



INTER-AMERICAN CONVENTION FOR THE PROTECTION AND CONSERVATION OF SEA TURTLES

IAC – ANNUAL REPORT 2021

ECUADOR

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, 2021.

Translation by Luz Helena Rodriguez – IAC Secretariat

Part I – General Information

Country

Name of the country reporting

>>> Ecuador

Official Note

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

Are you attaching an official note?

Please select only one option

☐ Yes

☒ No

1) Focal Point

1.1 Name

>>> Walter Schuldt

1.2 Institution

>>> Ministerio de Relaciones Exteriores y Movilidad Humana

1.3 Submission Date

>>> April 30, 2021

2) Agency or Institution responsible for preparing this report

2.1 Name of the person preparing this report

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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 answer.

[ecu200532.pdf](#) - Action Plan for Sea Turtles Conservation in Ecuador 2021 - 2030.

Species Management Plan

Only applicable to countries that have developed individual management plans for each species.

1.1.1 The country has a **specific strategy/plan** for the conservation of:

Please upload the file or attach the link to the corresponding document using icons below.

- ☐ *Lepidochelys olivacea*
☐ *Lepidochelys kempii*
☐ *Dermochelys coriacea*
☐ *Eretmochelys imbricata*
☐ *Caretta caretta*
☐ *Chelonia mydas*

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

1.2 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 2020 – 30 April 2021).

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 (2020).

National Legislation

Type and name of the legal instrument (No.)	Description (Range of application)	Sanctions Imposed
Organic Law Reforming the Comprehensive Organic Criminal Code	Article 247 is modified	Crimes against wild flora and fauna.- The person who hunts, fishes, harvests, captures, collects, extracts, has, transports, introduces, stores, traffics, provides, mistreats, benefits from, exchanges or trades, specimens or their parts, its constituent elements, products and derivatives, of terrestrial, marine or aquatic wild flora or fauna, of species listed as protected by the National Environmental Authority or by international instruments or treaties ratified by the State, will be penalized with a custodial sentence of one to three years.
The Organic Law for the Rationalization, Reuse and Reduction of Single Use Plastics	The purpose of this law is to establish the legal framework to regulate the generation of plastic waste, the progressive reduction of single-use plastics, through responsible use and consumption, reuse and recycling of waste and, when possible, its replacement, for packaging and products made from recycled or biodegradable material with a lower carbon footprint than the product being replaced, to contribute to health care and the environment.	The polluter pays: Whoever carries out or promotes an activity that pollutes or will do so in the future, be it a producer, marketer, importer, distributor or end user, must incorporate into their production, import, commercialization and distribution costs, all measures necessary to prevent, avoid or reduce it. Likewise, whoever pollutes will be obliged to make full reparation and compensation to those affected, adopting compensation measures for the affected populations and paying the corresponding fines.
REPLACE ORDINANCE TO THE ORDINANCE ON ENVIRONMENTAL MANAGEMENT AND POLLUTION CONTROL IN THE ESMERALDAS CANTON, ACCORDING TO THE POWERS PROVIDED BY LAW.	This ordinance has the obligation to preserve the environment and the care of streams, lagoons, forests, rivers, seas, beaches, mangroves, also; Every person domiciled or in transit in the Esmeraldas canton, has the responsibility of caring for the ecosystem that is within their territorial constituency. The environmental management and pollution control criteria, within the competences established in the national legal regulations, will be mandatory for all the inhabitants of the Esmeraldas canton and those who visit it.	VERY SERIOUS INFRINGEMENTS: A fine equivalent to 100% of a Unified Basic Remuneration for: c) Destroying, stealing and/or commercializing turtle eggs. As well as the transport, deposit of solid waste and/or garbage in turtle nesting sites, in their area determined as transit and/or area of influence.

You have attached the following documents to this answer.

[SRO107_20191224.pdf](#) - Organic Law Reforming the Comprehensive Organic Criminal Code

[ENVIRONMENTAL MANAGEMENT ORDINANCE-1 Esmeraldas.pdf](#) - REPLACES THE ORDINANCE ON ENVIRONMENTAL MANAGEMENT AND POLLUTION CONTROL IN THE CANTON OF ESMERALDAS, ACCORDING TO THE POWERS PROVIDED BY LAW

[Organic Law to Rationalize, Reuse and Reduce Single Use Plastic](#)

International Instruments

Year signed and/or ratified	Treaty, Convention, Agreements, Memorandum of Understanding
2020	Regional Agreement on Access to Information, Public Participation and Access to Justice in Environmental Matters in Latin America and the Caribbean
2020	High Ambition Coalition

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.)

>>> 2,202 patrols

410 attentions to stranded or injured turtles during field patrols

247 stranded dead

110 CEPA events

8,851 participants in environmental education activities

140 people trained by the Project

178 turtles received veterinary attention

Coastal Marine Project: Sterilization campaigns

Environmental Education Campaign Our Beaches are your Sanctuary (Annex X)

Ecuador Azul sub-account - within the FAP

Blue Balance: Training Activities

The Ecuadorian Tuna Fleet has a Good Practices Code (Annex X)

4) Efforts to increase IAC membership

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

Please select only one option

☐ Yes (list countries below)

☒ No

4.2 Has your country reached out to Canada, Guyana, French Guiana, Trinidad and Tobago, and/or Suriname to inform these nations about the critical situation of the population and priority actions for the conservation of leatherbacks in the NW Atlantic?

Please select only one option

☐ Yes (list countries below)

☒ No

5) Exceptions under the Convention

5.1 Implementation and monitoring of exceptions established in the Convention

Describe the progress in the implementation of the exception correspondent to the current year (800 words) according to the current resolutions on exceptions.

Resolutions on Exceptions

CIT-COP5-2011-R2 (PDF)

CIT-COP6-2013-R1 (PDF)

CIT-COP7-2015-R1 (PDF)

>>>

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

Additional Notes

Include other information, if required

>>>

2) IAC Resolutions

2.1 The following resolutions apply to this country

- ☒ Eastern Pacific Leatherback Turtle Resolution
- ☒ Hawksbill Resolution
- ☒ Loggerhead Resolution
- ☐ Northwest Atlantic Leatherback Resolution
- ☒ Fisheries Resolution

Resolution CIT-COP7-2015-R2 - Eastern Pacific Leatherback Turtle (*Dermochelys coriacea*)

1. Has your country created conservation plans and/or long-term programs that can reverse the critical situation of the leatherback turtle in the Eastern Pacific?

Please select only one option

☒ Yes

☐ No

☐ Does not apply

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

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

>>> 2202 patrols

Action Plan formalization

Education and communication Campaign "Our Beaches are their sanctuary"

Control on roads by the Fisheries Authority.

Control and surveillance actions within the Protected Areas.

Specific monitoring plans "Corazon and Frigate Island Incubator Report"

2. Are you implementing the country EP leatherback conservation plans?

Please select only one option

☒ Yes

☐ No

☐ Does not apply

Please indicate the period of validity of these plans

>>> There is not an specific plan for this species but there are actions in response to nesting.

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 Non-Governmental Organization Equilibrio Azul is implementing an environmental education project for fishermen and bycatch reduction in the fishing communities of Salango, Puerto López, Machalilla and Puerto Cayo

3. Have you taken conservation measures to eliminate poaching of leatherback turtles?

Please select only one option

☒ Yes

☐ No

☐ Does not apply

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

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

>>> The consumption of this species is not allowed in the country.

Control and surveillance campaigns

Education and communication campaigns

4. If your country has leatherback turtle nesting beaches in the Eastern Pacific: Have you taken conservation measures to protect the nests and nesting habitat?

Please select only one option

☒ Yes

☐ No

☐ Does not apply

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

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

>>> Eggs of this species were successfully incubated artificially in 2020. Environmental education for residents and fishermen in nesting sites.

Nest protection.

Surveillance and Control

5. Has your country adopted fishing techniques that reduce incidental capture and mortality of this species?

Please select only one option

☒ Yes

☐ No

☐ Does not apply

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

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

»» There are fisheries observers in the longline fleet.

Three training workshops have been held for IPIAP and SRP fishing observers, these workshops focused on the identification of sea turtle species, rescue and first aid for sea turtles interacting with fishing gear, and on how observers should fill out forms.

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
☐ Does not apply

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

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

>>> Education and communication Campaign "Our Beaches are their Sanctuary"

-A National Agenda for Environmental Education on Sea Turtles has been prepared and is about to become official.

-A National Agenda for Research on Sea Turtles has been prepared and is about to become official.

2. Is your country enforcing pertinent hawksbill legislation?

Please select only one option

- ☒ Yes
☐ No
☐ Does not apply

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

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

>>> Education and communication Campaign "Our Beaches are their Sanctuary"

Talk "Ecuador a Sea Turtles Country" held on the occasion of World Sea Turtle day on June 16.

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

Please select only one option

- ☒ Yes
☐ No
☐ Does not apply

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

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

>>> Implementation of the Action Plan against Wildlife Trafficking. Collaboration with ECU911 and 1800DELITO. Education and communication Campaign "Our Beaches are their Sanctuary". Control in roads by the Fisheries Authority.

4. Indicate if your country is strengthening the protection of important nesting and foraging habitats by declaring protected areas and regulating anthropogenic activities that adversely impact these habitats

4a. Protection of nesting habitats

Please select only one option

- ☒ Yes
☐ No
☐ Does not apply

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

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

>>> -269 nests monitored

-2202 patrols carried out

- 8851 participants in environmental education activities

4b. Protection of feeding habitats

Please select only one option

- ☒ Yes
☐ No
☐ Does not apply

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

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

»» Control and surveillance activities in sea turtle feeding grounds inside protected areas.

Campaign to clean the sea bed

Control and surveillance activities by users of mangroves.

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 sea turtle conservation?

Please select only one option

- ☒ Yes
☐ No
☐ Does not apply

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

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

>>> Control and surveillance activities in sea turtle feeding grounds inside protected areas.

Campaign to clean the sea bed

Control and surveillance activities by users of mangroves.

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

Please select only one option

- ☒ Yes
☐ No
☐ Does not apply

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

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

>>> Formalization of the National Action Plan 2021-2030.

Control and surveillance program.

Fisheries observers program.

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

Please select only one option

- ☒ Yes
☐ No
☐ Does not apply

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

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

>>> Fisheries observers program

Control and surveillance program

Education and communication campaign

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

Please select only one option

- ☒ Yes
☐ No
☐ Does not apply

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

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

>>> Reform of Article 247 of the Comprehensive Criminal Code on crimes against wildlife.

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

Please select only one option

- ☐ Yes
☐ No
☒ There are no nesting beaches in the country

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

Please select only one option

- ☐ Yes
☐ No
☒ There are no nesting beaches in the country

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

Please select only one option

☐ Yes

☐ No

☒ There are no nesting beaches in the country

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

Please select only one option

☐ Yes

☒ No

☐ Does not apply

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

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

»» The species has only been reported offshore

Resolution CIT-COP3-2006-R2 – Reduce impacts of fisheries on sea turtles

Relating to if your country has adopted the 'Guidelines to Reduce Sea Turtle Mortality induced by fisheries operations', of the United Nations Food and Agriculture Organization (FAO) including:

A. Research and monitoring of the adverse impact of fisheries on sea turtles

1. Does your country collect information by fishery?

Please select only one option

☒ Yes

☐ No

☐ Does not apply

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

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

>>> Three training workshops for IPIAP and SRP fisheries observers focused on sea turtle identification, rescue, and first aid and to fill out observer's forms.

2. Does your country have observer programs?

Please select only one option

☒ Yes

☐ No

☐ Does not apply

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

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

>>> Since 2019, IPIAP obtains information from fishing log books filled out by IPIAP and SRP fisheries observers.

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

Please select only one option

☒ Yes

☐ No

☐ Does not apply

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

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

>>> Fisheries observer's programs

FADs (Fish Aggregating Device) impacts are studied in Galapagos Marines Reserve.

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

Please select only one option

☐ Yes

☐ No

☒ Does not apply

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

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

>>>

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

Please select only one option

☐ Yes

☐ No

☒ Does not apply

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

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

>>>

B. Mitigation measures

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

If the answer is **NO** please justify

Please select only one option

☒ Yes

☐ No

☐ Does not apply

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

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

>>> Fisheries observer's programs

Workshops for observers on sea turtle identification, rescue, and first aid.

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

If the answer is **NO** please justify

Please select only one option

☐ Yes

☐ No

☒ Does not apply

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

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

>>>

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

If the answer is **NO** please justify

Please select only one option

☒ Yes

☐ No

☐ Does not apply

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

TEDs: specify legally approved TEDs, their dimensions, material, and target species for that fishery, 2. time-area closures: specify a geographical area, time of closure and target species for that fishery, 3. tow times and/or 4. other measures; or attach any relevant documents

>>>

9. Does your country implement mitigation measure in other fishing gears?

If the answer is **NO** please justify

Please select only one option

☒ Yes

☐ No

☐ Does not apply

If yes, please indicate which fishing gears

>>>

10. List the fisher training programs about best practices for safe handling and release of incidentally-caught sea turtles carried out by your country during the last year

>>> Training workshops for observers on sea turtle identification, rescue, and first aid in the period herein reported.

C. Socio-economic considerations

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

Please select only one option

☒ Yes

☐ No

☐ Does not apply

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

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

»» Organic Law for the Development of Aquaculture and Fisheries

Art. 47.- Environmental incentives. Those carrying out aquaculture, fishing and related activities in a sustainable manner, and those that develop means within this scope, such as innovation, technology transfer and, in general, change in the production and consumption patterns will be entitled to environmental incentives in accordance with current environmental regulations.

Regulation to the Organic Code of the Environment

Art. 14 g) Coordinates the establishment of inter-sectorial policies and regulations that promote the sustainable use of biological resources and contributes to bio-trade, the bio-economy, the conservation of environmental services, sustainable production and consumption, the extended responsibility of the producer , the use of waste for industry, and environmental incentives, among others.

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 imbricate*

Cc = *Caretta caretta*

Cm = *Chelonia mydas*.

	<i>Lo</i>	<i>Lk</i>	<i>Dc</i>	<i>Ei</i>	<i>Cc</i>	<i>Cm</i>
Contamination	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pathogens	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Climate Change	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Incidental Capture	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Direct Use	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal development	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

2) Indicate the mitigation actions that apply for each species

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

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

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

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

2.2 Direct use mitigation actions

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

3) Research

3.1 Types of research

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

	<i>Lo</i>	<i>Lk</i>	<i>Dc</i>	<i>Ei</i>	<i>Cc</i>	<i>Cm</i>
Disease	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fisheries interactions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Habitat monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Genetics	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Migration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tagging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

3.2 Describe scientific research

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

To report each project, please use the following structure:

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

Describe the file with the same Annex number referenced in the text.

>>> TITLE: Analysis of nesting, hatching and stranding distribution of sea turtles and their relationship with environmental and anthropic parameters in the coastal area of Portoviejo and Sucre in the province of Manabí, Ecuador.

EXPECTED RESULTS:

The main expected result is the protection of sea turtles nesting on beaches in the sectors of Crucita (Portoviejo), San Jacinto and San Clemente (Sucre) to protect approximately 2000 hatchlings per season, for three seasons. It is expected to obtain statistics regarding the amount of garbage and main pollutants that affect the beaches of Portoviejo and Sucre cantons, in order to propose an effective waste management plan. It is expected to be able to tag all sea turtles that come to nest on the beach with INCONEL metallic tags and three post-nesting females with satellite tags between the 2021 and 2022 seasons, to obtain information on the distribution of sea turtles that come to nest in the study site, data that will help to know the population behavior of sea turtles in the areas to be investigated. With this study it is expected to generate relevant information on the sea turtles' population status which will help the conservation of these vulnerable and critically endangered species.

RESPONSIBLE:

Juan Fernando Pesantes; jf_microplastic@contamoscontigoecuador.org

APPENDIX 1

PROJECT: Aquatic biology of the sea turtle in Galapagos (As part of the Framework contract to access genetic resources No. MAAE-DNB-CM-2016-0041)

OBJECTIVES:

6.2.5 Determine the phylogenetic relationships and genetic diversity of both native and introduced species in Galapagos.

6.2.6 Expand the understanding of the population status and connectivity with other areas of the Eastern Pacific of the species of marine turtles found in Galapagos.

RESPONSIBLE:

Daniela Alarcon Ruales; dealarcon@usfq.edu.ec

Juan Pablo Munoz; jmunozp@usfq.edu.ec

APPENDIX 2

FCW Research Permit

Research Permit University of Mexico INABIO Contract No.

ESPOL Pollutant Investigation

You have attached the following documents to this answer.

[Contract Marco MAE-DNB-CM-2016-0041 compressed.pdf](#) - Annex 2.- Framework Contract MAE-DNB-CM-2016-0041
[maae-arsfc-2020-0637-autorizacion.pdf](#) - Annex 1: Collection Authorization No. 637

4) Other activities

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

4.1 Other activities

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

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

>>>

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Part V – Nesting Information

Index nesting sites or beaches for sea turtle conservation

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

Index Nesting Sites

Attach here other files relevant to this section, if required

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

>>>

Ecuador

San Lorenzo

San Lorenzo: Criteria for selection of this index beach/site

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

>>> -2.1212178

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> -81.063568

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

>>> Ministerio del Ambiente, Agua y Transición Ecológica

Extension of beach monitored (km)

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

>>> 2.2

Annual Nesting

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 >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>	30-11-2020	01-01-2020	31-12- 2020	Daily	S/D	199	205	01-09-2021
<i>Cm</i>	31-03-2020	01-01-2020	31-12- 2020	Daily	1	1	1	01-01-2021
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>								

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

>>>

La Botada

La Botada: Criteria for selection of this index beach/site

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

>>> -1.0559775

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> -80.9068646

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

>>> Ministerio del Ambiente, Agua y Transición Ecológica

Extension of beach monitored (km)

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

>>> 1,5

Annual Nesting

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 >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>	01-09-2020	01-01-2020	31-12- 2020	Daily	-	171	168	30-11-2020
<i>Cm</i>	30-03-2020	01-01-2020	31-12- 2020	Daily	1	1	1	01-01-2020
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>								

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

>>>

Playa Chocolatera

Playa Chocolatera: Criteria for selection of this index beach/site

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

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

Guidelines for selecting index beaches/sites in the IAC Region

☐ This is a site where one of the species found in the country nests at any significant level.

☒ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.

☐ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.

☒ This site includes major nesting sites already under intensive study and long-term monitoring.

☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>>

Geographic Location: Longitude

Specify longitude in decimal degrees

>>>

Declared Protected Area

Indicate if the area is declared as some type of protected area

Please select only one option

☒ Yes

☐ No

Tagging Programs

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

☒ FT

☐ ST

☐ PIT

☐ None

Additional information on tagging programs (flipper and telemetry)

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

>>>

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

Please select only one option

☐ Yes

☒ No

Tissue Sampling – additional information

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

>>>

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> Ministerio del Ambiente, Agua y Transición Ecológica

Extension of beach monitored (km)

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

>>>

Annual Nesting

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 >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>								
<i>Cm</i>								
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>								

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

>>>

Playa Tres Cruces

Playa Tres Cruces: Criteria for selection of this index beach/site

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

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

Guidelines for selecting index beaches/sites in the IAC Region

☐ This is a site where one of the species found in the country nests at any significant level.

☐ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.

☐ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.

☒ This site includes major nesting sites already under intensive study and long-term monitoring.

☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>>

Geographic Location: Longitude

Specify longitude in decimal degrees

>>>

Declared Protected Area

Indicate if the area is declared as some type of protected area

Please select only one option

☒ Yes

☐ No

Tagging Programs

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

☒ FT

☐ ST

☐ PIT

☐ None

Additional information on tagging programs (flipper and telemetry)

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

>>>

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

Please select only one option

☐ Yes

☒ No

Tissue Sampling – additional information

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

>>>

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> Ministerio del Ambiente, Agua y Transición Ecológica

Extension of beach monitored (km)

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

>>>

Annual Nesting

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 >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>	01-07-2020	07-2020	04-2020	207 tours during 9 months	-	2328 eggs	25	30-05-2021
<i>Cm</i>	09-01-2021	30-05- 2021	04-2021	207 tours during 9 months	-	365 eggs	5	30-05-2021
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>								

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

>>>

PlayaMar Bravo

PlayaMar Bravo: Criteria for selection of this index beach/site

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

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

Guidelines for selecting index beaches/sites in the IAC Region

- ☐ This is a site where one of the species found in the country nests at any significant level.
- ☐ This site hosts a significant proportion of the overall nesting population within the region or the country, even if numbers are small.
- ☐ There is significant population structure (e.g. genetics, RMUs), that represent the various segments of the regional population.
- ☒ This site includes major nesting sites already under intensive study and long-term monitoring.
- ☒ This site remains consistent as index beach from year to year and receives sufficient resources to maintain adequate and consistent monitoring.

Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

>>>

Geographic Location: Longitude

Specify longitude in decimal degrees

>>>

Declared Protected Area

Indicate if the area is declared as some type of protected area

Please select only one option

☒ Yes

☐ No

Tagging Programs

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

☒ FT

☐ ST

☐ PIT

☐ None

Additional information on tagging programs (flipper and telemetry)

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

>>>

Tissue Sampling

Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, include a table describing: date, species, type of tissue collected, general purpose (genetics, contaminant, and/or stable isotope studies, etc) and reference or report if available to the public.

Please select only one option

☐ Yes

☒ No

Tissue Sampling – additional information

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

>>>

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> Ministerio del Ambiente, Agua y Transición Ecológica

Extension of beach monitored (km)

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

>>>

Annual Nesting

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 >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>	01-06-2021	1 07-2020	30-04- 2021	207 monitoring during 9 months	-	3855 eggs	45	30-05-2021
<i>Cm</i>				207 monitoring during 9 months	-	57 eggs	1	05-2021
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>								

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

>>>

Playita (Machalilla)

Playita (Machalilla): Criteria for selection of this index beach/site

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

>>> -1.565700

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> -80.836544

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

>>> Ministerio del Ambiente, Agua y Transición Ecológica

Extension of beach monitored (km)

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

>>> 0.800

Annual Nesting

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 >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>	13-11-2019	01-10-2019	30-04- 2020	Every night				
<i>Cm</i>				Every night				
<i>Cc</i>				Every night				
<i>Ei</i>				Every night				
<i>Dc</i>				Every night				
<i>Lk</i>								

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

>>>

Quinta Playa (Galapagos)

Quinta Playa (Galapagos): Criteria for selection of this index beach/site

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

>>> -1.006857

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> -91.084548

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.

>>> First TAG 01-21-2021

Last TAG 04-08-2021

Sequence GAL17124 - GAL18648

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.

>>> Genetics
Pollutants
Stable isotopes

Organization or entity providing data

Indicate what organization or entity is providing the data

>>> Parque Nacional Galápagos

Extension of beach monitored (km)

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

>>> 2.1

Annual Nesting

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 >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>								
<i>Cm</i>	December	January 21, 2020	May 3, 2021	Daily	425	101	425	June
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>								

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

>>>

Barahona (Galapagos)

Barahona (Galapagos): Criteria for selection of this index beach/site

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

>>> -0.493254

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> -90.341502

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

>>> Parque Nacional Galápagos

Extension of beach monitored (km)

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

>>> 1.6

Annual Nesting

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 >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>								
<i>Cm</i>								
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>								

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

>>>

Las Bachas (Galapagos)

Las Bachas (Galapagos): Criteria for selection of this index beach/site

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

>>> -0.493254

Geographic Location: Longitude

Specify longitude in decimal degrees

>>> -90.341502

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

>>> Parque Nacional Galápagos

Extension of beach monitored (km)

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

>>>

Annual Nesting

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 >>>>

	Start of Nesting Season	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season nest exact count	End of Nesting Season
<i>Lo</i>								
<i>Cm</i>	December 2020	January 2021	May 2021	Daily	218	71	100	
<i>Cc</i>								
<i>Ei</i>								
<i>Dc</i>								
<i>Lk</i>								

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

>>>

Part VI – Fisheries Information

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

Longline Fisheries (Vessels >20m)

Does your country have industrial longline fisheries with vessels over 20m?

Please select only one option

☒ Yes

☐ No

You have attached the following documents to this answer.

[Ecuador Longline Industrial Fishery 2021](#) - Ecuador - Industrial longline (Date of delivery to the Secretariat - 18Oct2021) NOTE: Files added by the Secretariat

[Ecuador Longline Artisanal and Boliche Fisheries 2021](#) Ecuador - Artisanal longline and boliche (Date of delivery to the Secretariat - 18Oct2021) NOTE: Files added by the Secretariat

Instructions

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

Fleet Information (vessels > 20m)

a. Period covered: Starting and end date of the fishing operations of the year

b. Area fished: Indicate the area coordinates where shallow set and deep sets fishing operations were carried out during the last year.

c. No. of vessels that fished: Indicate the total number of vessels in the fleet in each case (deep set and shallow set), the number of vessels with observers on board, and the corresponding percentage of vessels with observers (% observed)

d. No. of trips: Indicate the total number of trips in each case (deep set and shallow set), the number of trips with observers on board, and the corresponding percentage of trips with observers onboard (% observed)

e. No. of effective fishing days: Indicate the total number of fishing days in each case (deep set and shallow set) when fishing took place, the number of fishing days with observers on board, and the corresponding percentage of fishing days with observers onboard (% observed)

f. No. of sets: Indicate the total annual number of sets in each case (deep set and shallow set), the annual number of sets with observers on board, and the corresponding annual percentage of sets with observers onboard (% observed)

g. No. of hooks (in thousands): Indicate the total annual number of hooks in each case (deep set and shallow set), the annual number of hooks with observers on board, and the corresponding annual percentage of hooks with observers onboard (% observed). If the number of hooks is unknown, then include the approximate number of hooks/set instead and note this alternative reporting using an asterisk (*)

h. Predominant hook type/size: Using the IATTC codes indicate the most common hooks (> 50%) used throughout the year as a total, and in vessels with onboard observers in each case (deep sets and shallow sets). If your Country uses a different hook notation that is not in the IATTC code, please write in with the following information:

-Type: Circle, J, or Other

-Size:

J (8 or 9)

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

-Offset: Yes or No

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

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

j. Released alive: Total number of each sea turtle species released alive in each case (shallow and deep sets)

k. Released dead: Total number of individuals of each sea turtle species released dead in each case (shallow and deep sets)

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

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

Ecuador

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.

Scientific name	Deep sets	Shallow sets	Common name
		X	Large Pelagic Fish
	X		Bacalao

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

2.1 Period Covered & Area Fished

Please enter information in the following formats:

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

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

	Shallow sets
Period Covered	January-2020 / December 2020
Area Fished	

2.2. Fleet Information - Shallow Sets

Please read the instructions before filling out this form

Codes

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

codes: SQ – squid (e.g. Cephalopods)

M – mackerel (e.g. Scomber spp.) A

– artificial lure (e.g. plastic jig) O-

other, and specify.

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

Hook notation that is not in the IATTC code

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

-**Type:** Circle, J, or Other

-**Size:**

J (8 or 9)

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

-**Offset:** Yes or No

>>> Eagle Claw 2048 16/0 non-offset

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
<i>Lepidochelys olivacea</i>			25
<i>Lepidochelys kempii</i>			
<i>Dermochelys coriacea</i>			
<i>Eretmochelys imbricata</i>			
<i>Chelonia mydas</i>			9
<i>Caretta caretta</i>			

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

>>> In 2020, the Public Institute for Research in Aquaculture and Fisheries - IPIAP, within the activities related to sea turtles, held three training workshops aimed at fishery observers from IPIAP and the Undersecretariat of Fisheries Resources, these workshops focused on the identification, rescue and first aid for sea turtles when there is interaction with the fishing gear and on filling out forms by the observer.

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
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			
No. of trips			

Hook notation that is not in the IATTC code

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

-**Type:** Circle, J, or Other

-**Size:**

J (8 or 9)

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

-**Offset:** Yes or No

»» Eagle Claw 2048 16/0 non-offset

3.3a Sea Turtle Species – Deep sets

Please read the instructions before filling out this form

	Released Alive	Released Dead	Released Condition Unknown
<i>Lepidochelys olivacea</i>			
<i>Lepidochelys kempii</i>			
<i>Dermochelys coriacea</i>			

<i>Eretmochelys imbricata</i>			
<i>Chelonia mydas</i>			
<i>Caretta caretta</i>			

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

>>>

Thank you!

Thank you, you have completed the IAC Online Report questionnaire.

We are very appreciative of the time you have taken to answer all of the questions. The PDF of this document will be published on the Annual Reports section of the IAC

website <http://www.iacseaturtle.org/informes-eng.htm>