

or information regarding the status of VMS systems being evaluated by NOAA for approval, write to NOAA Fisheries Office for Law Enforcement (OLE), 8484 Georgia Avenue, Suite 415, Silver Spring, MD 20910.

To submit a completed and signed checklist, mail or fax it to NOAA Enforcement, 7600 Sand Point Way NE; Seattle, WA 98115; fax (206) 526-6528.

For more addresses regarding approved VMS, see the **SUPPLEMENTARY INFORMATION** section, under the heading "VMS Provider Addresses".

FOR FURTHER INFORMATION CONTACT: For current listing information contact Mark Oswell, Outreach Specialist, phone 301-427-2300, fax 301-427-2055. For questions regarding VMS installation, activation checklists, and status of evaluations, contact Jonathan Pinkerton, National VMS Program Manager, phone 301-427-2300, fax 301-427-2055. For questions regarding the checklist, contact Joe Albert, Northwest Divisional VMS Program Manager, phone 206-526-6133.

The public may acquire this notice, installation checklist, and relevant updates via the "fax-back" service, or by contacting Joe Albert, Northwest Divisional VMS Program Manager, Northwest Division, phone (206) 526-6133.

SUPPLEMENTARY INFORMATION:

I. VMS Mobile Transceiver Units

A. INMARSAT-C Transceivers

The Inmarsat-C satellite communications VMS transmitting units that meet the minimum technical requirements for the Pacific Coast groundfish fishery are the Thrane & Thrane Fishery "Capsat" (part number TT-3022D-NMFS) and the Thrane & Thrane Fishery "Mini-C" (part number TT-3026-NMFS). The address for the Thrane & Thrane distributor (LandSea Systems) dealer contact is provided under the heading VMS Provider Addresses.

Thrane & Thrane TT-3022D-NMFS Features: The transceiver consists of an integrated GPS/Inmarsat-C unit in the wheelhouse and an antenna mounted atop the vessel. The unit is factory pre-configured for NMFS VMS operations (non-Global Maritime Distress & Safety System (non-GMDSS)). Satellite commissioning services are provided by LandSea Systems personnel.

Automatic GPS position reporting starts after transceiver installation and power activation onboard the vessel. The unit is a car-radio-sized transceiver using a floating 10 to 32 VDC power supply. The unit is configured for automatic reduced position

transmissions when the vessel is stationary (i.e., in port). It allows for port stays without power drain or power shut down. The unit restarts normal position transmission automatically when the vessel goes to sea.

The outside antenna, model TT-3005M, is a compact omni-directional Inmarsat-C/GPS antenna, providing operation down to +/-15 deg. angles.

A configuration option is available to automatically send position reports to a private address, such as a fleet management company. Another available option is the ability to send and receive private e-mail and other messages with the purchase and installation of an input device such as a laptop, personal computer, or message display terminal.

Thrane & Thrane TT-3026-NMFS features: The transceiver consists of an integrated GPS/Inmarsat-C unit mounted atop the vessel. The unit is factory pre-configured for NMFS VMS operations (non-Global Maritime Distress & Safety System (non-GMDSS)). Satellite commissioning services are provided by LandSea Systems personnel.

Automatic GPS position reporting starts after transceiver installation and power activation onboard the vessel. The unit is an integrated transceiver/antenna/GPS design using a floating 10 to 32 VDC power supply. The unit is configured for automatic reduced position transmissions when the vessel is stationary (i.e., in port). It allows for port stays without power drain or power shut down. The unit restarts normal position transmission automatically when the vessel goes to sea.

The TT-3026-NMFS provides operation down to +/-15 degree angles. Although the unit has the capability of two-way communication to send and receive private e-mail and other messages; it can only use this capability when additional equipment not required by NMFS is purchased (i.e., a laptop, personal computer, or message display terminal). A configuration option is available to automatically send position reports to a private address, such as a fleet management company.

A vessel owner wishing to purchase either of these systems may contact the entity identified under the heading VMS Provider Addresses for Thrane & Thrane TT-3022D-NMFS and TT-3026-NMFS. The owner should identify himself or herself as a vessel owner in the "Pacific Coast groundfish fishery." The Thrane & Thrane transceiver set the vessel owner purchases will be configured for the Pacific Coast groundfish fishery.

To use the TT-3022-NMFS or the TT-3026-NMFS, the vessel owner will

need to establish an Inmarsat-C system use contract with an approved Inmarsat-C communications service provider. The owner will be required to complete the Inmarsat-C "Registration for Service Activation for Maritime Mobile Earth Station." The owner should consult with LandSea Systems when completing this form.

LandSea Systems personnel will perform the following before shipment: (a) configure the transceiver according to OLE specifications for the Pacific Coast groundfish fishery; (b) download the predetermined NMFS position reporting and broadcast command identification numbers into the unit; (c) test the unit to ensure operation when installation has been completed on the vessel; and (d) forward the Inmarsat service provider and the transceiver identifying information to OLE.

B. INMARSAT D+ Transceivers

The Inmarsat-D+ satellite communications VMS transmitting unit that meets the minimum technical requirements for the Pacific Coast groundfish fishery is the Satamatics SAT-101 (model number SAT-101 NMFS/PCG). The address for the Satamatics contact is provided under the heading VMS Provider Addresses.

Satamatics-101 NMFS/PCG Features: The transceiver is part of a bundled service provided by Satamatics that includes the transceiver and the satellite airtime. The transceiver is delivered as a complete kit including main unit, antenna, antenna mount, cabling, power connector and detailed installation manual. The main unit is an integrated GPS receiver and Inmarsat-D+ transmitter receiver measuring 4.375in. x 6.75in. x 1.5 in. For the VMS environment, it is enclosed in a secure ruggedized outer box so that it can be mounted inside the superstructure or hull of the vessel or externally in any location sheltered from "green seas." Prime power to the unit is a floating 9.6 to 30 Vdc. The main unit includes a back up, re-chargeable battery. The antenna is small and lightweight measuring 4.375in. diameter and 1.5 in. high and weighing 0.5 lbs. The transceiver is factory pre-configured for NMFS VMS requirements for each fishery for "plug and play" installation and operation requiring no specialized training or expertise.

Automatic GPS position reporting can start immediately after transceiver installation and power activation onboard the vessel. The unit is configured for automatic reduced position transmissions when the vessel is stationary (i.e., in port). It allows for port stays without power drain or power