

**CONSERVATION MEASURE 10-04 (2002)**  
**Automated Satellite-Linked Vessel**  
**Monitoring Systems (VMS)**

Species	all except krill
Area	all
Season	all
Gear	all

The Commission hereby adopts the following conservation measure in accordance with Article IX of the Convention:

1. Each Contracting Party shall maintain an automated Vessel Monitoring System (VMS) to monitor the position of its fishing vessels, which are licensed<sup>1</sup> in accordance with Conservation Measure 10-02.
2. The implementation of VMS on vessels while participating only in a krill fishery is not currently required.
3. Each Contracting Party, within two working days of receiving the required VMS information, shall provide to the Secretariat dates and the statistical area, subarea or division for each of the following movements of its flag fishing vessels:
  - (i) entering and leaving the Convention Area;
  - (ii) crossing boundaries between CCAMLR statistical areas, subareas and divisions.
4. For the purpose of this measure, VMS means a system where, *inter alia*:
  - (i) through the installation of satellite-tracking devices on board its fishing vessels, the Flag State receives automatic transmission of certain information. This information includes the fishing vessel identification, location, date and time, and is collected by the Flag State at least every four hours to enable it to monitor effectively its flag vessels;
  - (ii) performance standards provide, as a minimum, that the VMS:
    - (a) for both the hardware and software components, shall be tamper proof, i.e. shall not permit the input or output of false positions and must not be capable of being manually over-ridden;
    - (b) is fully automatic and operational at all times regardless of environmental conditions;
    - (c) provides real time data;
    - (d) provides the geographical position of the vessel, with a position error of less than 500 m with a confidence interval of 99%, the format being determined by the Flag State;
    - (e) in addition to regular messages, provides special messages when the vessel enters or leaves the Convention Area and when it moves between one CCAMLR area, subarea or division within the Convention Area.
5. Contracting Parties shall not issue licences under Conservation Measure 10-02 unless the VMS complies with paragraph 4 in its entirety.

6. In the event of technical failure or other non-function of the VMS, the master or the owner of the fishing vessel, as a minimum:
  - (i) shall communicate at least once every 24 hours, starting from the time that this event was detected, the data referred in paragraph 4(i) by telex, by fax, by telephone message or by radio to the Flag State;
  - (ii) shall take immediate steps to have the device repaired or replaced as soon as possible, and, in any event, within two months. If during that period the vessel returns to port it shall not be allowed to commence a further fishing trip without having the defective device repaired or replaced.
7. In the event that the VMS ceases to operate, the Contracting Party as soon as possible shall advise the Executive Secretary of the name of the vessel, the date, time and the location of the vessel when the VMS failed. The Party shall also inform the Executive Secretary when the VMS becomes operational again. The Executive Secretary shall make such information available to Contracting Parties upon request.
8. Contracting Parties shall report to the Secretariat before the start of annual meetings of the Commission, on the VMS which has been introduced in accordance with paragraphs 1 and 2, including its technical details, on:
  - (i) any change in the VMS;
  - (ii) in accordance with paragraph XI of the CCAMLR System of Inspection, all cases where they have determined, with the assistance of the VMS that vessels of their flag had fished in the Convention Area in possible contravention of CCAMLR conservation measures.

<sup>1</sup> Includes permitted