



# Inter-American Convention for the Protection and Conservation of Sea Turtles Second Conference of the Parties

*November, 16<sup>th</sup> – 18<sup>th</sup>, 2004 – Isla de Margarita, Venezuela*

## First Annual Report Form **[Translation]**

### Directory

Country	Guatemala
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### Focal Point

Institution: National Council of Protected Areas

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Date: \_\_\_\_\_



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## 1. Biological Information

### 1.1. Species present

Species	Pacific Ocean	Atlantic Ocean	Caribbean Sea
	Phase(s)	Phase(s)	Phase(s)
<i>Lepidochelys olivacea</i>	R,F		D
<i>Lepidochelys kempii</i>	-		-
<i>Dermochelys coriacea</i>	R		-
<i>Eretmochelys imbricata</i>	D		R
<i>Chelonia mydas</i>	R,F		-
<i>Caretta caretta</i>	-		R

Phases: R = Reproduction; F = Foraging; M = Migration; D = Phase Unknown

### 1.2. Important sites for sea turtle conservation

	Name of Site	Species (s)	Season	Geographic Location (Lat/Long)	Area (km or hectares, if applicable)	Protection Category	Observations*
NESTING SITE PACIFIC	PACIFIC NAVAL BASE	LO	JUN-FEB		ND	NONE	
	EL CONACASTE	LO	JUN-FEB	13°55.887' 90°39.636'	ND	NONE	
	EL NARANJO	LO	JUN-FEB		ND	NATIONAL PARK	
	EL PAREDÓN	LO	JUN-FEB		ND	NATIONAL PARK	
	EPQ	LO	JUN-FEB	13°55.919' 90°46.673'	ND	NONE	
	RAMA BLANCA	LO	JUN-FEB		ND	NONE	
	SIPACATE	LO	JUN-FEB		ND	NATIONAL PARK	
	EL JIOTE	LO,DC	JUN-FEB	13°46.835' 90°12.915'	ND	NONE	
	LA BARRONA	LO, DC	JUN-FEB	13°46.254' 90°11.138'	ND	NONE	
	AQUAMESA-MAR AZUL	LO	JUN-FEB		ND	NONE	
	EL CHICO	LO	JUN-FEB		ND	NONE	
	OCÓS	LO	JUN-FEB		ND	NONE	
	TILAPA	LO	JUN-FEB	14°29.69' 92°10.642'	ND	NONE	
CANDELARIA	LO, DC	JUN-FEB	13°54.587' 90°33.260'	ND	NONE		



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	EL AHUMADO	LO	JUN-FEB		ND	NONE	
	EL BANCO	LO	JUN-FEB	13°54.161' 90°31.518'	ND	NONE	
	EL CHAPETÓN	LO	JUN-FEB		ND	NONE	
	EL GARITÓN	LO, DC	JUN-FEB	13°55.184' 90°36.316'	ND	NONE	
	EL ROSARIO	LO, DC	JUN-FEB	13°50.915' 90°22.133'	ND	MULTIPLE USE AREA	
	HAWAI	LO, DC	JUN-FEB	13°51.805' 90°24.349'	ND	MULTIPLE USE AREA	
	LAS LISAS	LO	JUN-FEB		ND	NONE	
	MONTE RICO	LO, DC	JUN-FEB	13°53.377' 90°28.997'	ND	MULTIPLE USE AREA	
	CHURIRÍN	LO	JUN-FEB		ND	NONE	
	EL TRIUNFO	LO	JUN-FEB		ND	NONE	
	TECOJATE	LO	JUN-FEB		ND	NONE	
<b>ATLANTIC</b>	JALOA	Ei, Cc	OCT-MAY ¿?			WILDLIFE REFUGE	
	SAN FCO. DEL MAR	Ei, Cc	OCT-MAY ¿?			WILDLIFE REFUGE	
<b>FORAGING SITE PACIFIC</b>	POZA DEL NANCE	CM, Ei	ALL YEAR			NATIONAL PARK	
	TULATE	CM	ALL YEAR			NONE	
<b>ATLANTIC</b>	BAHÍA LA GRACIOA	Ei, Cc	ALL YEAR			WILDLIFE REFUGE	
<b>MIGRATORY ROUTES</b>							

THE MAIN ACTIVITY CARRIED OUT IN GUATEMALA REVOLVES AROUND HATCHERIES LOCATED AT DIFFERENT BEACHES THROUGHOUT THE COUNTRY, MAINLY IN THE PACIFIC. 97% OF THE INFORMATION REPORTED REFERS TO *LEPYDOCHELYS OLIVACEA*. USING THE FIELD DATA COLLECTED BETWEEN 1999-2004, THE NUMBER OF NESTS WAS ESTIMATED FOR EACH NESTING BEACH AND IS SUMMARIZED BELOW.

HATCHERY	PROVINCE	EGGS RELOCATED	HATCHLINGS RELEASED	HATCHING SUCCESS	ESTIMATED
					NO. OF NESTS 99-04
TECOJATE	SUCHÍTEPEQUEZ	1904	1671	87.76	173
EL TRIUNFO	SUCHÍTEPEQUEZ	664	603	90.81	60
CHURIRÍN	SUCHÍTEPEQUEZ	932	613	65.77	56
MONTE RICO	SANTA ROSA	28757	25494	88.65	2614
LAS LISAS	SANTA ROSA	44407	42378	95.43	4037
HAWAII	SANTA ROSA	71836	63796	88.81	6531



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EL ROSARIO	SANTA ROSA	9493	8512	89.67	863
EL GARITÓN	SANTA ROSA	16303	13522	82.94	1482
EL CHAPETÓN	SANTA ROSA	21508	20323	94.49	1955
EL BANCO	SANTA ROSA	7052	6497	92.13	641
EL AHUMADO	SANTA ROSA	6257	5685	90.86	569
CANDELARIA	SANTA ROSA	7985	6889	86.27	726
TILAPA	SAN MARCOS	2213	1611	72.80	201
OCOS	SAN MARCOS	2108	1886	89.47	192
EL CHICO	RETALHULEU	730	612	83.84	66
AQUAMESA-MAR AZUL	RETALHULEU	1564	1333	85.23	142
LA BARRONA	JUTIAPA	7928	7367	92.92	721
EL JIOTE	JUTIAPA	8730	8218	94.14	794
JALOA	IZABAL	4570	0	0.00	N/A
SIPACATE	ESCUINTLA	3242	2920	90.07	295
RAMA BLANCA	ESCUINTLA	12000	7000	58.33	1091
EPQ	ESCUINTLA	1242	822	66.18	113
EL PAREDON	ESCUINTLA	5670	4180	73.72	515
EL NARANJO	ESCUINTLA	7052	5552	78.73	641
EL CONACASTE	ESCUINTLA	11393	10644	93.43	1036
BANAPAC	ESCUINTLA	8323	6730	80.86	757
<b>TOTAL</b>		<b>293544</b>	<b>255177</b>	<b>86.93</b>	<b>26686</b>

THE ESTIMATED ANNUAL AVERAGE NUMBER OF NESTS FOR ALL PACIFIC BEACHES ARE:

<b>SEASON</b>	<b>TE</b>	<b>NN</b>	<b>NH</b>
1999-2000	528,790	4,807	1,923
2000-2001	839,100	7,628	3,051
2001-2002	519,100	4,719	1,888
2002-2003	535,700	4,870	1,948
2003-2004	367,590	3,342	1,337
<b>TOTAL</b>	<b>1,886,990</b>	<b>17,154</b>	<b>6,862</b>

TE: TOTAL NUMBER OF EGGS DEPOSITED ON THE BEACH ESTIMATED FROM THE TOTAL NUMBER OF EGGS RELOCATED TO THE HATCHERIES, WHICH IS KNOWN AS 10% OF THE TOTAL

NN: TE/110 EGGS

NH: NUMBER OF FEMALES ESTIMATED BY NN/2.5 (THE AVERAGE REMIGRATION PER SEASON)



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### 2. Information regarding the use derived from sea turtles

	Types of use	Specie	Products	Ocean Basin	Origin*		Estimated annual quantity	Information source	Actions
					L	I			
<b>Consumptive Use</b>	Domestic	Lo	Eggs	Pacific	L		327,387-755,190	See Bibliography	Improved control
	Domestic	Ei, Cc	Meat	Caribbean		I	ND	Field trips	
<b>Non-consumptive</b>	Tourism	Lo, Dc, Ei, Cc		Pacific, Caribbean	L				

\* L = legal, I = illegal

### 3. Main threats

#### 3.1 Habitat and other threats

Threats	Specie(s) Affected	Size of Impact	Geographic Region(s) Affected	Information Source	Actions
Infrastructure development	Lo, Dc, Ei, Cm, Cc	Not quantified	Caribbean and Pacific	Field trips	Apply Environmental Impact Evaluations and Mitigation measures
Erosion	Lo, Dc, Ei, Cm, Cc	Area of influence of Port Companies	Caribbean and Pacific	Field trips	Mitigation plans for impacts. ISO Certification for port management.
Vehicles on the beach	Lo, Dc	Not quantified	Mainly Pacific	Field trips	Apply regulations and presence of authorities.



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**3.2 Capture (Intentional/incidental)**

<b>Threats</b>	<b>Specie(s) Affected</b>	<b>Size of Impact</b>	<b>Geographic Region(s) Affected</b>	<b>Information Source</b>	<b>Actions</b>
Inadequate use of TEDs	Dc, Lo	EEZ	Pacific	See Bibliography	Better control in open ocean.
Capture of species by artesinal and industrial longlines fishing mahi mahi, tuna and shark	Dc, Lo	EEZ	Pacific	See Bibliography	Searching for technology that reduces incidental capture

**4. Legal Framework**

**4.1. International instruments**

<b>Treaty, Convention, Agreements, Memorandum of Understanding</b>	<b>Year signed and/or ratification</b>
Convention of the Eastern Hemisphere	R: 1942
Convention on International Trade in Endangered Species of Wild Flora and Fauna (CITES)	R: 1979
Constitutive Convention of the Latin American Organization for Fisheries Development.	S: 1982
United Nations Convention on the Law of the Sea.	S: 1982 R. 1994
Convention for the protection and development of the marine environment of the Wider Caribbean	S: 1983
Convention on Wetlands of International Importance especially as Waterfowl Habitat (RAMSAR)	S: 1988
Central American Convention for the Protection of the Environment	S: 1989
Cartagena Convention (Protocol concerning oil spills)	R: 1989
Convention for the Conservation of the Biodiversity and Protection of Priority Wilderness Areas in Central America.	S: 1992
Convention on Biological Diversity	R: 1995



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### 4.2. National legislation

Type and name of legal instrument (No.)	Description (Range of application)	Sanction(s) Imposed
Fisheries Law Decree 1235 (no longer in effect)	Contained considerations for sea turtle harvest, regulated hunting seasons and techniques, minimum permissible size, forbid stocking or capture of nesting females. Established a 3 year closure for the capture, commercialization and consumption of sea turtle eggs.	
presidential agreement October 26th, 1971	declared the closure of the capture, circulation and commercialization of the green turtle ( <i>Chelonia mydas</i> ) and her eggs for the protection of this species	Linked to current Fisheries Law
presidential agreement October 1976	These same measures were extended for 5 more years	Linked to current Fisheries Law
Un-numbered governmental agreement from 17/02/1981	annuls the previous agreement mentioned (1976) and prohibits "for an indefinite amount of time, the capture circulation and commercialization of all species of sea turtles that inhabit and reproduce on the Guatemalan Coasts". In addition, this agreement promotes the creation of hatcheries in different areas of the country to encourage ecological aspects and the reproduction of the diverse species of sea turtles.	Linked to current Fisheries Law
Law of Protected Areas, Congressional Decree 4-89 of the Republic of Guatemala	Regulates everything related to the use and management of protected areas and wildlife, including the CITES species (art. 25). CONAP has legislation directly and indirectly pertaining to Sea Turtles.	Prison time from 5 to 10 years and economic sanctions that range between US\$ 1300-2600
Ministerial Agreement 039-96, (annulled)	makes the use of Turtle Excluder Devices (TEDs) mandatory for those who possess shrimp licenses	Linked to current Fisheries Law
Fisheries Law (Decree 80-2002)	the use of TEDs acquires a greater legal status, because the law considers sea turtle protection through the use of these devices, as well as establishes stronger sanctions	Economic sanctions and loss of license. The fines range between US\$ 2,600-10,000
Ministerial Agreement 46-2005	Regulates the use of turtle excluder devices in the fishing technique of shrimp trawlers, similar to that established in 1996	Linked to current Fisheries Law
General Hunting Law Decree 36-04	Regulates all synergistic species that support sea turtle protection	



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### 4.3. Indicate any legal instruments that are currently in the process of being approved.

PRESENTLY, THE APPROVAL AND PUBLICATION OF THE GENERAL HUNTING LAW REGULATION AND THE KINEGETIC CALENDER, WHICH INCLUDES SPECIFIC SEA TURTLE PROTECTION, IS PENDING.

SINCE 2002, THE CREATION AND PUBLICATION OF THE FISHERIES LAW REGULATION (DECREE 80-2000) HAS BEEN PENDING, WHICH ALSO INCLUDES ELEMENTS OF PROTECTION FOR SEA TURTLES.

### 4.4. Public and private institutions involved in sea turtle conservation

- INSTITUTIONS OF THE NATIONAL SEA TURTLE CONSERVATION ADVISORY GROUP (GATM).

Institution/ Entity	Responsibilities
1. PACIFIC NAVAL BASE –BANAPAC-	CONTROL AND OCEAN PATROLS
2. ATLANTIC NAVAL BASE –BANATLAN-	CONTROL AND OCEAN PATROLS
3. WILDLIFE CONSERVATION AND RESCUE ASSOCIATION–ARCAS-	HATCHERY MANAGEMENT
4. ASSOCIATION GREMIAL OF NON TRADITIONAL PRODUCT EXPORTERS–AGEXPRONT-	HATCHERY MANAGEMENT
5. FRIENDS OF THE FOREST ASSOCIATION	HATCHERY MANAGEMENT
6. CENTER FOR CONSERVATION STUDIES –CECON-	HATCHERY MANAGEMENT
7. SCHOOL OF BIOLOGY, UNIVERSIDAD DE SAN CARLOS DE GUATEMALA	RESEARCH
8. NATIONAL FOREST INSTITUTE INAB	HATCHERY MANAGEMENT
9. NATIONAL FISHERIES UNIT –UNIPESCA-	HATCHERY MANAGEMENT/ COUNTRY’S FISHERIES REGULATING ENTITY/ TED / CONTROL AND PATROLS
10. MARIO DARY FOUNDATION –FUNDARY-	MANAGEMENT OF PROTECTED AREAS AND HATCHERIES
11. FOUNDATION FOR ECODEVELOPMENT AND CONSERVATION –FUNDAECO-	MANAGEMENT OF PROTECTED AREAS AND HATCHERIES
12. GUATEMALAN HIGH SCHOOL- AUSTRÍACO	HATCHERY MANAGEMENT
13. CENTER FOR OCEAN AND AQUICULTURE STUDIES –CEMA-	RESEARCH RELATED TO FISHERIES AND AQUICULTURE
14. NATIONAL CIVIL POLICE, THROUGH THE NATURE PROTECTION SERVICE –SEPRONA-	CONTROL AND PATROLS
15. FACULTY OF VETERINARIAN MEDICINE AND ZOOLOGY OF THE UNIVERSIDAD DE SAN CARLOS.	RESEARCH
16. NATIONAL COUNCIL ON PROTECTED AREAS –CONAP-	MANAGEMENT OF PROTECTED AREAS AND WILDLIFE

### 5. Exceptions

Programs involving extractive use (include Management Plan)





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### 6. Conservation Efforts

#### 6.1 General description of the sea turtle protection and conservation program

THE PREPERATION OF THE NATIONAL SEA TURTLE MANAGEMENT AND CONSERVATION STRATEGIC PLAN (ENTM) RESULTED FROM THE GROWING NEED TO ORGANIZE THE USE, MANAGEMENT AND CONSERVATION OF SEA TURTLES BY DIFFERENT INSTITUTIONS AND INDIVIDUALS WORKING IN THIS FIELD, ORGANIZED WITHIN THE NATIONAL SEA TURTLE ADVISOR GROUP OF THE NATIONAL COUNCIL OF PROTECTED AREAS (CONAP). THE METHODOLOGY APPLIED TOOK INTO CONSIDERATION THE GATHERING OF FIELD DATA IN ORDER TO PERFORM THE ANALYSIS AND HOLDING PARTICIPATIVE WORKSHOPS WITH INTERESTED ACTORS, THUS RESULTING IN THE APPROVED STRATEGY WITH ITS RESPECTIVE ACTION PLAN.

THE COMPLETE PROCESS INCLUDED THE PREPERATION OF THE FOLLOWING DOCUMENTS: NATIONAL ANALYSIS, THE STRATEGY AND ITS ACTION PLAN, AND LASTLY THE LEGISLATION FOR THEIR USE AND MANAGEMENT. THROUGHOUT THE PROCESS, THE LEVELS OF PARTICIPATION WERE SATISFACTORY, WITH THE PARTICIPATION OF 74 INDIVIDUALS (20 WOMEN AND 54 MEN) REPRESENTING A TOTAL OF 18 GOVERNMENTAL AND NON-GOVERNMENTAL INSTITUTIONS, UNIVERSITIES AND REPRESENTATIVES FROM COASTAL COMMUNITIES (FIGURE 2).

GUATEMALA'S STRATEGIC PLAN (ENTM) HAS A CLEARLY ESTABLISHED MISSION AND VISION THAT IS SUPPORTED BY SEVEN PRINCIPLES AND FIVE POLICIES, EACH POLICY HAVING ITS OWN UNIQUE STRATEGIES FOR A TOTAL OF 12, AND EACH STRATEGY HAS ITS OWN SPECIFIC ACTIONS, WHICH IN TOTAL ARE 39. THESE ACTIONS SHOULD BE CARRIED OUT OVER A PERIOD OF NO MORE THAN 10 YEARS, THOSE RESPONSIBLE, RELEVANT ACTORS AND AN ESTABLISHED TIME FRAME HAVE BEEN DEFINED FOR EACH OF THESE ACTIONS. FINALLY, IN ORDER FOR THE MAJORITY OF THESE ACTIONS TO BE VIABLE, LEGISLATION FOR THE USE, MANAGMENT AND CONSERVATION OF THE SEA TURTLES WAS CREATED WITHIN THE ESTABLISHED NATIONAL LEGAL FRAMEWORK, AND TAKING INTO CONSIDERATION THOSE INTERNATIONAL CONVENTIONS AFFECTING THIS GROUP OF ANIMALS.

IN TERMS OF THE RELATIVE IMPORTANCE OF EACH POLICY, RESEARCH AND MONITORING (I&M); EDUCATIONAL PUBLICITY AND OUTREACH (DEE); AND CONSERVATION AND MANAGEMENT TRAINING (CCM) EACH HAVE 10 ACTIONS. FOLLOWED BY, MANAGEMENT AND COORDINATION (GC) HAVING 5 ACTIONS AND LEGISLATION (L) HAVING 4. THE MAJORITY OF THE ACTIONS ARE CONCENTRATED WITHIN THE FIRST THREE YEARS OF IMPLEMENTATION OF THE ENTM. CONGRUENTLY, THE I&M POLICY LOOKS TO GENERATE BACIC AND FUNDAMENTAL INFORMATION TO FURTHER DEVELOP THE OTHER TWO IMPORTANT POLICIES (DEE AND CCM) AS PRIMARY AXIS IN DEVELOPING THE NATIONAL CAPACITY FOR THE ADECUATE MANAGEMENT OF THIS RESOURCE.

#### 6.2 Relevant Projects and Activities

PROJECT/ACTIVITIES	GENERAL OBJECTIVE	RESULTS OBTAINED	DURATION	
			FROM	UNTIL
WORKSHOP TO REVISE AND VALIDATE THE DOCUMENT "TECHNICAL GUIDELINES FOR HATCHERY MANAGEMENT IN GUATEMALA"	TO MAKE AVAILABLE A VALID, PUBLISHED MANUAL IN ORDER TO STANDARDIZE MANAGEMENT	PUBLISHED MANUAL	2000	2000
WORKSHOP ON MANAGING THE OFFICIAL DOCUMENTATION FOR THE COMMERCIALIZATION OF SEA TURTLE EGGS	DETERMINE CONTROL MECHANISMS FOR COMMERCIALIZAION	MANAGEMENT MECHANISM FOR VALIDATING ESTABLISHED COMMERCIALIZATION	2000	PERMANENT



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PROJECT/ACTIVITIES	GENERAL OBJECTIVE	RESULTS OBTAINED	DURATION	
			FROM	UNTIL
COORDINATE GATM MEETINGS	COORDINATE THE PERFORMANCE OF SPECIFIC ACTIONS AND REPORT ON PROGRESS	COORDINATED ACTIVITIES UNDER SPECIFIC CRITERIA AND DEFINED DIVERSE PROJECTS	2001	PERMANENT
NESTING SEASON INAGURATIONS 2002-2003	TO CREATE AWARENESS IN THE LOCAL COASTAL POPULATIONS REGARDING THE MAIN TURTLE NESTING SEASON ON THE PACIFIC COAST OF GUATEMALA	INAGURATIONS WITH PARTICIPATION OF GENERAL SOCIETY	2002	PERMANENT
PROJECT: PRODUCE THE NATIONAL SEA TURTLE CONSERVATION AND MANAGEMENT STRATEGY (ENTM) AND INITIATE IMPLEMENTATION	CREATE A NATIONAL STRATEGY FOR SEA TURTLES	PRODUCTION AND OFFICIAL APPROVAL OF DOCUMENT	2001	PERMANENT
PROJECT: ENTM IMPLEMENTATION AND CONTINUITY	DIVULGE ENTM AND INITIATE RESEARCH UNDER THESE CRITERIA	ENTM DISCLOSED AND 2 GRADUATE THESIS WORKS DONE	2002	2005
PROJECT: TO DEVELOP SEA TURTLE MANAGEMENT AND CONSERVATION IN HATCHERIES AND ALONG PACIFIC BEACHES OF GUATEMALA	SUPPORT CONTROL AND PATROLLING ACTIONS ON BEACHES. CHARACTERIZE THOSE HATCHERIES ALONG THE PACIFIC COAST	RESULTS PUBLISHED	2003	2004
REGIONAL SEA TURTLE PROTECTION STRATEGY FOR THE CARIBBEAN GUATEMALA	DEVELOP ACTIONS AND SPECIFIC ACTIVITIES FOR THE PROTECTION OF SEA TURTLES IN THE CARIBBEAN	REGIONAL STRATEGY CREATED	2003	PERMANENT
INTEGRATED RESEARCH, SUSTAINABLE USE AND MONITORING PROGRAM FOR SEA TURTLES ALONG THE GUATAMALAN COASTS	SUPPORT THE ENTM THROUGH GENERATING THE NECESSARY INFORMATION TO MAKE CONSERVATION AND MANAGEMENT DECISIONS FOR THE SEA TURTLES IN THE COUNTRY.	CREATION OF SEA TURTLE GENETIC RESEARCH PROJECTS. ADVISING IN THE DEVELOPMENT OF GRADUATE THESIS. CREATION AND PUBLICATION OF TECHNICAL DOCUMENTS.	2003	PERMANENT
INSPECTION FOR APPROPRIATE USE OF TEDs (UNIPESCA AND NAVAL BASES)	COMPLY WITH THE LEGAL MANDATE TO USE TEDs ON THE COUNTRY'S SHRIMP TRAWLING FLEET	COMPLETED MORE THAN 2,000 INSPECTIONS ON LAND. CARRIED OUT INSPECTIONS AT SEA.	1999	PERMANENT
LAND PATROLS AND CONTROL ACTIONS (SEPRONA-CONAP)	COMPLY WITH EXISTING NATIONAL SEA TURTLE REGULATIONS	PATROL BEACHES. CREATE OPERATIVES TO COMBAT TRAFFICKING OF SEA TURTLE EGGS	1999	PERMANENT



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PROJECT/ACTIVITIES	GENERAL OBJECTIVE	RESULTS OBTAINED	DURATION	
			FROM	UNTIL
SEA TURTLE MANAGEMENT IN THE COUNTRY	SUPPORT THE SEA TURTLE PROTECTION AND CONSERVATION ACTIONS BY MANAGING AND INCUBATING EGGS UNDER SEMI-CONTROLLED CONDITIONS FOR HATCHLING RELEASE.	BETWEEN 13 AND 25 HATCHERIES ARE UP AND RUNNING IN DIFFERENT PARTS OF THE COUNTRY WITH PARTICIPATION FROM 16 INSTITUTIONS. INCLUDING GO, NGO, PRIVATE INITIATIVES AND SUPPORT ORGANIZATIONS	APPROXIMATELY SINCE THE 70'S	PERMANENT
NATIONAL FISHING HOOK EXCHANGE PROGRAM (UNIPESCA-WWF-CIAT)	ENCOURAGE THE USE OF CIRCULAR HOOKS OVER J HOOKS.  DEMONSTRATE THE RESULTS OF THIS CHANGE THROUGH THE COMPILATION OF FIELD DATA.	EXCHANGED APPROXIMATELY 2,000 J HOOKS FOR CIRCULAR.  CARRIED OUT CLOSE TO 18 OBSERVATION TRIPS FOR DATA COLLECTION.  TRAINING WORKSHOPS FOR THE SOCIETY AS A WHOLE, TRAINING PROGRAMS FOR ONBOARD OBSERVERS.	2004	PERMANENT

### 7. International Cooperation

INTERNATIONAL COOPERATION SUPPORTS THE DEVELOPMENT OF SPECIFIC PROJECTS THROUGH VERY SMALL DONATIONS, BOTH FINANCIAL AND OF THEIR TIME, GEARED TOWARDS DIFFERENT ORGANIZATIONS OF THE CIVIL SOCIETY.

PRESENTLY, THE STRONGEST INTERNATIONAL SUPPORT IS PROVIDED BY CIAT AND WWF FOR THE HOOK EXCHANGE PROGRAM.



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### 8. National Directory

INSTITUTION	RESPONSIBLE	CONSERVATION EFFORTS	GEOGRAPHIC AREA /SPECIALTY	TELEPHONE
LIC. FERNANDO ROSALES L.	HATCHERY ADMINISTRATION	LAS LISAS, EL CHAPETÓN, EL AHUMADO.		3622002/ 3621950
DRA. LIGIA DE LEÓN	HATCHERY ADMINISTRATION	OCÓS AND TILAPA		7751537
	HATCHERY ADMINISTRATION	RETALHULEU		
COLUM MUCCIO	HATCHERY ADMINISTRATION	HAWAI AND EL ROSARIO		4784096
COMANDANTE LUIS JOB	CIVIL MATTERS	NAVAL BASE		8881056
LICDA. ENMA DIAZ	IN CHARGE OF PROGRAM	BIOLOGICAL CORRIDOR		5121550
LIC. JORGE RUÍZ	RNUMM ADMINISTRATION	MONTERRICO		3310904
LIC. LUIS FRANCO	RESEARCH	HYDROBIOLOGICAL REC.		4762206
ERNEST MAIRS	HATCHERY MANAGEMENT	EL GARITÓN		2610208 Y 2610245 / 2610224
LIC.. HIRAM ORDOÑEZ	DIRECTION OF WILDLIFE	WILDLIFE ADMINISTRATION		2380000
DR. EDWIN MORATAYA	ADMINISTRATION OF PNSN AND HATCHERIES	EL CHICO, TECOJATE PNSN, CHURIRÍN EL TRIUNFO.		7713781
M. V. VÍCTOR LÓPEZ	REGIONAL DELEGATION	IZABAL		
ELMER BARRERA	FINANCIAL SUPPORT	SPORT FISHING		3330042
CARLOS SAMAYOA	AWARENESS AND ADMINISTRATION OF HATCHERIES	ESCUINTLA, EPQ.		8791555, EXT. 323
LIC. FERNANDO DIAZ	RESEARCH	WILDLIFE		4769856
DR. LUIS MORALES, DR. CARLOS ALFARO.	RESEARCH	WILDLIFE		4420534
ING. ANTONIO FIÓN	FINANCES	ENVIRONMENT		5122905
FONACON	INGA. IVONNE RAMÍREZ	FINANCES	WILDLIFE AND PROTECTED AREAS	3394692



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INSTITUTION	RESPONSIBLE	CONSERVATION EFFORTS	GEOGRAPHIC AREA /SPECIALTY	TELEPHONE
FUNDAECO	LIC. MARCO VINICIO CEREZO	ENVIRONMENTAL EDUCATION	PNSN	4404605 / 4404615
FUNDARY	JEAN LUC BETOULLE	ADMINISTRATION OF ZPEPM	PUNTA DE MANABIQUE	2323230
ICADS	LUIS GIRÓN	GUARENES	EL BANCO, EL CONACASTE	5324131
MAGA	LICDA. MA. JOSÉ ITURBIDE	ADVISOR TO VICE-MINISTER	ENVIRONMENT AND NATURAL RESOURCES	
PROBIOMA	LICDA. REGINA SÁNCHEZ	RESEARCH	COASTS OF GUATEMALA	3336758
PROBIOMA	MARIO ROBERTO JOLON MORALES	RESEARCH/ INTERNATIONAL CONVENTIONS/BIODIVERSITY MANAGEMENET	NACIONAL TERRITORY	52061867
SEPRONA	COMISARIO BRAULIO CARDONA	CONTROL AND POLICING	NATIONAL TERRITORY	3371409
UNIPESCA	DR. NICOLÁS ACEVEDO	INSPECTION OF TED´S, HATCHERY ADMINISTRATION	HIGH SEAS, EL JIOTE	
VOLUNTARIADO USAC	DANIEL SALAZAR	CONTROL AND PATROLLING AND AWARENESS	WILDLIFE	2329374

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DATA BASES OF CONAP, PROBIOMA AND UNIPESCA



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### 10. Annexes

**DETAILED INFORMATION ON THE CONTROL AND PATROLLING ACTIONS CARRIED OUT TO COMPLY WITH THE EXISTING LEGISLATION FOR THE PROTECTION OF SEA TURTLES.**

#### **ANNEX I. INSPECTIONS CARRIED OUT BY UNIPESCA IN HIGH SEAS FROM MARCH OF 2001 TO MARCH OF 2004 AND THEIR RESULTS.**

INSPECTION NO.	NUMBER OF BOATS BOARDED	ADEQUATE USE	USE NOT ADEQUATE	DATE
1	3	3	0	15/03/2001
2	5	5	0	23/03/2001
3	19	19	0	15-16/05/2001
4	5	5	0	18/07/2001
5	14	13	1	12-13/09/2001
6	4	4	0	20/02/2002
7	6	6	0	10/06/2002
8	6	2	4	11/08/2002
9	12	12	0	29/10/2002
10	7	7	0	15/11/2002
11	8	8	0	12/12/2002
12	4	4	0	30/01/2003
13	9	9	0	30-31/07/2003
14	9	9	0	28/10/2003
15	7	7	0	23/12/2003
16	11	11	0	24/03/2004

SOURCE: DATA BASES OF UNIPESCA, INFORMATION FROM FIELD AND COMMISSION REPORTS.



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### ANNEX II. CONTROL AND PATROLLING ACTIONS ON LAND BY CONAP.

TYPE OF ACTIVITY	IUNSTITUTION RESPONSIBLE	PLACE	DATE	EGGS CONFISCATED	OBSERVATIONS
HATCHERY INSPECTION	CONAP AND SEPRONA	LA BARRONA, GARITÓN, CONACASTE, LAS LISAS, MONTERRICO, HAWAI, EL ROSARIO.	07-09/07/2003	0	SUPERVISION
HIGHWAY OPERATIVE	CONAP AND SEPRONA	TAXISCO HIGHWAY	10/07/2003	0	INSPECTED 12 BUSES AND 5 PICK UPS.
INSPECTION OF CHALET	CONAP AND SEPRONA	NESTING AREA (SOUTHERN COAST)	19/08/2003	0	INSPECTION DUE TO ACCUSATION
HIGHWAY OPERATIVE	CONAP AND SEPRONA	ROUTE TO TAXISCO	11/09/2003	0	INSPECTED 10 BUSES, 7 PICK UPS AND 1 TRUCK; FOUND 50 DZ. EGGS WITH LICENSE.
HIGWAY OPERATIVE	CONAP AND SEPRONA	HIGHWAY LAS LISAS	12/09/2003	0	INSPECTED 12 BUSES AND 3 PICK UPS. FOUND 20 DZ. EGGS WITH LICENSE.
HIGWAY OPERATIVE	CONAP AND SEPRONA	PANAMERICAN ROUTE TO CHIQUIMULILLA	30/09/2003	0	INSPECTED 8 BUSES AND 5 PICK UPS.
HIGWAY OPERATIVE	CONAP	LA HORQUETA, CRUCE TO NVA. CONCEPCIÓN. TQUISATE, ESC.	09/09/2004	0	CONTROL OF TRAFFICKING AND ILLEGAL POSSESSION OF WILD FAUNA AND FLORA.
HIGWAY OPERATIVE	CONAP	CHAMPERICO, CROSSING TO CABO BLANCO. RETALHULEU	13/09/2004	0	CONTROL OF TRAFFICKING AND ILLEGAL POSSESSION OF WILD FAUNA AND FLORA.
HIGHWAY OPERATIVES, CONTROL OF EGG DONATIONS	CONAP	PLAYA TILAPA. OCÓS, SAN MARCOS.	20/09/2004	0	CONTROL OF TRAFFICKING AND ILLEGAL POSSESSION OF WILD FAUNA AND FLORA.





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TYPE OF ACTIVITY	IUNSTITUTION RESPONSIBLE	PLACE	DATE	EGGS CONFISCATED	OBSERVATIONS
HIGHWAY OPERATIVES	CONAP AND SEPRONA	HIGHWAY TO LAS LISAS	24/09/2004	0	INSPECTED 9 BUSES AND 10 PICK UPS. FOUND 12 DZ. EGGS WITH THEIR RECEIPTS FOR COMMERCIALIZATION.
HIGHWAY OPERATIVES	CONAP	ENTRANCE NVO. SAN CARLOS. HIGHWAY COATEPEQUE, RETALH.	29/09/2004	0	CONTROL OF TRAFFICKING AND ILLEGAL POSSESSION OF WILD FAUNA AND FLORA.
HIGHWAY OPERATIVES	CONAP AND SEPRONA	HIGHWAY TO TAXISCO	30/09/2004	0	CONTROL OF TRAFFICKING AND ILLEGAL POSSESSION OF WILD FAUNA AND FLORA. INSPECTED 12 BUSES, 5 PICK UPS AND 5 TRUCKS; FOUND 65 (LAS LISAS), 174 (HAWAI) AND 198 (EL CHAPETÓN) DZS. OF EGGS. ALL WITH THEIR RESPECTIVE RECEIPTS
HIGHWAY OPERATIVES	CONAP AND SEPRONA	CENTER NO. 1, LA MÁQUINA. SUCHITEPÉQUEZ.	05/10/2004	0	CONTROL OF TRAFFICKING AND ILLEGAL POSSESSION OF WILD FAUNA AND FLORA.
HATCHERY INSPECTION	CONAP AND SEPRONA	HATCHERY BARRA DEL JIOTE	13/10/2004	0	INSPECTION OF CONSTRUCTION. RELOCATED 770 EGGS AND RELEASED 593.

**SOURCE: COMPILATION AND DATABASE PROVIDED BY PROBIOMA.**