

REPORT:

**First COPEMED Forum on Fisheries in the Western Mediterranean
“Regional Cooperation: the Future of the Fishing Sector”**

CONTENTS:

Preface	1
Programme	2
Report	4
Recommendations	8
Communications List	10
Participants list	11

PREFACE :

FAO's **Code of Conduct for Responsible Fishing** (1995) had already mentioned the importance of such dialogue in the fisheries policy-making and implementation processes. Similarly, the **General Fisheries Commission for the Mediterranean** (GFCM) has stressed the importance of having representatives from the fisheries private sector participating to improve the quality of GFCM's work and to facilitate the implementation of its recommendations.

The "1st COPEMED Forum on Fisheries in the Western Mediterranean" "Regional Cooperation: the Future of the Fishing Sector" was held in Madrid from 23 to 25 of July 2003 with the aim of gathering the points of view of the different actors of the fishery system. Our intention is that the Forum be maintained on time and be regularly held so as to achieve the following objectives:

1. Promote a multidisciplinary analysis regarding the fisheries of common interest among the different actors
2. Analyse the reasons why the technical measures adopted cannot often be implemented successfully
3. Promote those procedures making possible to access, discuss and put forward the objectives (short and long term) of the different actors of the Fishing Industry in a transparent, harmonised way

The Forum was attended by representatives of the Fishery administrations, the production sector (ship owners and fishermen), scientists of 7 of the 8 countries participating in COPEMED project. Exception of Libya: Morocco, Algeria, Tunisia, Malta, Italy, France and Spain. Representatives of the Agencia Española de Cooperación Internacional, Ministerio de Medio Ambiente as well as specialised press, civil organisations and NGOs (IUCN, Greenpeace and WWF).

The present document, reports a summary of debates held, and recommendations agreed upon by the participants.

We want to acknowledge the Ministerio de Agricultura Pesca y Alimentación of Spain (Dir. Gral. De Desarrollo Rural) for hosting this venue at its building in Castellana, 112, Madrid and for the logistic support provided.

First COPEMED Forum on Fisheries in the Western Mediterranean
“Regional Cooperation: the Future of the Fishing Sector”

(Madrid, 23-25 July 2003)

PROGRAMME

• **Wednesday July 23, 2003**

09:00-09:30 – Registration and document hand-out

09:30-10:30 – **OPENING SESSION** with the Chairmanship of AECI’s Secretary General

10:30-11:00 – Coffee break

11:00-13:30 – **Introductory Session:**

I. THE ROLE OF INTERNATIONAL COOPERATION

Moderators: Jorge Csirke (FAO) and Rafael Robles (COPEMED)

- I.1. **The Role of International Cooperation in the Development of the Mediterranean Fisheries Sector** by J. Csirke (FAO), R. Robles (COPEMED), F. Massa (ADRIAMED), and R. Cesari (EC)
- I.2. **The Role of Different Stakeholders in the Fisheries Sector** by J.J. Maguire
- I.3. **The Ecosystem Approach to Fisheries** by P. Oliver

12:30-13:30 – **DEBATE** where **CONCLUSIONS** and **RECOMMENDATIONS** will be formulated and discussed

13:30-15:00 – Lunch

15:00-19:00 – **Thematic Session A:**

A. *INSTITUTIONAL COOPERATION*

Moderators: Carlos Domínguez (Executive Director of Fisheries Resources, Spain) and Francis Montanaro Mifsud (former President of the GFCM)

- A.1. **Current Management Policies (particularly those which aim to control fishing effort in fisheries of common interest). Possible international pilot programme in the Alboran Sea.** Presented by representatives of national Administrations and the EC
- A.2. **Cooperation Between National Administrations and Regional Organisations (existing problems)** by F. Montanaro Mifsud (GFCM) and A. Ribeiro Lima (ICCAT)
- A.3. **Comparative Analysis of Fisheries Regulations which Deal with Stakeholder Involvement, Planning Mechanisms, and Fishing Effort Management. Efforts for Harmonisation at the Regional Level** by C. Leria (FAO)
- A.4. **Administration’s Expectations of the Other Stakeholders** coordinated by R. Cesari

17:00-17:30 Coffee break

17:30-19:00 – **DEBATE** where **CONCLUSIONS** and **RECOMMENDATIONS** will be formulated and discussed

• **Thursday July 24, 2003**

09:30-11:15 – **Thematic Session B:**

B. *SCIENTIFIC COOPERATION*

Moderators: Juan Antonio Camiñas (President of GFCM’s Scientific Advisory Committee) and Othman Jarboui (INSTM, Tunisia)

Formulation of Scientific Advice and its Integration into Management Policy (strengths and weaknesses) by J.P. Minet and O. Jarbouï.

Scientists' Actions within Regional Organisations (*existing problems*) by J.A. Camiñas

Presentation of Research Programme Results

Status of small pelagic fisheries in the Alboran Sea in light of the possible launching of an international pilot project by IEO-INRH-University of Barcelona-CNDPA experts

Adaptation of production methods to achieve sustainable fisheries management (fishing gear selectivity) by J. Sacchi/R. and M'Rabet

Recovery of exploited stocks through the creation of marine protected areas by R. Goñi and F. Alvarez

Scientists' Expectations of the Other Stakeholders coordinated by A. Srour and A. Fernandez

11:15-11:45 – Coffee Break with **POSTER SESSION**

11:45-13:15 - **DEBATE** where **CONCLUSIONS** and **RECOMMENDATIONS** will be formulated and discussed

13:15-15:00 – Lunch

15:00-17:00 – **Thematic Session C:**

C. *INTERPROFESSIONAL COOPERATION*

Moderators: Javier Garat (Europêche) and M Ferreti (CIRSPE)

Decision-Making Mechanisms (*strengths and weaknesses*) by a fishing industry representative from each COPEMED country

Professionals' Vision of the Status of Certain Fisheries of Common Interest. Their support for the possible Alboran Sea pilot project. Presented by a fishing industry representative from each COPEMED country

Experiences with the Organisation of the Fishing Industry (examining the creation of a regional inter-professional association) by F. Martínez

Fishing Industry Expectations of the Other Stakeholders. Coordinated by A. Marzoa

17:00-17:30 – Coffee Break

17:30 -19:00 – **DEBATE** where **CONCLUSIONS** and **RECOMMENDATIONS** will be formulated and discussed

– **Video presentation**

• *Friday July 25, 2003*

09:30-13:00 **CLOSING SESSION** with the Chairmanship of the Secretary General of Maritime Fishing, Spain, and in the presence of each country's Fishing Authority

Moderators: Abdellatif Berraho (GFCM President) and Rafael Robles (COPEMED Director)

09:30-11:00

F.1 Presentation and Discussion of Conclusions and Recommendations from the Different Sessions

F.2 Discussion of General Conclusions and Recommendations for the 3 stakeholder groups

F.3 Analysis of the Convenience of Holding Forums on a Regular Basis

11:15-12:15 Coffee Break

12:15-13:00 Adoption of Conclusions and Recommendations and/or a Final Forum Declaration

FINAL REPORT OF THE 1st COPEMED FORUM

The 1st COPEMED Forum with reference to fishing in the Western Mediterranean “Regional cooperation: future of the fishing sector”, took place in Madrid from July 23rd to 25th, 2003.

Representatives from all the COPEMED member countries (except for Libya) and both from Administrations and the Professional Sector and Scientific Institutions did attend throughout the meeting (Annex 1 presents the agenda of the meeting and Annex 2 shows the list of participants). The active participation that took place in all the scheduled debates is to be pointed out.

As specific talks tending to focus the discussions and which have resulted extremely interesting for the audience, we would indicate those referring to:

- a. International cooperation: the role of FAO regional projects*
- b. The role of the different interested parties in the fishing sector*
- c. How to improve the integration of the scientific advice into the management policy*
- d. What do the Regional Fishery Organisations expect from the interested parties?*
- e. Comparative analysis on fishery regulations of common interest*
- f. The ecosystem approach in fisheries*
- g. Recovery of exploited species through the establishment of marine protected areas*
- h. Adaptation of the production means to the fisheries sustainable management (selectivity of fishing gears)*
- i. Situation of the small pelagic fisheries in the Alboran Sea with regard to the possible launching of an international pilot plan.*

The general preliminary session in addition to the 3 planned thematic sessions with regard to the Institutional Cooperation, the Scientific Cooperation and the Inter-professional Cooperation, have counted with a large participation and a very animated debate so that in the end, as it is used to happen in such cases, it was not possible to deal thoroughly with the critical analysis of the failure of several applied management measures.

The presentation of management policies was done in a very general way, being limited to purely descriptive aspects, without getting thoroughly in the regular follow up that should be done after their application nor in the analysis of the results obtained. As a more and less generalised critic towards the said policies, representatives of the European fishing sector have shown their concern for the increasing diminution of the fishing activity due to the more and more restrictive measures that are being applied to the fleets; they also have pointed out their wish that uniformity will exist in the technical measures to be taken, avoiding exceptions. Moreover, the planned start-up of the Regional (and National) Consultative Councils has been considered as an obvious need. Generally in the Southern countries (Tunisia particularly, in accordance with the carried out presentation), there is the feeling that a close collaboration exists originally between the three actors.

The fact that the usefulness of this Forum and the need of its continuity are unanimously recognised shows undoubtedly the appropriateness of the idea and the success of its development since for the first time at the Northern and Southern countries' level it has been possible to congregate a very qualified representation of the three fishing system actors (Administration, Fishing Industry and Investigation).

Even if it can certainly be said that they succeeded in covering the expected results in this first Forum, however and with regard to the preparation of possible next Fora, the convenience has been noticed to focus

on one / two very real and specific topics of discussion so as to be able to succeed in obtaining total analyses about their present situation and their future prospects.

We present hereafter a summary of the discussions held on the different abovementioned topics:

1. IMPORTANCE OF THE COOPERATION BETWEEN THE DIFFERENT ACTORS. 1.1.

1.1. NORTH – SOUTH RELATIONSHIPS.

Consisted of administrators, scientists and fishing professionals, the Forum draws the attention to the need of mutual appreciation of these interlocutors at the national and international level. This is the starting point for an **effective tripartite cooperation that improves the analysis elements, grants transparency to the decision-making process, legitimates measures and contributes with this to a co-responsible performance.**

It has been recognised that North and South of the Mediterranean are components of the same system and that management channels compatible for all are to be found, taking into account the technical and socio-economic considerations of both shores.

1.2. REAL INTEREST IN INTERNATIONAL COOPERATION BY THE FISHERY INVOLVED PARTIES.

- a. **Scientists** have an already established cooperation framework (SAC) and a largest vision of the international cooperation possibilities, thus the collaboration between them is higher and higher.
- b. **The Fishing Industry** does admit its interest in the bilateral cooperation when there is concurrence in the space between two fleets of different countries or in shared fisheries, but not in the absence of direct interaction or in multilateral cases. On the other hand, needless to say there is a lot of interest in the cooperation in topics connected with the market.
- c. **At the Administrations' level**, the European Commission has explicitly recognised the great work performed by the FAO regional projects in recent years in support to the CGPM through the SAC, as well as the profits obtained by the participating countries. The EC has expressed her wish to maintain the work started by them within the future CGPM, integrating into the existing regional projects and into others which are to be established for the Western Mediterranean, as “peripheral offices” or “antennas” of the same CGPM.

It has been confirmed that the Regional Projects have proved their effectiveness in the international cooperation by having succeeded in giving an impulse to:

- a. The equal adjustment of the scientific level between North and South
- b. The capacity to start up multidisciplinary and regional programs on fisheries of common interest, including possible pilot plans
- c. The harmonization of regulations, taking into account the local specificities and the technical and socio-economic considerations of both shores
- d. The performance of many of the works requested by the CGPM and ICCAT and their respective Scientific Committees

2. ADMINISTRATION, FISHERMEN AND SCIENTISTS; WHAT DOES EACH ONE EXPECT FROM THE OTHER INTERESTED PARTIES?

- a. The difficult role of the Administrations when it comes to balancing the scientific advice with the requests of the sector's professionals was made evident.
- b. Both Administrations and the Industry must be conscious of the complexity of the fishing ecosystems and of the fact that scientists cannot resolve all the problems instantaneously.
- c. The availability of quality data has been recognised as a fundamental element in the consultative process for a further decision-making and management. In the absence of these data, the

Precautionary Approach should be applied, proportionally to the seriousness of the problem to be resolved.

- d. Once again it is observed that fishermen, whose subsistence depends of the same fishing activity, are generally hesitant to accept the occasionally drastic measures that are recommended by scientists. The Sector requests that at the time of giving advice scientists take into account the reality of the same Sector as it is and the need of a sufficient time for the application of the advised measures.
- e. The problem related to the lack of communication between the different actors and to the frequently erroneous interpretation of both the information and the scientific advice was shown up. In order to improve the situation, consultations between the parties should be thorough both in time and manner.
- f. It was recognised that the fishing professionals are playing a significant role by encouraging studies and reflections on the problems that affect them, in such a way that fishermen should be involved in the process since the beginning so that the management measures might be effective.
In the face of the multiplicity of existing associations, which implies a distortion factor, the greater and greater profession associative articulation was valued positively, since it allows a more effective participation in the decision-making process. Thus the Forum supports the Européche-COGECA project, financed by the EU, for the founding of a Mediterranean fishing professional association. In this context, Algeria has also pointed out the need of training fishermen in countries like hers, so that to be able to reach the same professional level in the whole Mediterranean basin.
- g. The Forum has concluded that **the three parties should collaborate jointly in the analysis, follow up and assessment of the results of adopted management measures.**

In particular some aspects to be taken into account, being considered as very significant, were indicated:
⇒ **THE ADMINISTRATION AND THE INDUSTRY**, in the light of the FAO Code of Conduct, have to obtain a greater and closest collaboration in the compilation and availability of reliable data on fishing activities: extraction, costs, commercialisation and so on, so that scientists might be able to carry out some solid scientific analysis.

⇒ **THE SCIENTISTS** should:

- i. provide reliable and updated advice that allows establishing efficient and preventive measures to protect the fishing resources. For this purpose, a quality certificate of the involved laboratories as well as the validation of the employed methodologies should be ensured.
- ii. take more into account the impact of pollution and of other environmental modifications provoked by the anthropogenic changes of non-fishing source when it comes to the assessment of resources, since the excessive fishing effort is not the only reason for the diminution of the abundance of these resources.
- iii. systemise the data compilation making it more standardised and coordinated in the whole region.
- iv. diversify more the research themes, including more aspects related to resources, environment, socio-economy and anthropogenic impacts, e.g. socio-economic indicators; forethoughts on the establishment of marine protected areas including temporal or spatial fishing bans, etc.; effects of changes in fishing gear on resource and habitat protection; studies on other factors which negatively impact fishing such as pollution, invasive species,...
- v. improve the spreading of the research results. A much greater effort has to be developed in the vulgarisation of these results among the professional sector, through the simplification and standardisation of the scientific terminology to be used so that the information be accessible at the whole levels.
- vi. ensure a scientific information flow at the regional level, through the regular exchange of information so that it is also exploitable in a multilateral way.

3. THE REGIONAL FISHERY ORGANISATIONS (RFO) AND THEIR DIFFICULTIES FOR ACHIEVING THEIR OBJECTIVES.

The Regional Fishery Organisations (CGPM and ICCAT in the Mediterranean) have also explicitly recognised the extremely positive role developed by the FAO regional projects.

With regard to the difficulties faced by the RFO for the fulfilment of their objectives, the following ones are reported:

- a. Lack of reliable data and uncertainties arising from the same scientific advice
- b. Difficulty in obtaining the information that is required to give advice to governments and support the decision-making because of:
 - i. Insufficient financing from the countries to obtain it
 - ii. Confidentiality problems (sometimes, the information is given incoherent because of the application of the management norms, particularly TACs).
- c. No correspondence, on many occasions, between the governments' objectives at the national level with the general interest at the regional level.
- d. Lack of clarity in the channels of participation of all the actors.

4. COMPARATIVE ANALYSIS OF FISHING REGULATIONS. HARMONISATION OF LEGISLATIONS AND LOCAL SPECIFICITIES

The works in this matter, achieved by COPEMED in the three performed workshops, reveal that all the involved countries have the same type of management norms, with small differences in the limits applied and in the inspection instruments. It has been agreed that GFCM should incorporate to its structure (SAC and its Sub-committees) this already established COPEMED Working Group devoted to legal aspects.

As for the possible harmonisation of norms, it was pointed out that:

- a. It is necessary to consider the local specificities in the process previous to the harmonisation.
- b. Norms are to be harmonised in all the cases where concurrence or interaction of interests do take place.
- c. They could already start harmonising some aspects regarding the national statistical systems (activities already developed by the regional projects -COPEMED and ADRIAMED-, with the imminent support of the new EU-FAO project MEDFISIS on fishing information systems).

5. ECO-SYSTEM APPROACH AND PRECAUTIONARY PRINCIPLE

A certain concern was expressed in the face of the innovation that the adoption of the EAF (*Ecosystem Approach to Fisheries*) might represent. It was explained that this change of approach implies more a change in the management philosophy than in the actual management actions.

The Industry has underlined that, in addition to the essential preservation of resources, it is also primary to ensure the continuance of the proper fishing activity. Within the framework of a sustainable exploitation, the Forum considers that the precautionary approach does also include the protection of the proper fishing sector.

6. MARINE PROTECTED AREAS

The shared experiences during the Forum with regard to the establishment of marine reserves as management tools and their effects on the resources have been well received. It was suggested that the establishment of '*sensu lato*' marine protected areas should be seriously envisaged as an additional option in the sustainable management of the fishing resources.

7. EFFECTS OF THE POSSIBLE EFFORT REDUCTION MEASURES

- a. It was reported to the Forum that socio-economic studies have been carried out in different countries, particularly on socio-economic indicators, within the framework of the COPEMED project. It was indicated the importance of the research on the socio-economic aspects of the fisheries and all the participants have agreed that these ones should be taken very into account when it comes to draw

up some management measures. In view of the present lack of fishing economists and sociologists, the Forum recommends to the Administrations to reinforce their entering into the research organisms of the region.

- b. In consideration of the question asked to the Forum regarding whether the Administrations would be interested to receive information on the effects or consequences of the possible effort reduction measures (be they in number of boats, fishing periods or fishing capacities) and both at the biological level (resources, habitats) as well as at the socio-economic ones (profitability, employment), it has been recognised that all the possible alternatives should be taken into account in the elaboration process of the management measures. Thus, the realisation of studies that also assess the socio-economic consequences of each of them previous to their adoption was supported decidedly and also including those ones that would occur should any measure not be adopted.

On the other hand, the scientists announced that they would be ready to carry out the required analysis as long as they are asked for it by the relevant official instances and they are provided with the appropriate means (funding and data).

8. PILOT PLAN ON SMALL PELAGIC FISHERIES IN THE ALBORAN SEA

- a. The Forum recognises that the start up of a pilot plan on small pelagic fisheries in the Alboran Sea may represent a progress in the involvement of professionals, scientists and administrators in the development of the management measures that contribute to the sustainability of the fishing activity, and a demonstration that an international fisheries joint management can be possible. Consequently, the Forum is in favour of starting up a study on the feasibility of this possible pilot plan.
- b. In this context, COPEMED has been asked to deal with the drawing up of a detailed document on the said plan and to send it to the Administrations in charge belonging to the three involved countries (Spain, Morocco and Algeria). Subsequently, a specific meeting will be organised to debate the continuity to be given to the said pilot plan.
- c. The Algerian delegation has suggested that this project reinforces also the capacities' development within the scientific institutions of the participating countries, particularly the CNDPA in Algeria.
- d. It has remained clear that all the work that COPEMED is going to develop in this matter will be presented previously to the CGPM as competent Mediterranean Regional Fishery Organisation, so that to ensure its support and involvement, should she consider it appropriate.

9. REQUESTS TO THE GFCM

- Having in mind the convenience of the participation and involvement of the professional sector into the management processes, the Forum requests:

1. the direct incorporation of the Industry to the GFCM and its Scientific Committee's works, through the channels that are considered appropriate

- Taking into account that there has been an unanimous agreement on considering that dialogue and discussion Fora, like the present one, are significant instruments to improve the communication between the different actors, including a greater comprehension of the scientific advice and the previous analysis for a possible start up of pilot plans, the Forum suggests that:

2. GFCM analyses the possibility to establish the systematic organisation of Fora of that kind during its intercessions period, in close cooperation with COPEMED and the other regional projects. These Fora will have to define some clear reference terms of practical and immediate interest in the topics to be dealt with.

- In view of the importance of the themes regarding the fishing gears' selectivity as a parameter that provides different options to the management measures, further to those that result from the biological studies, the Forum has raised the possibility that:

3. GFCM would establish a working group specialised in the fishing gears' technology within the framework of the SAC

- Having in mind the works already developed by COPEMED on the analysis of fishery regulations of common interest, the Forum demands that:

4. the work carried out by COPEMED should be continued under GFCM's structures, particularly into the Economics and Social Sub-committee that would become "Economics, legal and social Sub-committee"

- Finally, emphasis has been put on the need that Administrations grant to the SAC and its Subcommittees the importance they deserve. In view of the general interest showed for the start up of multidisciplinary studies on the practical consequences of the application of different effort reduction measures that might be suggested, the Forum proposes that:

5. GFCM-SAC involved Subcommittees will start up some ad hoc working meetings on the practical consequences that the application of possible effort reduction measures may suppose. Necessary data would be brought to the said transversal meetings by Administrations and by the proper Industry, which shows its strong interest in knowing that kind of effects.

1st COPEMED Forum on Mediterranean Fisheries: the regional cooperation

(July 2003)

RECOMMENDATIONS

1. Support international cooperation by *maintaining regional FAO projects*, which would integrate into the future GFCM. The necessary funding for this needs to be secured.
2. Ensure the engagement of the ADMINISTRATIONS AND THE INDUSTRY towards: a) *the consistent and systematized provision of quality statistical basic data*; in order to achieve a reliable basis for scientific advice; b) an increasingly *involvement of the professional sector in actively giving advice to administrations*. A good help in this line would be the creation of regional associations of fishing industry.
3. Require SCIENTISTS to commit themselves on: a) *the use of standardised assessment methodologies and the improvement of the scientific information flow at regional level*; b) *provision of reliable and up-dated advice*; c) *to broaden and diversify current scientific work*, so as to include socio-economic aspects or those related to the ecosystem approach; d) *greater dissemination and clearer understanding of scientific results*, so as to make them more accessible to all interested parties
4. Reinforce *countries participation* (Administration, Industry and Research) *in the RFO (GFCM and ICCAT)* and their scientific committees.
5. Study the *feasibility of an eventual pilot plan on small pelagic fisheries in the Alboran Sea* (Spain, Morocco, Algeria). This pilot plan may represent: a) a progress in the involvement of professionals, scientists and administrators in the implementation of management measures; b) a demonstration that an international fisheries co-management can be possible.
6. Establish *regular dialogue Fora*, under **GFCM** guidance and during intersession periods, to debate specific subjects of common interest.
7. Demand **GFCM** to set up, in the framework of SAC, a *Working Group* to deal with *fishing gear technology*.
8. Request from **GFCM** to incorporate to its structure the COPEMED Working Group on *legal aspects* (possible economics, *legal* and social Sub-committee)
9. Propose the analysis, in advance and within the framework of **GFCM** Scientific Committees, of the *consequences of possible effort reduction measures* (be they number of boats, fishing periods or fishing capacities). These analyses should include the implications of such measures, regarding both biological aspects (resources, habitats) and socio-economic ones (profitability, employment).

LIST OF PRESENTATIONS

1. *COPEMED contribution to international fishery cooperation in Western Mediterranean.* By Rafael Robles.
2. *Presentation of the ADRIAMED project.* By Fabio Massa.
3. *The role of different stakeholders in the fisheries sector.* By Jean-Jacques Maguire
4. *El enfoque ecosistémico en las pesquerías La gestión de la pesca basada en el ecosistema.* By Pere Oliver
5. *Análisis Comparativo de las reglamentaciones en materia de pesca, los mecanismos de planificación y la gestión del esfuerzo de pesca. Intentos de armonización a nivel regional.* By Cristina Lería
6. *Les avis scientifiques sur l'état des ressources halieutiques : propositions visant à améliorer les processus de leur élaboration.* By Jean-Pierre Minet
7. *Formulation et intégration de l'avis scientifique dans la politique d'aménagement : cas de la Tunisie.* By Othman Jarboui
8. *Los Científicos y las Organizaciones Regionales Pesqueras.* By Juan Antonio Camiñas
9. *Pêcheries des petits pélagiques de la méditerranée marocaine: Etat de connaissance.* By Abdallah Srour.
10. *La Pesca de Pequeños Pelágicos en el Mar de Alborán: Indicadores socioeconómicos.* By Ramón Franquesa
11. *Propuesta: Plan Piloto para la pesca de pequeños pelágicos del Mar de Alborán.* By Juan Antonio Camiñas
12. *Mise en place d'un réseau d'échantillonnage. Les petits pélagiques de l'extrême ouest algérien.* By Sarah Cheniti
13. *Sélectivité des chaluts méditerranéens.* By Jaques Sacchi
14. *La mise au point des engins de pêche sélectifs. Leur contribution a une gestion rationnelle et durable des pêcheries en Tunisie.* By Ridha M'Rabet
15. *Recovery of exploited stocks through the creation of marine protected areas.* By Federico Alvarez.
16. *¿Qué espera el sector profesional de las otras partes interesadas?.* By Antonio Marzoa

LIST OF PARTICIPANTS

FIRST COPEMED FORUM on Fisheries in the Western Mediterranean

Madrid, July 23-25, 2003

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