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Video Teleconference, 03 – 06 May 2021

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## Agenda Item 4: Asia/Pacific and Inter-Regional SAR Planning, Coordination and Cooperation

### COMMUNICATION BETWEEN IDMCC AND RCC TIMOR LESTE

(Presented by Indonesia)

#### SUMMARY

This paper describes the coordination between Indonesia Mission Control Centre (IDMCC) and RCC Timor Leste as SAR Point of Contact (SPOC) of IDMCC as requested by Cospas Sarsat in APSAR/WG/5/TF-Task List. The coordination is one of the implementations of Memorandum of Understanding (MoU) between the National Search and Rescue Agency of Republic of Indonesia (BASARNAS) and the Civil Aviation Authority of Timor Leste on Search and Rescue Cooperation.

## 1. INTRODUCTION

1.1. Indonesia has joined Cospas-Sarsat since 5 Oct 1991 by operating Indonesia Mission Control Center (IDMCC) and Low Earth Orbit Local User Terminal (LEOLUT). In 2017 IDMCC installed Medium Earth Orbit Local User Terminal (MEOLUT). Currently IDMCC operates 2 Local User Terminals:

- a. Low Earth Orbit Local User Terminal (LEOLUT) located in Jakarta known as Jakarta LEOLUT or LUT 5254 with Full Operational Capability (FOC) status, and
- b. Medium Earth Orbit Local User Terminal (MEOLUT) located in Bogor known as Jonggol MEOLUT or LUT 5255. Indonesia MEOLUT currently consists of 4 channels with Early Operational Capability (EOC) status.

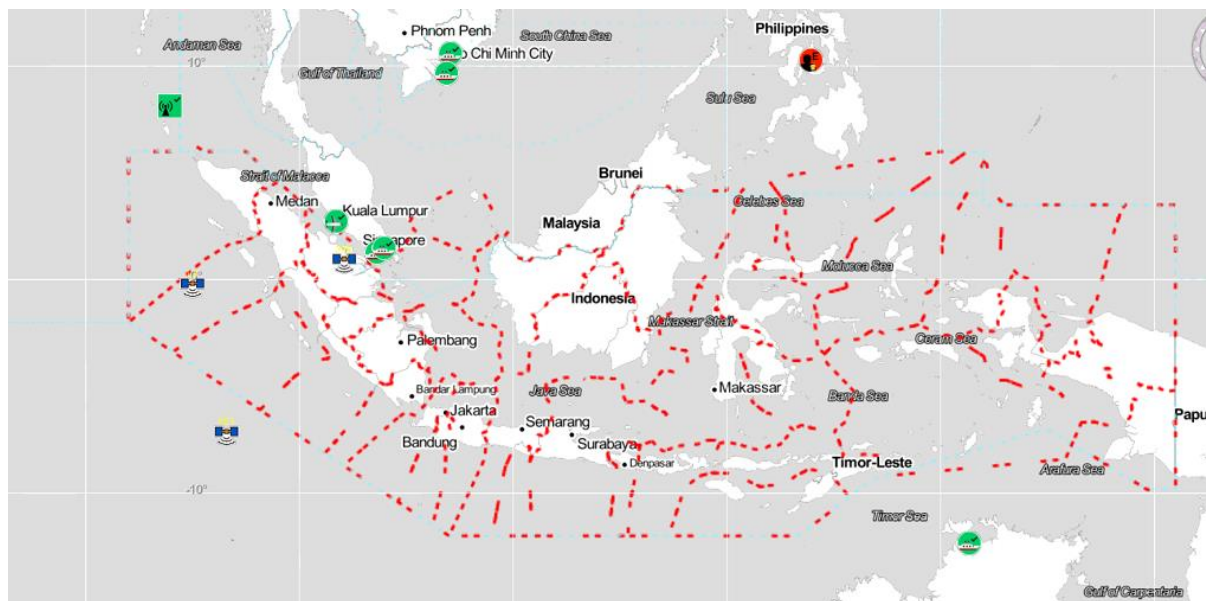
1.2. Indonesia Mission Control Center (IDMCC) is located at BASARNAS Command Center functioned JRCC Indonesia at coordinates 06°09.42' S 106°39.36' E.

1.3. The coverage area of IDLUTs/MCC is Indonesia and surrounding areas including ASEAN countries. The National Search and Rescue Agency of Indonesia (BASARNAS) is responsible for the operation of the IDMCC and LUT and Jonggol LUT including MCC)

## 2. DISCUSSION

### SPOC Supported

2.1 IDMCC provides distress alerts data to JRCC Indonesia and 43 RSCs (SAR Offices) in Indonesia. IDMCC also provides distress alert data to RCC Timor Leste as its SPOC. This data provision is the implementation of exchange of SAR information concerning actual distress or potential distress situation as stated in the MoU on Search and Rescue between the two countries.



**Figure 1** Display IDMCC

### Communication Equipment and Test

2.2 Communication between IDMCC and RCC Timor Leste uses FTP-VPN, AFTN, e-mail, facsimile, telephone and HF radio on 13.542,5 MHz. In addition, RSC Kupang also conducts communication with RCC Timor Leste using HF radio on 11.445 MHz.

2.3 To ensure successful communication between IDMCC and RCC Timor Leste, communication test is conducted monthly using available communications means and addresses. The tests have shown successful communication conduct between the two parties.

NO.	Equipment	Indonesia	Timor Leste
1.	AFTN	WIIICYL	WPDLTZX
2.	Facsimile	+62 21 65867512	+670 3317111
3.	Telp Phone	+62 21 65867510 +62 21 65867511	+670 3313821 +670 73635516
4.	Email	IDMCC <a href="mailto:Indonesia_mcc@basarnas.go.id">Indonesia_mcc@basarnas.go.id</a> <a href="mailto:Indonesia_mcc@yahoo.com">Indonesia_mcc@yahoo.com</a> RCC <a href="mailto:rcc.indonesia@basarnas.go.id">rcc.indonesia@basarnas.go.id</a> <a href="mailto:kagahar@gmail.com">kagahar@gmail.com</a>	<a href="mailto:wpdltzx@yahoo.com">wpdltzx@yahoo.com</a>
5.	HF Radio	11.445 MHz	11.445 MHz

2.4 The results of the communication test between IDMCC and RCC Timor Leste is reported to Cospas-Sarsat Secretariat.

The screenshot shows a web-based application window titled "frmTestResults" with the main heading "MCC/SPOC Communications Test Results". The form contains several input fields and checkboxes:

- Reporting MCC:** A dropdown menu with "IDMCC" selected.
- SPOC:** A dropdown menu with "East Timor" selected.
- Communication Link:** A dropdown menu with "AFTN" selected.
- Reporting Date:** A date field showing "1/8/2020" and a tooltip displaying "Wednesday, January 08, 2020".
- Communication Link Address Used\*:** An empty text input field with a note below it: "\*Please enter only if differs from Annex I/D of the DDP".
- Was 1st attempt successful?\***: A checkbox labeled "YES" which is checked. A note below it states: "\* A successful communication test requires that the manual acknowledgement from the SPOC/RCC be received within 30 minutes".
- If 1st attempt failed, were any subsequent attempts successful?\***: A checkbox labeled "YES" which is unchecked.

At the bottom of the form, there are three buttons: "Delete Current Record", "Enter New Record and Save", and "Save and EXIT Application". Below the buttons is a "comments" text area. At the very bottom of the window, there is a status bar showing "Record: 1 of 48", "No Filter", and a "Search" field.

Figure 2. Display MCC/SPOC Communication Test

### 3. ACTION BY THE MEETING

- 3.1 The meeting is invited to:
- note the information contained in this paper; and
  - discuss any relevant matters as appropriate.

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