APANPIRG/27
(updated on 7th September 2016)

REPORTING FORM ON AIR NAVIGATION DEFICIENCIES IN THE CNS FIELDS IN THE ASIA/PACIFIC REGION

Identification		**Deficiencies**			**Corrective Action**			
Requirement	**States/facilities**	**Description**	**Date first reported**	**Remarks**	**Description**	**Executing body**	**Target date for completion**	**Priority for action**
Adequate and reliable VHF COM	Myanmar	Quality and reliability of RCAG VHF inadequate and unavailability of required coverage. Improvements had been observed with occasional communication problems reported. From 2 to 13 April 2012, a survey was conducted by IATA. 129 of 349 aircraft from 11 airlines reported problems of one sort or another (HF, VHF or Data Link) 50 reported no communication had been established. In Flight Broadcast Procedure (IFBP) currently still in place	1998 June 2011 April 2012 July 2014	Improvements in the quality of link to RCAG stations and power supply system at some remote stations are required.	An action plan was developed to upgrade equipment at RCAG stations, replace VSAT stations at 5 VSAT location for the relay link to RCAG sites, to improve power supply system. Additional VSAT-RCAG stations will be installed at Coco Island in 2017. From 26 May 16, DCA Myanmar started using 4 VHF channel for 4 ACC sectors covering Yangon FIR. Latest update refer IP/22 from Myanmar to CNS SG/20 meeting DCA Myanmar has replaced equipments at all 6 RCAG sites with digital VHF system and has provided VSAT links and solar power supply system at all sites. The interface between new ATM system and CSP was upgraded from X.25 to IP in March 2013. The connectivity was stable but ATM/FANS system exhibits some instability. Further improvements need to be taken by the DCA Myanmar including both operational and technical arrangements	DCA Myanmar	December 2016 IATA conducted a survey from its member airlines for the air/ground communication by 8 July 2016. Overall 95% (514 flights) of aircraft, successfully established communications of one form or another with Yangon 5% could not establish communications with ATC on Data Link, VHF or HF at the FIR boundary	A

Identification		Deficiencies			Corrective Action			
Requirement	**States/facilities**	**Description**	**Date first reported**	**Remarks**	**Description**	**Executing body**	**Target date for completion**	**Priority for action**
Reliable ground to ground communication as specified in the regional air navigation plan (Doc.9673)	Afghanistan and Pakistan	Unreliability of AFS communication between Afghanistan and Pakistan was brought to the notice of APANPIRG/21. Lack of reliability in the AFS including data communication between Kabul and Karachi and ATS voice communication between Lahore and Kabul was identified.	September 2010	Follow-up letters from ICAO regional offices were sent to Administrations concerned in April 2010 and further follow- up in March 2011 A COM coordination meeting – Afghanistan and Pakistan was held in June 2012 in Karachi, Pakistan. Further follow-up was made in end of 2014 and early 2015. A Remedial action plan was updated. New proposal for using landline has also proposed to be established between two States.	In March 2012, initial discussion on improvement of AFS communication was held at a special ATS coordination meeting. The COM coordination meeting in June 2012 developed a remedial action plan which was further updated in February 2015. 1. Near-term by end of September 2012, fully utilize the VPN circuit operational since January 2012 for exchange of AFTN traffic, organize users' training if required; (status quo) 2. Mid-term by end of May 2015, harmonize VSAT terminal equipment and select common network service provider to recover the VSAT Links; Afghanistan has successfully changed the service provider in February 2015. Site visits in Pakistan by expert from the VSAT service provider were made in February and March 2016. Remedial recommendations were provided to CAA. Pakistan. 3. Long-term by end of end of 2015, establish a dedicated landline connection with multiplexers between Afghanistan and Pakistan to support both data and voice communication between COM centres and ACCs	Ministry of Transport and Civil Aviation Afghanistan and CAA. Pakistan	December 2016	A
~~Regional air navigation plan – FASID Table CNS 1A~~	~~Myanmar~~	~~AFS data circuit between Beijing and Yangon had been out of service since Mid. July 2008.~~	~~September 2008~~	~~The circuit serves exchanging traffic between Myanmar and Z AFS routing area and also plays a critical role as alternate routing for Bangkok-Yangon circuit.~~	~~A COM Coordination meeting in February 2014 developed an action item to rectify the deficiency as soon as possible.~~ ~~End of 2014, an E1 (2Mbytes) circuit was ordered by both States. the terminating equipment also purchased.~~	~~DCA. Myanmar and ATMB. China~~	~~October 2015~~ ~~This deficiency can be removed from the deficiency list in CNS fields once officially notification is~~	A

Identification		Deficiencies			Corrective Action			
Requirement	**States/facilities**	**Description**	**Date first reported**	**Remarks**	**Description**	**Executing body**	**Target date for completion**	**Priority for action**
					~~The E1, IPLC using cross border fiber cable provided by each state's service provider was successfully implemented in the end of 2015. The AFTN connection between Yangon and Beijing was re-established in March 2016. This E1 circuit also enabled the voice communication between Yangon and Kunming.~~		~~received from Myanmar.~~	
Regional air navigation plan – FASID Table CNS 1D	Pakistan & China	Improvement of ATS Direct Speech circuit performance and A/G communication and surveillance coverage between China and Pakistan	May 2014 RASMAG/19	The ATS direct speech circuit via IDD between Urumuqi and Lahore was observed not stable. Issues reported were in 2013	Remedial action plan was developed in May 2015 by both States through a COM coordination meeting. A VSAT is planned to be installed at Lahore for connection with Urumqi ACC and additional VHF station is required to be installed to cover the VHF gap at PURPA crossing point. Technical survey for VSAT site in Lahore was done in end of January 2016. Agreement for installation and operation being discussed by two States. MoU for equipment transfer and installation are being negotiated between two Administrations.	China ATMB and CAA. Pakistan	December 2016	A