



International Civil Aviation Organization

**The Fourth Meeting of the Bay of Bengal Reduced Horizontal Separation  
Implementation Task Force (BOB-RHS/TF/4)**

Bangkok, Thailand, 18 to 22 October 2010

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**Agenda Item 3: Operational Issues**

**Datalink Environment of the Bay of Bengal and Arabian Sea**

(Presented by IATA)

**SUMMARY**

This paper presents a summary of the datalink environment across the Bay of Bengal and Arabian Sea.

**1. INTRODUCTION**

- 1.1 Emirates Airline has provided a summary of data for a period of 15 days, 01 Sep - 15 Sep 2010 for the Datalink Environment of the Bay of Bengal and Arabian Sea.
- 1.2 Feedback forms were received from 86 flights which included comments or observations on the ADS/CPDLC services provided 10 FIRs.

**2. DISCUSSION**

Note: (Red % is comparison with Total reports. Blue % is last survey in July 2009)

2.1 Findings are summarised as follows:

↗	No Auto transfer/No termination/Manual Log-on	22 (26% /26%)
↗	Unable to logon (not including VYYF)	16 (19% / 7%)
↗	Unstable connection and unusable of functions	13 (15% /19%)
↗	Several attempts required for successful Logon	3 ( 3% / 7%)

2.2 Summary by FIR as follows:

VABF

↗	No auto transfer to next FIR (VRMF/VOMF/VECF)	10 (21%/11%)
↗	Unable to contact with HF/SELCAL check	3 ( 6%/ 2%)
↗	Unstable connection	2 ( 4%/21%)

VCCC

↗	Unstable connection and unusable of functions	2 ( N/A / 9% - TTL 4cases)
	-TTL report decrease to 4 cases, % of TTL not considered	
↗	Unable to Logon	0 ( - /36%)
↗	Several attempts required for successful Logon	0 ( - /18%)
↗	No Auto Transfer to next FIR	0 ( - / 9%)

## VECF

↗	No Auto Transfer to VABF	3 (17% / 12%)
↗	Several attempts required for successful Logon	3 (17% / 0%)
↗	Unable to logon	2 ( 11% / 11%)
↗	Unstable connection and unusable of functions	2 ( 11% / 11%)

## VOMF

↗	Unable to log on	3 (60% / 6% - TTL 1case)
↗	No Auto Transfer to VOMF and VCCC	2 (N/A / 59% - TTL 10cases)
	-TTL report decrease to 5 reports, % of TTL not considered	
↗	Required several attempts to log on	0 ( - / 6%)
↗	Unstable connection and unusable of functions	0 ( - / 6%)
↗	No reply or Late reply	0 ( - / 11%)

## VYYF

↗	Unable to Log on	16 (67% / 87%)
↗	Unstable connection and unusable of functions	3 (12% / 4%)
↗	No Auto Transfer	2 ( 8% / 0%)

## WAAF

↗	No Auto Transfer	1 (14% / 11%)
	-Number is same (1 case) from last survey, TTL cases reduction (from 9 to 7)	
↗	No reply or Late reply	0 ( - / 11%)

## WMFC

↗	Unable to Log on	2 (50% / 0%)
	- TTL report reduced to 4 from 8.	
↗	No Auto Transfer to VOMF	0 ( - / 62%)

## VRMF

↗	Unable to Logon	5 ( 33%)
↗	Unstable connection and unusable of functions	4 ( 27%)

2.3 From last Survey, Total problem were same, Auto Transfer was improved slightly, significant improvement in data link quality.

2.4 While HF/SELCAL is not an issue with datalink, States must recognise that HF is the back up means of communication and therefore must be available.

2.5 Airlines will continue to work with States and the CRA to identify problems and improve the level of services in the Region.

### 3. ACTION BY THE MEETING

3.1 The meeting is invited to review the data and discuss ways to collectively improve the ADS/CPDLC levels of service within the Bay of Bengal & Arabian Sea region.

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