



INTER-AMERICAN SEA TURTLE CONVENTION

IAC - Annual Report 2023

BRAZIL

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, 2023.

Translation by Haydeé Medina (IAC Secretariat)

IAC – Annual Report 2023

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

Part I – General Information

Country

Name of the country reporting

»» Brazil

Official Note

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

Are you attaching an official note?

No

1) Focal Point

1.1 Name

»» João Carlos Alciati Thomé y Angelo Paulo Sales dos Santos

1.2 Institution

»» Centro TAMAR-ICMBio- Ministerio del Ambiente

1.3 Submission Date

»» Cecilia Baptistotte

2) Agency or Institution responsible for preparing this report

2.1 Name of the person preparing this report

»» Cecilia Batistote

2.2 Name of Agency or Institution

»» Centro TAMAR (Centro Nacional de Pesquisa e Conservação de Tartarugas Marinhas e da Biodiversidade Marinha do Leste- ICMBio

2.3 Address

»» Av. Nossa Senhora dos Navegantes, 451 - Ed. PetroTower, sala 1601 - Enseada do Suá, Vitória-ES, CEP 29.050-335 - Brazil

2.4 Telephone

»» 55-27-3222 1417/ 55-27 3222 4775

2.5 E-mail

»» centrotamar@icmbio.gov.br

3) Others who participated in the preparation of this report

3.1 Others who participated in the preparation of this report

	Name	Agency or Institution	E-mail
	João Carlos Alciati Thomé	Centro TAMAR-ICMBio	joao.thome@icmbio.gov.br
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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

Yes

You have attached a document, web/URL to this answer:

[PAN_TAMAR-pdf](#) -Plano de ação nacional para a conservação das tartarugas marinhas

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
- Dermochelys coriacea
- Eretmochelys imbricata
- Caretta caretta
- Chelonia mydas

You have attached a document, web/URL to this answer:

[PAN_TAMAR-pdf](#) -Plano de ação nacional para a conservação das tartarugas marinhas

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.

Yes

» You have attached a document, web/URL to this answer:

[PAN_Tartarugas_Marinhas-livro.pdf](#)

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.

Yes

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

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

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

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

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

National Legislation

	Type and name of the legal instrument (No.)	Description (Range of application)	Sanctions(s) Imposed
	Portaria SAP/MAPA n.656	Establishes the ordering and monitoring standards for the exercise of fishing for pink shrimp (<i>Penaeus paulensis</i> , <i>Penaeus brasiliensis</i> and <i>Penaeus subtilis</i>), seven-beard (<i>Xiphopenaeus kroyeri</i>), white (<i>Penaeus</i>	

		schmitti), santana or red (Pleoticus muelleri) and redbear (Artemesia longinaris) in the SeaTerritorial and Exclusive Economic Zone in the Southeast and South regions of Brazil	

» You have attached a document, web/URL to this answer:

[P_sap_mapa_656_2022_estabelece_ordenamento_monitoramento_pesca_camarao_rosa_sete_barbas_branco_santana_vermelho_barba_ruca_sudeste_sul.pdf](#)

International Instruments

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.)

» Plano de ação nacional para la coservação das tartarugas marinhas-PAN

4) Efforts to increase IAC membership

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

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?

No

5) Exceptions under the Convention

5.1 Implementation and monitoring of exceptions established in the Convention (not answered)

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

Resolution CIT-COP6-2013-R1 Exception Guatemala and Panama (2013-2020). Resolution CIT-COP7-2015-R1 Exception Costa Rica (2015-2020).

Attach the five-year report.

No

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

If yes, attach the exception management plan

No

Part III - Compliance with IAC Resolutions

1) Sea Turtle Species Presence

1.1 Sea Turtle Species Present in the Country

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

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

2) IAC Resolutions

2.1 The following resolutions apply to this country

- Hawksbill Resolution
- Loggerhead Resolution
- Fisheries Resolution

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?

- Yes

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

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

»»»»» -Review of the national action plan for the conservation of sea turtles

-Revision of the SEA TURTLE LICENSING GUIDE - GUIDELINES FOR EVALUATION AND MITIGATION to be published next month

2. Is your country enforcing pertinent hawksbill legislation?

- Yes

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

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

»»»»» -Review of the national action plan for the conservation of sea turtles

-Revision of the SEA TURTLE LICENSING GUIDE - GUIDELINES FOR EVALUATION AND MITIGATION to be published next month

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

- Yes

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

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

»»»»» -Review of the national action plan for the conservation of sea turtles

-Revision of the SEA TURTLE LICENSING GUIDE - GUIDELINES FOR EVALUATION AND MITIGATION to be published next month

-Regular monitoring and protection for the main reproductive areas of hawksbills in Brazil

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

Yes

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.

>>> -Publication of ICMBio Ordinance No. 742, of March 9, 2023, which approves the management plan of the Lagoa do Jequiá Extraction Marine Reserve. The management plan provides a fishing exclusion area during the reproductive period of sea turtles
-Regular monitoring and protection of the main hawksbill turtle breeding areas in Brazil.

You have attached a document, web/URL to this answer:

[PORTARIA ICMBIO No 742- DE 9 DE MARCO DE 2023 -ICMBio.pdf](#) - Portaria que aprova o Plano de Manejo da Reserva Extrativista Marinha da Lagoa do Jequiá

4b. Protection of feeding habitats

Yes

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

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

>>>> -Review of the national action plan for the conservation of sea turtles
-Revision of the SEA TURTLE LICENSING GUIDE - GUIDELINES FOR EVALUATION AND MITIGATION to be published next month

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?

Yes

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

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

>>> >>> -Review of the national action plan for the conservation of sea turtles
-Revision of the SEA TURTLE LICENSING GUIDE - GUIDELINES FOR EVALUATION AND MITIGATION that will be published next month
-Regular monitoring and protection of the main reproductive areas for loggerheads in Brazil

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

Yes

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

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

>>>> >>> -Review of the national action plan for the conservation of sea turtles
-Revision of the SEA TURTLE LICENSING GUIDE - GUIDELINES FOR EVALUATION AND MITIGATION that will be published next month

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

Yes

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

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

>>>-Review of the national action plan for the conservation of sea turtles
-Revision of the SEA TURTLE LICENSING GUIDE - GUIDELINES FOR EVALUATION AND MITIGATION that will be published next month
-Regular monitoring and protection of the main reproductive areas for loggerheads in Brazil

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

Yes

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

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

»»-Review of the national action plan for the conservation of sea turtles

-Revision of the SEA TURTLE LICENSING GUIDE - GUIDELINES FOR EVALUATION AND MITIGATION that will be published next month

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

Yes

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

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

»»-Review of the national action plan for the conservation of sea turtles

-Regular monitoring and protection of the main reproductive areas for loggerheads in Brazil

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

Yes

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.

»»»-Articulation with some municipalities to adapt public lighting in some areas where sea turtles reproduce

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

Yes

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.

»»Regular monitoring and protection of the main reproductive areas for loggerheads in Brazil

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

No

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

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

»»»»Regular monitoring and protection of the main reproductive areas for loggerheads in Brazil

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?

Yes

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.

»» Collaborative work on sea turtles and the impact of tuna fisheries, within the framework of the scientists who work at ICCAT and the IOTC.

You have attached a document, web/URL to this answer:

[III Taller del Trabajo Colaborativo para evaluar la captura fortuita de Tortuga Marinas en las flotas de Palangre y Cerco en el Océano Atlántico.docx](#)

2. Does your country have observer programs?

No

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

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

»» There were few advances in 2022, such as the cooperative study within the ICCAT field, but, with the change of government, at the beginning of 2023 they are re-establishing some monitoring mechanisms that must be operationalized from now on, as a program of on-board observers and electronic monitoring of longline fisheries of the tuna fleet.

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

Yes

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.

»» An investigation was started with data on strandings and turtles tagged with transmitters satellite data with fisheries monitored by satellite tracking systems, with results promising preliminaries

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

No

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

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

»» No actions were taken regarding this point

You have attached a document, web/URL to this answer:

[P_sap_mapa_656_2022_estabelece_ordenamento_monitoramento_pesca_camarao_rosa_sete_barbas_branco_santana_vermelho_barba_ruca_sudeste_sul.pdf](#) – Fishing monitoring regulations

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

Yes

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.

»» Collaborative work on sea turtles and the impact of tuna fisheries, within the framework of the scientists who work at ICCAT and the IOTC involving 9 countries' Mitigation Measures

B. MITIGATION MEASURES

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

If the answer is **NO** please justify

Yes

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.

»» No new measures in 2022 were applied in mitigation. Longline measures continue (circular hooks and capture, handling and release strategies)

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

If the answer is **NO** please justify

Yes

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.

»» Spatial /temporal management with banning of some fisheries in priority areas for sea turtles.

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

If the answer is **NO** please justify

Yes

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

» TED for vessels 15 meters long or above. 4 months temporal bans annual in areas in front of beaches with priority nesting for LO in Sergipe.

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

If the answer is **NO** please justify

No

If yes, please indicate which fishing gears

» » No, because the most representative part of the fisheries that affect sea turtles use trawls, meshes or gillnets. The others, such as traps or purse seines, interact less and are therefore not prioritized.

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 programs were carried out for fishermen on fishing handling and release techniques incidentally caught sea turtles, carried out in Brazil in the last year

B. Socio-economic considerations

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

No

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

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

» No actions were taken on this point.

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*.

	Lo	Lk	Dc	Ei	Cc	Cm
Direct Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>
Coastal development	<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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contamination	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" 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"/>

2) Indicate the mitigation actions that apply for each species

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

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

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

	Lo	Lk	Dc	Ei	Cc	Cm
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"/>
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"/>
Research on new fishing gear technology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vessel monitoring using VMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>
Fishers trained on sea turtle safe handling and release	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Observers program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use of circle hooks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Nets are banned	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trawling is banned	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nets illumination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
None	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2.3 Direct use mitigation actions

	Lo	Lk	Dc	Ei	Cc	Cm
None	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nests relocation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Night Patrols	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Day Patrols	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Flipper Tagging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Satellite Tracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Poaching regulations in place	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>
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"/>
Livelihood alternatives 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"/>
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"/>
Exception management plan (if applies)	<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.

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

1) SATELLITE MONITORING OF SEA TURTLES

REGION - - Região de Foz do Rio Doce, en el norte de Espírito Santo, Brasil

Species: *Caretta caretta*

PTT: 20

2) SATELLITE MONITORING OF SEA TURTLES of the central port in the south of the state of Espírito Santo, Brazil

Species: *Caretta caretta*

PTT:

Implementation: 2020 - 2023

3) CHELONIUM MONITORING PROJECT USING SATELLITE TELEMETRY (PMQTS)

3D maritime seismic survey in the Espírito Santo basin

Species: *Dermochelys coriacea*

PTT: 14

Implementation: 2020 - ongoing

4) PMQTS: Monitoring of the olive ridley turtle along the Sergipe/Alagoas Sedimentary Basin (Petrobras)

Lepidochelys olivacea = 30 PTT (in execution 2022 - 2024)

5) A table with all the data from the research projects authorized by Centro TAMAR along all the Brazilian coast in 2022 through the Authorization and Information System for Biodiversity-SISBio from the Chico Mendes for the Biodiversity Conservation.

6) All publications with sea turtles in Brazil in 2022 are attached.

You have attached a document, web/URL to this answer:

Ha adjuntado a esta respuesta los documentos siguientes.

[Identificação de Áreas Críticas para Tartarugas Marinhas e sua Relação com Unidades de Conservação no Brasil - Santos et al..pdf](#) - Tartarugas Marinhas e sua Relação com Unidades de Conservação no Brasil

[Evidence of backcross inviability and mitochondrial DNA paternal leakage in sea turtle hybrids - Vilaça et al..pdf](#) - Evidence of backcross inviability and mitochondrial DNA paternal leakage in sea turtle hybrids

[Global phylogeography of ridley sea turtles \(*Lepidochelys* spp.\)- evolution, demography, connectivity, and conservation - Vilaça et al..pdf](#) - Global phylogeography of ridley sea turtles (*Lepidochelys* spp.)- evolution, demography, connectivity, and conservation

[Genetic monitoring of the critically endangered leatherback turtle \(*Dermochelys coriacea*\) in the South West Atlantic - Vargas et al..pdf](#) - Genetic monitoring of the critically endangered leatherback turtle (*Dermochelys coriacea*) in the South West Atlantic

[Tracking green turtle nesting trends at a remote oceanic rookery - Medeiros et al..pdf](#) - Tracking green turtle nesting trends at a remote oceanic rookery

[Electroacupuncture and Intrathecal Transplantation of Heterologous Adipose-derived Mesenchymal Stem Cells for Treating Spinal Cord Injury in a Loggerhead Sea Turtle \(*Caretta caretta*\) - Goldberg et al.pdf](#) - Electroacupuncture and Intrathecal Transplantation of Heterologous Adipose-derived Mesenchymal Stem Cells for Treating Spinal Cord Injury in a Loggerhead Sea Turtle (*Caretta caretta*)

[MTN 159 10-16 Breeding Biology of Green Sea Turtles Stranded in Potiguar Basin Northeastern Brazil.pdf](#) - Breeding Biology of Green Sea Turtles Stranded in Potiguar Basin, Northeastern Brazil - Fabricio et al

[Pesquisas autorizadas com os taxons do grupo TARTARUGAS MARINHAS no Brasil - Ano 2022.xlsx](#)

[Pérez et al. 2023. Evaluation of biometry and blood concentration of heavy metal in free-living.pdf](#) - Evaluation of biometry and blood concentration of heavy metals in free-living Chelonia mydas with and without bropapillomatosis in southern Brazil

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.

»»

-Technical Working Group, called Group for the Reduction of Mortality and Incidental Catches of Endangered Species in Fisheries, (GTT Incidental Catches coordinated by the Chico Mendes Institute for the Conservation of Biodiversity, with the objective of creating, improving and integrate guidelines, strategies and actions aimed at reducing the mortality of threatened marine species in different types of fishing, either by avoiding their capture or by providing mechanisms and practices that reduce post-harvest mortality.

-Bulletin of the TAMAR ICMBio MMA Center Created in Oct/2020 with the objective of expanding the communication of the TAMAR-ICMBio/MMA Center with the Network of Public and Private Institutions, Environmental Agencies and society that work on the conservation of the five species of turtles marine on the Brazilian coast, promoting greater integration and knowledge about these actions and the consequent national and international visibility of the expressive results achieved by Brazil - <https://linktr.ee/boletimcentrotamar>

-ENVIRONMENTAL EDUCATION - FOR THE CONSERVATION OF SEA TURTLES IN THE NORTHEAST OF BRAZIL -<https://linktr.ee/rederetamane>

You have attached the following documents to this response.

[Pesquisas autorizadas com os taxons do grupo TARTARUGAS MARINHAS no Brasil - Ano 2022.xlsx](#) – Authorized research with the taxons of the TARTARUGAS MARINHAS group in Brazil - Year 2022.xlsx

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.

»»

Brazil

Criteria for selection of this index beach/site:

Comboios

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

»»» -19,72640

Geographic Location: Longitude

Specify longitude in decimal degrees

»»» -39,95456

Declared Protected Area

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

Yes

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

PIT

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.

»»» In this nesting season there was a reduction in the marking effort of females due to the completion of the study of impacts of the disaster of the rupture of the Samarco mining waste dam occurred in November 2015

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.

Yes

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.

»»»» These materials are collected for genetic studies carried out by the Universidade Federal do Espírito Santo and are part of the monitoring of the impact of the waste dam burst disaster Samarco miners, which occurred in November 201

Organization or entity providing data

Indicate what organization or entity is providing the data

»» Fundação Projeto Tamar

Extension of beach monitored (km)

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

»»»20

Annual Nesting

Comboios

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 >>>> Comboios

	Year the nesting season started	Month and day the nesting season started	Year the nesting season ended	Month and day the nesting season ended	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2022	September 01	2023	March 31	September	March	daily		8	
Lk										
Dc	2022	September 01	2023	March 31	September	March	daily		48	
Ei	2022	September 01	2023	March 31	September	March	daily		6	
Cc	2022	September 01	2023	March 31	September	March	daily		600	
Cm										

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

»» In this nesting season there was a reduction in the monitoring area (from 37 km to 20 km) due to the completion of the impact study of the mine tailings dam burst disaster of Samarco occurred in November 2015

Povoacao

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

»»-19,61201

Geographic Location: Longitude

Specify longitude in decimal degrees

»»»» -37,79700

Declared Protected Area

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

Yes

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.

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.

»»» In this nesting season, there was no effort to mark females due to the end of the impact study of the disaster of the rupture of the Samarco mining waste dam that occurred in November 2015

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.

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.

»»»» In this nesting season, there was no tissue sampling effort on this beach due to the completion of the study of impacts of the disaster of the rupture of the Samarco mining waste dam occurred in November 2015. Tissue sampling efforts have focused on the beach of Comboios

Organization or entity providing data

Indicate what organization or entity is providing the data

»»» Fundação Projeto Tamar

Extension of beach monitored (km)

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

»10

Annual Nesting

Povoacao

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 >>>> Povoacao

	Year the nesting season started	Month and day the nesting season started	Year the nesting season ended	Month and day the nesting season ended	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2022	October 01	2023	March 20	October	March	daily		9	
Lk										
Dc	2022	October 01	2023	March 20	October	March	daily		7	
Ei										
Cc	2022	October 01	2023	March 20	October	March	daily		634	
Cm										

Interlagos (Previously Busca vida; Santa Maria)

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

» -12,82408

Geographic Location: Longitude

Specify longitude in decimal degrees

»»-38,223048

Declared Protected Area

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

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.

None

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.

No

Organization or entity providing data

Indicate what organization or entity is providing the data

»» Fundação Projeto Tamar

Extension of beach monitored (km)

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

»»11

Annual Nesting

Interlagos

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 >>>> Interlagos

	Year the nesting season started	Month and day the nesting season started	Year the nesting season ended	Month and day the nesting season ended	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2022	September 01	2023	March 31	September	March	daily		60	
Lk										
Dc										
Ei	2022	September 01	2023	March 31	September	March	daily		121	
Cc	2022	September 01	2023	March 31	September	March	daily		1014	
Cm										

Guarajuba (Previously Barra de Jacuibe; Guarajuba; Itacimirim)

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

»» -12,64944

Geographic Location: Longitude

Specify longitude in decimal degrees

»»» -38,064919

Declared Protected Area

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

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.

None

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.

No

Organization or entity providing data

Indicate what organization or entity is providing the data

»» Fundação Projeto Tamar

Extension of beach monitored (km)

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

»»16

Annual Nesting

Guarajuba

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 >>>> Guarajuba

	Year the nesting season started	Month and day the nesting season started	Year the nesting season ended	Month and day the nesting season ended	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2022	September 01	2023	March 31	September	March	daily		36	
Lk										
Dc										
Ei	2022	September 01	2023	March 31	September	March	daily		69	
Cc	2022	September 01	2023	March 31	September	March	daily		747	
Cm										

Praia do Forte

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

»-12,55049

Geographic Location: Longitude

Specify longitude in decimal degrees

»» -37,99060

Declared Protected Area

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

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

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.

» There was not a regular effort to for female's tagging. Only sporadic field work trips were carried out.

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.

No

Organization or entity providing data

Indicate what organization or entity is providing the data

» Fundação Projeto Tamar

Extension of beach monitored (km)

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

» 14

Annual Nesting

Praia do Forte

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 >>>> Praia do Forte

	Year the nesting season started	Month and day the nesting season started	Year the nesting season ended	Month and day the nesting season ended	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2022	September 01	2023	March 31	March	September	daily		113	
Lk										
Dc										
Ei	2022	September 01	2023	March 31	March	September	daily		155	
Cc	2022	September 01	2023	March 31	March	September	daily		760	
Cm	2022	September 01	2023	March 31	March	September	daily		32	

Farol (Previously Barra do Furado; Farol; Farolzinho; Maria Rosa)

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

»»-22,0406

Geographic Location: Longitude

Specify longitude in decimal degrees

»»-41,0478

Declared Protected Area

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

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.

None

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.

No

Organization or entity providing data

Indicate what organization or entity is providing the data

»»Porto do Açú S.A

Extension of beach monitored (km)

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

»» 31

Annual Nesting

Farol

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 >>>> Farol

	Year the nesting season started	Month and day the nesting season started	Year the nesting season ended	Month and day the nesting season ended	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo										
Lk										
Dc										
Ei										
Cc	2022	September 01	2023	March 31	September	March	daily		747	
Cm										

Berta

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

»»»» -12,72910

Geographic Location: Longitude

Specify longitude in decimal degrees

»»»» -38,14012

Declared Protected Area

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

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.

None

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.

No

Organization or entity providing data

Indicate what organization or entity is providing the data

»» Fundação Projeto Tamar

Extension of beach monitored (km)

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

»» 07

Annual Nesting

Berta

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 >>>> Berta

	Year the nesting season started	Month and day the nesting season started	Year the nesting season ended	Month and day the nesting season ended	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2022	September 01	2023	March 31	September	March	daily		5	
Lk										
Dc										
Ei	2022	September 01	2023	March 31	September	March	daily		109	
Cc	2022	September 01	2023	March 31	September	March	daily		327	
Cm										

Pipa

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

»»»» -06,22961

Geographic Location: Longitude

Specify longitude in decimal degrees

»»»» -35,048

Declared Protected Area

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

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.

None

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.

No

Organization or entity providing data

Indicate what organization or entity is providing the data

»» Fundação Projeto Tamar

Extension of beach monitored (km)

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

»» 20

Annual Nesting

Pipa

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 >>>> Pipa

	Year the nesting season started	Month and day the nesting season started	Year the nesting season ended	Month and day the nesting season ended	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2022	December 01	2023	May 31	December	May	daily		07	
Lk										
Dc										
Ei	2022	December 01	2023	May 31	December	May	daily		834	
Cc	2022	December 01	2023	May 31	December	May	daily		07	
Cm	2022	December 01	2023	May 31	December	May	daily		15	

Mangue Seco

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

»» -11,48089

Geographic Location: Longitude

Specify longitude in decimal degrees

»»» -37,36747

Declared Protected Area

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

Yes

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

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.

»» No regular effort for tagging females was made. Only night monitoring as part of the effort to reduce predation by foxes and females were tagged opportunistically.

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.

No

Organization or entity providing data

Indicate what organization or entity is providing the data

»» Fundação Projeto Tamar

Extension of beach monitored (km)

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

»» 08

Annual Nesting

Mangue Seco

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 >>>> Mangue Seco

	Year the nesting season started	Month and day the nesting season started	Year the nesting season ended	Month and day the nesting season ended	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2022	September 01	2023	March 31	September	March	daily		634	
Lk										
Dc										
Ei	2022	September 01	2023	March 31	September	March	daily		2	
Cc	2022	September 01	2023	March 31	September	March	daily		51	
Cm										

Coqueiros

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

»»-11,53528

Geographic Location: Longitude

Specify longitude in decimal degrees

»» -37,40609

Declared Protected Area

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

- Yes

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.

- 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.

»» No regular efforts for tagging females were made. Night patrols were made as part of an effort to mitigate predation by foxes and female turtles were marked opportunistically.

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.

- No

Organization or entity providing data

»»Fundação Projeto Tamar

Extension of beach monitored (km)

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

»» 06

Annual Nesting

Coqueiros

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 >>>> Coqueiros

	Year the nesting season started	Month and day the nesting season started	Year the nesting season ended	Month and day the nesting season ended	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2022	September 01	2023	March 31	September	March	daily		316	
Lk										
Dc										
Ei										
Cc	2022	September 01	2023	March 31	September	March	daily		51	
Cm										

Pirambu

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

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

Guidelines for selecting index beaches/sites in the IAC Region

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

Index Nesting Site Information

Geographic Location: Latitude

Specify latitude in decimal degrees

»»-10,70920

Geographic Location: Longitude

Specify longitude in decimal degrees

»» -36,81259

Declared Protected Area

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

Yes

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

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.

»»» No regular efforts for tagging females were made. Night patrols were made as part of an effort to mitigate predation by foxes and female turtles were marked opportunistically.

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.

No

Organization or entity providing data

Indicate what organization or entity is providing the data

» Fundação Projeto Tamar

Extension of beach monitored (km)

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

» 12

Annual Nesting

Pirambu

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 >>>> Pirambu

	Year the nesting season started	Month and day the nesting season started	Year the nesting season ended	Month and day the nesting season ended	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo	2022	September 01	2023	March 31	September	March	daily		1059	
Lk										
Dc										
Ei	2022	September 01	2023	March 31	September	March	daily		17	
Cc	2022	September 01	2023	March 31	September	March	daily		160	
Cm										

Trindade Island

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

»-20,50910

Geographic Location: Longitude

Specify longitude in decimal degrees

»-29,32494

Declared Protected Area

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

Yes

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.

None

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.

No

Organization or entity providing data

Indicate what organization or entity is providing the data

» Fundação Projeto Tamar

Extension of beach monitored (km)

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

» not filled

Annual Nesting

Trindade Island

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 >>>> Trindade Island

	Year the nesting season started	Month and day the nesting season started	Year the nesting season ended	Month and day the nesting season ended	Start of monitoring period	End of monitoring period	Survey frequency	Season females exact count	Season clutches exact count	Season number of nests
Lo										
Lk										
Dc										
Ei										
Cc										
Cm	2022	December 15	2023	April 15	December	April	daily		3089	

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?

Yes

Longline Fisheries in Brazil

Atlantic

1. Target Species

1. Target Species

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

	Common name	Scientific name	Shallow sets	Deep sets

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

2.1 Period Covered & Area Fished

Please enter information in the following formats:

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

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

	Shallow sets
Area Fished	
Period Covered	

2.2. Fleet Information - Shallow Sets

Please read the instructions before filling out this form

Codes

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

SQ – squid (e.g. Cephalopods)

M – mackerel (e.g. Scomber spp.) A

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

other, and specify.

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

Hook notation that is not in the IATTC code

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

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

-**Size:**

J (8 or 9)

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

-**Offset:** Yes or No

»»

2.3a Sea Turtle Species – Shallow sets

Number of Individuals Observed

Please read the instructions before filling out this form

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

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

»»

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

3.1 Period Covered & Area Fished

Please enter information in the following formats:

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

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

	Deep Sets
Period Covered	
Area Fished	

3.2 Fleet Information – Deep Sets

Please read the instructions before filling out this form

Codes

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

- SQ – squid (e.g. Cephalopods)
 - M – mackerel (e.g. Scomber spp.) A
 - artificial lure (e.g. plastic jig) O-
- other, and specify.

	Total Fleet	Observed	% Observed
Predominant bait type			
Predominant hook type/size			
Number of effective fishing days			
Number of trips			
Number of sets			
Number of vessels that fished			
Number of hooks (in thousands)			

Hook notation that is not in the IATTC code

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

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

-**Size:**

J (8 or 9)

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

-**Offset:** Yes or No

»»

3.3a Sea Turtle Species – Deep sets

Please read the instructions before filling out this form

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

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

Longline Fisheries (Vessels <20m)

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

Yes

Longline Fisheries Areas Brazil

Atlantic

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

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

2.1 Period Covered & Area Fished

Please enter information in the following formats:

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

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

	Shallow sets
Area Fished	
Period Covered	

2.2. Fleet Information - Shallow Sets

Please read the instructions before filling out this form

Codes

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

SQ – squid (e.g. Cephalopods)

M – mackerel (e.g. Scomber spp.) A

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

other, and specify.

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

Number of effective fishing days			
Number of trips			

Hook notation that is not in the IATTC code

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

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

-**Size:**

J (8 or 9)

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

-**Offset:** Yes or No

»»

2.3a Sea Turtle Species – Shallow sets

Number of Individuals Observed

Please read the instructions before filling out this form

	Released 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.)

»»

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

3.1 Period Covered & Area Fished

Please enter information in the following formats:

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

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

	Deep Sets
Period Covered	
Area Fished	

3.2 Fleet Information – Deep Sets

Please read the instructions before filling out this form

Codes

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

SQ – squid (e.g. Cephalopods)

M – mackerel (e.g. Scomber spp.) A

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

other, and specify.

	Total Fleet	Observed	% Observed
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 Condition Unknown
<i>Lepidochelys olivacea</i>			
<i>Caretta caretta</i>			
<i>Chelonia mydas</i>			
<i>Eretmochelys imbricata</i>			
<i>Dermochelys coriacea</i>			
<i>Lepidochelys kempii</i>			