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**CRV IMPLEMENTATION TABLE**

State/ Administration	Intended date for CRV cut-over	Applications targeted	Migration scheme	Prerequisites/ dependencies
<b>Australia</b>	Contract in May2018 and service readiness in 3Q 2018	AFTN, ADS-B, AMHS, Voice With: <b>Australia</b> February,2019(AMHS/AIDC), March,2019(Voice) <b>Fiji</b> March,2019 (AMHS June 2019/AIDC, Voice completed April) <b>New Zealand</b> , February, 2019 (AMHS June 2019, AFTN May 2019/AIDC), March, 2019 (Voice April 2019 completed) <b>Indonesia</b> 4Q2019 (TBC) (AMHS/AIDC, Voice, ADS-B); <b>PNG</b> 4Q2019(TBC), (AMHS/AIDC, Voice) <b>Singapore</b> 2Q2019 TBC (AMHS/AIDC, Voice); <b>South Africa</b> TBC  3Q2019 TBC (AMHS/AIDC, Voice); <b>Japan</b> would be end of 2019.	staged approach	Termination of current COM contract
<b>Bhutan</b>	Contract in 3Q2019, service readiness in 4Q2019	Data(AMHS, AFTN) and voice		Administrative approval from the management for the direct contract and approval from BCAA
<b>Cambodia</b>	As early as convenient, dependent on neighboring countries			Internal decision making

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<b>China</b>	Contract signed on 21 June 2020.	Applications targeted: Data(AMHS) With: Hong Kong 3Q2020; Japan 4Q2020; Thailand TBD; India TBD. Republic of Korea 4Q2020 ATFM test with Japan and ROK at Sep 2020 over CRV	staged approach	
<b>Democratic People's Republic of Korea</b>	Contract in 3Q2018 and service readiness in 4Q2018	AFTN and VoIP		
<b>Hong Kong, China</b>	Contract signed on 6 April 2018.  Connection was installed successfully in June 2018.  CRV-Voice with Manila was put into operation in August 2018.  CRV-AMHS with Manila was put into operation in May 2019.  CRV-AMHS with Taipei was put into operation in May 2020.	DATA (AMHS) With: Beijing 4Q2020; Japan 3Q or 4Q 2020; Thailand (tbc with Aerothai);	staged approach	Need to coordinate with relevant CAAs/ANSPs in joining CRV in a harmonized manner, etc.
<b>Macao, China</b>	Service readiness in Q4 2021	To be confirmed	Staged approach	Migration from X.25 to IPS

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<b>Fiji</b>	Contract in May 2018 and service readiness in 3Q 2018	Data (AMHS) and VoIP With: Australia ATS voice April 2019 completed, AMHS completed in June 2019, NZ ATS voice completed April 2019 and USA ATS voice completed in March 2019 and AMHS completed in April 2019.	Staged approach	CBA, safety case
<b>France (New Caledonia and French Polynesia)</b>	2019 is target for DNSA to sign contract subject to internal security assessment (done).	ATS Voice, AMHS with Fiji & AIDC, AMHS with USA, AIDC/AMHS with NZ and ATS voice.		CBA, cost must be affordable <i>Wallis and Futuna: no dedicated connection to CRV</i>
<b>India</b>	Contract for CRV implementation with M/s PCCW in India will be signed in 4Q of 2020 and CRV Service will be ready in 1Q of 2021 based on the readiness of other BBIS states.	Data first then voice.	staged approach	Internal Administrative approvals & safety case
<b>Indonesia</b>	Contract in 4Q2020 and service readiness in 1Q2021.	AFTN, AMHS, ADS-B and voice		CBA completed
<b>Japan</b>	Contract signed in Nov.2017 and service readiness in 1Q 2018 for Fukuoka	Data first: With: Hong Kong 1Q2020 USA completed 1Q 2019 Singapore 3Q2019; China 2Q2020 Voice Plan with USA 3Q2020 Daegu (R.O.K) 1Q2021	staged approach	

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<b>Malaysia</b>	Contract to be signed 4Q 2020 and service readiness in 1Q 2021	AFTN, AMHS, ADS-B and ATS voice	staged approach	New ATC centre operational in 2021 Contract issue with the new ATC main contractor. COM Project is part of the main contract.
<b>Myanmar</b>	Contract will be signed 4Q2020.	AFTN/AMHS, AIDC, ADS-B and voice	staged approach	One of counterparts join in
<b>Nepal</b>	Nepal intends to join CRV on staged approach with AMHS data connectivity as first priority and intends to sign the contract with PCCW within 2020.			
<b>New Zealand</b>	Contract in May 2018 and service readiness in 3Q 2018	Australia AMHS June 2019, French Polynesia AMHS and Voice Chile AMHS (SAM regional network REDDIG)		CBA attractive if all counterparts join in
<b>Philippines</b>	Contract signed in March 2018 and service readiness in 2Q2018	Completed:  with <b>HONG KONG</b> AIDC - May 2019 AMHS - May 2019 Voice - August 2018  with <b>TAIPEI</b> AIDC December 2019 AMHS September 2019, Voice 1Q 2019  with <b>USA</b> Voice – July 2019	staged approach	Success transition to the New ATM centre in 4Q2018

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		Planned: with <b>SINGAPORE</b> AMHS – early 4Q2020  with <b>USA</b> AMHS - 1Q 2021 AIDC - 1Q 2021 after successful implementation of AMHS		
<b>Republic of Korea</b>	Contract in 3Q2019 and service readiness in 4Q 2019	Data (AMHS), AIDC and VoIP With CHN AMHS 4Q2019 With JPN xx	staged approach	
<b>Singapore</b>	Contract signed in May 2019 and service readiness in 3Q 2019	Data (AMHS over IP) with: Australia 3Q/4Q 2020; Japan 3Q/4Q 2020; and Philippines 4Q 2020.  Voice with: Philippines Mar 2020.	Staged approach	CBA attractive if all counterparts join in
<b>Sri Lanka</b>	As soon as CRV is available	AMHS connectivity with Mumbai, Singapore and Male.  Direct Speech facilities with Chennai, Trivendrum, Mumbai, Male, Jakarta, Melbourne, Singapore	Phased approach with the implementation of CRV	CBA

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<b>Thailand</b>	Contract in 3Q 2020 and service readiness in 1Q2021	Data first Then voice, subject to safety case: China 1Q2021 Hong Kong 1Q2021; Singapore 1Q2021; India 2021.	Staged approach	

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<b>United States</b>	Contract in May 2018 and service readiness in 3Q 2018	1) with Australia AFTN to AMHS over IP: Feb 2019 Voice: March, 2019 2) With Fiji AMHS/AIDC Feb 2019 Voice March, 2019 3) With New Zealand AMHS/AIDC, Voice March 2019 4) With Japan AMHS/AIDC Feb 2019 VOICE: 9/2020 With Philippines AMHS/AIDC 3Q2019 AMHS 1Q2021 VOICE: September, 2019 5) With Indonesia Voice/AMHS 2021 6) With Russian Federation Pending joining CRV 7) With PNG Voice/AMHS: 2021 via Australia with direct CRV planned for 2020 8) other FIRs as opportune (French Polynesia, Samoa, etc.) 7) ATFM, AMHS with Attachment 8) BBIS with Fiji, Australia and Japan 3Q2018 (for only AMHS)	Staged approach	
<b>Viet Nam</b>	To be confirmed later (After discussed with PCCW Global)			