daily		342	342
Lk										
Dc	2023	May	2024	Current	May 2023	Current	daily		99	99

Ei									
Cc									
Cm	2023	May	2024	Current	May 2023	Current	daily	102	102

>>> This beach became a protected natural area on January 8, 2024, with the category of Sanctuary, changing the name to Barra de la Cruz - Playa Grande.

Colola; Mich.

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 >>> 18.3050278

Geographic Location: Longitude

Specify longitude in decimal degrees >>>103.424506

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.

>>> The School of Biology of the Michoacana University of San Nicolas de Hidalgo is part of the Latin American biobank, and we have blood and tissue samples from females and males of the Colola population available. Organization or entity providing data.

Indicate what organization or entity is providing the data >>> Universidad Michoacana de San Nicolas de Hidalgo

Extension of beach monitored (km)

Provide the total length (in kilometers) of the nesting beach. ${\scriptstyle >\!\!>\!\!>} 5$

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.

	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 monito ring period	Surve y frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2023		2024	Current	May 2023	Current	daily			
Lk										
Dc	2023		2024	Current	May 2023	Current	daily	2		2
Ei										

Cc									
Cm	2023	01/08/2023	2024	Current	May 2023	Current	daily	27679	83037

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 \geq 15 Hooks per Basket or Hooks between Floats or hooks with \geq 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)

I. Released condition unknown: Total number of each sea turtle species released under unknown conditions as the individual could not be brought onboard or close enough to verify the condition dead or alive.

m. Notes: Include additional information such as turtles caught that had tags (flipper tags or satellite transmitter), in each case (shallow and deep sets), if applicable.

Mexico 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
Yellowfin tuna	Thunnus albacares	x	
Swordfish	Xiphias gladius	x	

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

2.1Period 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	Desde 84° W hasta 98° W y desde 18° N hasta 26° N
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)

O-other and specify.

	Total Fleet	Observed	% Observed
No. of trips	169	169	100%
No. of vessels that fished	16	16	100%
Predominant bait type	O (Selar crumenophthalmus, Haemulon aurolineatum, Sardinella spp y Decaterus spp) SQ	crumenophthalmus,	100%
Predominant hook type/size	Circular (16) c-06	Circular (16) c-06	100%
No. of hooks (in thousands)	1,206,488	1,206,488	100%
Number of sets	2,249	2,249	100%
No. of effective fishing days	4197	4197	100%

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 >>> > Circle hooks No. 15/0 and 16/0; J-type hooks No. 08 and 09; Offset: yes

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			1
Eretmochelys imbricata			
Chelonia mydas			2
Caretta caretta			

2.3b Notes (e.g. Tagged turtles, etc.) >>> NO NOTES

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

3.1Period 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 Condition Unknown
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
Swordfish	Xiphias gladius	x	
Blue shark	Prionace glauca	x	
Shortfin mako shark	Isurus Oxyrinchus	x	
Thresher shark	Alopias pelágicus	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

	Shallow sets
Area Fished	Between the coordinates Lat North 29.128 and Lat South 20.708 and Lon W 24.955 and 22.723
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	Observe d	% 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 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 ≥100m max hook depth)

3.1 Period Covered & Area Fished

Please enter information in the following formats: **Period Covered:** date range mm/dd/yyyy–mm/dd/yyyy **Area Fished:** from (XXX)oW to (XXX)oW and from (XXX)oS/N to (XXX)oS/N

	Deep 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.)

>>>

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 \geq 15 Hooks per Basket or Hooks between Floats or hooks with \geq 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) **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) 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 Mexico 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
Yellowfin tuna	Thunnus albacares	x	
Swordfish	Xiphias gladius	x	
Sharks	Divers	x	

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

2.1 Period Covered & amp; Area Fished

Please enter information in the following formats: **Period Covered:** date range mm/dd/yyyy–mm/dd/yyyy **Area Fished:** from (XXX)oW to (XXX)oW and from (XXX)oS/N to (XXX)oS/N

	Shallow sets
Area Fished	Desde 84° W hasta 98° W y desde 18° N hasta 26° N
Period Covered	01/01/2023-31/12/2023

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	Observe d	% Observed
Predominant hook type/size	c-06- circular 16	c-06- circular 16	100%
No. of vessels that fished	4	4	100%
Predominant bait type	O (Selar crumenophthalmus, Haemulon aurolineatum, Sardinella spp y Decaterus spp) SQ-, OJON	Haemulon aurolineatum Sardinella	100%
No. of hooks (in thousands)	68,819	68,819	100%
Number of sets	151	151	100%
Number of effective fishing days	364	364	100%
Number of trips	15	15	100%

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 >>> Circle hooks No. 15/0 and 16/0; J-type hooks No. 08 and 09; Offset: yes 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 Condition Unknown
Lepidochelys olivacea	0	0	0
Lepidochelys kempii	0	0	0
Dermochelys coriacea	0	0	0
Eretmochelys imbricata	0	0	0
Chelonia mydas	0	0	0
Caretta caretta	0	0	0

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

>>>

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

3.1 Period Covered & Area Fished

Please enter information in the following formats: **Period Covered:** date range mm/dd/yyyy–mm/dd/yyyy **Area Fished:** from (XXX)oW to (XXX)oW and from (XXX)oS/N to (XXX)oS/N

	Deep 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	Observe d	% 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

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	Shallo w sets	Deep sets

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

2.1 Period Covered & amp; Area Fished

Please enter information in the following formats: **Period Covered:** date range mm/dd/yyyy–mm/dd/yyyy **Area Fished:** from (XXX)oW to (XXX)oW and from (XXX)oS/N to (XXX)oS/N

	Shallow sets
Area Fished	Desde 84° W hasta 98° W y desde 18° N hasta 26° N
Period Covered	1/01/2023-31/12/2023

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	Observe d	% Observed
Predominant hook type/size			
No. of vessels that fished			
Predominant bait type			
No. of hooks (in thousands)			
Number of sets			
Number of effective fishing days			
Number of trips			

Hook notation that is not in the IATTC code

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

-**Type**: Circle, J, or Other -**Size**: J (8 or 9)

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 Condition Unknown
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 ≥100m max hook depth)

3.1 Period Covered & Area Fished

Please enter information in the following formats: **Period Covered:** date range mm/dd/yyyy–mm/dd/yyyy **Area Fished:** from (XXX)oW to (XXX)oW and from (XXX)oS/N to (XXX)oS/N

	Deep 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	% Observe d
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.)

>>>

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.

1.1Please 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	Lk	Lo
SHRIMP DRAG						х
LONGLINE TUNAS						х
SHARK LONGLINE						х

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

FISHERY	Averag e 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)
SHRIMP DRAG	23 m	PENEID SHRIMP	Coastal	101-1000	91-180
LONGLINE TUNAS	23 m	TUNIDOS	Oceanic	11-100	61-90
 SHARK LONGLINE	23 m	SHARKS OR RAYS	Oceanic	101-1000	61-90

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".

FISHE RY	Cc	Cm	Dc	Ei	Lk	Lo
SHRIMP DRAG						ND
LONGLINE TUNAS	0	2	1	0	0	0
SHARK LONGLINE						ND

2.1Please 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/intervie ws	Electronic monitoring	Fishermen logbooks	Radio comms	Other
Pelagic longline for tuna	100%					

3) REDUCTION OF THE BYCATCH IMPACT ON SEA TURTLES

3.1Mention 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	SHARK	100		
Fish bait	LONGLINE	100		
Net illumination				
Reduced soak times				
TEDs (Turtle Excluders Devices)	SHRIMP	100		
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.

 $\ensuremath{\text{\tiny NO}}$ Circulars No. 15/0 and 16/0 on Sharks and Tuna.

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

CIRCLE HOOKS

FISH BAIT

NET ILLUMINATION

REDUCED SOAK TIMES

SPATIAL/TEMPORAL MANAGEMENT

TEDS

Other

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3.3Which 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.

	y to which this % of the fis re applies (use range	5	
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Dehooking	LONGLINE-SHARK	100	
First aid to injured sea turtles	LONGLINE	100	
Disentanglement	LONGLINE - MARINE SCALE	100	
Installation and maintenance of TEDs	SHRIMP	100	
Communication program with the fishing fleet to promote best practices	ALL		
Projects to promote exchange between fishermen at national level to share experiences on reduction and mitigation of EP leatherback bycatch			
Projects to promote exchange between fishermen at regional level to share experiences on reduction and mitigation of EP leatherback bycatch			
On-board equipment and educational material for best practices for safe handling and release of sea turtles			
Other			

3.4 In your country, who is receiving training on the following best practices and how many individuals received the training t**his 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			
Collector of fishing information in ports			
Fishermen or fishing crew			
Park rangers			
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)	ND	
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)	ND	Sporadically
Other – please indicate below	ND	

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
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

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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