



International Civil Aviation Organization

The Twelfth Meeting of the FANS Implementation Team, Bay of Bengal (FIT-BOB/12) and the Second Meeting of the Bay of Bengal Reduced Horizontal Separation Implementation Task Force (BOB-RHS/TF/2)

Bangkok, Thailand, 22 – 26 February 2010

Agenda Item 4: Review Bay of Bengal ADS/CPDLC Operations

Datalink Environment of the Bay of Bengal and Arabian Sea

(Presented by IATA)

SUMMARY

This paper presents a summary of the data link environment across the Bay of Bengal.

1. INTRODUCTION

1.1 Emirates Airline has compiled a summary of data for the period of 14 days, 3 Jan - 16 Jan 2010 for the Datalink Environment of the Bay of Bengal and Arabian Sea.

1.2 Feedback forms were received from 90 flights, which included comments or observations on the ADS/CPDLC services provided 8 within the FIRs.

2. DISCUSSION

Note: Left % is comparison with Total reports. Right % is last survey in July 2009.

2.1 Findings are summarised as follows:

➤ No Auto transfer/No termination/Manual Log-on	24 (26%/45%)
➤ Unable to logon (not including VYYF)	6 (7%/27%)
➤ Unstable connection and unusable of functions	17 (19%/12%)
➤ Several attempts required for successful Logon	6 (7%/11%)

2.2 Summary by FIR as follows:

VABF

➤ Unstable connection	12 (21%/10%)
➤ No auto transfer to next FIR (VOMF/VECF)	6 (11%/17%)
➤ Unable to contact with HF/SELCAL check	1 (2%/ 5%)
➤ Required several attempts to logon	2 (4%/ 5%)

VCCC

➤ Unable to Logon	4 (36% /37%)
➤ Several attempts required for successful Logon	2 (18% /13%)

↗	No Auto Transfer to next FIR	1 (9% /25%)
↗	Unstable connection and unusable of functions	1 (9% /13%)
VECF		
↗	Unable to logon	1 (11% /29%)
↗	Unstable connection and unusable of functions	1 (11% / 7%)
↗	No Auto Transfer to VABF	0 (- /12%)
↗	No reply or Late reply	0 (- /12%)
VOMF		
↗	No Auto Transfer to VOMF and VCCC	10 (59% / 26%)
↗	Required several attempts to log on	1 (6% / 17%)
↗	Unable to log on	1 (6% / 14%)
↗	Unstable connection and unusable of functions	1 (6% / 6%)
↗	No reply or Late reply	0 (- / 11%)
VYYF		
↗	Unable to Log on	20 (87% / 100%)
↗	Several attempts required for successful Logon	1 (4% / -)
↗	Unstable connection and unusable of functions	1 (4% / -)
WAAF		
↗	No Auto Transfer	1 (11% / 80%)
↗	No reply or Late reply	1 (11% / 20%)
WMFC		
↗	No Auto Transfer to VOMF (AIPSUP states NDA function is not available)	5 (62% / 80%)

2.3 Details of reports from the above flights are included in an Excel spreadsheet to assist the discussion.

2.4 From last Survey, Total problem cases have reduced, in particular with Auto Transfer and Unable Log on cases much improved. However occurrences of Unstable connections or Unusable functionality has increased since the last survey.

2.5 While HF/SELCAL problems are not an issue with datalink performance, it must be remembered that HF is the back up means of communication and therefore must be available.

2.6 Emirates airline 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 note the data and discuss ways to continue to collectively improve the ADS/CPDLC levels of service within the Bay of Bengal & Arabian Sea region.
