

IMPROVEMENT OF THE LEGAL FRAMEWORK FOR FISHERIES COOPERATION,
MANAGEMENT AND DEVELOPMENT OF COASTAL STATES OF WEST AFRICA

AMÉLIORATION DU CADRE JURIDIQUE POUR LA COOPÉRATION, L'AMÉNAGEMENT ET
LE DÉVELOPPEMENT HALIEUTIQUE DES ÉTATS CÔTIERS DE L'AFRIQUE DE L'OUEST

GCP/RAF/302/EEC

Document N° 64

January 1999

Questionnaire on the evolution of Fisheries Management
in West Africa

CONFÉRENCE MINISTÉRIELLE SUR LA COOPÉRATION HALIEUTIQUE
ENTRE LES ÉTATS AFRICAINS RIVERAINS DE L'OCÉAN ATLANTIQUE

C O M M U N A U T É E U R O P É E N N E

ORGANISATION DES NATIONS UNIES
POUR L'ALIMENTATION ET L'AGRICULTURE

1. Introduction

The document in front you contains a questionnaire for the undertaking of a survey of marine fisheries management methods in West Africa.

The questionnaire aims at identifying key changes which have occurred in the application of fisheries management methods since the mid-1980's. It also seeks information on key issues and constraints which countries in West Africa are presently facing in the management of their fisheries. After a pilot test in one or two countries and the subsequent adaptation of the form, the questionnaire is to be administered by seven country consultants in seven West African countries.

2. Background

The framework arrangements concerning the management of fisheries are defined by the United Nations Convention on the Law of the Sea which was adopted in 1982. The revision process of the Law of the Sea led to the spreading of the Exclusive Economic Zone (EEZ) concept. With the installation of the 200 miles EEZ the marine resources were entrusted to the coastal states. These countries thus were not only faced with new opportunities but also with new obligations, especially the task of managing the resources. Many countries were faced with the necessity to redesign their legislations.

Like elsewhere in the world many legislations in West Africa have since been updated and although they are in general satisfactory the countries of this region are still faced with practical problems for their actual implementation.

In 1991, the minister of fisheries of Senegal, in his capacity of chairman of the Ministerial Conference on Fisheries Cooperation among States Bordering the Atlantic Ocean, officially requested FAO to open a legal office on fishing law. The advisor based at Dakar was to assist all the states and the organizations of the region on legal aspects of development, cooperation and fisheries management.

Different member-states supported this request and the Commission of the European Union decided to finance the services of this legal advisor as well as an activity program in the ambit of a project called "*Improvement of the legal framework for fisheries co-operation, management and development of coastal states of West Africa (GCP/RAF/302/EEC)*". The project was the first one to be funded by the Lomé Convention III, carried out by FAO, after the European Union joined this organization in 1993.

In May 1997, during the final stages of the project, the countries requested the organization of a regional technical consultation. This consultation was held in

Dakar¹ and focussed on elements/approaches of a possible continuation or second phase of the project.

The report of the consultation observes that the countries remain relatively ill-equipped to deal with the major changes and that a subsequent phase of the project is justified.

3. Objective

Among others it was realized that despite the importance of changes needed in the legislation as a result of the coming into effect of the Law of the Sea 1982 and the equally important status of regions' fisheries requiring careful management no concise overview of the evolution and workings of fisheries management methods was as yet available. The existence of such an overview was judged to be extremely useful in a further orientation of activities of a subsequent phase of project GCP/RAF/302/EEC. The attached questionnaire represents a first step in the making of this overview.

4. Justification of approach

The subject matter of this study (evolution of fisheries management methods over a fifteen years period in say seven different African countries) is vast and disparate. The incidence of each type of management measure depends on a large number of factors notably: 1) the proper characteristics of the measure; 2) the other measures that are and were applied; 3) the biological, economic, social, institutional and legal context. The fisheries sectors in the West African countries show very different levels of administrative organization, technical supervision, human and material resources. Moreover the importance of fisheries in each country's economy varies considerably.

Des-aggregating this complexity into a set of questions which can (profitably) be addressed and answered may be judged too ambitious a task if not reasonably impossible given the time available and the material and human constraints. The situations and constraints in the different countries and for different interest groups may differ in such a degree that it may be argued that a common questionnaire is not appropriate.

Nevertheless an attempt to design of a questionnaire has been undertaken. The consultant has developed this questionnaire as broad and as simple as possible, while aiming to obtain simultaneously quantitative and qualitative

¹ Regional technical consultation on the formulation of a project in support to the management of fisheries in the Eastern Atlantic (Dakar, 20 - 22 May 1997)

information. Many questions seek yes/no answers others invite the respondent to rate his/her answer on an ordinary scale².

This approach has been taken because it is realized that the more open ended the questions are the more difficult and time-consuming it will be to process and analyze the data. This approach also provides some basis for comparison between countries and types of respondents.

The need remains however to extract the reasons for the respondents ranking on the ordinal scale. At the same time respondents need to, and are, given adequate opportunity to provide information concerning his/her view on areas which might have been left out.

5. Methodology

The questionnaire contains a mix of questions seeking information focussing on two units of inquiry:

- a) the country and,
- b) the (type of) respondent

The questionnaire should be administered among a wide variety of respondents occupying different positions in the fisheries sector such as:

- fisheries managers
- administrators,
- researchers,
- advisors,
- industry representatives
- managers of fisheries projects
-

After having been pilot tested in one or two countries the questionnaire will be adapted and will be administered by a local consultant in seven countries.

The local consultants, to be recruited by FAO, will have ample experience in the fisheries sector of their country.

The consultant is advised to first complete the rather factual questions. Questions seeking information on facts (answers to which will thus in principle not vary with the respondents) are marked with a # just after the question number.

² An ordinal scale ranks a variable along a continuum of the subject matter, but without gradation or distance between the groups. Steps between categories may vary. Ordinal scales thus indicate relative positions.

This information can afterwards be used as factual (background) information during the interviews where also expert views & opinions are sought.

Questions to which the answers are expected to vary with respondent are marked with a §.

Questions may also be marked by both symbols # and §.

Not all questions (certainly not the factual ones) need to be repeated to all respondents. The consultant will have to make his own judgement as regards the questions to be asked to certain respondents. Before the interview he/she will (have to) identify these questions according to his own judgement on which information the particular respondent is expected to 'add' to the overall information base for the study.

For each respondent the local interviewer will predetermine the question numbers (to be asked) and mark them on the questionnaire and in the following table.


Organization	Name of Respondent	Question number
.....
.....
.....

At the end of the data collection phase this table will accompany all the filled in questionnaires.

It is expected that answers to a number of opinion seeking questions will be rather opposed either because of different expert opinions or because of different interests in the subject matter. It is hoped that this will contribute to the bringing to the surface of existing preoccupations regarding the management of fisheries in the region.

6. Notes on Questionnaire layout:

It is important to register the year in which a management measure was introduced or a change took place. This will permit the analysis of changes that have occurred.

1. Factual questions, without need (in principle) to repeat them to a variety of respondents are marked with a # .
2. Opinions or questions where different answers are/can be expected are marked with § .
3. Questions are in **bold**.
4. Instructions for the interviewer are in *italics*.
5. Boxes need to be ticked or years will have to be filled in.
6. Shaded parts  require explanatory text.

Questionnaire on the Evolution of Fisheries Management in West Africa

Identification particulars			
Q.1 # Country	Q.2 # Name of Country Consultant	Q.3 # Place	Q.4 # Date
Q.4 # Name of respondent		Q.5 # Title of function in the	Q.6 # Organization
Q.7 # This organization is (tick appropriate box)			
Government <input type="checkbox"/>	Semi-government <input type="checkbox"/>	Private <input type="checkbox"/>	Other (explain) <div style="border: 1px solid black; height: 20px;"></div>

Practice in a number of countries has shown that for various reasons the fisheries sector was in the past included in different Ministries. We would like to know which changes have taken place in your country in this respect.

Q.8 # Please indicate in reverse order below the (parent) Ministries directly responsible for fisheries since 1983 starting on the left with the current Ministry

a. Name of present Ministry responsible for fisheries	b. Name of previous Ministry responsible for Fisheries	c. Name of Ministry before b. responsible for Fisheries	d. Name of Ministry before c. responsible for Fisheries
Year created 19□□	Year created 19□□	Year created 19□□	Year created 19□□
▼	▼	▼	▼

Q.9 # Indicate for Ministry above the title(s) of first uppermost official(s) responsible after Minister. (example Director General of Fisheries, Head of Fisheries Division)

a.	b.	c.	d.

Q.10 § Comparing the current administrative set-up with the previous set-up(s), what do you consider to be the main changes what can in your opinion still be improved.

Q.11 § Compared to fifteen years ago would you say that the importance government attributed to fisheries since 1983 has:
(please tick the appropriate box)

Increased <input type="checkbox"/>	Decreased <input type="checkbox"/>	Remained the same <input type="checkbox"/>
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Please explain your judgement above with a short textual explanation.

⇒ • Please attach copy of organizational chart of present (parent) ministry responsible for fisheries as Annex 1.

⇒ • If possible also attach of organizational charts of previous (parent) Ministries responsible for fisheries.

Please find hereunder a number of questions that attempt to track some changes in the organization, means, structure dealing with fisheries management.

Two basic questions need to be answered

Which organizations perform activities related to fisheries management.

What relations exist between these organizations.

Inventory of country's organizations involved in fisheries management

By fisheries management is meant:

The process of determining the objectives for the fishery, the study and analysis of the biological and socio-economic characteristics of the fishery, and the decision making process establishing the development strategy and control measures for the fishery. Management is seen as a strategic and tactical exercise based on policy and control.

By fisheries administration is meant:

the implementation of the management regime, including the work of the fisheries inspectors, the monitoring and surveillance operations, the collection and compilation of the statistical information on the fishery and the ongoing dialogue with the fishing industry. Fisheries administration is seen as an operational exercise.

In the light of the definition above:

Q.12 # § Please provide a list of organizations & commissions (government & non-government) which play a role in the process of determining the objectives for the fishery and control measures.

Attempt to list the principal organizations & commissions in decreasing order of importance (the most important number 1.)

Tick column administrative body if organization is also charged with implementation.

Try to rate their influence on determination of management measures

Indicate name of organization & brief description of mandate	Administrative implementing body (✓)	tick (✓) appropriate		
		Very Influential	Influential	Limited Influence
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Founded before '83? Yes <input type="checkbox"/>	No <input type="checkbox"/>	→	in 19 <input type="checkbox"/> <input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Founded before '83? Yes <input type="checkbox"/>	No <input type="checkbox"/>	→	in 19 <input type="checkbox"/> <input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Founded before '83? Yes <input type="checkbox"/>	No <input type="checkbox"/>	→	in 19 <input type="checkbox"/> <input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Founded before '83? Yes <input type="checkbox"/>	No <input type="checkbox"/>	→	in 19 <input type="checkbox"/> <input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Founded before '83? Yes <input type="checkbox"/>	No <input type="checkbox"/>	→	in 19 <input type="checkbox"/> <input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Founded before '83? Yes <input type="checkbox"/>	No <input type="checkbox"/>	→	in 19 <input type="checkbox"/> <input type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Founded before '83? Yes <input type="checkbox"/>	No <input type="checkbox"/>	→	in 19 <input type="checkbox"/> <input type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Founded before '83? Yes <input type="checkbox"/>	No <input type="checkbox"/>	→	in 19 <input type="checkbox"/> <input type="checkbox"/>

If insufficient space continue on the back of this page.

Q.13 # § Please provide a list of organizations (government & non-government) which play a role in the study and analysis of

the biological characteristics of the fishery.

Attempt to list the principal organizations in decreasing order of importance (the most important number 1.)

Tick column administrative body if organization is also charged with implementation.

Try also to rate their influence on determination of management measures

Indicate name of organization & brief description of mandate <i>You may want / have to repeat organizations already listed above</i>	Administrative implementing body (✓) <input type="checkbox"/>	tick (✓) appropriate		
		Very Influential <input type="checkbox"/>	Influential <input type="checkbox"/>	Limited Influence <input type="checkbox"/>
1	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	→ in 19 <input type="checkbox"/> <input type="checkbox"/>
2	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	→ in 19 <input type="checkbox"/> <input type="checkbox"/>
3	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	→ in 19 <input type="checkbox"/> <input type="checkbox"/>
4	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	→ in 19 <input type="checkbox"/> <input type="checkbox"/>

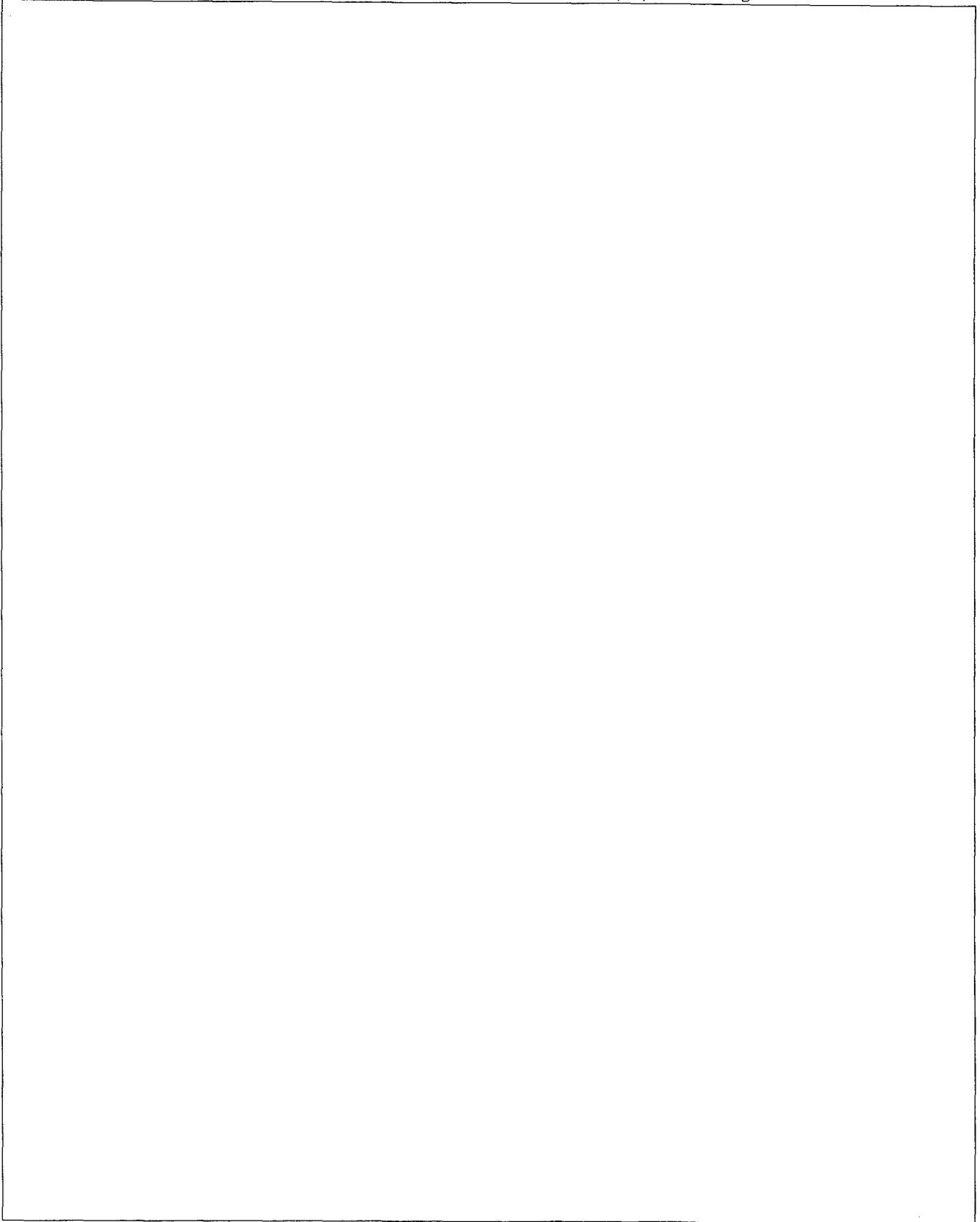
If insufficient space continue on the back of this page.

Q.14 # § Please provide a list of organizations (government & non-government) which play a role in the study and analysis of socio-economic characteristics.

Indicate name of organization & brief description of mandate <i>You may want to / have to repeat organizations already listed above</i>	Administrative implementing body (✓) <input type="checkbox"/>	tick (✓) appropriate		
		Very Influential <input type="checkbox"/>	Influential <input type="checkbox"/>	Limited Influence <input type="checkbox"/>
1	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	→ in 19 <input type="checkbox"/> <input type="checkbox"/>
2	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	→ in 19 <input type="checkbox"/> <input type="checkbox"/>
3	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	→ in 19 <input type="checkbox"/> <input type="checkbox"/>
4	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	→ in 19 <input type="checkbox"/> <input type="checkbox"/>

If insufficient space continue on the back of this page.

Try to sketch an "Institutiogram" depicting relations between (the) different organizations



COUNTRY CAPACITY IN RESEARCH ON FISHERY RESOURCES

If the country has its own institutional capacity to conduct research in the area of resources, please give some details below concerning (possibly) **♦ UNIVERSITY ♦ RESEARCH INSTITUTE & ♦ OTHER**

♦ University	→ Yes <input type="checkbox"/>	No <input type="checkbox"/>	Was founded before 1983	Yes <input type="checkbox"/>	No <input type="checkbox"/>	→ Founded in 19 <input type="text"/>	<input type="text"/>
Q.15 #							
Q.16 # Name of University Department dealing with research on fishery resources?							
Q.17 # In the last fifteen years national funding for research (government internal investment & recurrent budget) at the Dep^t							
Increased		Remained more or less at same level			Decreased		
<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>		
Q.18 # In the last fifteen years national trained personnel for research on the payroll of the University Department							
Increased		Remained more or less at same level			Decreased		
<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>		
Q.19 # § Please give short textual description of changes in the field of fisheries Research at the University. Pay special but brief attention to achievements during last fifteen years , constraints and current issues.							
Achievements							
Constraints & Current issues							
♦ Gov. Research Institute No <input type="checkbox"/> Yes <input type="checkbox"/> Was founded before 1983 Yes <input type="checkbox"/> No <input type="checkbox"/> → Year founded 19 <input type="text"/>							
Q.20 #							
Q.21 # Name of Institute dealing with research on resources?							
Q.22 # Please indicate number of research staff on the payroll of the Institute.							
Q.23 # Compared to fifteen years ago national funding (government internal investment & recurrent budget) for research							
Increased		Remained more or less at same level			Decreased		
<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>		
Q.24 # Compared to fifteen years ago the number of trained research personnel on the payroll of the Institute							
Increased		Remained more or less at same level			Decreased		
<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>		
Q.25 # § Please give short textual description of changes in the field of fisheries Research at the Institute. Pay special but brief attention to achievements during last fifteen years , constraints and current issues.							
Achievements							
Constraints & Current issues							
Q.26 # Does the fishing industry contribute financially to government research (through levies, license fees, etc.)							
Yes <input type="checkbox"/>				No <input type="checkbox"/>			
▼ If yes, how and since when?							
♦ Q.27 # § Other Institutions (?) please specify hereunder paying attention to name of organization(s), year created, number of staff, achievements, constraints and current issues.							

COUNTRY CAPACITY IN RESEARCH ON FISHING GEAR

Does the country have its own institutional capacity to conduct research in the area of Gear?			
◆ University	→	Yes <input type="checkbox"/> No <input type="checkbox"/>	Was founded before 1983 Yes <input type="checkbox"/> No <input type="checkbox"/> → Founded in 19 <input type="checkbox"/> <input type="checkbox"/>
Q.28 #			
Q.29 # Name of University Department dealing with research on Gear?			
Q.30. # In the last fifteen years national funding for research (government internal investment & recurrent budget) at the Dep^t			
Increased		Remained more or less at same level	Decreased
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Q.31 # In the last fifteen years national trained personnel for research on the payroll of the Department			
Increased		Remained more or less at same level	Decreased
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Q.32 # § Please give short textual description of changes in the field of gear Research at the University. Pay special but brief attention to achievements during last fifteen years , constraints and current issues.			
Achievements			
Constraints & Current issues			
◆ Gov. Research Institute No <input type="checkbox"/> Yes <input type="checkbox"/> Was founded before 1983 Yes <input type="checkbox"/> No <input type="checkbox"/> → Year founded 19 <input type="checkbox"/><input type="checkbox"/>			
Q.33 # Name of Institute dealing with research on Gear?			
Q.34 # In the last fifteen years national funding for research (government internal investment budget)			
Increased		Remained more or less at same level	Decreased
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Q.35 # In the last fifteen years national trained personnel for research on the payroll of the Institute			
Increased		Remained more or less at same level	Decreased
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Q.36 # § Please give short textual description of changes in the field of gear Research at the University. Pay special bur brief attention to achievements during last fifteen years , constraints and current issues.			
Achievements			
Constraints & Current issues			
◆ Q.37 # § Other Institutions (?) please specify hereunder paying attention to name of organization(s), year created, number of staff, achievements, constraints and current issues.			

COUNTRY CAPACITY IN RESEARCH ON POST-HARVEST ISSUES

With post-harvest is meant fish/food technology research covering aspects like quality assurance of fishery products & use of by-catch.

Does the country have its own institutional capacity to conduct research in the area of Post-harvest (fish/food technology research, quality control)			
◆ University	→	Yes <input type="checkbox"/> No <input type="checkbox"/>	Was founded before 1983 Yes <input type="checkbox"/> No <input type="checkbox"/> → Founded in 19 <input type="text"/> <input type="text"/>
Q.38 #			
Q.39 # Name(s) of University Department(s) dealing with research on Post-harvest aspects?			
Q.40 # In the last fifteen years national funding for research (government internal investment & recurrent budget) at the Dep ^t			
Increased		Remained more or less at same level	Decreased
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Q.41 # In the last fifteen years national trained personnel for research on the payroll of the Department			
Increased		Remained more or less at same level	Decreased
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Q.42 # § Please give short textual description of changes in the field of post-harvest related Research at the University. pay special but brief attention to achievements during last fifteen years , constraints and current issues.			
Achievements			
Constraints & Current issues			
◆ Gov. Research Institute No <input type="checkbox"/> Yes <input type="checkbox"/> Was founded before 1983 Yes <input type="checkbox"/> No <input type="checkbox"/> → Year founded 19 <input type="text"/> <input type="text"/>			
Q.43 #			
Q.44 Name of Institute(s) dealing with research on Post-harvest?			
Q.45 # In the last fifteen years national funding for research (government internal investment budget)			
Increased		Remained more or less at same level	Decreased
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Q.46 # In the last fifteen years national trained personnel for research on the payroll of the Institute			
Increased		Remained more or less at same level	Decreased
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Q.47 # § Please give short textual description of changes in the field of fisheries Research at the University. pay special but brief attention to achievements during last fifteen years , constraints and current issues.			
Achievements			
Constraints & Current issues			
◆ Q.48 # § Other please specify hereunder paying attention to name of organization, year created, number of staff, achievements, constraints and current issues.			

MONITORING CONTROL AND SURVEILLANCE

Q.49 # Does the country have its own institutional capacity for monitoring, control and surveillance?
 No → Is a surveillance system planned? No Yes → Please give (some) details in box below ↓

Yes ↓

Does the system involve fishery officers in port?	No <input type="checkbox"/>	Yes <input type="checkbox"/>	→	Since yr	19	<input type="checkbox"/> <input type="checkbox"/>	How many?	<input type="checkbox"/> <input type="checkbox"/>
Does the system involve observers on board?	No <input type="checkbox"/>	Yes <input type="checkbox"/>	→	Since yr	19	<input type="checkbox"/> <input type="checkbox"/>	How many?	<input type="checkbox"/> <input type="checkbox"/>
Does the system involve (fishery) patrol boats?	No <input type="checkbox"/>	Yes <input type="checkbox"/>	→	Since yr	19	<input type="checkbox"/> <input type="checkbox"/>	How many?	<input type="checkbox"/> <input type="checkbox"/>
Does the system involve airplanes?	No <input type="checkbox"/>	Yes <input type="checkbox"/>	→	Since yr	19	<input type="checkbox"/> <input type="checkbox"/>	How many?	<input type="checkbox"/> <input type="checkbox"/>

Q.50 # Give exact name of Unit / Department responsible for Sea Surveillance & indicate operational state of available means.

Q.51 # Give exact name of Unit / Department responsible for Air Surveillance & indicate operational state of available means.

Q.52 # § Additional to the national surveillance system do you know of any other (decentralized) surveillance operations for example operating within the context of a regional authority, development project or program). If yes, please give some details paying attention to the year of commencement, available & operational state of means.

Q.53 # § In the light of the above what is your judgement about the evolution of the means (budget, personnel, material) available for fisheries surveillance compared with the situation of fifteen years ago?

Improved considerably	Improved	No change	Worsened	Worsened considerably
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please explain your judgement and give a short textual description about the achievements during last fifteen years, constraints & current issues with respect to the evolution of fisheries surveillance in your country.

Achievements

Constraints & Current issues

Q.54 # § An increasing number of fisheries experts state that, compared to the national level, private or informal organisms on the local level are more successful in having management measures respected by the fishermen.
Do you agree with this position ?

Yes	No	No opinion
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

comments on opinion

Q.55 # § Do you know of examples of systems of local social control (of compliance with management measures) in yr.

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

If yes please give one or a few examples

Please attach organizational chart of MCS structure within the administrative system of your country as Annex 2

Legislation and regulations of direct relevance to fishery management

*Fisheries management may involve the simultaneous use of the three types of instruments (e.g. institutions, regulations and incentives)
In the section below we will try to register the changes that have taken place in your country's management policies since 1983.*

DIRECT PUBLIC INVESTMENT & MANAGEMENT

Q.56 # § 1) Establishment of an industrial fishing state corporation

Has this policy instrument been applied (at some period) during the last 15 years?

No Yes → Is this policy instrument still applied? No Yes → -and attention increased
Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
-attention remained equal

Q.57 # § 2) Establishment of a State Corporation for processing/marketing

Has this policy instrument been applied (at some period) during the last 15 years?

No Yes → Is this policy instrument still applied? No Yes → -and attention increased
Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
-attention remained equal

Q.58 # § 3) Joint ventures between public & private domestic entities

Has this policy instrument been applied (at some period) during the last 15 years?

No Yes → Is this policy instrument still applied? No Yes → -and attention increased
Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
-attention remained equal

Q.59 # § 4) Granting access rights to foreign fishing vessels

Has this policy instrument been applied (at some period) during the last 15 years?

No Yes → Is this policy instrument still applied? No Yes → -and attention increased
Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
-attention remained equal

Q.60 # § 5) Promotion of fisheries management organisation (*national/regional consultative bodies, creation of community based management institutions, strengthening of traditional management schemes*)

Has this policy instrument been applied (at some period) during the last 15 years?

No Yes → Is this policy instrument still applied? No Yes → -and attention increased
Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
-attention remained equal

Q.61 # § 6) Direct provision of fishing inputs (boats, nets, engines) generally through externally funded projects.

Has this policy instrument been applied (at some period) during the last 15 years?

No Yes → Is this policy instrument still applied? No Yes → -and attention increased
Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
-attention remained equal

Q.62 # § 7) Package programs of physical inputs (advanced fishing units, ice plants marketing infrastructures together with other incentives)
 Has this policy instrument been applied (at some period) during the last 15 years?
 No Yes → Is this policy instrument still applied? No Yes → -and attention increased
 Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
 -attention remained equal

Q.63 # § 8) Cold-stores/ice plants for small-scale or medium scale fisheries
 Has this policy instrument been applied (at some period) during the last 15 years?
 No Yes → Is this policy instrument still applied? No Yes → -and attention increased
 Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
 -attention remained equal

REGULATIONS

Effective regulations require monitoring and control and a complementary assessment of both expected impact (adequacy of the regulations), and of expected enforceability and related cost. A wide number of regulations apply to a wide range of activities, e.g. labour laws, corporate laws, etc. Some are specific to the fishery sector such as:

Q.64 # § 9 a) Standards and grades for exports
 Has this policy instrument been applied (at some period) during the last 15 years?
 No Yes → Is this policy instrument still applied? No Yes → -and attention increased
 Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
 -attention remained equal

Q.65 # § 9 b) Standards and grades for the domestic market
 Has this policy instrument been applied (at some period) during the last 15 years?
 No Yes → Is this policy instrument still applied? No Yes → -and attention increased
 Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
 -attention remained equal

Q.66 # § 10 a) Price control for inputs
 Has this policy instrument been applied (at some period) during the last 15 years?
 No Yes → Is this policy instrument still applied? No Yes → -and attention increased
 Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
 -attention remained equal

Q.67 # § 10 b) Price control for outputs
 Has this policy instrument been applied (at some period) during the last 15 years?
 No Yes → Is this policy instrument still applied? No Yes → -and attention increased
 Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
 -attention remained equal

Q.68 # § 11) Import quotas on fish (to stimulate national production)			
Has this policy instrument been applied (at some period) during the last 15 years?			
No <input type="checkbox"/>	Yes <input type="checkbox"/>	→ Is this policy instrument still applied?	No <input type="checkbox"/> Yes <input type="checkbox"/>
Please explain & pay attention to respondents opinion on suitability of the instrument.			-and attention increased <input type="checkbox"/> -but attention decreased <input type="checkbox"/> -attention remained equal <input type="checkbox"/>
↓			
Q.69 # § 12) Export embargoes (for conservation reasons or to increase availability on national market)			
Has this policy instrument been applied (at some period) during the last 15 years?			
No <input type="checkbox"/>	Yes <input type="checkbox"/>	→ Is this policy instrument still applied?	No <input type="checkbox"/> Yes <input type="checkbox"/>
Please explain & pay attention to respondents opinion on suitability of the instrument.			-and attention increased <input type="checkbox"/> -but attention decreased <input type="checkbox"/> -attention remained equal <input type="checkbox"/>
↓			
Q.70 # § 13) Price stabilisation (through government buying, selling and storage operations)			
Has this policy instrument been applied (at some period) during the last 15 years?			
No <input type="checkbox"/>	Yes <input type="checkbox"/>	→ Is this policy instrument still applied?	No <input type="checkbox"/> Yes <input type="checkbox"/>
Please explain & pay attention to respondents opinion on suitability of the instrument.			-and attention increased <input type="checkbox"/> -but attention decreased <input type="checkbox"/> -attention remained equal <input type="checkbox"/>
↓			

INCENTIVES**Fiscal incentives**

Q.71 # § 14) Duties on physical inputs			
Has this policy instrument been applied (at some period) during the last 15 years?			
No <input type="checkbox"/>	Yes <input type="checkbox"/>	→ Is this policy instrument still applied?	No <input type="checkbox"/> Yes <input type="checkbox"/>
Please explain & pay attention to respondents opinion on suitability of the instrument.			-and attention increased <input type="checkbox"/> -but attention decreased <input type="checkbox"/> -attention remained equal <input type="checkbox"/>
↓			
Q.72 # § 15 a) Import duties of fisheries products			
Has this policy instrument been applied (at some period) during the last 15 years?			
No <input type="checkbox"/>	Yes <input type="checkbox"/>	→ Is this policy instrument still applied?	No <input type="checkbox"/> Yes <input type="checkbox"/>
Please explain & pay attention to respondents opinion on suitability of the instrument.			-and attention increased <input type="checkbox"/> -but attention decreased <input type="checkbox"/> -attention remained equal <input type="checkbox"/>
↓			
Q.73 # § 15 b) Export duties of fisheries products			
Has this policy instrument been applied (at some period) during the last 15 years?			
No <input type="checkbox"/>	Yes <input type="checkbox"/>	→ Is this policy instrument still applied?	No <input type="checkbox"/> Yes <input type="checkbox"/>
Please explain & pay attention to respondents opinion on suitability of the instrument.			-and attention increased <input type="checkbox"/> -but attention decreased <input type="checkbox"/> -attention remained equal <input type="checkbox"/>
↓			
Q.74 # § 16) Taxes : corporate, income, landing tax, market tax, registration tax, etc.			
Has this policy instrument been applied (at some period) during the last 15 years?			
No <input type="checkbox"/>	Yes <input type="checkbox"/>	→ Is this policy instrument still applied?	No <input type="checkbox"/> Yes <input type="checkbox"/>
Please explain & pay attention to respondents opinion on suitability of the instrument.			-and attention increased <input type="checkbox"/> -but attention decreased <input type="checkbox"/> -attention remained equal <input type="checkbox"/>
↓			

Non-fiscal price incentives

Q.75 # § 17) Institutional Credit

Has this policy instrument been applied (at some period) during the last 15 years?

No Yes → Is this policy instrument still applied? No Yes → -and attention increased
 Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
 -attention remained equal

**Q.76 # § 18) Subsidisation of inputs (gear, equipment, petrol, fuel, ..)**

Has this policy instrument been applied (at some period) during the last 15 years?

No Yes → Is this policy instrument still applied? No Yes → -and attention increased
 Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
 -attention remained equal

**Q.77 # § 19) Price support (minimum price for new products)**

Has this policy instrument been applied (at some period) during the last 15 years?

No Yes → Is this policy instrument still applied? No Yes → -and attention increased
 Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
 -attention remained equal



Indirect incentives

Q.78 # § 20) Marketing Information Service for national & export market

Has this policy instrument been applied (at some period) during the last 15 years?

No Yes → Is this policy instrument still applied? No Yes → -and attention increased
 Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
 -attention remained equal

**Q.79 # § 21) Promotion of new forms of organisation like co-operatives, corporations, joint ventures, associations.**

Has this policy instrument been applied (at some period) during the last 15 years?

No Yes → Is this policy instrument still applied? No Yes → -and attention increased
 Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
 -attention remained equal

**Q.80 # § 22) Product promotion - campaigns for new products**

Has this policy instrument been applied (at some period) during the last 15 years?

No Yes → Is this policy instrument still applied? No Yes → -and attention increased
 Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
 -attention remained equal

**Q.81 # § 23) Development and promotion of new technologies**

Has this policy instrument been applied (at some period) during the last 15 years?

No Yes → Is this policy instrument still applied? No Yes → -and attention increased
 Please explain & pay attention to **respondents opinion** on suitability of the instrument. -but attention decreased
 -attention remained equal



<p>Q.82 # § 24) Extension and training services</p> <p>Has this policy instrument been applied (at some period) during the last 15 years?</p> <p>No <input type="checkbox"/> Yes <input type="checkbox"/> → Is this policy instrument still applied? No <input type="checkbox"/> Yes <input type="checkbox"/> →</p> <p>Please explain & pay attention to respondents opinion on suitability of the instrument.</p>	<p>-and attention increased <input type="checkbox"/></p> <p>-but attention decreased <input type="checkbox"/></p> <p>-attention remained equal <input type="checkbox"/></p>
<p>Q.83 # § 25) Research</p> <p>Has this policy instrument been applied (at some period) during the last 15 years?</p> <p>No <input type="checkbox"/> Yes <input type="checkbox"/> → Is this policy instrument still applied? No <input type="checkbox"/> Yes <input type="checkbox"/> →</p> <p>Please explain & pay attention to respondents opinion on suitability of the instrument.</p>	<p>-and attention increased <input type="checkbox"/></p> <p>-but attention decreased <input type="checkbox"/></p> <p>-attention remained equal <input type="checkbox"/></p>
<p>Q.84 # § 26) Vocational and technical education / training</p> <p>Has this policy instrument been applied (at some period) during the last 15 years?</p> <p>No <input type="checkbox"/> Yes <input type="checkbox"/> → Is this policy instrument still applied? No <input type="checkbox"/> Yes <input type="checkbox"/> →</p> <p>Please explain & pay attention to respondents opinion on suitability of the instrument.</p>	<p>-and attention increased <input type="checkbox"/></p> <p>-but attention decreased <input type="checkbox"/></p> <p>-attention remained equal <input type="checkbox"/></p>
<p>Q.85 # § 27) Higher education</p> <p>Has this policy instrument been applied (at some period) during the last 15 years?</p> <p>No <input type="checkbox"/> Yes <input type="checkbox"/> → Is this policy instrument still applied? No <input type="checkbox"/> Yes <input type="checkbox"/> →</p> <p>Please explain & pay attention to respondents opinion on suitability of the instrument.</p>	<p>-and attention increased <input type="checkbox"/></p> <p>-but attention decreased <input type="checkbox"/></p> <p>-attention remained equal <input type="checkbox"/></p>

Regional and sub-regional aspects

<p>Q.86 # § Is / are there provision(s) in the law of your country that provide for the eventual harmonization of management on a regional or sub-regional level? PLEASE CHECK CAREFULLY</p> <p style="text-align: center;">Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>▼ _____</p> <p>If yes, please quote the relevant section and indicate the year of inclusion in the legislation.</p>	
<p>Q.87 # § Do government financed research organizations participate in (sub)regional fisheries research programs?</p> <p style="text-align: center;">Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>▼ _____</p> <p>If yes, give some details • which research organization(s), • which research program(s).</p>	

Professional organizations

<p>Q .88 # § Compared to some fifteen years ago how would you judge the evolution of the number of professional organizations in the INDUSTRIAL sector of the fishing industry. Please tick the appropriate</p>				
Strongly decreased	Decreased	Remained the same	Increased	Strongly increased
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Please explain your position				
<p>Q .89 # § Compared to some fifteen years ago how would you judge the evolution of the number of professional organizations in the ARTISANAL sector of the fishing industry. Please tick the appropriate</p>				
Strongly decreased	Decreased	Remained the same	Increased	Strongly increased
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Please explain your position				
<p>Q.90 § How would you rate the FORMAL involvement of the industry/private sector in the establishment of fisheries management measures ? Please tick the appropriate</p>				
Completely absent	Weak	Reasonable	Strong	No answer
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Please explain your position				
<p>Q.91 § How would you rate the INFORMAL involvement of the industry/private sector in the establishment of fisheries management measures ? Please tick the appropriate</p>				
Completely absent	Weak	Reasonable	Strong	No answer
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Please explain your position				
<p>Q.92 § How would you rate the evolution of involvement of the industry/private sector in establishing fisheries management measures over the last say fifteen years. Please tick the appropriate. (Note that there is a difference with the previous questions.)</p>				
Increased		Decreased		Stayed the same
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Please explain your position				
<p>Q.93 § Would you say that within the fisheries administration awareness about the importance of the involvement of the industry. Please tick the appropriate</p>				
Increased		Decreased		Stayed the same
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Please explain your position				
<p>Q.94 § There are scholars who argue that the success of fisheries management depends less on the on the package of measures and approaches than on the implementation of the instruments and mechanisms necessary to their effective application.</p>				
<u>Respondents opinion about this statement:</u>				
Agree with statement		Do not agree with statement		No opinion
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Please explain your position				
<p>Q.95 § What is your personal opinion about involvement of the industry in the process of drawing up management plans.</p>				
Very important	Important	In between	Not important	Not important at all
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Please explain your position				

Methodology to manage fisheries

<p>Q.96 # Does the legislation in your country require the preparation of fisheries management plans? <i>Management plan: a written plan for managing a resource encompassing legal, enforcement, social, economic and natural scientific considerations (the last could, for example, be in the form of an operational management procedure.)</i></p>		
Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	
<p>If yes please quote the relevant section and indicate article / decree and year of inclusion in the law</p>		
Article / Decree	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Year of inclusion in the law	19 <input type="checkbox"/> <input type="checkbox"/>	
<p>Q.97 # § Which government organization is (should be) primarily responsible for formulation of fisheries management plans? <i>Note 'should be', answer this question also if the law does not mention a requirement for fisheries management plan(s)!!</i></p>		
<p>Q.98 # § Are there any formalized written procedures steering the process of the formulation of management measures / <i>(think about meeting schedules, consultation of forums, seminars)</i></p>		
Yes	No	Don't know
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Q.99 # § Which government organization(s) is/are primarily responsible for providing research data for the formulation of management measures / plans?</p>		
<p>Q.100 # § Which organization government & poss. non-government formally participate in design of management measures.</p>		
<p>Q.101 # § Which organisms government & poss. non-government informally participate in design of management measures.</p>		
<p>Q.102 # § In the light of the above would you say that the institutional responsibility for the formulation of fisheries management plans is clearly defined in your country? No <input type="checkbox"/> Yes <input type="checkbox"/> Please explain your answer.</p>		
<p>Q.103 # § Are there in your opinion any organizations excluded from participation in the design of management measures that should be called to participate in the design of management measures? No <input type="checkbox"/> Yes <input type="checkbox"/> Please explain your answer.</p>		
<p>Q.104 # § Would you say that compared to the situation fifteen years ago the <u>planning</u> of fisheries management has:</p>		
Improved	Remained the same	Weakened
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Please explain your judgement</p>		

Q.105 # § Have since 1983 fisheries management plans been formulated for one or various fisheries in your country?
Please tick the appropriate
 No, for non of the fisheries Yes, for some of the fisheries Yes, for most of the fisheries Yes for all of the fisheries

▼
If yes, please give all title(s) and year(s) of publication of management plans.

Q.106 § Is in your opinion research data being used in (attempts of) the formulation of fisheries management plans.
Note attempts! Answer may be yes despite absence of any official fisheries management plan indicated in the previous question
 No, for non of the fisheries Yes, for some of the fisheries Yes, for most of the fisheries Yes, for all of the fisheries

Please explain your answer/judgement.

Q.107 § Please give your judgement on role played by research results in the formulation of fisheries management measures?
 Important role Small role No role

Q.108 § Compared with fifteen years ago the role of research results in the formulation of fisheries management measures:
Note that there is a difference with the previous question.
 Increased Decreased Stayed the same

Q.109 § Please rate the following broad problems in order of importance with respect to fisheries management in your
Assign a 1 for the most important problem and 3 for the least important problem:
 Poor or absence of management advice Disregard of management advice Inability to control application of man^t measures

Please explain your judgement above with a short textual explanation.

Q.110 # § Does a mechanism exist to inform interested parties about changes in management regulations?
 Yes No

▼
If yes, please describe briefly the mechanism

Q.111 § Give a brief textual description of (key) changes you have noted / observed in the area of fisheries management compared with the 'management practice' some fifteen years ago. Try to respond under the three listed items
Organization of management

Available means

Structure

Closed area(s)

Q.112 # § Does the fisheries law in your country include any closed area restrictions

Yes

No

If no, does / should this type of measure **in your opinion** have to be introduced or considered for (a) specific area(s)?
you can think of reservation of areas for nationals, protection of artisanal fisheries, areas in protection of certain species,
zones around specific areas such as ports, ...

Yes

No

Please give some details in box below

Q.113 # Please provide details of closed area legislation by filling in the following table.

	Short description of the restriction, pay attention to its main purpose(s)	Restriction was introduced:		
		Before 1983	After 1983	If after '83, yr
1.		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
2.		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
3.		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
4.		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
5.		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>

In case of more restrictions use back of page.

Q.114 # § Irrespective of whether closed areas actually do exist in the fisheries legislation, how would you characterize the trend in 'expert thinking' in your country on the application/possible introduction of closed areas?

Please note "possible introduction" which means independent of the ease of control of this measure.

Continued absence of debate Debate somewhat intensified Debate intensified considerably No opinion

Please briefly explain your judgement

Q.115 # § How would you characterize the trend in **factual** application of closed area(s) in fish^s management in your country?

Increase of application No trend Decrease of application No opinion

Please briefly explain your judgement

Q.116 # § In case of any debate on closed areas, please indicate main specifics in the (general) discussion paying attention to issues like • the species to be protected • the areas, • the fishery,

Closed Seasons

Q.117 # § Does the fisheries law in your country include any closed seasons.

Yes No

If no, does/should this type of measure **in your opinion** have to be introduced or considered for (a) specific species/fisheries?

Yes No

If yes please give some details in box below, which seasons in protection of which species?

Q.118 # Please provide details of closed seasons by filling in the following table.

	Short description of the restriction pay attention to its main purpose(s)	Restriction was introduced:		
		Before 1983	After 1983	If after '83, yr
1.		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
2.		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
3.		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
4.		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
5.		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>

Q. 119 # § Irrespective of whether closed seasons actually do exist in the fisheries legislation, how would you characterize the trend in expert thinking' in your country on the application/possible introduction of closed seasons?

Please note "possible introduction" which means independent of the ease of control of this measure.

Continued absence of debate Debate somewhat intensified Debate intensified much No opinion

Please briefly explain your judgement

Q.120 # § How would you characterize trend in factual application of closed seasons in fisheries management in your country?

Increase of application No trend Decrease of application No opinion

Please briefly explain your judgement

Q.121 # § In case of any debate on closed areas, please indicate main specifics in the (general) discussion paying attention to issues like • the species to be protected • the fishery ,

Mesh Sizes

Q.122 # § Does the fisheries law in your country include any mesh size limitation in the INDUSTRIAL sub-sector?
 Yes No

If no, does / should this type of measure **in your opinion** have to be introduced or considered for (a) specific gear / fisheries?
 Yes No

If yes, please give some details in box below paying attention to gear & fishery.

Q.123 # § Does the fisheries law in your country include any mesh size limitation in the ARTISANAL sub-sector?
 Yes No

If no, does / should this type of measure **in your opinion** have to be introduced or considered for (a) specific gear / fisheries?
 Yes No

If yes, please give some details in box below paying attention to gear & fishery.

Q.124 # Please provide details by filling in the following table.
 Short description of the restriction (gear, artisanal, industrial) is sufficient.
 There is **no need** to give the exact mesh size *details!!!!*

	Restriction was introduced:		
	Before 1983	After 1983	If after '83, yr
1.	<input type="checkbox"/>	<input type="checkbox"/>	→ 19 <input type="checkbox"/> <input type="checkbox"/>
2.	<input type="checkbox"/>	<input type="checkbox"/>	→ 19 <input type="checkbox"/> <input type="checkbox"/>
3.	<input type="checkbox"/>	<input type="checkbox"/>	→ 19 <input type="checkbox"/> <input type="checkbox"/>
4.	<input type="checkbox"/>	<input type="checkbox"/>	→ 19 <input type="checkbox"/> <input type="checkbox"/>
5.	<input type="checkbox"/>	<input type="checkbox"/>	→ 19 <input type="checkbox"/> <input type="checkbox"/>
6.	<input type="checkbox"/>	<input type="checkbox"/>	→ 19 <input type="checkbox"/> <input type="checkbox"/>
7.	<input type="checkbox"/>	<input type="checkbox"/>	→ 19 <input type="checkbox"/> <input type="checkbox"/>
8.	<input type="checkbox"/>	<input type="checkbox"/>	→ 19 <input type="checkbox"/> <input type="checkbox"/>
9.	<input type="checkbox"/>	<input type="checkbox"/>	→ 19 <input type="checkbox"/> <input type="checkbox"/>
10.	<input type="checkbox"/>	<input type="checkbox"/>	→ 19 <input type="checkbox"/> <input type="checkbox"/>

Q.125 # § How would you characterize trend in 'expert thinking' in your country on the application of mesh size regulation?
 Continued absence of debate Debate somewhat intensified Debate intensified much No opinion

Please briefly explain your judgement

Q.126 # § How would you characterize the trend in the factual application of mesh size regulation in your country?
 Increase of application No trend Decrease of application No opinion

Please briefly explain your judgement

Q.127 # § In case of any debate on mesh sizes please indicate main specifics in the (general) discussion paying attention to issues like • the species to be protected, gear • the fishery ,

Gear restrictions

Q.128 # § Does the fisheries law in your country include any gear restrictions in the INDUSTRIAL sub-sector?
(for example trawls)

Yes No

If no, does / should this type of measure **in your opinion** have to be introduced or considered for (a) specific gear/fisheries?

Yes No

If yes, please give some details in box below paying attention to sub-sector, gear & fishery.

Q.129 # § Does the fisheries law in your country include any gear restrictions limitation in the ARTISANAL sub-sector?

Yes No

If no, does / should this type of measure **in your opinion** have to be introduced or considered for (a) specific gear/fisheries?

Yes No

If yes, please give some details in box below paying attention to gear & fishery.

Q.130 # Please provide details by filling in the following table.

	Short description of the restriction paying attention to its main purpose(s)	Indicate for which fleet			Restriction was introduced:		
		Artisanal Fleet	National Industr. Fleet	Foreign Indust. Fleet	Before 1983	After 1983	If after '83, yr
1.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
2.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
3.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
4.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
5.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
6.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
7.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
8.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
9.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
10.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>

Q.131 # § How would you characterize the trend in 'expert thinking' in your country on the application of gear restrictions?

Continued absence of debate Debate somewhat intensified Debate intensified much No opinion

Please briefly explain your judgement

Q.132 # § How would you characterize the trend in the factual application of gear restrictions your country?

Increase of application No trend Decrease of application No opinion

Please briefly explain your judgement

Q.133 # § In case of any debate on gear restrictions please indicate main specifics in the (general) discussion paying attention to issues like • the species to be protected, gear • the fishery ,

Vessel restrictions

Q.134 # § Does the fisheries law in your country include any vessel restrictions ?

Yes No

If no, does / should this type of measure **in your opinion** have to be introduced or considered for a specific vessel/fishery?

Yes No

If yes, please give some details in box below paying attention to *cubic capacity, horsepower limits & fishery.*

Q.135 # Please provide details by filling in the following table.

Short description of the restriction (cubic capacity, horsepower limits, fishery, ...)	Indicate for which fleet			Restriction was introduced:		
	Arti- sana l Fleet	National Indust. Fleet	Foreign Indust. Fleet	Before 1983	After 1983	If after '83, yr
1. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
2. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
3. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
4. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
5. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
6. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
7. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
8. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
9. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
10. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>

Q.136 # § How would you characterize the trend in 'expert thinking' in your country on the application of vessel restrictions?

Continued absence of debate Debate somewhat intensified Debate intensified much No opinion

Please briefly explain your judgement

Q.137 # § How would you characterize the trend in the [factual] application of vessel restrictions your country?

Increase of application No trend Decrease of application No opinion

Please briefly explain your judgement

Q.137 # § In case of any debate on vessel restrictions please indicate main specifics in the (general) discussion paying attention to issues like • the fleet • the fishery • the species to be protected,

Zoning

Q.138 # Did the country claim sovereign rights over the 200 mile exclusive economic zone?

Yes No

In which year? 19

Please attach a map of the EEZ as an annex 3.

Q.139 # § Is delimitation of the EEZ agreed upon with neighboring states?

Yes No

In which year? 19

▼

If no, what are the remaining/outstanding issues?

Q.140 # § Does the fisheries law in your country define any (prohibited) zones ?

Yes No

▼

If no, does / should this type of measure in your opinion have to be introduced or considered?

Yes No

If yes, please give some details in box below paying due attention to its primary purpose.

Q.141 # Please provide details by filling in the following table.

Short description of the restriction

State the *primary purpose* (e.g. • conflict reduction - protection of artisanal fishery, • Resource management - spawning/breeding areas)

	Restriction was introduced:		
	Before 1983	After 1983	If after '83, yr
1 _____	<input type="checkbox"/>	<input type="checkbox"/>	→ 19 <input type="checkbox"/> <input type="checkbox"/>
2 _____	<input type="checkbox"/>	<input type="checkbox"/>	→ 19 <input type="checkbox"/> <input type="checkbox"/>
3 _____	<input type="checkbox"/>	<input type="checkbox"/>	→ 19 <input type="checkbox"/> <input type="checkbox"/>
4 _____	<input type="checkbox"/>	<input type="checkbox"/>	→ 19 <input type="checkbox"/> <input type="checkbox"/>
5 _____	<input type="checkbox"/>	<input type="checkbox"/>	→ 19 <input type="checkbox"/> <input type="checkbox"/>

If any zones are defined please attach a map showing demarcation of the zones as an annex 4.

Q.142 # § How would you characterize the trend in 'expert thinking' in your country on the application of zoning restrictions?

Continued absence of debate Debate somewhat intensified Debate intensified much No opinion

Please briefly explain your judgement

Q.143 # § How would you characterize the trend in the factual application of zoning restrictions your country?

Increase of application No trend Decrease of application No opinion

Please briefly explain your judgement

Q.144 # § In case of any debate on vessel restrictions please indicate main specifics in the (general) discussion paying attention to issues like • the fleet • the fishery • the species to be protected,

License schemes

Q.145 # Is any fishing license required in your country for:

Artisanal fishing craft		National industrial fishing vessels		Foreign industrial vessels	
Yes	No	Yes	No	Yes	No
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q.146 # We remark that the sub-sectors mentioned above were not defined. They only roughly indicate three fishery sub-sectors. Please describe the fishery types distinguished in your country for the purpose of licensing.

	Description of fishery type <i>Please quote & mention source document.</i>	Fishery type for licensing was introduced:		
		Before 1983	After 1983	If after '83, yr
1		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
2		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
3		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
4		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
5		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
6		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
7		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
8		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
9		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
10		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
11		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>
12		<input type="checkbox"/>	<input type="checkbox"/> →	19 <input type="checkbox"/> <input type="checkbox"/>

Please attach copies of the license application forms as annex 5

Q.147 # Which organization (e.g. Directorate General of fisheries, committee, . .) reviews license applications and since when

Q.148 # Which organization grants eventual final approval to license applications and since when (year).

Q.149 # Briefly describe the process of license application from request to decision (year).

Q.150 # How frequent are license applications rejected in view of effort limitation in protection of (a) resource(s).

Often	Occasionally	Rarely	Never
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q.151 # How do you compare the current licensing system with the one fifteen years ago?

No change occurred	System has been somewhat refined	System has been considerably refined
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

if the system was refined describe these changes paying attention to years in which changes were carried through.

Catch quota

Q.152 # § Is a catch quota system applied in your country for:

<u>Foreign industrial fishing vessels</u>			<u>National industrial vessels</u>		
Yes	No, not anymore abandoned in 19 <input type="checkbox"/> <input type="checkbox"/>	No, never existed	Yes	No, not anymore abandoned in 19 <input type="checkbox"/> <input type="checkbox"/>	No, never existed
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If no, does / should this type of measure **in your opinion** have to be (re)introduced or considered for specific fisheries?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

If yes, which fishery, explain your judgement

Q.153 # if yes, which fisheries, specify details per foreign and / or national fleet & first, and subsequent years of application?

Q.154 # § Is there a system of individual (vessel) quota in your country?

<u>Foreign industrial fishing vessels</u>			<u>National industrial vessels</u>		
Yes	No, not anymore abandoned in 19 <input type="checkbox"/> <input type="checkbox"/>	No, never existed	Yes	No, not anymore abandoned in 19 <input type="checkbox"/> <input type="checkbox"/>	No, never existed
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If no, does / should this type of measure **in your opinion** have to be (re)introduced or considered for specific fisheries?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

If yes, which fishery?

Q.155 # If yes, for which fisheries, specify foreign and / or national fleet and first year, and subsequent years of application?

Q.156 # § How would you characterize the trend in 'expert thinking' in your country on the application of quota restrictions?

Continued absence of debate	Debate somewhat intensified	Debate intensified much	No opinion
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please briefly explain your judgement

Q.157 # § How would you characterize the trend in the factual application of quota restrictions in your country?

Increase of application	No trend	Decrease of application	No opinion
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please briefly explain your judgement

Q.158 # § In case of any debate on quota restrictions please indicate main specifics in the (general) discussion paying attention to issues like • the fleet • the fishery • the species to be protected,

Marketing restrictions

Q.159 # § Do you know of any (local) system(s) in your country where the restrictions are imposed on the daily quantity of fish that may be landed by a fishing unit?*)

Yes No

Q.160 # § If yes, please briefly describe the systems you know or heard of paying attention to:

- primary purpose of the measure (include whether yes or no the measure is taken out of resource management considerations)
- when the system was introduced (it may also concern an old traditional system)
- who took the initiative for the measure
- where in the country , which fishery
- who controls the measure and how
- which sanctions are imposed in case of non-compliance.

**) Example: In Senegal the National Association of Senegalese Artisanal Fishermen (CNPS) , established in 1995, took the initiative for a daily quota on sea bream. Sea bream is a species mainly caught for export. The measure limits landing authorized at 3 boxes of 13 kg each per fishing unit.*

Q.161 # § Do you know of any (local) system(s) in your country where trading of fish is forbidden on certain days or periods?

Yes No

Q.162 # § If yes, please briefly describe the systems you know or heard of paying attention to:

- primary purpose of the measure (yes / no out of resource management considerations)
- when the system was introduced (it may also concern an old traditional system)
- who took the initiative for the measure
- where in the country , which fishery
- who controls the measure and how
- which sanctions are imposed in case of non-compliance.

Q.163 # § Do you know of any rules in your country in terms of who can participate in the market and formal or informal procedures? If yes please give some examples.

Access by foreign vessels

Q.164 # With which countries (neighboring states & distant water fishing nations) companies/organizations did your country sign access agreements during the past fifteen years.

Q.165 # § With which countries (neighboring states & distant water fishing nations) and fishing associations/industry agreements expired without being renewed?

Q.166 # § Please explain (in short) reasons for non-renewal of agreements:

Q.167 # Do the fishing access agreements make reference to a Total Allowable Catch (TAC) ?
TAC=the maximum allowed take (normally annual) from a resource, generally set on scientific (natural, social or economic) grounds.

No, never Some agreements All agreements

First year a TAC was included 19 First year a TAC was included 19

▽ If yes, please quote the sections making reference to the source document(s).

if necessary use back of page

Q.168 # § Assuming that your country, in the long term, opts for a significant increase in or full national exploitation of the fisheries resources Which approach best describes the strategy of your country?

<i>Approach I</i>	<i>Approach II</i>	<i>Approach III</i>
Develop the national fisheries without cooperative effort with the foreign fleet activity possibly (only) channeling some of the access fee revenue towards the sector. <input type="checkbox"/>	Use the foreign fleet activity as a base for the gradual improvement of the national industry through joint ventures, or other cooperation. <input type="checkbox"/>	Halt all foreign fishing activities under access agreements and provide for the issue of additional fishing licenses to national entrepreneurs and companies <input type="checkbox"/>

.. what are the long-term plans in your country regarding access of foreign vessels?

Q.169 § In the light of the above, how would you describe the changes that have taken place in the last fifteen years in the approach of your country.

Q.170 § In the light of the above, what is your personal opinion with respect to the role of foreign fleet activity in your country up to now and the desired strategy for the future?

Q.171 § Would you say that the level of dissension in 'expert opinion' over the role and extent of access for foreign vessels in your country is :

high	medium	low	
views diverge considerably <input type="checkbox"/>	some divergence in opinions <input type="checkbox"/>	'experts' have same opinion <input type="checkbox"/>	no opinion / don't know <input type="checkbox"/>

Please explain your answer

Other measures aimed at controlling catch, effort, or access.

Q.172 # § In the previous pages we have reviewed the application of the most common management measures. Do you know any of measures aimed at controlling catch, effort or access applied in your country? *Also think about traditional systems!!*

Yes

No

If yes, please describe them below indicating when they were introduced

Q.173 # § Are there management measures that are considered as particularly unjust by (a sub-sector of) the fishing industry in your country?

Yes

No

Which measures and why? Start with the one most criticized.

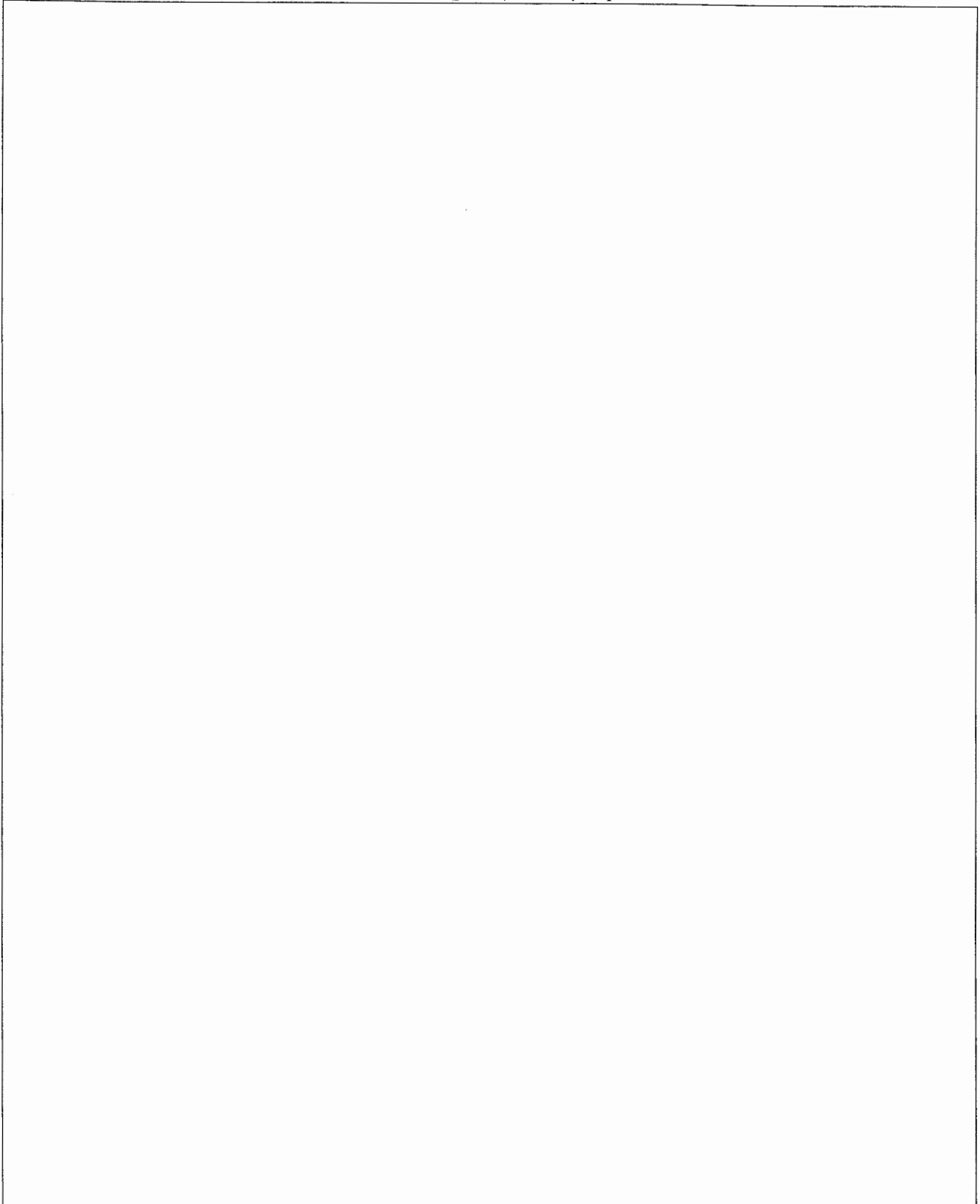
Q.174 § Are there any management measures which in your opinion are particularly inefficient in your country?

Yes

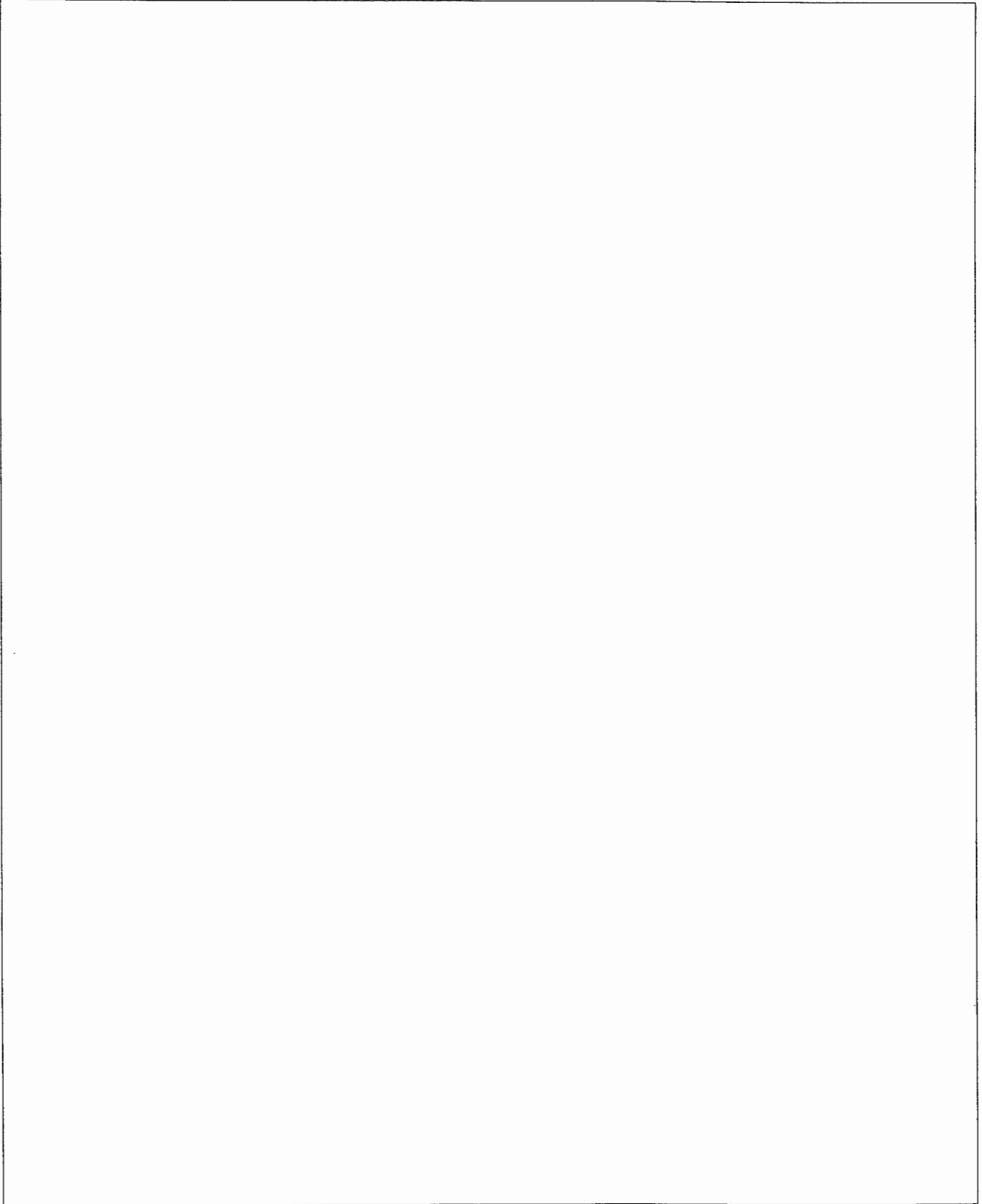
No

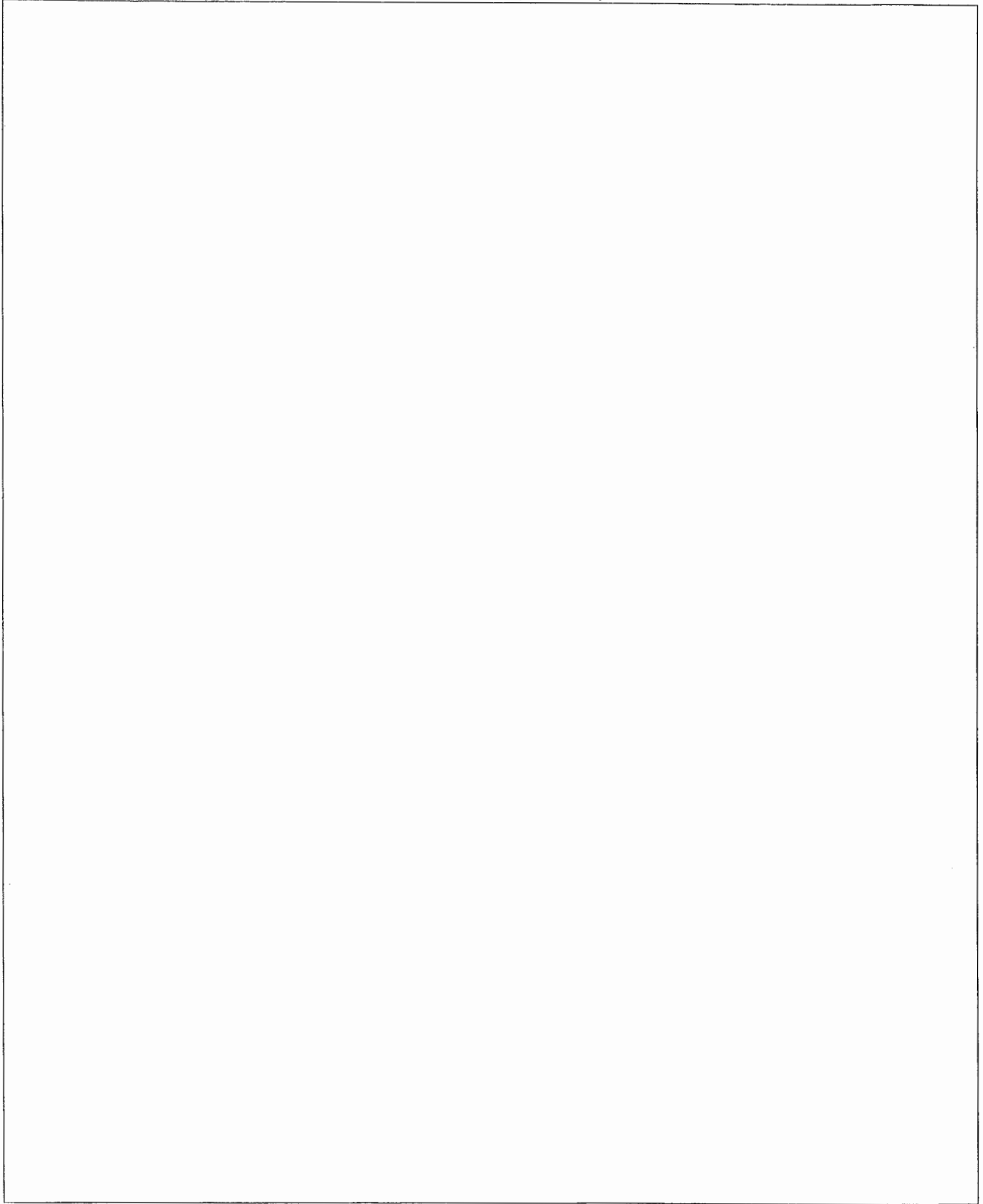
please give some details and *explain while trying to distinguish between* ◦ *operational efficiency* ◦ *biological effectiveness* ◦ *social equity & economic effects* ◦ *economic efficiency*

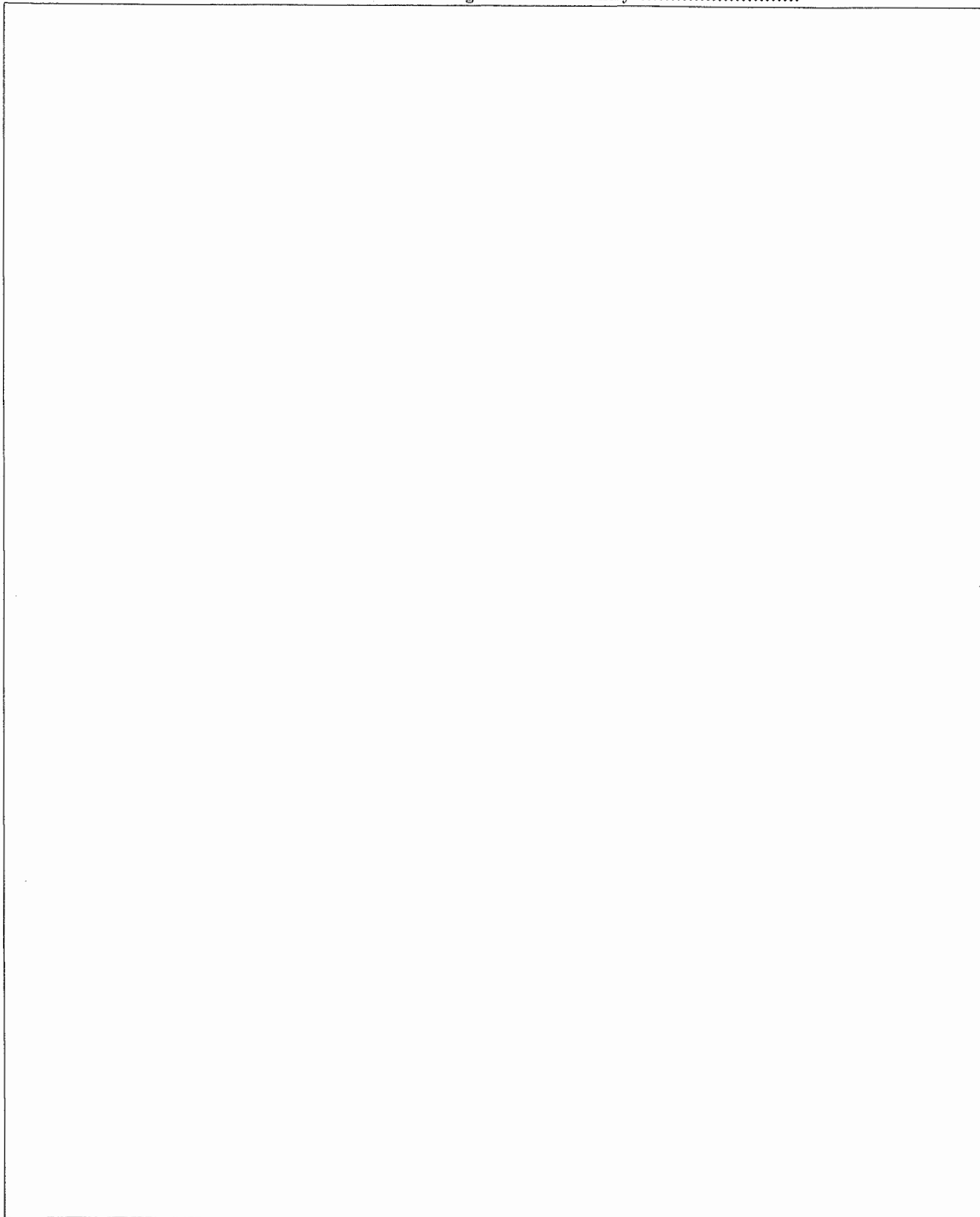
Q.175 § Are there any in your view important issues regarding the evolution of fisheries management that have not yet been discussed during this interview?



Annex 2 Organizational chart MCS structure







Annex 5 License application form(s) of the country

A large, empty rectangular box with a thin black border, occupying most of the page. It is intended for the license application form(s) of the country mentioned in the header.

