

### Yemen

## **GENERAL INFORMATION**

#### Agency or institution primarily responsible for the preparation of this report:

Environment Protection Authority Republic of Yemen

Other agencies, institutions, or NGOs that have provided input:

# **Designated Focal Point:**

Abdullah Hamod Ahmed Abo-alfotooh Focal Point Marine Turtles Memorandum Director General Biodiversity and Protected Area P.O Box :18280 Sanaa

Tel: (+967) 777105756 Fax: (+967) 1470247

Yemen

E-mail: alfotooh.abdullah@gmail.com

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# **OBJECTIVE I. REDUCE DIRECT AND INDIRECT CAUSES OF MARINE TURTLE MORTALITY**

## 1.1 Introduction to marine turtle populations and habitats, challenges and conservation efforts. [INF]

Several workers have studied turtles of the Arabian region including Hirth & Carr (1970), and Ross & Barwam (1981). Turtles of the Gulf of Aden coast of Yemen were accounted for few studies, e.g. Watt (1996). A total of 6 species of sea turtle have been reported to nest within the CZM Areas. The most common species in the CZM Areas is the Green turtle (*Chelonia mydas*) followed by the Hawksbill turtle (*Eretmochelys imbricata*) (Plate 24d) and Loggerhead turtle (*Caretta caretta*). The other species observed include the Olive Ridley turtle (*Lepidochelys olivacea*), Leatherback turtle (*Dermochelys coriacea*), and Flat-backed turtle (*Natator depressus*). While not all six turtle species were observed during the 2005 surveys, they have all been observed in the CZM Areas on more than one occasion, and their presence was confirmed by several authors (Ross & Barwani 1981, Frazier 1987, Almansi 1999, Pilcher 2001), although Leatherbacks and Flat-backed turtles have not been sighted recently.

The coastline in CZM Area 02 has been identified as the second most important nesting site for Green turtles in the Indian Ocean and is therefore of global significance. Formerly around 10,000 females are believed to have nested in this area each year but this is thought to have now dwindled to a fraction of this number. In total four species of turtles are reported to nest there, although only two probably nest there regularly.

The peak-nesting season is thought to be between July and September, however turtles continue to nest throughout the rest of the year. Counts of nesting pits along Sharma beach, using 10 random 20 m x 20 m quadrats, in November 1995 revealed that pit density ranged between 53 and 69 pits per 400 m2, with an average of 61 pits per 400 m2. In December 2003 the number of nesting pits ranged between 11 and 34 pits per 400 m2 with an average of 25 pits per 400m2. On the Jethmun beach, there were between 25 and 37 pits per 400m2, with an average of 29 pits per 400m2. This indicates that there may have already been a decline in the number of turtles nesting on these beaches, but also

demonstrates the importance of the Jethmun coastline as well as the Sharma coastline.

In CZM Area 01 there is a significant turtle nesting beach to the south of Burum, and a large number of lower density nesting beaches scattered throughout the Bir Ali????Belhaf area, particularly around Bir Ali. The rapid growth of Bir Ali over the past few years has the potential to pose a serious threat to these nesting areas.

Killing of turtles and damage to nests by feral dogs, and illegal poaching of both adult turtles and eggs by humans, are very serious threats. Introduction of effective control measures is urgently required: although guards have been introduced at Sharma and Jethmun beaches, a high number of turtles are still being killed.

All of the species found in the CZM Areas are listed on the IUCN Red List of Threatened Species, with the exception of the Flatbacked Turtle due to a lack of data. The other species are at very high risk of extinction in the wild in the near future and are listed "Endangered". This categorization is based upon an observed, estimated, inferred or suspected reduction of at least 50% or more over the last 10 years or three generations, whichever is the longer, based on direct observation, an index of abundance or actual or potential levels of exploitation. Leatherback turtles are at extremely high risk of extinction in the wild in the immediate future and are listed as "Critically Endangered" based upon a reduction of least 80% over the last 10 years or three generations.

1.2.1 Describe any protocol or approaches practiced in your country, which you consider exemplary, for minimising threats to marine turtle populations and their habitats, which may be suitable for adaptation and adoption elsewhere. [BPR]

We have drafted the Coastal Zone Management Plan (2007 - 2011) for BIR ALI - BURUM AND SHARMA - JETHMUN but not active until now. There is an agreement between EPA and private sector to enter and to manage the protected area in SHARMA - JETHMUN in south yemenie coast.

1.3.1 Describe any socio-economic studies or activities that have been conducted among communities that interact with marine turtles and their habitats. [BPR, INF]

Not yet

1.3.2 Which of these adverse economic incentives are underlying threats to marine turtles in your country? [TSH]
☐ High prices earned from turtle products relative to other commodities
□ Lack of affordable alternatives to turtle products
Ease of access to the turtle resource (eg. by virtue of proximity or ease of land/water access)
■ Low cost of land near nesting beaches
☐ Low penalties against illegal harvesting
■ Other1:
□ Other2:
☐ Other3:
■ None of the above or Not Applicable
Some of customs and traditions in south yemenie coast
1.3.3 Has your country has taken any measures to try to correct these adverse economic incentives? [BPR]
▼YES  NO  NOT APPLICABLE (no adverse economic incentives exist)

1.4.1 Indicate, and describe in more detail, the main fisheries occurring in the waters of your country, as well as any high seas fisheries in which flag vessels of your country participate, that could possibly interact with marine turtles. [INF]

a) Shrimp trawls:
b) Set gill nets: ■ YES 「NO
c) Anchored Fish Aggregating Devices (FADs):    □ YES ■ NO
d) Purse seine (with or without FADs):
e) Longline (shallow or deepset): ■ YES □ NO
yellow fin tuna and sardena
f) Driftnet:   YES ■ NO
g) Other1:
h) Other2:
<b>☐ None of the above</b>
1.4.2 Please indicate the relative level of fishing effort and perceived impact of each of the above fisheries on marine turtles (e.g. in terms of by-catch). [TSH]
a) Shrimp trawls
Fishing effort:  RELATIVELY HIGH MODERATE RELATIVELY LOW NONE UNKNOWN
Perceived Impact:  RELATIVELY HIGH  MODERATE  RELATIVELY LOW  NONE  UNKNOWN
Source:
b) Set gill nets
Fishing effort:  RELATIVELY HIGH MODERATE RELATIVELY LOW NONE UNKNOWN  Perceived Impact:
RELATIVELY HIGH MODERATE RELATIVELY LOW NONE UNKNOWN  Perceived Impact:
RELATIVELY HIGH MODERATE RELATIVELY LOW NONE UNKNOWN  Perceived Impact:  RELATIVELY HIGH MODERATE RELATIVELY LOW NONE UNKNOWN

RELATIVELY HIGH Perceived Impact:	☐ MODERATE	☐ RELATIVELY LOW	□ NONE □ UNKNOWN
•	☐ MODERATE	☐ RELATIVELY LOW	FNONE FUNKNOWN
Source:			
d) Purse seine (wit	h or without F	(ADs)	
Fishing effort:			
☐ RELATIVELY HIGH	☐ MODERATE	$\ \ \square$ relatively low	□ NONE □ UNKNOWN
Perceived Impact:			
☐ RELATIVELY HIGH	MODERATE	☐ RELATIVELY LOW	FNONE FUNKNOWN
Source:			
e) Longline (shallo	w or deepset)		
Fishing effort:			
☐ RELATIVELY HIGH	MODERATE	■ RELATIVELY LOV	<b>N</b> □NONE □UNKNOWN
Perceived Impact:			
☐ RELATIVELY HIGH	MODERATE	■ RELATIVELY LOV	<b>№</b> FNONE FUNKNOWN
Source: Ministry of Fis	heries Wealth		
f) Driftnet			
Fishing effort:			
☐ RELATIVELY HIGH	☐ MODERATE	$\ \ \square$ relatively low	□ NONE □ UNKNOWN
Perceived Impact:			
☐ RELATIVELY HIGH	MODERATE	☐ RELATIVELY LOW	FNONE FUNKNOWN
Source:			
g) Other1 (from 1.4	4.1):		
Fishing effort:			
RELATIVELY HIGH	☐ MODERATE	☐ RELATIVELY LOW	□ NONE □ UNKNOWN
Perceived Impact:			
RELATIVELY HIGH	MODERATE	☐ RELATIVELY LOW	FNONE FUNKNOWN
Source:			
h) Other2 (from 1.4	4.1):		
Fishing effort:			
_	☐ MODERATE	□ RELATIVELY LOW	FNONE FUNKNOWN
Perceived Impact:			
· ·	☐ MODERATE	☐ RELATIVELY LOW	□ NONE □ UNKNOWN
Source:			

1.4.3 Describe any illegal fishing that is known to occur in or around the waters of your country that may
impact marine turtles. Describe the measures being taken to deal with this problem and any difficulties
encountered in this regard. [TSH]

Yes. We have settled the monitoring programme by using GPS mobiles.

1.4.4 Which of the following methods are used by your country to minimise incidental capture/mortality of marine turtles in fishing activities? [IND]
a) <b>Appropriate handling</b> of incidentally caught turtles (e.g. resuscitation or release by fishers using equipment such as de-hooking, line cutting tools and scoop nets)
■YES NO NOT APPLICABLE
b) Devices that allow the escape of marine turtles (e.g. turtle excluder devices (TEDs) or other measures that are comparable in effectiveness)
TYES ■ NO T NOT APPLICABLE
c) Measures to avoid encirclement of marine turtles in purse seine fisheries
TYES TNO ■ NOT APPLICABLE
d) Appropriate combinations of hook design, type of bait, depth, gear specifications and fishing practices
TYES TNO ■ NOT APPLICABLE
e) Monitoring and recovery of fish aggregating devices (FADs)
■ YES F NO F NOT APPLICABLE
f) Net retention and recycling schemes
FYES FNO ■ NOT APPLICABLE
g) Spatial and temporal control of fishing (e.g. seasonal closures of fishing activities)
TYES TNO ■ NOT APPLICABLE
h) Effort management control
TYES TNO ■ NOT APPLICABLE
Cother (list and explain):
□ None of the above

1.4.5 Which of the following programmes has your country developed - in consultation with the fishin	g
industry and fisheries management organisations - to promote implementation of measures to minimis	e
incidental capture and mortality of turtles in national waters and in the high seas? [IND]	

incidental capture and mortality of turtles in national waters and in the high seas? [IND]
Onboard observer programmes
□ YES ■ NO □ NOT APPLICABLE
Vessel monitoring systems
TYES ■ NO T NOT APPLICABLE
Inspections (i.e. at sea, in port, at landing sites)
FYES ■ NO F NOT APPLICABLE
Training programmes / workshops to educate fishers
□ YES ■ NO □ NOT APPLICABLE
Informative videos, brochures, printed guidelines etc.
□ YES ■ NO □ NOT APPLICABLE
Other (list and explain):
□ YES □ NO □ NOT APPLICABLE
■ None of the above
1.4.6 Are the mitigation measures described in 1.4.4 and 1.4.5, periodically reviewed and evaluated for their efficacy? [SAP]
YES ■ NO UNSURE
1.4.7 In your country, what types of data collection, research and development have been undertaken to support the reduction of marine turtle incidental catch (while taking into consideration the impact of various mitigation measures on other species)? [SAP]
Interview fishemen only
1.4.8 Has your country exchanged information and provided technical assistance (formally or informally) to other Signatory States to promote the activities described in 1.4.4, 1.4.5 and 1.4.7 above? [SAP]
■ YES F NO F UNSURE
Yemen is a member of PERSGA. We have participated in the convention and protocol biodiversity etc.

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1.4.9 What legislative and practical measures has your country taken in support of UN General Assembly Resolution 46/215 concerning the moratorium on the use of large-scale driftnets? [SAP]
The Military of File of a Military to the second of the FAM of the

The Ministry of Fisheries Wealth has implemented the FAW roles 1.5.1 Does your country have legislation to prohibit direct harvest and domestic trade in marine turtles, their eggs, parts and products; and to protect important turtle habitats? [IND] □YES □NO □UNSURE 1.5.2 Which, among the following list, are economic uses and cultural values of marine turtles in your country? Please rate the relative prevalence / importance of each consumptive or non-consumptive use. [INF] USES / **RELATIVE PREVALENCE / VALUES IMPORTANCE** Meat consumption Γ YES **■ NO** ☐ HIGH ☐ MODERATE ☐ LOW ☐ UNKNOWN **Egg consumption** ☐ HIGH ☐ MODERATE ☐ LOW ☐ UNKNOWN **Shell products** ☐ HIGH ☐ MODERATE ☐ LOW ☐ UNKNOWN **Fat consumption** ☐ HIGH ☐ MODERATE ☐ LOW ☐ UNKNOWN Traditional medicine ☐ HIGH ☐ MODERATE ☐ LOW ☐ UNKNOWN YES ■ NO **Eco-tourism programmes** ☐ YES **■ NO** ☐ HIGH ☐ MODERATE ☐ LOW ☐ UNKNOWN Cultural / traditional significance ☐ HIGH ☐ MODERATE ☐ LOW ☐ UNKNOWN

Other

1.5.3 Please indicate the rel [IND, TSH]	lative level and imp	act of traditional harvest or	n marine turt	les and their eggs.
Level of harvest:				
☐ RELATIVELY HIGH	MODERATE	☐ RELATIVELY LOW	☐ NONE	T UNKNOWN
Impact of harvest:				
☐ RELATIVELY HIGH	MODERATE	☐ RELATIVELY LOW	☐ NONE	☐ UNKNOWN
Source of information:				
1.5.4 Have any domestic n harvest? [SAP]	nanagement progr	ammes been established to	o limit the le	evels of intentional
□YES □NO □UNKNOWN				
1.5.5 Describe any manag relation to sustainable leve conservation efforts. [BPR]				
1.6.1 First, select one of t following measures in place estimate the relative effecti	to minimise the m	ortality of eggs, hatchlings	ot your cour and nesting	ntry has any of the females. If yes, then
MEASURES		RELATIVE EFFECT	IVENESS	
Monitoring/protection prog	grammes			
EVEC ENG ENVA				
TYES TNO TN/A		FEXCELLENT FGOOD FI	LOW T UNKN	OWN
Education/awareness prog	rammes	□ EXCELLENT □ GOOD □ I	LOW   UNKN	OWN
	rammes	□ EXCELLENT □ GOOD □ I		
Education/awareness prog	rammes			
Education/awareness prog	rammes			
Education/awareness prog  ☐ YES ☐ NO ☐ N/A	rammes		LOW □ UNKN	OWN
Education/awareness prog  ☐ YES ☐ NO ☐ N/A  Egg relocation/hatcheries	rammes	「EXCELLENT 「GOOD 「I	LOW □ UNKN	OWN
Education/awareness prog  ☐ YES ☐ NO ☐ N/A  Egg relocation/hatcheries	rammes	「EXCELLENT 「GOOD 「I	LOW □ UNKN	OWN
Education/awareness prog  ☐ YES ☐ NO ☐ N/A  Egg relocation/hatcheries  ☐ YES ☐ NO ☐ N/A	rammes	「EXCELLENT 「GOOD 「I	LOW ☐ UNKN	OWN

□YES □NO □N/A	□ EXCELLENT □ GOOD □ LOW □ UNKNOWN
Removal of debris / clean-up	
□YES □NO □N/A	□ EXCELLENT □ GOOD □ LOW □ UNKNOWN
Re-vegetation of frontal dunes	
□YES □NO □N/A	□ EXCELLENT □ GOOD □ LOW □ UNKNOWN
Building location/design regulations	
□YES □NO □N/A	FEXCELLENT FGOOD FLOW FUNKNOWN
Light pollution reduction	
□YES □NO □N/A	FEXCELLENT FGOOD FLOW FUNKNOWN
Other (list and rate them)	
□YES □NO □N/A	
1.6.2 Has your country undertaken any evaluati [SAP]	on of its nest and beach management programmes?
▼YES    ▼NO    ▼NOT APPLICABLE	
	AND REHABILITATE MARINE TURTLE HABITATS
	abitats outside of established protected areas? (NB: It is ed protected areas will have been described in Section
2.1.2 Are assessments routinely made of the e on marine turtles and their habitats? [IND, SAP]	nvironmental impact of marine and coastal development
□YES □NO □NOT APPLICABLE	
	e debris) monitored near turtle habitats? If yes, describe
the nature of this monitoring and any remedial  ☐ YES ☐ NO ☐ NOT APPLICABLE	measures that may have been taken. [SAP]
, ILS , NO , NOT AFFLICABLE	

2.1.4 Are measures in place to prohibit the use of poisonous chemicals and explosives? [SAP]
□YES □NO □NOT APPLICABLE
2.2.1 Are efforts being made to recover degraded coral reefs? If yes, give details (location, duration, effectiveness, lessons learned, future plans etc). [IND, SAP]
☐ YES ☐ NO ☐ NOT APPLICABLE (no degraded coral reefs)
2.2.2 Are efforts being made to recover degraded mangrove habitats that are important for turtles? If yes, give details (location, duration, effectiveness, lessons learned, future plans etc.) [IND, SAP]
□ YES □ NO □ NOT APPLICABLE (no mangrove habitats important for turtles)
2.2.3 Are efforts being made to recover degraded sea grass habitats? If yes, give details (location, duration, effectiveness, lessons learned, future plans etc.). [IND, SAP]
□ YES □ NO □ NOT APPLICABLE (no degraded sea grass habitats)
OBJECTIVE III. IMPROVE UNDERSTANDING OF MARINE TURTLE ECOLOGY AND POPULATIONS THROUGH RESEARCH, MONITORING AND INFORMATION EXCHANGE
3.1.1 Give a list of available literature that includes baseline information from studies carried out in your country on marine turtle populations and their habitats. [INF]
3.1.2 Have long-term monitoring programmes (i.e. of at least 10 years duration) been initiated or planned for priority marine turtle populations frequenting the territory of your country? [IND, BPR]
TYES TNO TUNSURE
3.1.3 Has the genetic identity of marine turtle populations in your country been characterised? [INF, PRI]
□ YES □ NO □ UNSURE
3.1.4 Which of the following methods have been or are being used to try to identify migration routes of turtles? Use the text boxes to provide additional details. [INF, PRI]
Tagging   ☐ YES   ☐ NO
Satellite tracking
~
□ Other
, Ouici

None of the above	
	n carried out on marine turtle population dynamics and survival rates (e.g. survival rates of incidentally caught and released turtles)? [INF, PRI]
□YES □NO □UNSURE	
3.1.6 Has research been PRI]	conducted on the frequency and pathology of diseases in marine turtles? [INF,
□YES □NO □UNSURE	
3.1.7 Is the use of tradition	onal ecological knowledge in research studies being promoted? [BPR, PRI]
□YES □NO □UNSURE	
	sub-regional action plans in which your country is already participating, which identifying priority research and monitoring needs. [INF]
the text boxes to descri	lowing themes have collaborative studies and monitoring been conducted? Use the nature of this international collaboration or to clarify your response. s/monitoring undertaken do not involve international collaboration. [INF, PRI]
a) Genetic Identity	□YES □NO □NOT APPLICABLE
b) Conservation status	□ YES □ NO □ NOT APPLICABLE
c) Migrations	□ YES □ NO □ NOT APPLICABLE
d) Other biological and	Even Eve Even
ecological aspects	□ YES □ NO □ NOT APPLICABLE
┌ Other	
	riority, the marine turtle populations in your country in need of conservation r population trends. [PRI]

3.3.2 Are research and monitoring activit reviewed and evaluated for their efficacy?		d above in Section 3	3.1 periodically	
□YES □NO □UNSURE				
3.3.3 Describe how research results are be of threats (in relation to the priority popular)			and mitigation	
3.4.1 Has your country undertaken any initiatives (nationally or through collaboration with other Range States) to standardise methods and levels of data collection? [BPR, INF]				
TYES TNO TUNSURE				
3.4.2 To what extent does your country exother Range States? [SAP, IND]	change scientific and technic	cal information and	expertise with	
☐ OFTEN (SYSTEMATICALLY)	COCCASIONALLY	☐ RARELY	☐ NEVER	
3.4.3 If your country shares scientific and what mechanisms have commonly be benefits/outcomes achieved through these	een used for this purpo			
3.4.4 Does your country compile and make of a regional interest? [INF]	available to other countries	data on marine turt	le populations	
□YES □NO □UNSURE				
OBJECTIVE IV. INCREASE PUBLIC AT THEIR HABITATS, AND ENHANCE P	UBLIC PARTICIPATION	IN CONSERVATI	ON ACTIVITIES	
4.1.1 Describe the educational materials country has collected, developed and/or d		Iformation program	mes that your	
4.1.2 Which of the following groups have be programmes described in above in Section		used education and	awareness	
☐ Policy makers				
☐ Fishing industry ☐ Local/Fishing communities				
☐ Indigenous groups ☐ Tourists				
☐ Media				
☐ Teachers ☐ Students				
☐ Military, Navy, Police ☐ Scientists				
☐ Other:				
■ None of the above				

4.1.3 Have any community learning / information centres been established in your country? [BPR, SAP] $\Gamma$ YES $\Gamma$ NO
4.2 Alternative livelihood opportunities [IND, BPR] Describe initiatives already undertaken or planned to identify and facilitate alternative livelihoods (including income-generating activities) for local communities.
4.3.1 Describe initiatives already undertaken or planned by your country to involve local communities, in particular, in the planning and implementation of marine turtle conservation programmes. Please include details of any incentives that have been used to encourage public participation, and indicate their efficacy. [BPR, IND]
4.3.2 Describe initiatives already undertaken or planned to involve and encourage the cooperation of Government institutions, NGOs and the private sector in marine turtle conservation programmes. [IND, BPR]
OBJECTIVE V. ENHANCE NATIONAL, REGIONAL AND INTERNATIONAL COOPERATION
5.1.1 Has your country undertaken a national review of its compliance with Convention on International Trade in Endangered Species (CITES) obligations in relation to marine turtles? [SAP]
□YES □NO □NOT APPLICABLE
5.1.2 Does your country have, or participate/cooperate in, CITES training programmes for relevant authorities? [SAP]
TYES TNO TNOT APPLICABLE
5.1.3 Does your country have in place mechanisms to identify international illegal trade routes (for marine turtle products etc.)? Please use the text box to elaborate on how your country is cooperating with other States to prevent/deter/eliminate illegal trade. [SAP]
□YES □NO □NOT APPLICABLE
5.1.4 Which international compliance and trade issues related to marine turtles has your country raised for discussion (e.g. through the IOSEA MoU Secretariat, at meetings of Signatory States etc.)? [INF]
5.1.5 Describe measures in place to prevent, deter and eliminate domestic illegal trade in marine turtle products, particularly with a view to enforcing the legislation identified in Section 1.5.1. [INF]

5.2.1 Has your country already developed a national action plan or a set of key management measures that could eventually serve as a basis for a more specific action plan at a national level? [IND]			
□YES □NO			
5.2.2 From your country's perspective, which conservation and management activities, and/or which particular sites or locations, ought to be among the highest priorities for action? [PRI]			
5.2.3 Please indicate, from your country's standpoint, the extent to which the following local management issues require international cooperation in order to to achieve progress. [PRI]			
Illegal fishing in territorial waters	□ ESSENTIAL □ IMPORTANT □ LIMITED □ NOT AT ALL		
Incidental capture by foreign fleets	□ ESSENTIAL □ IMPORTANT □ LIMITED □ NOT AT ALL		
Enforcement/patrolling of territorial waters	□ ESSENTIAL □ IMPORTANT □ LIMITED □ NOT AT ALL		
Hunting/harvest by neighboring countries	□ ESSENTIAL □ IMPORTANT □ LIMITED □ NOT AT ALL		
Poaching, illegal trade in turtle projects	□ ESSENTIAL □ IMPORTANT □ LIMITED □ NOT AT ALL		
Development of gear technology	□ ESSENTIAL □ IMPORTANT □ LIMITED □ NOT AT ALL		
Oil spills, pollution, marine debris	□ ESSENTIAL □ IMPORTANT □ LIMITED □ NOT AT ALL		
Training / capacity-building	□ ESSENTIAL □ IMPORTANT □ LIMITED □ NOT AT ALL		
Alternative livelihood development	□ ESSENTIAL □ IMPORTANT □ LIMITED □ NOT AT ALL		
Identification of turtle populations	□ ESSENTIAL □ IMPORTANT □ LIMITED □ NOT AT ALL		
Identification of migration routes	□ ESSENTIAL □ IMPORTANT □ LIMITED □ NOT AT ALL		
Tagging / satellite tracking	□ ESSENTIAL □ IMPORTANT □ LIMITED □ NOT AT ALL		
Habitat studies	□ ESSENTIAL □ IMPORTANT □ LIMITED □ NOT AT ALL		
Genetics studies	□ ESSENTIAL □ IMPORTANT □ LIMITED □ NOT AT ALL		
5.3.1 Identify existing frameworks/organisations that are, or could be, useful mechanisms for cooperating in marine turtle conservation at the sub-regional level. Please comment on the strengths of these instruments, their capacity to take on a broader coordinating role, and any efforts your country has made to enhance their role in turtle conservation. [INF, BPR]			
5.3.2 Has your country developed, or is it participating in, any networks for cooperative management of shared turtle populations? [BPR, INF]			
□YES □NO □NOT APPLICABLE			

5.3.3 What steps has your country taken to encourage Regional Fishery Bodies (RFBs) to adopt marine turtle conservation measures within Exclusive Economic Zones (EEZs) and on the high seas? [SAP]
5.4.1 Describe your country's needs, in terms of human resources, knowledge and facilities, in order to build capacity to strengthen marine turtle conservation measures. [PRI]
5.4.2 Describe any training provided in marine turtle conservation and management techniques (e.g. workshops held, training manuals produced etc.), and indicate your plans for the coming year. [PRI, INF]
5.4.3 Specifically in relation to capacity-building, describe any partnerships developed or planned with universities, research institutions, training bodies and other relevant organisations. [BPR]
5.5.1 National policies and laws concerning the conservation of marine turtles and their habitats will have been described in Section 1.5.1. Please indicate their effectiveness, in terms of their practical application and enforcement. [SAP, TSH]
5.5.2 Has your country conducted a review of policies and laws to address any gaps, inconsistencies or impediments in relation to marine turtle conservation? If not, indicate any obstacles encountered in this regard and when this review is expected to be done. [SAP]
TYES TNO TUNSURE
5.5.3 From the standpoint of law enforcement, has your country experienced any difficulties achieving cooperation to ensure compatible application of laws across and between jurisdictions? [TSH]
TYES TNO TUNSURE
OBJECTIVE VI. PROMOTE IMPLEMENTATION OF THE MoU INCLUDING THE CONSERVATION AND MANAGEMENT PLAN
6.1.1 What has your country already done, or will it do, to encourage other States to sign the IOSEA MoU? [INF]
6.1.2 Is your country currently favourable, in principle, to amending the MoU to make it a legally binding instrument? [INF]
TYES TNO TNO VIEW
6.1.3 Would your country be favourable, over a longer time horizon, to amending the MoU to make it a legally-binding instrument? [INF]
TYES TNO ■ NO VIEW

6.2 Secretariat and Advisory Committee
6.2.1 What efforts has your country made, or can it make, to secure funding to support the core operations of the IOSEA MoU (Secretariat and Advisory Committee, and related activities)? [IND]
6.3.1 What funding has your country mobilised for domestic implementation of marine turtle conservation activities related to the IOSEA Marine Turtle MoU? Where possible, indicate the specific monetary values attached to these activities/programmes, as well as future plans. [IND]
6.3.2 Has your country tried to solicit funds from, or seek partnerships with, other Governments, major donor organisations, industry, private sector, foundations or NGOs for marine turtle conservation activities? [IND]
TYES TNO
6.3.3 Describe any initiatives made to explore the use of economic instruments for the conservation of marine turtles and their habitats. [BPR]
TEST
6.4.1 Has your country designated a lead agency responsible for coordinating national marine turtle conservation and management policy? If not, when is this information expected to be communicated to the IOSEA MoU Secretariat? [IND]
□YES □NO
6.4.2 Are the roles and responsibilities of all government agencies related to the conservation and management of marine turtles and their habitats clearly defined? [IND]
□YES □NO □UNSURE
6.4.3 Has your country ever conducted a review of agency roles and responsibilities? If so, when, and what was the general outcome? If not, is such a review planned and when? [SAP],
TYES TNO TUNSURE
Comments/suggestions to improve the present reporting format:
Additional information not covered above: