



**COMMISSION
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Koror, PALAU
5-9 December 2011

ANNUAL REPORT FOR THE VESSEL MONITORING SYSTEM

**WCPFC8-2011/26
4 November 2011**

INTRODUCTION

CMM2007-02 in accordance with Article 10 of the WCPFC Convention called for the implementation of the WCPFC Vessel Monitoring System (Commission VMS). This paper is the annual report on the operation of the Commission VMS. The paper is in three sections.

- VMS Operations;
- VMS Implementation Constraints and
- TCC7 Recommendations and Suggestions to WCPFC8
 - Manual Reporting
 - ALC/MTU Audit Template
 - VMS Template

1. VMS Operations

The Commission VMS has been operational since 1st April 2009. Currently there are 3,195 vessels being monitored on the Commission VMS of which 52% are also registered on the FFA VMS.

Table 1. Number of vessels by gear type.

| Vessel Type | Number of Vessel |
|----------------------------|-------------------------|
| BUNKER | 48 |
| FISH CARRIER | 185 |
| HARPOON | 1 |
| JIGGING LINE | 1 |
| LINER NEI | 1 |
| LONGLINE | 2,566 |
| MOTHERSHIP | 5 |
| MULTIPURPOSE VESSEL | 5 |
| POLE AND LINE | 88 |
| RESEARCH - TRAINING VESSEL | 24 |
| SINGLE PURSE SEINE | 258 |
| SUPPORT VESSEL | 3 |
| TROLL | 8 |

| | |
|--------------|--------------|
| OTHERS | 2 |
| TOTAL | 3,195 |

The overall reporting rates of vessels activated to report directly to WCPFC VMS are 92%. Only 54% of the WCPFC activated vessels are currently reporting while on the high seas of the Convention Area while for the remainder, their time is spent in the EEZ of the Convention Area, in port with their ALC/MTU switched off, or outside of the Convention Area.

Service Level Agreement with FFA

The Secretariat developed and manages a Service Level Agreement (SLA) with the FFA for provision of VMS services. This SLA was signed by the Secretariats of the WCPFC and FFA in early December 2008. Since then the WCPFC Secretariat has met quarterly with the FFA Secretariat to monitor the delivery of SLA services in support of Commission VMS implementation.

The Commission VMS provider (FFA) and the Secretariat have agreed to a new schedule of fees under Schedule 3. These new fees will save the Commission approximately \$200,000 annually and have been backdated to 1 January 2011. The following are the new fees:

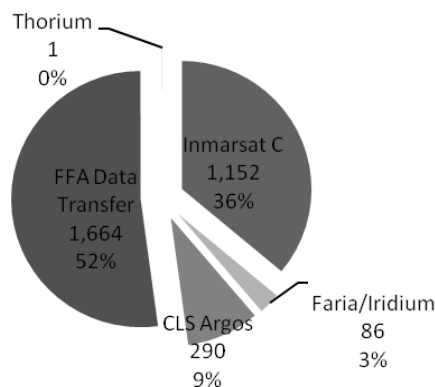
| Service | Current Charge | New Charge |
|---|----------------|------------|
| Vessel activation | \$200.00 | \$150.00 |
| Client activation | \$1,250.00 | \$1,150.00 |
| Client De-activation | \$250.00 | \$150.00 |
| MTU Monthly recurring charges | \$18.00 | \$10.00 |
| FFA High Seas data transfer | \$18.00 | \$8.50 |
| Monthly Network, Tape Backup & Internet Charges | \$1,250.00 | \$ - |
| Monthly Help Desk and SLA support | \$1,000.00 | \$500.00 |

Mobile Communications Service Providers

The WCPFC Secretariat has entered into, and maintained direct contracts with mobile communications service providers for the provision of position (and other) data from the MTUs/ALCs to the Commission VMS. Currently, WCPFC Secretariat has ongoing contracts with:

- Vizada – for Inmarsat DNID management; and
- Satcomms Australia - for Inmarsat C, D+ and Iridium services.
- CLS Argos – for Argos and Thorium units

Argos MTUs position reports are provided at no cost to the Secretariat except for Thorium MTUs.



VMS Template.

At WCPFC7 the Commission approved WCPFC7 2010-DP27 (Rev 1). The Secretariat was tasked to develop a VMS Template to accommodate applications for Commission VMS to monitor vessel activities in CCMs' national waters. The 1st template was circulated on 18th February 2011 for comments and amendments. TCC7 reviewed the draft VMS Template Agreement prepared by the Secretariat but were unable to finalize the VMS Template Agreement. TCC7 recommended that the USA continue to work with CCMs inter-sessionally and requested that CCMs provide comments on the current draft of the Template Agreement (WCPFC-TCC7-2011-DP/18), by 5 November 2011. The USA will then prepare a revised version of the VMS Template Agreement for consideration by the Commission at WCPFC8.

Commission VMS Security and Data Integrity.

The WCPFC Secretariat is required to provide a stable, reliable, fully maintained and supported Commission VMS that conforms to the security standards set out in the Commission's ISP. The WCPFC Secretariat relies on the annual security review ensure the Commission VMS is maintained in accordance with this requirement.

The integrity of the Secretariat's VMS data will be verified annually by qualified personnel, exterior to Commission Secretariat staff. The next independent VMS Security Review is planned for 2012.

Provision of High Seas Data for MCS Activities

WCPFC data rules allow for CCMs undertaking MCS operations to request from the Secretariat high seas vessel position data up to 100 nautical miles adjacent to, and outside their Exclusive Economic Zones. Eight CCMs have requested and received VMS vessel position data for various MCS activities.

Eastern High Seas Pocket Special Management Area

CCM 2010-02 provides for the management of the EHSP. The three CCMs (Cook Islands, Kiribati and French Polynesia) and the WCPFC Secretariat are responsible for this SMA. In June 2011 the Secretariat posted the coordinates of the SMA and advised CCMs and vessel operators of the entering into force of CMM 2010-02 on 1st July 2011 specifying the Secretariat's contact point for entry/exit/transshipment/sightings reports.

The management partners (Cook Islands, Kiribati and French Polynesia) and the Secretariat will continue to jointly monitor the SMA for compliance and will follow standard Commission procedures to investigate any anomalies and undertake appropriate actions for non-compliance enforcement.

Staff

The VMS section has 3 staff- the VMS Manager and two VMS Operations Officers (VMSOO). The VMSOO have been assisting CCMs in providing data for MCS activities. One staff attended the FFA VMS Training held in Wollongong NSW, Australia in June 2011. The other attended onsite training at the FFA Regional Surveillance Centre in Honiara, Solomon Islands supporting real time MCS operations such as Operation BigEye.

2. VMS Implementation Constraints

The VMS staff encountered the following issues and constraints in CMMs this year in providing advice and direction on the VMS. These issues were discussed at TCC7.

Vessel Tracking Agreement Form (VTAF).

For Mobile Communications Service Providers (MCSPs) to activate a vessel to be tracked, the vessel owner/operator must give his/her consent for the vessel to be monitored. The VTAF is the document that authorizes this action. The VTAF should form part of the mandatory required data for vessels wishing to

be listed on the WCPFC Record of Fishing Vessel and on the Interim Register of Carriers and Bunkers under CMM 2009-01 Para 6. This would require an amendment to CMM 2009-01. This requirement would serve two purposes: a) ensure common vessel data on both systems and reduce costs of duplicate reporting; b) ensure all vessels that are to operate in the Convention Area are able to be tracked on VMS from the time their authorization commences. TCC7 discussed this issue, but the issue remains unresolved.

ALCs Comply with WCPFC standards

Annex 1 of the CMM 2007-02 sets the minimum standard for Mobile Transceiver Unit (MTU)/Automatic Location Communicator (ALC) used in the Commission VMS. The Faria Watchdog does not meet the requirements under para 13 of the Annex1 because it uses two cables from the antenna to the indoor unit. TCC7 recommended a review Annex 1 of CMM 2007-02 and that the provision for 2 cable connection be added. This MTU/ALC model, the Faria Watchdog that is currently used by 179 vessels does not meet the requirements under paragraph 13 of the Annex1. The USA offered to lead the drafting of a revision to CMM 2007-02 to include this model.

Paragraphs 2.9 and 2.13 of the SSPs state that “CCMs are to carry out a periodic audit of a representative sample of installed ALCs. The results of these audits will be provided to the Commission by CCMs in the Part 2 component of their respective annual reports to the Commission and those results compiled by the Secretariat into a VMS Audit Report Document”. At the time of preparation of this paper no audit reports had been included in Part 2 Annual Reports received by the Secretariat in accordance with CCMs obligations under the SSPs. TCC7 tasked the Secretariat to draft an MTU Audit template to assist CCMs in the inspections of MTUs. Refer to paper WCPFC8-2011/28.

Manual Report – SSP bracketed text

TCC7 reviewed the remaining bracketed text in the Commission VMS SSPs in paragraphs 5.4 and 5.5 related to manual reporting. CCMs were not able to agree on final text for these provisions, but wish to ensure that there is a manual reporting requirement and a requirement for vessels to return to port. Several members requested the Secretariat to provide a tabulated breakdown of vessel names, ALC/MTU type, fleet, gear type, and period and regularity of manual reporting within the Annual Reports to assist in resolving the issues of the bracketed text.

The Secretariat maintains a log of all vessels placed on manual reporting consistent with paragraph 5.6 of the SSPs. The manual reports are also entered in the Commission VMS database. It should be noted that some vessels have delayed in reporting manually until urged by their flag State. Since 2009 there have been over 6,800 manual reports received by the Secretariat.

Number of vessels by flag that have provided manual position reports by year.

| FLAG | 2009 | 2010 | 2011 |
|--------------------------------|-------------|-------------|-------------|
| China | 2 | 14 | 6 |
| Ecuador | 1 | | 1 |
| Federated States of Micronesia | | | 1 |
| Japan | | 11 | 3 |
| Kiribati | | | 2 |
| Korea | | 2 | 6 |
| Chinese Taipei | 15 | 57 | 34 |
| Vanuatu | 2 | | |

| | | | |
|--------------|-----------|-----------|-----------|
| TOTAL | 20 | 84 | 53 |
|--------------|-----------|-----------|-----------|

The list of vessels that have provided manual position reports is appended in Attachment 1.

The USA prepared a paper to review Manual reporting procedure: *PROPOSAL TO MODIFY VMS SSPs RELATED TO MANUAL REPORTING - WCPFC-TCC7-2011-DP/19 Rev. 2* is appended in Attachment 2.

Monitoring of national waters (Article 24 (8))

A draft Template has been circulated with final comments from CCMs. A number of CCMs have expressed interest in utilizing the Template to minimize the IUU opportunities in their waters. It is noted that final and timely agreement on this Template would foster implementation for those flag States who wish to access the Commission VMS data in their EEZs to reduce IUU fishing.

TCC7 reviewed the draft VMS Template Agreement prepared by the Secretariat but were unable to finalize the VMS Template Agreement. TCC7 recommended that the USA continue to work with CCMs inter-sessionally and requested that CCMs provide comments on the current draft of the Template Agreement (WCPFC-TCC7-2011-DP/18), by 5 November 2011. The USA will then prepare a revised version of the VMS Template Agreement for consideration by the Commission at WCPFC8.

3. TCC7 Recommendations and suggestion to WCPFC8

Manual Reports

TCC7 requested the Secretariat to provide a list of manual reports for their consideration. The breakdown of the 6800 manual reports by vessel names, ALC/MTU type, fleet, gear type, and period and regularity of manual reporting year are in Attachment 1.

ALCs Comply with WCPFC standards

CCMs are to carry out a periodic audit of a representative sample of installed ALCs. The results of these audits will be provided to the Commission by CCMs in the Part 2 component of their respective annual reports to the Commission and those results compiled by the Secretariat into a VMS Audit Report Document.

TCC7 directed the Secretariat to prepare an ALC/MTU audit template and to include a field for ALC/MTU audits in the Part 2 Annual Report template.

VMS Template

TCC7 reviewed the draft VMS Template Agreement prepared by the Secretariat but were unable to finalize the VMS Template Agreement.

TCC7 recommends that the US continue to work with CCMs intersessionally and requests that CCMs provide it with comments on the current draft of the Template Agreement (WCPFC-TCC7-2011-DP/18) by 5 November 2011. The US will then prepare a revised version of the VMS Template Agreement, based on comments received, for consideration by the Commission at WCPFC8.

LIST OF MANUAL REPORTS BY YEAR, VESSEL NAMES, ALC/MTU TYPE, FLEET, GEAR TYPE, AND PERIOD OF MANUAL REPORTING

YEAR: 2009

| Vessel Name | IRCS | FLAG | MTU | GEAR LL- longliner PS-purse seine R- Research | May | Jun | Jul | Aug | Sep | Oct | Total |
|------------------------------|--------|------|-----------------|---|-----------|------------|------------|------------|-----------|----------|--------------|
| | | | | | | | | | | | |
| CHANG JAAN NO.1 | YJSW2 | VU | FFA VMS | LL | | | 30 | 93 | 28 | | 151 |
| CHIA MING SHENG | BK7153 | TW | Thrane & Thrane | LL | | 6 | | | | | 6 |
| CHIH CHI FENG NO.1 | BJ4871 | TW | Thrane & Thrane | LL | | | 32 | | | | 32 |
| DER HAE NO.2 | BJ4980 | TW | FFA VMS | LL | | | 11 | 7 | | | 18 |
| GOLDEN NO.301 | BJ4896 | TW | Thrane & Thrane | LL | | | 29 | 27 | | | 56 |
| HORNG SHYANG | BK7403 | TW | Thrane & Thrane | LL | | | 1 | | | | 1 |
| HUNG FA NO.128 | BK7729 | TW | Thrane & Thrane | LL | | 28 | | | | | 28 |
| JIA DER FA 6 | BJ4415 | TW | FFA VMS | LL | 5 | 1 | | | | | 6 |
| JIN ROEI FWU NO.6 | BJ4502 | TW | Thrane & Thrane | LL | | | 1 | | | | 1 |
| JIN SHENQ LIH NO.33 | BK7484 | TW | Thrane & Thrane | LL | | | 1 | | | | 1 |
| JINN LONG YU | BK6263 | TW | Thrane & Thrane | LL | | | 1 | | | | 1 |
| JINN LONG YU NO.2 | BJ4178 | TW | Thrane & Thrane | LL | | | 1 | | | | 1 |
| MAN HSIANG HSIN | BK7394 | TW | Thrane & Thrane | LL | | 51 | | | | | 51 |
| NINE LUCKY NO.6 | YJSY4 | VU | Trimble | LL | | | | | | 6 | 6 |
| NO.36 CHIUAN SHENG | BJ3592 | CN | Thrane & Thrane | LL | 1 | 76 | 17 | | | | 94 |
| SHENG I TSAI NO.368 | BJ4889 | TW | Thrane & Thrane | LL | | 107 | | | | | 107 |
| SHIN TSAI FA NO.6 | BJ4357 | TW | FFA VMS | LL | | 4 | 1 | | | | 5 |
| UGAVI DOS | HC4593 | EC | FFA VMS | PS | 9 | | | | | | 9 |
| XIN SHI JI 101 | BZ 4UB | CN | Thrane & Thrane | LL | | | 198 | 504 | | | 702 |
| YU LONG 2 | BJ4874 | TW | FFA VMS | LL | | | | 35 | | | 35 |
| Number of vessels: 20 | | | | | 15 | 273 | 323 | 666 | 28 | 6 | 1,311 |

YEAR: 2010

| Vessel Name | IRCS | FLAG | MTU | GEAR | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Dec | Total |
|-----------------------|--------|------|-----------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| CHI CHENG NO.11 | BJ4795 | TW | Thrane & Thrane | LL | | | | | | | | 37 | | | | 37 |
| CHIA CHUN NO.23 | BJ4838 | TW | Thrane & Thrane | LL | | | | | | | 5 | 40 | | | | 45 |
| CHUNG YIH | BK7110 | TW | Argos | LL | | | | | | | | 21 | | | | 21 |
| CHYUAN SHENQ NO.16 | BJ3803 | TW | Thrane & Thrane | LL | | | | | | | | 3 | | | | 3 |
| CHYUAN SHENQ NO.333 | BJ3565 | TW | Argos | LL | | | | 5 | 10 | 6 | | | | | | 21 |
| DER YUH SHENG | BK7143 | TW | Thrane & Thrane | LL | | | | | | | 5 | | | | | 5 |
| DONG HORNG | BJ4941 | TW | FFA VMS | LL | | | | | | 52 | | | | | | 52 |
| FU YUEN | BJ3367 | TW | Argos | LL | | | | | | | | | | 10 | | 10 |
| FUKUYO MARU NO.68 | JQNK | JP | FFA VMS | LL | | | | | 60 | 78 | | | | | | 138 |
| FUMI MARU | | JP | Furuno | LL | | | | | | | | | | 39 | | 39 |
| FWU MAAN TSAIR NO.6 | BK6502 | TW | Argos | LL | | | | | | | | 1 | | | | 1 |
| GOLDEN NO.301 | BJ4896 | TW | Thrane & Thrane | LL | | | | | | | | 68 | | | | 68 |
| HER HAE NO.26 | BJ4994 | TW | FFA VMS | LL | | | | | | | | 2 | | | | 2 |
| HORNG JYI TSAIR | BK6821 | TW | Thrane & Thrane | LL | | | | | | | 19 | 21 | 15 | | | 55 |
| HORNG YIH FWU NO.268 | BJ4593 | TW | Thrane & Thrane | LL | | | | | | | 4 | | | | | 4 |
| HSIN MAN CHUN | BJ4485 | TW | Thrane & Thrane | LL | | | | | | | 15 | 128 | | | | 143 |
| HSIN YI FA NO.3 | BK7506 | TW | Thrane & Thrane | LL | | | | | | | | 14 | | | | 14 |
| JENN FENG MAN NO.1 | BK6889 | TW | Argos | LL | | | | | | | | 1 | | | | 1 |
| JIA CING LI | BK7717 | TW | Argos | LL | | | | | | | | 28 | | | | 28 |
| JIA DER FA 6 | BJ4415 | TW | FFA VMS | LL | | | | | | 3 | | | | | | 3 |
| JIA JYI FA | BK7460 | TW | Thrane & Thrane | LL | | | | | | | | 17 | | | | 17 |
| JIN CHING FA NO.16 | BJ3555 | TW | Thrane & Thrane | LL | | | | 1 | 14 | 2 | 4 | | | | | 21 |
| JIN HO No.23 | BJ4894 | TW | Thrane & Thrane | LL | | | | | | | | 6 | | | | 6 |
| JIN MAAN SHYANG NO.12 | BJ4673 | TW | FFA VMS | LL | | | | | | | | 2 | | | | 2 |
| JIN MING YU | BK6852 | TW | Thrane & Thrane | LL | | | | | | | 5 | 15 | | | | 20 |
| JIN ROEI FWU NO.6 | BJ4502 | TW | Thrane & Thrane | LL | | | | | | | | 1 | 4 | | | 5 |

| | | | | | | | | | | | | | | | | |
|-----------------------|--------|----|-----------------|----|----|----|----|----|----|----|----|----|----|----|--|-----|
| JIN SHENG FENG NO.218 | BJ3884 | TW | Thrane & Thrane | LL | | | | | | | 16 | 28 | | 13 | | 57 |
| JIN SHENQ LIH NO.33 | BK7484 | TW | Thrane & Thrane | LL | | | | | | | | 2 | | | | 2 |
| JIN SHYE YIH NO.36 | BJ4121 | TW | Thrane & Thrane | LL | | | | | | | 5 | 45 | 7 | | | 57 |
| JIN YIH CHERNG | BJ4401 | TW | Argos | LL | | | | 1 | 1 | | 15 | 27 | 23 | 31 | | 98 |
| JIN YU SHENG | BJ4220 | TW | FFA VMS | LL | | | | | | | | 35 | | | | 35 |
| JING LU YUAN 002 | BZZS3 | CN | FFA VMS | LL | 6 | 8 | 13 | 12 | 9 | 21 | 7 | | | | | 76 |
| JING LU YUAN 003 | BZZS4 | CN | FFA VMS | LL | 6 | 9 | 11 | 12 | 4 | 21 | 7 | | | | | 70 |
| JING LU YUAN 005 | BZZS6 | CN | FFA VMS | LL | 41 | 35 | 42 | 38 | 36 | 52 | 19 | | | | | 263 |
| JING LU YUAN 008 | BZZS9 | CN | FFA VMS | LL | 39 | 37 | 43 | 41 | 40 | 51 | 19 | | | | | 270 |
| JING YUAN 903 | BZZT3 | CN | Furuno | LL | 5 | 9 | 12 | 13 | 12 | 23 | 7 | | | | | 81 |
| JING YUAN 906 | BZZT4 | CN | FFA VMS | LL | 6 | 9 | 12 | 14 | 13 | 22 | 7 | | | | | 83 |
| JINN LONG YU NO.2 | BJ4178 | TW | Thrane & Thrane | LL | | | | | | | | 6 | | 16 | | 22 |
| JYI JYI YIH NO.2 | BK6808 | TW | Argos | LL | | | | | | | 8 | 18 | | | | 26 |
| KOKUSHIN MARU NO.8 | | JP | Furuno | LL | | | | | | | | | | 2 | | 2 |
| KUO RONG NO.136 | BJ4912 | TW | FFA VMS | LL | | | | | | | | 24 | | | | 24 |
| LIAO JIN LUN 103 | BZZB2 | CN | FFA VMS | LL | 5 | 9 | 9 | 5 | 9 | 22 | 5 | | | | | 64 |
| LIAO JIN LUN 107 | BZZB5 | CN | FFA VMS | LL | 6 | 9 | 9 | 8 | 7 | 21 | 6 | | | | | 66 |
| LIAOJINLUN 108 | BZTF8 | CN | FFA VMS | LL | 43 | 37 | 41 | 42 | 37 | 51 | 18 | | | | | 269 |
| LIAOJINLUN 109 | BZTF9 | CN | FFA VMS | LL | 43 | 37 | 41 | 42 | 37 | 51 | 18 | | | | | 269 |
| LIAOJINLUN 110 | BZTG2 | CN | FFA VMS | LL | 6 | 7 | 11 | 10 | 8 | 20 | 7 | | | | | 69 |
| LIAOJINLUN 111 | BZTG3 | CN | FFA VMS | LL | 5 | 9 | 10 | 10 | 7 | 20 | 7 | | | | | 68 |
| LIEN I HSING NO.116 | BJ4828 | TW | Thrane & Thrane | LL | | | | | | | | 1 | | | | 1 |
| LIEN YU FA | BJ4584 | TW | Thrane & Thrane | LL | | | | | | | 15 | 42 | | | | 57 |
| MAAN CHUAN JYI | BK6316 | TW | Thrane & Thrane | LL | | | | | | | | 1 | | | | 1 |
| MAAN DAH FENG NO.2 | BK6379 | TW | Argos | LL | | | | | | | | 2 | | | | 2 |
| MAAN FONG NO.268 | BJ4315 | TW | FFA VMS | LL | | | | | | | | 1 | | | | 1 |
| MAN FU TSAI NO.1 | BK7748 | TW | FFA VMS | LL | | | | | | | | 37 | | | | 37 |
| MING FWU TSAIR NO.6 | BJ3978 | TW | Thrane & Thrane | LL | | | | | | | | 19 | | | | 19 |
| NO.121 DONGWON | 6MPX | KR | FFA VMS | LL | | | | | | | 55 | | | | | 55 |
| NO.168 SHENG FU YU | BJ4631 | TW | Thrane & Thrane | LL | | | | | | | | 2 | | | | 2 |

| | | | | | | | | | | | | | | | | |
|------------------------------|--------|----|-----------------|----|------------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|-----------|--------------|
| NO.212 DONGWON | 6NMC | KR | FFA VMS | LL | | | | | | | 36 | | | | | 36 |
| NORI MARU | | JP | Furuno | LL | | | | | | | | | 12 | | | 12 |
| RIASU-MARU | JPYT | JP | JRC | R | | 10 | 9 | | | | | | | | | 19 |
| RYOYOSHI-MARU No.8 | JNQM | JP | JRC | LL | | 8 | 3 | | | | | | | | | 11 |
| SHENG CHI HUI No.2 | BJ4524 | TW | FFA VMS | LL | | | | | | | | 32 | | | | 32 |
| SHENG FU YU NO.168 | BJ4631 | TW | Thrane & Thrane | LL | | | | | | | | 2 | | | | 2 |
| SHENG I HSING NO.63 | BJ4907 | TW | Thrane & Thrane | LL | | | | | | | | 4 | | | | 4 |
| SHENG JYI HUEI NO.16 | BJ4330 | TW | FFA VMS | LL | | | | | | | | 24 | | | | 24 |
| SHENQ MAAN SHING NO.10 | BK7412 | TW | FFA VMS | LL | | | | | | | | 3 | | | | 3 |
| SHIMA MARU NO. 1 | | JP | Furuno | LL | | | | | | | | | | 11 | | 11 |
| SHIN RONG SHING NO.3 | BK7508 | TW | Argos | LL | | | | | | | | 1 | | | | 1 |
| SHIN SHEND HER | BJ4398 | TW | Thrane & Thrane | LL | | | | | | | 1 | 14 | | 2 | | 17 |
| SHING MAAN YU | BK6789 | TW | Thrane & Thrane | LL | | | | 3 | 4 | | 1 | | | | | 8 |
| SHINYO MARU | 7JAO | JP | JRC | R | | 6 | | | | | | | | | | 6 |
| SHUN HONG | BJ5004 | TW | FFA VMS | LL | | | | | | | 19 | | | | | 19 |
| SHUNYO MARU | JETM | JP | Not Submitted | R | | | | | | | | | | 1 | | 1 |
| TAKE MARU NO.38 | | JP | Furuno | | | | | | | | | | | 6 | | 6 |
| TE LI NO.10 | BK7421 | TW | Thrane & Thrane | LL | | | | | | | 20 | 23 | | | | 43 |
| TOKUHO MARU NO.21 | | JP | Inmarsat C | LL | | | | | | | | | | 20 | | 20 |
| TZENG GIN SOON NO.288 | BJ4128 | TW | Argos | LL | | | | | | | 1 | | | | | 1 |
| WIH CHINQ | BK4278 | TW | Argos | LL | | | 1 | | | | | | | | | 1 |
| XIN SHI JI 12 | BZUS9 | CN | FFA VMS | LL | 5 | 5 | 11 | 9 | 12 | 21 | 7 | | | | | 70 |
| XIN SHI JI 31 | BZVA9 | CN | FFA VMS | LL | 86 | 10 | 17 | 23 | 21 | 28 | 8 | | | | | 193 |
| YI SHENG WANG | BJ3565 | TW | Argos | LL | | | | 12 | 20 | 12 | | | | | | 44 |
| YI YUAN NO.316 | BJ4842 | TW | Thrane & Thrane | LL | | | | | | | | 1 | | | | 1 |
| YU WEN NO.101 | BZJM | TW | FFA VMS | PS | | | | | | | 95 | | | | | 95 |
| YUH CHANG NO.6 | BJ4715 | TW | FFA VMS | LL | | | | | | 19 | | | | | | 19 |
| YUH YI NO.1 | BJ4581 | TW | FFA VMS | LL | | | 8 | | | | | | | | | 8 |
| Number of vessels: 84 | | | | | 302 | 254 | 303 | 301 | 361 | 596 | 486 | 799 | 49 | 152 | 11 | 3,614 |

YEAR: 2011

| Vessel Name | IRCS | FLAG | MTU | GEAR | Jan | Feb | Mar | Apr | May | Jun | Jul | Sep | Oct | Total |
|-------------------------|--------|------|-----------------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| AN WEN FA NO.22 | BJ4334 | TW | Thrane & Thrane | LL | | | | | | | | 6 | | 6 |
| CAENG CHI TSAI NO.12 | BK7517 | TW | Thrane & Thrane | LL | | | | | | 9 | | | | 9 |
| CHARNG SHING YUAN No.12 | BJ4918 | TW | FFA VMS | LL | | | | | 9 | 99 | | | | 108 |
| CHIA CHUN NO.23 | BJ4838 | TW | Thrane & Thrane | LL | | | | | | | | 10 | | 10 |
| CHIUAN SHENG NO.36 | BJ3592 | TW | Thrane & Thrane | LL | | | | | | 7 | | | | 7 |
| CHUAN YI | BJ4717 | TW | Thrane & Thrane | LL | | | | | | 9 | | | | 9 |
| CHUNG YIH | BK7110 | TW | Argos | LL | | | | | | 2 | 10 | | | 12 |
| CLEAR WATER 03 | V6P218 | FSM | FFA VMS | LL | | | | | | | | 70 | 100 | 170 |
| DAYANG 11 | BZZB8 | CN | Thrane & Thrane | LL | | | | | | | | 6 | | 6 |
| DER YUH SHENG | BK7143 | TW | Thrane & Thrane | LL | | | | | | 6 | 56 | | | 62 |
| DONG WON NO.637 | DTBW8 | KR | FFA VMS | LL | | | | | | | | 1 | | 1 |
| FENG DAR YUH NO.168 | BJ3899 | TW | FFA VMS | LL | | | | | | | | 2 | | 2 |
| FU YUAN YU 064 | BZ6UR | CN | Thrane & Thrane | LL | | | | | | | | 20 | 1 | 21 |
| FUH AN NO.1 | BK6600 | TW | FFA VMS | LL | | | | | | | | 8 | | 8 |
| GOANG SHING LIH | BK7364 | TW | FFA VMS | LL | | | | | | | | 29 | 39 | 68 |
| HONG YU NO.66 | BJ4481 | TW | Thrane & Thrane | LL | | | | | | | | 2 | | 2 |
| HORNG MING NO.6 | BK6827 | TW | Thrane & Thrane | LL | | | | | | 25 | | 7 | | 32 |
| JIN CHING FA NO.16 | BJ3555 | TW | Thrane & Thrane | LL | | | | | | | 21 | | | 21 |
| JIN SHENG FENG | BK7912 | TW | FFA VMS | LL | | | | | | | | 34 | 71 | 105 |
| JIN SHENG FENG NO.218 | BJ3884 | TW | Thrane & Thrane | LL | | | | | | | 6 | | | 6 |
| JIN SHYE YIH NO.36 | BJ4121 | TW | Thrane & Thrane | LL | | | | | | | | 3 | | 3 |
| JINN LONG YU NO.2 | BJ4178 | TW | Thrane & Thrane | LL | | | | | | 5 | 21 | 3 | 1 | 30 |
| LIAN FONG YI NO.21 | BJ3510 | TW | Thrane & Thrane | LL | | | | | | 2 | 37 | | | 39 |
| LIAN JYI FA | BK6825 | TW | Thrane & Thrane | LL | | | | | | 2 | 66 | | | 68 |
| M.T. HAISOON 5 | T3UM | KI | FFA VMS | Bunker | | | | | | | 3 | 3 | 2 | 8 |
| MAN I FENG NO.22 | BJ4483 | TW | Thrane & Thrane | LL | | | | | | | 54 | | | 54 |

| | | | | | | | | | | | | | | |
|------------------------------|--------|----|-----------------|--------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|--------------|
| MING CHI TSAI NO.16 | BJ4329 | TW | Thrane & Thrane | LL | | | | | | | 75 | | | 75 |
| MING FWU TSAIR NO.6 | BJ3978 | TW | Thrane & Thrane | LL | | | | | | 11 | | | | 11 |
| MT. HAI SOON IX | T3UM | KI | Furuno | Bunker | | | | | | | | 2 | | 2 |
| NO.335 ORYONG | 6MNY | KR | FFA VMS | LL | | | | | | | | 22 | | 22 |
| NO.355 OYANG | 6MNI | KR | FFA VMS | LL | | | | | | | | | 6 | 6 |
| NO.801 ORYONG | DTBU7 | KR | FFA VMS | LL | | | | | | | | 64 | | 64 |
| NO.83 AGNES | 6LIW | KR | FFA VMS | LL | 1 | | | | | | | | | 1 |
| QUIN YUAN YU 101 | BZZQ | CN | FFA VMS | LL | | | | 40 | | | | | | 40 |
| RUI JIN FA NO.3 | BJ5013 | TW | Thrane & Thrane | LL | | | | | | | | 21 | 6 | 27 |
| SAJO COLUMBIA | 6NJU | KR | FFA VMS | PS | | | | | | 3 | 42 | | | 45 |
| SHANG SHUN NO.668 | BI2510 | TW | FFA VMS | LL | | | | | | 10 | | | | 10 |
| SHEN GANG FA 3 | BZXD6 | CN | FFA VMS | LL | | | | | | | | | 40 | 40 |
| SHEN LIAN CHENG 707 | BZXC7 | CN | FFA VMS | LL | | | | | | | | 73 | 123 | 196 |
| SHENG YI SHING NO.20 | BJ3889 | TW | FFA VMS | LL | | | | | | | | 5 | | 5 |
| SHIMA MARU NO.1 | | JP | Furuno | LL | | | | | | 46 | 67 | | | 113 |
| SHIN JINN YIH NO.8 | BJ4261 | TW | Thrane & Thrane | LL | | | | | | 5 | | | | 5 |
| SHIN SHYANG YIH NO.116 | BJ3497 | TW | Thrane & Thrane | LL | | | | | | | | 1 | 6 | 7 |
| SING FA CAI | BJ4452 | TW | FFA VMS | LL | | | | | | | | | 1 | 1 |
| SING MAN YU | BK6789 | TW | Thrane & Thrane | LL | | | | | | | | 19 | 11 | 30 |
| TAKATOYO MARU NO.38 | JEZR | JP | FFA VMS | LL | | | | | | | | 49 | | 49 |
| TAKE MARU NO.38 | | JP | Furuno | LL | 60 | 29 | 22 | | | | | | | 111 |
| TZENG JIN SHUENN NO.133 | BJ3910 | TW | Thrane & Thrane | LL | | | | | | 1 | | | | 1 |
| UGAVI DOS | HC4593 | EC | FFA VMS | PS | | | | 7 | | | | | | 7 |
| YONG MIN NO.6 | BK7106 | TW | Thrane & Thrane | LL | | | | | | | 12 | | | 12 |
| YU JIN NO.136 | BK7048 | TW | Thrane & Thrane | LL | | | | | | 2 | | | | 2 |
| YU TSAIR WANG | BK6712 | TW | Thrane & Thrane | LL | | | | | | 1 | | | | 1 |
| YUE YUAN YU 169 | BZXL6 | CN | FFA VMS | LL | | | | | 22 | 185 | | | | 207 |
| Number of vessels: 53 | | | | | 61 | 29 | 22 | 47 | 31 | 430 | 470 | 460 | 407 | 1,957 |

ATTACHMENT 2



**TECHNICAL AND COMPLIANCE COMMITTEE
SEVENTH REGULAR SESSION**

28 September – 4 October 2011
Pohnpei, Federated States of Micronesia

PROPOSAL TO MODIFY VMS SSPs RELATED TO MANUAL REPORTING

WCPFC-TCC7-2011-DP/19 Rev. 2
4 October 2011

Manual Reporting - Rev.2

TCC7 reviewed the remaining bracketed text in the Commission VMS SSPs in paragraphs 5.4 and 5.5 related to manual reporting. CCMs were not able to agree on final text for these provisions, but wish to ensure that there is a manual reporting requirement and a requirement for vessels to return to port. Several CCMs suggested that it would be helpful if the Secretariat could prepare a report on manual reporting for consideration by TCC8.

TCC7 agreed to revise the language in paragraphs 5.4 and 5.5 provisionally for one year, pending review of the Secretariat's paper on manual reporting. The revised language does not reflect final agreement on either the period of manual reporting or the length of time that a vessel may continue to fish while manually reporting.

TCC7 agrees that Coastal States laws and regulations continue to apply with respect to manual reporting with respect to VMS breakdown where vessels are in coastal state jurisdictions and note Section 1 relating to application to VMS in the Commission SSPs

For 2012, the Commission's VMS SSPs will be modified to read as follows:

4. In the event of non-reception of two consecutive, programmed high seas VMS positions, and where the Secretariat has exhausted all reasonable steps to re-establish normal automatic reception of VMS positions the Secretariat shall inform the vessel's flag State CCM and the vessel Master. From the time of transmission of this communication to the CCM, the vessel Master shall be required to take immediate steps to re-establish automatic reporting. During this period the vessel shall be required to report its position manually to the Secretariat. Until the Commission adopts a manual reporting period, CCMs must ensure that their vessels manually

report at a period of 8 hours or less.

4bis. In cases where automatic reporting has not been re-established, the CCM shall order the vessel to cease fishing, stow all fishing gear and return to port. Until the Commission adopts a specific length of time that the vessel may remain at sea while manually reporting, CCMs must ensure that their vessels return to port no later than 45 days after notification that automatic reporting has ceased unless automatic reporting has recommenced. The vessel may recommence fishing on the high seas only when the ALC has been confirmed as operational by the Secretariat following the flag State CCM informing the Secretariat that the vessel's automatic reporting complies with the regulations established in this SSP.

~~[5. — In exceptional circumstances, the flag State CCM may extend the period established in paragraph 4 for an additional consecutive [15] days during which time the vessel will continue to report its position manually every [4] hours to the Secretariat while on the high seas. When such permission is provided the flag State CCM shall provide a report to the Secretariat as to the nature of the exceptional circumstances and steps taken to re-establish automatic reporting. Such reports shall be included in the Secretariat's annual report on the operations of the Commission's VMS to the TCC as required under paragraph 7.3.9.]~~