



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

### **IAC – ANNUAL REPORT 2021**

# **CHILE**

#### 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](mailto:secretario@iacseaturtle.org)

The submission deadline for this Annual Report is April 30th, 2021.

Translation by Luz Helena Rodriguez – IAC Secretariat

## Part I – General Information

Country

Name of the country reporting

>>> Chile

### Official Note

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

Are you attaching an official note?

*Please select only one option*

☐ Yes

☒ No

### 1) Focal Point

1.1 Name

>>> Lezlie Camila Bustos

1.2 Institution

>>> Subsecretaria de Pesca y Acuicultura

1.3 Submission Date

>>> JUNE 27, 2021

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

2.1 Name of the person preparing this report

>>> Lezlie Camila Bustos Molina

2.2 Name of Agency or Institution

>>> Subsecretaria de Pesca y Acuicultura

2.3 Address

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2.5 E-mail

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

3.1 Others who participated in the preparation of this report

Name	Agency or Institution	E-mail
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## Part II – Policy and Management

### 1) General description of activities

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

Please select the options that best apply for your country and provide the link to the corresponding document if available online. If it is in progress add the date is expected to be finalized in the corresponding section.

1.1 The country has a national strategy/plan for the conservation of sea turtles in accordance with Article XVIII.

Please upload the file or attach the links to the corresponding documents using the blue box icons beneath each question  
*Please select only one option*

- ☐ Yes  
☐ No  
☒ In Progress

### Species Management Plan

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

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

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

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

### Strategy/plan in progress

Date to be finalized  
>>>2021

Provide details on the progress  
>>>

1.2 Does your country have policies and programs at local and regional scales in accordance with Article XVIII?

Please attach the list of policies and programs and other information relevant to their adoption or implementation.  
*Please select only one option*

- ☒ Yes  
☐ No  
☐ In Progress

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

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

- ☒ Yes  
☐ No  
☐ In Progress

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

Describe any national regulations, international agreements and other legal instruments related to sea turtles and/or relevant activities that were adopted during the preceding year (**30 April 2020 – 30 April 2021**).

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

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

**Countries that have previously submitted this information;** please provide information for any changes that have occurred since your country's last report submission (2020).

## National Legislation

Type and name of the legal instrument (No.)	Description (Range of application)	Sanctions Imposed
Regulation on imaging devices for monitoring and inspection of discards and bycatch (sea turtles, marine mammals, and sea birds).	D.S.N 76 2015. Establishes specific requirements for fishing gear or gear, rights and obligations of users. The implementation in all fleets of the industrial sector was carried out in 2020	Incorporated in the General Law of Fishing and Aquaculture
Resolutions establishing the mandatory return of sea turtles within the framework of the Discard Law	For each fishery subject to a discard reduction Program and Plan, the mandatory return of bycatch was established, meaning sea turtles, birds and marine mammals. Applies to artisanal and industrial fleets	Sanctions established in the General Law on Fisheries and Aquaculture, Article 40 letter C, 111 letter A, 111 letter B and 113.

You have attached the following links/URL to this answer

[ELECTRONIC MONITORING](#)

## International Instruments

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

### 3) Actions to comply with National and International Mandate

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

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

»» 1. Annual monitoring of highly migratory fisheries

2. Programs and plans for the quantification of discards and bycatch

3. Preparation of annual protocols for sea turtles handling and release

4. Program for the rescue, rehabilitation and reinsertion of sea turtles

Electronic monitoring system in industrial fleets in 2020, for monitoring and inspection of protocols and plans to reduce discard and bycatch

5. Annual On-Board Observers Program

### 4) Efforts to increase IAC membership

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

*Please select only one option*

☐ Yes (list countries below)

☒ No

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

*Please select only one option*

☐ Yes (list countries below)

☒ No

### 5) Exceptions under the Convention

5.1 Implementation and monitoring of exceptions established in the Convention

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

»» Does not apply to Chile

## Part III - Compliance with IAC Resolutions

### 1) Sea Turtle Species Presence

#### 1.1 Sea Turtle Species Present in the Country

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

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

#### Additional Notes

Include other information, if required

>>>

### 2) IAC Resolutions

#### 2.1 The following resolutions apply to this country

☒ Eastern Pacific Leatherback Turtle Resolution

☐ Hawksbill Resolution

☒ Loggerhead Resolution

☐ Northwest Atlantic Leatherback Resolution

☒ Fisheries Resolution

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

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

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

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

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

>>> -Discard and bycatch reduction programs in all national fisheries

-On-board observer programs in national fisheries

-Protocols for sea turtle handling and release, in artisanal and industrial fishing operations

-Electronic monitoring in industrial fisheries since 2020

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

*Please select only one option*

☐ Yes

☒ No

☐ Does not apply

### **Please indicate the period of validity of these plans**

>>> Only with the framework of bycatch

-Discard and bycatch reduction programs in all national fisheries

-On-board observer programs in national fisheries

-Protocols for sea turtles handling and release, in artisanal and industrial fishing operations

-Electronic monitoring in industrial fisheries since 2020

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

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

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

*Please select only one option*

☐ Yes

☐ No

☒ Does not apply

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

>>>

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

*Please select only one option*

☐ Yes

☐ No

☒ Does not apply

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

>>>

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

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

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

>>> Regulations that make returning sea turtles mandatory, during fishing operations, using handling and release protocols in both the fishing and industrial sectors. The regulations will require vessels to carry the necessary tools onboard to untangle, remove hooks, or address other type of interaction with the fishing gear.

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

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

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

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

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

>>> -Discard and bycatch program in all national fisheries

- Onboard observer's programs in national fisheries

- Protocols for sea turtles handling and release, in artisanal and industrial fishing operations

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

*Please select only one option*

☐ Yes

☒ No

☐ Does not apply

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

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

>>> Only national programs for Chile

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

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

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

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

>>> all are annual programs

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

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

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

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

>>> Decree 225 of 1995 protects from extraction all sea turtles found in our jurisdictional waters for 30 years. This means that they cannot be captured as a target resource, therefore conservation actions focus on reducing bycatch.

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

*Please select only one option*

☐ Yes

☐ No

☒ There are no nesting beaches in the country

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

*Please select only one option*

☐ Yes

☐ No

☒ There are no nesting beaches in the country

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

*Please select only one option*

☐ Yes

☐ No

☒ There are no nesting beaches in the country

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

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

>>>

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

*Please select only one option*

☐ Yes

☒ No

☐ Does not apply

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

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

>>>



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

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

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

1. Does your country collect information by fishery?

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

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

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

>>> Discard and bycatch reduction programs in all national fisheries.

On-board observer programs in national fisheries.

Protocols for the handling and release of sea turtles, in artisanal and industrial fishing operations.

Electronic monitoring in industrial fisheries since 2020.

2. Does your country have observer programs?

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

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

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

>>> The main artisanal and industrial fisheries have monitoring programs with observers on board. These monitoring and surveys are annual and collect biological information of the fishery from fishing operations

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

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

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

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

>>> Monitoring program for highly migratory resources, ecosystem approach

-Onboard observers program

-Electronic monitoring in the industrial fleet since 2020.

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

*Please select only one option*

☐ Yes

☒ No

☐ Does not apply

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

>>>

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

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

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

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

>>> Through the IAC-IATTC MoU

## B. Mitigation measures

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

If the answer is **NO** please justify

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

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

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

>>> Preparation of protocols for sea turtle handling and mandatory release for all fishing gear.

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

If the answer is **NO** please justify

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

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

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

>>> Preparation of protocols for sea turtle handling and mandatory release for all fishing gear.

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

If the answer is **NO** please justify

*Please select only one option*

☐ Yes

☐ No

☒ Does not apply

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

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

>>>

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

If the answer is **NO** please justify

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

If yes, please indicate which fishing gears

>>> Preparation of protocols for sea turtle handling and mandatory release for all fishing gear.

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

>>> Scheduled for 2021

## C. Socio-economic considerations

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

*Please select only one option*

☒ Yes

☐ No

☐ Does not apply

>>> Through the National Institute for Sustainable Development for artisanal fishing INDESPA and Regional Governments

## 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 kempi*

Dc = *Dermochelys coriacea*

Ei = *Eretmochelys imbricate*

Cc = *Caretta caretta*

Cm = *Chelonia mydas*.

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

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

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

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

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

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

## 2.2 Direct use mitigation actions

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

### 3) Research

#### 3.1 Types of research

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

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

>>> Annual report of sea turtle stranding events 2020.

Mauricio Ulloa- National Manager Stranding-SERNAPESCA

You have attached the following documents to this answer.

[Sea Turtle stranding events report 2020](#)

### 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.

>>> No

.

## 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.

>>>

## 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](mailto:secretario@iacseaturtle.org)

### Longline Fisheries (Vessels >20m)

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

*Please select only one option*

☒ Yes

☐ No

### Instructions

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

### Fleet Information (vessels > 20m)

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

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

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

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

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

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

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

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

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

-**Size:**

J (8 or 9)

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

-**Offset:** Yes or No

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

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

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

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

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

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

### Chile Pacific

#### 1. Target Species

##### 1. Target Species

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

Scientific name	Deep sets	Shallow sets	Common name
Xiphias gladius		X	Pez espada or albacora

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

##### 2.1 Period Covered & Area Fished

Please enter information in the following formats:

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

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

	Shallow sets
Period Covered	Industrial fleet did not operate in 2020
Area Fished	

##### 2.2. Fleet Information - Shallow Sets

Please read the instructions before filling out this form

#### Codes

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

codes: SQ – squid (e.g. Cephalopods)

M – mackerel (e.g. Scomber spp.)A

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

other, and specify.



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

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

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

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

-**Size:**

J (8 or 9)

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

-**Offset:** Yes or No

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### 2.3a Sea Turtle Species – Shallow sets

Number of Individuals Observed

Please read the instructions before filling out this form

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

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

>>>

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

### 3.1 Period Covered & Area Fished

Please enter information in the following formats:

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

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

	Deep sets
Period Covered	
Area Fished	

### 3.2 Fleet Information – Deep Sets

Please read the instructions before filling out this form

### Codes

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

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

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

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

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

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

-**Size:**

J (8 or 9)

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

-**Offset:** Yes or No

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### 3.3a Sea Turtle Species – Deep sets

Please read the instructions before filling out this form

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

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

>>>

### Region II (por ejemplo Pacific)

#### Atlantic (Region)

#### 1. Target Species

#### 4. 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

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

### 5.1 Period Covered & Area Fished

Please enter information in the following formats:

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

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

	Shallow sets
Period Covered	
Area Fished	

### 2.2. Fleet Information - Shallow Sets

Please read the instructions before filling out this form

#### Codes

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

codes: SQ – squid (e.g. Cephalopods)

M – mackerel (e.g. Scomber spp.) A

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

other, and specify.

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

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

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

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

-**Size:**

J (8 or 9)

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

-**Offset:** Yes or No

»» Eagle Claw 2048 16/0 non-offset

## 2.3a Sea Turtle Species – Shallow sets

### Number of Individuals Observed

Please read the instructions before filling out this form

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

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

>>>

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

### 6.1 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	

### 6.2 Fleet Information – Deep Sets

### 6.3 Please read the instructions before filling out this form

#### Codes

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

SQ – squid (e.g. Cephalopods)

M – mackerel (e.g. Scomber spp.) A

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

other, and specify.

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

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

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

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

-**Size:**

J (8 or 9)

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

-**Offset:** Yes or No

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### 6.4a Sea Turtle Species – Deep sets

Please read the instructions before filling out this form

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

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

>>>

### Thank you!

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

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

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