

**REPORT OF THE MEETING OF THE
STANDING COMMITTEE ON OBSERVATION
AND INSPECTION (SCOI)**

REPORT OF THE MEETING OF THE STANDING COMMITTEE ON OBSERVATION AND INSPECTION (SCOI)

The Standing Committee met on 7, 8 and 10 November, 1989, under the Chairmanship of Mr R.V. Arnaudo (USA), and considered agenda items 9 (Establishment of a System of Observation and Inspection) and 10 (Compliance with Conservation Measures in Force).

ESTABLISHMENT OF A SYSTEM OF OBSERVATION AND INSPECTION

2. In response to a request from the Commission at the Seventh Meeting, the Executive Secretary had prepared the following for consideration by the Standing Committee (CCAMLR-VIII/7):

- (a) a pennant for inspectors' vessels;
- (b) a Report of Inspection form;
- (c) an inspector identification card;
- (d) a list of Commission measures currently in effect;
- (e) fishing gear identification mark;
- (f) list of inspectors designated by Contracting Parties for 1989/90;
- (g) lists of harvesting and research vessels in the CCAMLR Convention Area during 1989/90;
- (h) descriptions of funding arrangements for other international fishery inspection systems;
- (i) outline of an Inspector's Manual; and
- (j) dictionary of useful questions and terms for inspectors.

3. The Committee reviewed the Executive Secretary's draft Inspection Report, Inspector's Identification Card, Inspector's Manual and Inspector's Dictionary, as well as the pennant

prototype. After various modifications and amendments, the Committee recommended that the Commission approve these items which will allow the CCAMLR System of Observation and Inspection, as agreed upon at the Seventh Meeting, to be fully implemented. The agreed versions are appended to this report.

4. The Committee further recommended that the Commission request that the Executive Secretary prepare the necessary quantities of these items for distribution as soon as possible to Parties.

5. The Committee requested delegates from those Parties whose countries' language is not among the four Convention languages to assist the Executive Secretary as appropriate in the translation of the Inspection Report, the Inspector's Dictionary, Inspector's Manual, and other relevant documentation.

6. The Committee recommended that the Commission request Parties that are conducting harvesting operations in the Convention Area provide copies of the documents specified in paragraph 5 to fishing vessels in order to facilitate any inspections and to ensure that all operators are familiar with all CCAMLR measures.

7. The Committee discussed the Observation and Inspection System, as approved at the Seventh Meeting. Some Contracting Parties pointed out that the documents approved by the Committee to implement the System did not reflect all of the elements of the System approved at the Seventh Meeting. It was also noted that the documents introduced additional positive procedures to facilitate the operation of the System. Several possible modifications to improve the System were discussed, but it was agreed that it would be preferable to allow the System to operate for a period of time before any changes would be considered. It was agreed to place this item on the agenda of the Standing Committee at the Ninth Meeting, and Parties were encouraged to circulate any suggested improvements prior to that meeting.

8. In this regard, it was also suggested by several delegations that after the System had been in place for a period of time, it might be appropriate for CCAMLR to sponsor a workshop on the System to review specific aspects of its operation, such as *inter alia*, boarding procedures, inspecting techniques, and log books. The workshop might include inspectors and vessel captains.

9. The Delegation of Japan raised three areas of concern regarding the CCAMLR Observation and Inspection System:

- (a) equal distribution of inspections;

- (b) duration of an inspection; and
- (c) size of an inspection team.

The Committee noted the Japanese concerns, which were shared by other delegations. Parties designating Inspectors agreed to take these concerns into account. There was general agreement that inspections should be conducted equitably and as quickly as reasonable and that the size of the inspection team should be kept to a minimum, bearing in mind the unusual conditions of the Southern Ocean.

10. The Committee elaborated the following procedure for processing Reports of Inspection:

- (a) At the completion of the inspection, a copy of the Report signed by both the inspector and the master of the vessel is to be given to the master.
- (b) The inspector will provide a copy of the Report to the designating government.
- (c) Copies of all Reports of Inspection should be sent to the CCAMLR Secretariat and the Flag State of the inspected vessel as soon as possible after the inspection, but not later than 1 July.
- (d) If there is an alleged infraction, a copy of the Report will be sent immediately to both the CCAMLR Executive Secretary and the Flag State of the inspected vessel.
- (e) Comments, if any, from the Flag State of the inspected vessel should be sent to the CCAMLR Secretariat as soon as possible after the inspection but not later than 1 September.

11. Members of the Standing Committee were invited to describe national efforts to give legal effect to the CCAMLR System of Observation and Inspection and to select and train inspectors. Some Members described the regulations that they have developed which implements the System domestically. They have, as required by Article XXI, transmitted copies of these regulations to the Executive Secretary. The Delegation of Japan stated that the functions of inspectors and observers are inherently different and the System does not make any distinction between the two. It further noted that the obligation of a Contracting Party under the System is the one related to inspectors. Therefore, Japan expressed the intent to introduce relevant domestic procedures to implement the System based on the above understandings.

12. Four Member countries have designated inspectors. The Chilean Delegation indicated that its three inspectors have considerable background in inspection and are prepared by their experience to assume duties in the Convention Area. The United States noted that it had formally trained its own inspectors by developing and providing the inspectors with an extensive Operations Manual; by including the inspectors in its two week national observer training class; by arranging three days of species identification training at its national systematics laboratory; and through briefing by its representatives to CCAMLR and the Scientific Committee. The Soviet Delegation noted that the Soviet Union assigns its own domestic fishing inspectors to the Convention Area to ensure compliance. Masters of fishing vessels are required to pass an examination of CCAMLR measures before being allowed to fish in the Convention Area.

13. Parties were reminded that at the Seventh Meeting, they were requested to provide relevant domestic laws and regulations governing the performance and requirements of observers and inspectors (CCAMLR-VII, paragraph 129). The Standing Committee noted that parties should provide the Commission with information on any appropriate measures they have taken to ensure compliance with provisions of the Convention or Conservation Measures, in accordance with Article XXI.

14. Several delegations expressed the need for further elaboration of a system governing observers and observation, in as much as the actions taken by the Committee refer primarily to inspectors and inspection. It was agreed that the elements of a system governing observers and observation should be discussed at the Ninth Meeting. Parties might wish to provide views on possible elements of the system to the Executive Secretary for distribution to other Parties prior to the meeting.

15. With regard to funding, the Committee reviewed the discussion of the issue which took place at the Seventh Meeting. It also discussed the comments received from other international fishery commissions (CCAMLR-VIII/7, Annex 8). The Committee took no further action on the matter at this time.

16. The Standing Committee agreed that the agenda at its next meeting should include:

- (a) Reports of Inspection;
- (b) Compliance; and
- (c) Review of the Operation of the System.

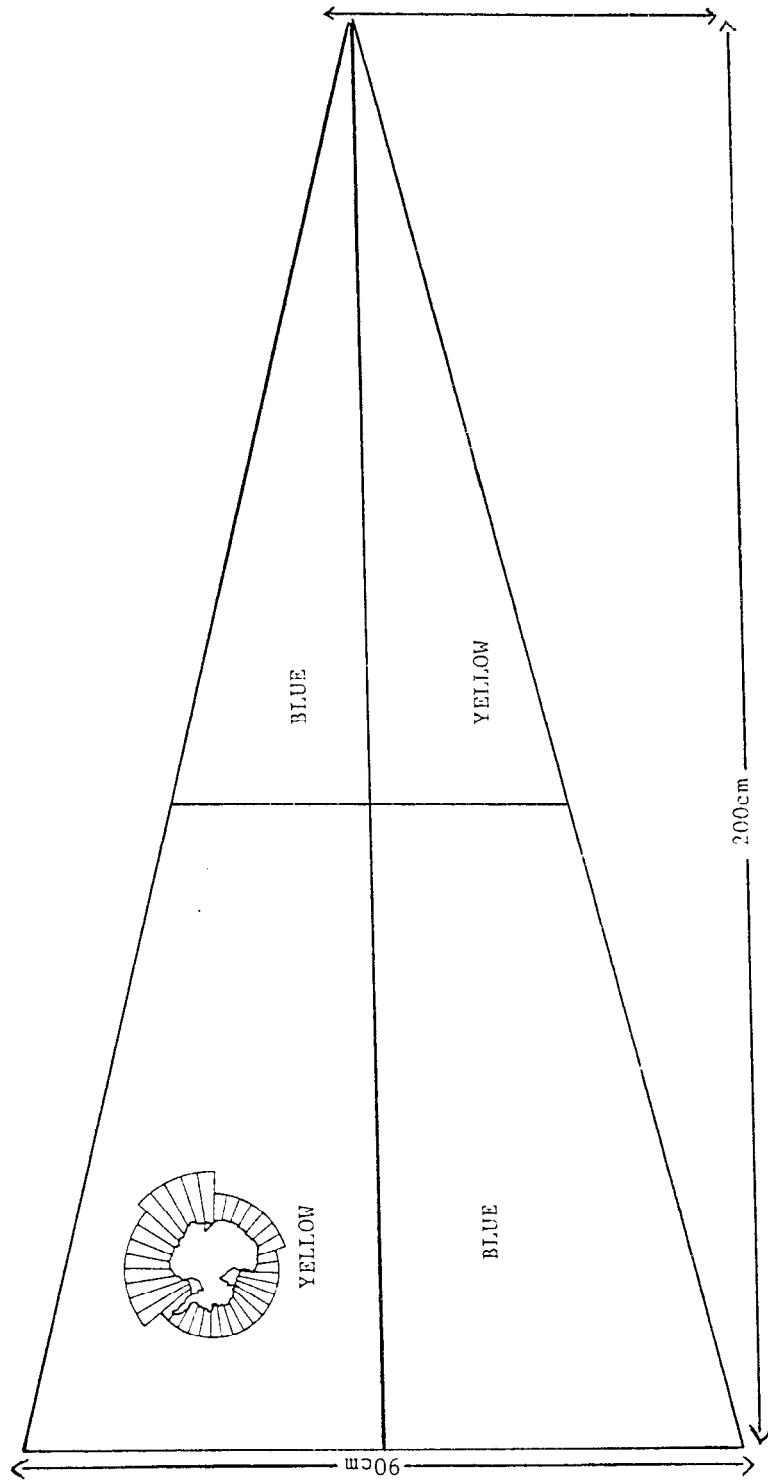
COMPLIANCE WITH CONSERVATION MEASURES IN FORCE

17. No items were brought to the attention of the Standing Committee.

APPOINTMENT OF CHAIRMAN AND VICE-CHAIRMAN

18. The Committee noted that the Chairman and Vice-Chairman have served for two meetings, and, in accordance with normal procedure, have completed their terms.

CCAMLR SYSTEM OF OBSERVATION AND INSPECTION PENNANT



**COMMISSION FOR THE CONSERVATION OF
ANTARCTIC MARINE LIVING RESOURCES**

REPORT OF INSPECTION

(Inspector: Please use CAPITAL BLOCK LETTERS)

Note to master of the vessel to be Inspected

The CCAMLR inspector will produce his CCAMLR document of identity on boarding. He is then entitled to inspect and measure all fishing gear on or near the working deck and readily available for use and the catch on and/or below decks and any relevant documents. This inspection will be to check your compliance with CCAMLR's measures to which your Country has not objected and, notwithstanding any such objection, to inspect the logbook entries and fishing records for the Convention Area and the catches on board. The inspector is authorised to examine and photograph the vessel's gear, catch, logbook or other relevant document. The inspector will not ask you to haul your nets. However, he may remain on board until the net is hauled in.

AUTHORISED INSPECTOR(S)

1. NAME(S)
- DESIGNATING COUNTRY
2. Name and Identifying letters and/or Number of Vessel carrying the Inspector

INFORMATION ON VESSEL INSPECTED

3. Country and Port of Register
4. Vessel's Name and Registration Number
5. Type of Vessel (fishing, research)
6. Master's Name
7. Owner's Name and Address
8. Position as determined by inspecting vessel's master at GMT
 Lat Long
- (a) Equipment used in determining position
-
-
9. Position as determined by inspected vessel's master at GMT
 Lat Long

(a) Equipment used in determining position.....

DATE AND TIMES THE INSPECTION COMMENCED AND FINISHED

10. Date Time arrived on board..... GMT; Time of Departure.....GMT

GEAR ON OR NEAR THE WORKING DECK INSPECTED

11.

| | 1st net | 2nd net | 3rd net |
|---|---------|---------|---------|
| Type of Net (pelagic or bottom trawl) | | | |
| Net Material | | | |
| Single or double twine | | | |
| Net (measured wet) on or near trawl deck | | | |
| Type of net attachments inspected | | | |
| Remarks | | | |

MESH MEASUREMENT - IN MILLIMETRES

12.

Net No Location of net to be measured (in water)
 (on work deck)

Condition of Net (rigging)
 (wet-dry)

Initial measurement pursuant to Conservation Measure 4/V (Article 6)

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| | | | | | | | | | | | | | | | | | | | | |

Total mm for 20 mesh ÷ 20 measurements = average mesh size

40 additional measurements in accordance with Conservation Measure 4/V (Article 6)

| | | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | |
| | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | |
| | | | | | | | | | | | | | | | | | | | | |

Total mm for 60 mesh ÷ 60 measurements = average mesh size

If master disputes initial 60 mesh measurements, a further 20 meshes will be measured using a weight or dynamometer in accordance with Conservation Measure 4/V (Article 6(2)). This measurement will be considered final.

Final measurement in case of dispute, Conservation Measure 4/V (Article 6(2))

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| | | | | | | | | | | | | | | | | | | | | |

Total mm for 20 mesh ÷ 20 measurements = average mesh size

14. Result of inspection of catches on board

| FISH SPECIES USE 3-ALPHA CODE | INSPECTORS ESTIMATE (TONNES) |
|----------------------------------|---------------------------------|
| | |
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Inspectors comments on how estimates were calculated:

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15. Has the following data been recorded in the log book or other ship's records on board the vessel?

Description of Vessel

| Yes | No | |
|-----|----|---|
| | | name of ship |
| | | type of vessel |
| | | registration number and port of registration |
| | | ship nationality |
| | | gross registered tonnage |
| | | length overall (m) |
| | | maximum shaft power (kW at rev/min) or horsepower |

Description of Gear

| Yes | No | |
|-----|----|---|
| | | trawl type (according to fao nomenclature) |
| | | code number for trawl type |
| | | mesh size at mouth (mm) |
| | | mesh size at codend (mm stretched) |
| | | liner mesh size (mm) |
| | | net plan (includes strip lengths, twine sizes, mesh sizes) |
| | | gear plan (otter boards, bridles, etc., as appropriate) |
| | | underwater acoustic equipment, echosounders (types and frequencies), sonar (types and frequencies), netsonde (yes/no) |

Tow Information

| Yes | No | |
|-----|----|---|
| | | date |
| | | position at start of fishing (in degrees and minutes) |
| | | time at start of fishing (in hour and minutes GMT; if local time, indicate the variation from GMT) |
| | | time at end of fishing (before hauling) |
| | | bottom depth (m) |
| | | fishing depth (only if midwater trawl) |
| | | direction of trawling (if the track changed during trawling, give the direction of the longest part of the track) |
| | | towing speed |

Environment

| Yes | No | |
|-----|----|--|
| | | presence or not of ice in water |
| | | cloud coverage or type of weather |
| | | speed of wind (knots) or wind force (Beaufort Scale) and direction |
| | | sea surface temperature |
| | | air temperature |

Catch Records for Each Tow

| Yes | No | |
|-----|----|--|
| | | estimated total catch (kg) |
| | | approximate species composition (percent of total) |
| | | amount and composition of discards |
| | | number of boxes of each size of fish per species, if any |
| | | presence of fish larvae |

Daily Record of General Information

| Yes | No | |
|-----|----|--|
| | | time at start of searching |
| | | time at end of searching and start of haul |
| | | time search is resumed after haul |
| | | time searching ends |

16. Are copies of the CCAMLR placard on marine debris openly displayed on board the vessel?

| Yes | No |
|-----|----|
| | |

17. Is the International Radio Call Sign prominently displayed on a weather deck and both the port and starboard sides of the vessel?

| Yes | No |
|-----|----|
| | |

18. Has a record been kept of:

(a) the dates, places types and quantities of any fishing gear lost in the Area?

| Yes | No |
|-----|----|
| | |

(b) lost or discarded nets, net fragments, strapping bands or other potentially hazardous marine debris, its condition and quantity, found incidentally during the operation of the vessel in the Area?

| Yes | No |
|-----|----|
| | |

(c) the number and condition of any fish, birds, marine mammals or other organisms entangled in the debris when found?

| Yes | No |
|-----|----|
| | |

(d) what was done with the debris?

| Yes | No |
|-----|----|
| | |

(e) an inventory of the types and quantities of netting on board?

| Yes | No |
|-----|----|
| | |

(f) Is each net identified?

| Yes | No |
|-----|----|
| | |

(g) the number, species, age, size, sex and reproductive status of any birds and marine mammals taken incidentally during fishing operations?

| Yes | No |
|-----|----|
| | |

19. Are there any birds or marine mammals, dead or alive, on board?

| Yes | No |
|-----|----|
| | |

Note to master of inspected vessel:

At this stage the inspection will finish unless an apparent infringement has been found. If no apparent infringement is found go to item 27. If an apparent infringement has been found the inspector will write the infringement here and sign at this point. You must countersign to show that you have been informed of the infringement. Your signature does not constitute acceptance of the apparent infringement.

2.0

Nature of apparent infringement:

Signature of inspector:

Signature of master:

If an apparent infringement has been found, the inspector is authorised to:

- 1) re-examine and photograph the inspected vessel's gear, catch, logbooks or other relevant documents;
- 2) ask you to cease fishing if the apparent infringement consists of
 - (a) fishing in a closed area or with gear prohibited in a specific area;
 - (b) fishing for stocks or species after the date on which the Executive Secretary has notified Members that a directed fishery

COMMENTS AND OBSERVATIONS

21. Document inspected following an apparent infringement

22. Comments: (In case of a difference between the inspector's estimates of the catches on board and the related summaries of catches from the logbooks, note this difference with the percentage)

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23. Subjects of photographs taken relating to an apparent infringement

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24. Other comments, statements and/or observations by Inspector(s) in case of apparent mesh size infringement include here the identification number of the net marker attached by the inspector)

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25. Statements of Second Inspector or Witness

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26. Name and Signature of Second Inspector or Witness

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27. Signature of Inspector in charge

28. Statement of Master's Witness

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29. Name and Signature of Master's Witness(es)

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30. Acknowledgement and receipt of report:

I, the undersigned, Master of the vessel, hereby confirm that a copy of this report and second photographs taken have been delivered to me on this date. My signature does not constitute acceptance of any part of the contents of the report.

Date

Signature

31. Comments and signature by the Master of vessel

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ONE COPY TO MASTER, ORIGINAL AND OTHER COPY TO BE RETAINED BY INSPECTOR FOR REQUIRED DISTRIBUTION

REMARKS

Inspectors should use these pages to record their comments on any aspect of the inspection they feel should be reported.

FRONT OF IDENTITY CARD

| | |
|--|-------------------------------|
| <p>COMMISSION FOR THE CONSERVATION OF ANTARCTIC MARINE LIVING RESOURCES</p> | |
| <p>The Bearer of this Document</p> | |
| <p>(Name in Capitals)</p> | |
| <p>.....</p> | |
| <p>(Signature)</p> | |
| <p>is a CCAMLR inspector and has the authority to act under the arrangement approved by the Commission until 1 July 1990</p> | |
| <p>Issued by:</p> | |
| <p>Signature:</p> | <p>Date:</p> |
| <p>.....</p> | |
| <p>(Name of issuing country in capitals, and Inspector's identity number)</p> | |
| <p>Photograph</p> | <p>Seal or Official Stamp</p> |

BACK OF IDENTITY CARD

| |
|---|
| <p>The bearer of this card is an authorised inspector under the CCAMLR System of Observation & Inspection</p> |
| <p>The porteur de cette carte est un inspecteur autorisé à agir selon le Système d'observation et d'inspection de la CCAMLR</p> |
| <p>Der Träger dieses Ausweises ist ein im Rahmen des CCAMLR Inspektions- und Beobachtungssystems autorisierter Inspektor</p> |
| <p>Japanese translation to be inserted here</p> |
| <p>Korean translation to be inserted here</p> |
| <p>Okaziciel tego dokumentu jest upowaznionym inspektorem działającym w ramach Systemu Obserwacji i Kontroli Konwencji o Ochronie Zywych Zasobow Morskich Antarktyki (CCAMLR)</p> |
| <p>El portador de esta tarjeta es un inspector autorizado según el Sistema de Observación e Inspección de la CCRVMA</p> |

LISTS OF MEASURES CURRENTLY IN EFFECT

- A. Reporting requirements of the Convention on the Conservation of Antarctic Marine Living Resources.
ARTICLE IX 1. (c)
ARTICLE XX
ARTICLE XXI

- B. Schedule of Conservation measures in Force
(issued in July 1989)

- C. Data to be compulsorily recorded by vessels operating in the Convention Area (see paragraph 45, CCAMLR-IV).

- D. Commission requirements in relation to the Assessment and Avoidance of Incidental Mortality of Antarctic Marine Living Resources

D. COMMISSION REQUIREMENTS IN RELATION TO THE ASSESSMENT AND AVOIDANCE OF INCIDENTAL MORTALITY OF ANTARCTIC MARINE LIVING RESOURCES

The Commission has recognised that both incidental catch during fishing operations and accidental entanglement in or ingestion of marine debris by fish, birds, marine mammals and other living resources could interfere with efforts to achieve the objectives of the Conventions.

Copies of a brochure have been provided to all Members for distribution to fishery and other Antarctic operators to inform them of the fates and effects of marine debris. A placard for mounting on the bulkhead of ships has also been provided. Copies of both are attached.

Members have agreed to take such steps as may be necessary to ensure that:

- (i) the International Radio Call Sign (IRCS) or other appropriate identification sign is prominently displayed on a weather deck and on both the port and starboard side of all their flag vessels engaged in fishing or related activities in the Convention Area so that the identification signs can be easily read from the air and from other vessels;
- (ii) all their flag vessels engaged in fishing and associated activities in the Convention Area maintain a record of and report the dates, places, types and quantities of any fishing gear lost in the Convention Area;
- (iii) when feasible, samples of any lost or discarded nets, net fragments, strapping bands, or other potentially hazardous marine debris found incidentally by their nationals in the Convention Area be collected and provided to the Secretariat for archiving along with information on when, where, how and how much debris was found, the condition of the debris when found, the species, number and condition of any birds, marine mammals or other organisms entangled in the debris when found, and what was done with any parts of the debris not sent to the Secretariat for archiving; and,
- (iv) when feasible, potentially hazardous debris found by their nationals in the Convention Area be recovered and returned to port or otherwise disposed of in a manner that will ensure it poses no further risk to ships or living marine resources.

and to:

- (a) request that their nationals working at Antarctic coastal stations or on research or supply vessels operating in the Convention Area report any observations of lost or discarded fishing gear, binding materials or other man-made debris, with information on the species and numbers of animals found entangled therein, and any incidents of man-made debris fouling propellers, rudders, or water in-take valves of vessels operating in the Convention Area;
- (b) periodically survey beaches, and seal and penguin colonies in the vicinity of their coastal stations and other areas as may be feasible, to determine the types, quantities, and, as possible, sources of any fishing gear or other debris accumulating there; and
- (c) determine practical and effective means for marking fishing nets or parts thereof and the possible costs and benefits of requiring that nets or net materials be marked and that vessels engaged in fishing and related activities in the Convention Area maintain an inventory of the types and quantities of netting brought into the Convention Area.

INCIDENTAL CATCH

Members have also agreed to take such steps as necessary to ensure that operators of vessels engaged in fishing and related operations in the Convention Area maintain a record and report the number, species, and where appropriate the age and size, sex and reproductive status, of any birds and marine mammals taken incidentally during fishing operations. These data are to be archived and summaries of the data, by statistical areas, reported to the Executive Secretary each year for distribution to Members.

OUTLINE OF INSPECTOR'S MANUAL

This attachment contains an outline of a document that the Commission might provide to designated inspectors to assist them to carry out their inspections. It includes an introduction and three sections. The first section, 'Standard References' is to include information that in general will not change from year to year. The second section, 'Annual References' contains information which in almost every case will have to be updated annually. The third section deals with the 'CCAMLR Observation and Inspection System' itself.

The purpose of this 'Outline' is to indicate existing information published by the Commission that might be included in a manual and where necessary to suggest explanatory text that might be approved for inclusion.

CCAMLR OBSERVATION AND INSPECTION SYSTEM INSPECTOR'S MANUAL

INTRODUCTION

The Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR) is an intergovernmental organisation established by an international convention with the objective of conserving Antarctic marine living resources while allowing for their rational use. The Convention seeks to conserve not only the exploited species but all species in the Antarctic Marine ecosystem.

To achieve this objective the Commission annually reviews fishing and research activity in the Convention Area and adopts measures to regulate fishing, makes decisions requiring the collection and reporting of data and adopts other measures concerning the conservation of Antarctic marine life.

The CCAMLR System of Observation and Inspection has been established to ensure that activities undertaken in Antarctic waters are done so in accordance with the measures adopted by the Commission.

The verification of compliance with measures adopted by the Commission in pursuit of its objectives is of central importance in the implementation of the Convention. Since they play such a significant and prominent role in this process, it is essential that inspectors fully understand their functions, rights and responsibilities and that they conduct their inspections courteously and professionally. This manual has been prepared by the CCAMLR Secretariat to provide CCAMLR Inspectors with all available information that might assist them in the conduct of their duties.

SECTION 1. STANDARD REFERENCES

Map of the Convention Area

Map of CCAMLR Statistical Areas

List of Members of the Commission

Text of the Convention on the Conservation of Antarctic Marine Living Resources

(Copies of these documents will be included in this section without comment).

SECTION 2. ANNUAL REFERENCES

CONSERVATION MEASURES IN FORCE

A copy of the current version of this document will be included here without comment.

OTHER MEASURES IN FORCE

A copy of other measures agreed by the Commission will be included here without comment.

SCIENTIFIC RESEARCH EXEMPTION

In order to monitor the status and recovery of exploited species the Commission has acknowledged that it will be necessary to allow fishing for research purposes to be conducted in areas, on certain species or under conditions that are precluded by measures in force. Such fishing

may be undertaken by research vessels or by vessels specially chartered for the purpose that would normally be engaged in commercial fishing or fisheries support.

The Commission maintains a Register of Permanent Research Vessels. A copy is included in this Manual.

Members planning to use commercial vessels or fisheries support vessels for research are required to notify the Commission six months in advance of the planned starting date. The information to be provided should include:

- (i) a statement of the planned research objectives;
- (ii) a description of when, where and what activities are planned including the number and duration of trawls being planned;
- (iii) the name(s) of the chief scientist(s) responsible for planning and coordinating the research, and the number of scientists and crew expected to be aboard the vessel(s);
and
- (iv) the name, type, size, registration number and radio call sign(s) of the vessel(s).

LIST OF COMMERCIAL FISHING VESSELS AND FISHERIES SUPPORT VESSELS NOTIFIED TO THE COMMISSION AS BEING INVOLVED IN RESEARCH ACTIVITIES IN THE CONVENTION AREA IN 1989/90

No vessels have been notified

REGISTER OF PERMANENT RESEARCH VESSELS

The current list will be included without comment.

LIST OF VESSELS OF CCAMLR MEMBERS INTENDING TO HARVEST IN THE CONVENTION AREA IN 1989/90

The current list will be included without comment.

STATUS OF ANTARCTIC MARINE LIVING RESOURCES

The following paragraphs are extracts from the Reports of the Meetings of the Scientific Committee at which its most recent assessments of the status of each of these groups of Antarctic marine living resources were made.

KRILL

The relevant paragraphs of SC-CAMLR-VIII will be included here without comment.

FISH

The relevant paragraphs of SC-CAMLR-VIII will be included here without comment.

SQUID

The relevant paragraphs of SC-CAMLR-VIII will be included here without comment.

Reports of Members' Activities in the Convention Area

Research Programs of CCAMLR Members for 1989/90 and 1990/91

Reports of Members on the Assessment and Avoidance of Incidental Mortality of Antarctic Marine Living Resources

CCAMLR Forms and Instructions for Reporting

Fine-scale Catch and Fishing Effort Data

SECTION 3

CCAMLR OBSERVATION AND INSPECTION SYSTEM

TEXT OF THE CCAMLR OBSERVATION AND INSPECTION SYSTEM

(A copy of the text will be included without comment.)

INSPECTION PENNANT

(A copy of the approved design will be included.)

IDENTIFICATION DOCUMENT

Inspectors are required to carry an identity document of the type shown below. (Insert copy).

FISHING GEAR IDENTIFICATION MARK

A standard marker has been approved for identifying gear that has been judged by an inspector to be contrary to standards set by the Commission. It is in the form of a sealable plastic ribbon with an identifying number stamped into it. The identifying number is to be recorded in the appropriate space in the form for reporting the inspection.

REPORT OF INSPECTION

CCAMLR Inspectors are required to prepare a report of each inspection carried out. A standard reporting form provided for this purpose is shown below. The form is designed to cover those aspects of the inspection concerning compliance with the formal measures adopted by the Commission under the procedures laid down in the Convention. A list of these measures is included in Section 2 of the Manual under the heading 'Conservation Measures in Force'.

The form also provides for reporting on aspects that have a less formal level of agreement, but nevertheless have been acknowledged by the Commission as being directly concerned with the objectives of the Convention, e.g. those aspects of the inspection relating to the incidental mortality of birds and mammals.

Inspectors are reminded of the importance of reporting their observations clearly and factually. When in doubt as to the interpretation of a measure and therefore in doubt as to whether an infringement of that measure has occurred, Inspectors should not record an apparent infringement in the Report of Inspection but they should report their observations. (Insert copy of Report of Inspection.)

DICTIONARY OF QUESTIONS AND TERMS

The following list of questions and terms have been prepared to assist inspectors to make themselves understood on vessels of countries known to operate in the Convention Area. (Insert list.)

LIST OF DESIGNATED INSPECTORS

(Insert list.)

REPORTS OF THE STANDING COMMITTEE ON OBSERVATION AND INSPECTION

(This chapter will contain excerpts of the reports of the Standing Committee that are useful and relevant to the inspectors. At this stage all of the relevant material has been included in other chapters of this Manual.)

CCAMLR SYSTEM OF OBSERVATION AND INSPECTION

DICTIONARY OF USEFUL QUESTIONS AND TERMS

PART 1

1. Fishing in these waters is subject to regulation by the Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR). Its regulations are binding on its Members and the operating Country of this vessel is a Member.
2. I am an authorised inspector under the CCAMLR System of Observation and Inspection. Here is my document of identity. I should like to see the master of this vessel.
3. Please give me your name.
4. Please cooperate with me in my examination of your catch/equipment/documents in accordance with the Commission's regulations for this area.
5. Please check your position and time now.
6. I am reporting your position as° lat° long atGMT. Do you agree?
7. Would you like to check your position with my instruments on board the inspection vessel?
8. Do you agree now?
9. Please show me the documents establishing the nationality of your vessel/the registration documents/the bridge logbook/the fishing logbook(s).
10. Please write down the name and address of the owners of this vessel in the space I am indicating on the Report Form.
11. What principal species are you fishing for?

12. I agree.
13. Yes.
14. I do not agree.
15. No.
16. Please take me to the bridge/the working deck/the processing area/fish holds.
17. Do you use any net attachment? If so, what type? Please write it down in the space I am indicating.
18. Please switch on these lights.
19. I wish to examine that net/chafing gear.
20. Show me the other fishing gear you have on or near the fishing deck.
21. Show me your net gauge, if any.
22. Ask your men to hold that net so that I can measure it.
23. Please put that net underwater for 10 minutes.
24. I have inspected meshes in this net.
25. Check that I have recorded accurately on the Report Form in the space I am indicating the width of the meshes I have measured.
26. I wish to inspect your catch. Have you finished sorting the fish?
27. Will you please lay out those fish?
28. I wish to estimate the proportion of regulated species in your catch.

29. Please turn to the copy of the Report Form in your language. I would appreciate your assistance in supplying me with the necessary information to complete it. I will indicate which sections.

PART II

30. If you do not give your cooperation as I have requested, I will report your refusal.

31. I have found the average width of the meshes I have measured in that net is mm. This appears to be below the minimum applicable mesh size, and will be reported.

32. I have found net attachments/other fishing gear which appear to be illegal. This will be reported.

33. I shall now affix the identification mark to this piece of fishing gear which is to be preserved with the mark attached until viewed by a fisheries inspector of your Government at his demand.

34. I have found undersized fish. I shall report this.

35. I find that you are apparently fishing this area during a closed season/with gear not permitted/for stocks or species not permitted. This will be reported.

36. I have found a by-catch of regulated species which appears to be above the permitted amounts. I shall report this.

37. I have made copies of the following entry/entries in this document. Please sign them to certify that they are true copies.

38. I would like to communicate with a designated authority of your Government. Please arrange for this message to be sent and for any answer to be received.

39. I would like to communicate with a designated authority of my Government. Please arrange for this message to be sent and for any answer to be received.

40. Do you wish to make any observations concerning this inspection including its conduct and that of the inspector(s)? If so, please do so in the space I am indicating on the Report Form

on which I have set out my findings. Please sign the observations. Do you have any witnesses who wish to make observation? If so, they may do so in the space I am indicating on the Report Form.

41. I am leaving. Thank you.