

## SPRFMO IV REPORT – ANNEX G

### VESSEL MONITORING SYSTEM

#### Minimum standards for the collection, reporting, verification and exchange of data

September 2007

With regard to the fishing vessels flying their flag and approved to fish for non-highly migratory fishery resources in the Area:

#### 1. Implementation of Vessel Monitoring Systems

Participants are to develop, implement and improve systems to:

- (a) Ensure that all of their vessels fishing in the Area are fitted with fully operational automatic location communicator (ALC) reporting back to the flag state.
- (b) Ensure that ALC on their vessels remain operational, and report in accordance with this standard, at all times and in all areas while operational in the SPRFMO area.
- (c) Maintain a record of all vessel position information reported while these vessels are operational in the SPRFMO area, such that this information may be used to document vessel activity in the SPRFMO area, and to validate fishing position information provided by those vessels.

#### 2. Frequency and Accuracy of VMS Position Reports

Participants are to ensure that:

- (a) VMS position reports are reported by each of their vessels:
  - (i) at least once every 2 hours if fishing using benthic or benthopelagic<sup>1</sup> trawling or if operating within 20nm of an EEZ boundary;
  - (ii) at least once every four hours in other circumstances.
- (b) All VMS Position reports are made in accordance with the specification in paragraph 3 of this standard.
- (c) Under normal satellite navigation operating conditions, positions derived from the data reported are to be accurate to within 500<sup>2</sup>m.

---

<sup>1</sup> Benthopelagic trawling is interpreted here to mean trawling with a mid-water net where the net has a likelihood of coming into contact with the seabed at any time during the trawling operation.

<sup>2</sup> 500m should be adequate for scientific purposes but for compliance purposes a greater accuracy may be required.

### 3. Content of VMS Position Reports

Participants are to ensure that all VMS Position Reports made by their vessels include at least the following information:

<b>Category</b>	<b>Data Element</b>	<b>Remarks</b>
Vessel registration	Static unique vessel identifier	For example, country code followed by national vessel registration number
Activity detail	Latitude	Position latitude (decimal degrees, to the nearest 0.01 degree)
Activity detail	Longitude	Position longitude (decimal degrees, to the nearest 0.01 degree)
Message detail	Date	Position date in UTC
Message detail	Time	Position time in UTC