MINUTES OF THE THIRTY-FIRST SC-223 PLENARY JOINT WITH THE THIRD EUROCAE WG-108 MEETING
"Internet Protocol Suite (IPS) and AeroMACS"

DATE: **January 17, 2019**

TIME: **10:00 a.m. – 11:00 a.m.**

PLACE: **Telecon**

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Attendees:

Name	Role	Affiliation	Note
Roy, Aloke	Chair of SC-223	Honeywell International, Inc.	
Pelleschi, Stephane	Chair of WG-108	Collins Aerospace	
Phillips, Brent	Government Assigned Representative (GAR)	Federal Aviation Administration	
Morrison, Rebecca	Program Director	RTCA, Inc.	
Cioranu, Adrian	Technical Program Director	EUROCAE	
Zeng, Dongsong	Secretary of SC-223	The MITRE Corporation	
Varkonyi, Bela	Member	FREQUENTIS A.G.	
d'Humières, François	Member	FREQUENTIS A.G.	
Dlouhy, Ron	Member	Collins Aerospace	
Drásil, Pavel	Member	Honeywell International, Inc.	
Flores Gomez, Victor	Member	EUROCONTROL	

Graefe, Jonathan	Member	Collins Aerospace	
Jaron, Zdenek	Member	Honeywell International, Inc.	
Apaza, Rafael	Member	NASA	
Mineck, Kristen	Member	INMARSAT	
Mirsayar, Ana	Member	INMARSAT	
Gandolfi, Catherine	Member	EASA	
Niraula, Madhu	Member	Collins Aerospace	
Nisbet, David	Member	Thales Group	
Popescu, Liviu	Member	EUROCONTROL	
Skorepa, Michal	Member	Honeywell	
Vanguardia, Michael	Member	The Boeing Company	
XU, Xiangyu	Member	Thales Group	
Tamalet, stéphane	Member	Airbus	

AGENDA

1. Welcome, Introductions, EUROCAE and RTCA Policy Statements, Administrative Remarks
2. Review of previous meeting notes
3. Approval to release the IPS Profiles for Open Council / Final Review And Comment (OC/FRAC)
4. Adjourn

Agenda Items 1. Welcome, Introductions, EUROCAE and RTCA Policy Statements, Administrative Remarks

Aloke Roy, Chair of SC-223, Honeywell, and Stephane Pelleschi, Chair of WG-108, Collins, welcomed the participants.

Rebecca Morrison, Program Director, RTCA, and Adrian Cioranu, Technical Program Manager, EUROCAE, presented the RTCA/EUROCAE policy statements.

Agenda Item 2. Review of previous meeting notes and action items

The working group reviewed and approved the SC-223 P30 meeting minutes.

Agenda Item 3. Approval to release the IPS Profiles for Open Council / Final Review And Comment (OC/FRAC)

In the discussion of the latest changes of the Profiles, Zdenek Jaron, Honeywell, suggested to replace the detailed RFC profile tables with his proposed textual statements in Appendix B of the Profiles document. However, the authors of the detailed RFC profiles preferred the original tabular format. The group agreed to keep the tabular format and is open to the idea of adding more explanatory statements in front of each detailed RFC profile table if necessary. Liviu Popescu, EUROCONTROL, pointed out that since the IPS mobility and security solutions are still to be determined by ICAO WG-I, the Profiles document may be

subject to change in the future. The group deemed it beneficial to socialize the IPS Profiles with the industry and get their feedbacks sooner rather than later.

Finally, the group approved to release the IPS Profiles document for OC/FRAC.

Agenda Item 11. Adjourn

The meeting adjourned around 11:10 AM, January 17, 2019.

List of Action Items

Action Item #	Action Content	Responsible	Due Date	Status
P21-1	Add RFC 7296, 7427, 7670 1034, 1035, 1123, 2181 to high-level profile.	Dongsong Zeng	May 2, 2018	5/2/2017 – CLOSED
P21-2	Draft detail profiles for RFC 2460, 5795, 6846, 5225, 3095, and 4815.	Paul Mettus	May 2, 2018	5/2/2017 – Keep open 8/21/2017 – in progress 10/23/2017 - Keep open 12/4/17 – Keep open 3/5/18 – Keep open 6/4/18 – Aloke will take care of this. 8/13/18 – Dongsong take over the RFCs. 9/24/18 - RFC 5225 supersedes RFC 3095 and 4815, RFC 8200 replaces 2460, RFC 6846 is changed to conditional. RFC 5225 and 8200 have been done. Action Closed.
P21-3	Draft detail profiles for RFC 4443, and 4861.	Madhu Niraula	May 2, 2018	5/2/2017 – CLOSED.
P21-4	Draft detail profiles for RFC 4862, 4429, 4291, 2474, 2475, 2597, and 3246.	Aloke Roy	May 2, 2018	5/2/2017 – keep open 8/21/2017 – In progress. 10/23/2017 – In progress 12/4/17 – Keep open 3/5/18 – Keep open until Aloke put them on the workspace 6/4/18 – Keep open. 8/13/18 – keep open. 9/24/18 – Still need to complete RFC 4862. RFC4429 and 4291 are waiting for review approval. 12/10/2018 – done and subject to review.
P21-5	Refine detail profiles for RFC 2464, 5175, and 768.	Dongsong Zeng	May 2, 2018	5/2/2017 – CLOSED.
P21-6	RFC 3411, 3412, 3413 (SNMP low priority) to be assigned.	All members	May 2, 2018	5/2/2017 – keep open 8/21/2017 – keep open 10/23/2017 – In progress 12/4/17 – Keep open, low priority

				6/4/18 – Keep open. 8/13/18 – SNMP is not a minimum requirement. Closed
P21-7	Draft detail profiles for RFC 1151 (RDP), and 7542 (NAI).	Antonio Correas	May 2, 2018	5/2/2017 – CLOSED
P21-8	Initiate the IPS system overview and use cases	Aloke Roy, Rafael Apaza, Antonio Correas and Dongsong Zeng	May 2, 2018	5/2/2017 – in progress 8/21/2017 – in progress 10/23/2017 – Closed and subject to review.
P21-9	Merge the two high-level profiles and draft the working paper for next WG-I meeting	Dongsong Zeng	May 2, 2018	5/2/2017 – CLOSED
P21-10	Investigate the tradeoffs of SCTP, RDP, UDP and TCP.	Dongsong Zeng and Antonio Correas	May 2, 2018	5/2/2017 – CLOSED
P21-11	Identify DNS related RFCs and develop use cases.	Rafael Apaza	May 2, 2018	5/2/2017 – keep open. 8/21/2017 – Closed
P22-1	Develop DNS use case	Rafael Apaza	August 21, 2017	8/21/2017 – Closed, subject to group review.
P22-2	Develop general connection establishment, data flow and mobility use case	Madhu Niraula	August 21, 2017	8/21/2017 – keep open 10/23/2017 – In progress 12/4/17 – Closed.
P22-3	Develop general security use case	Madhu Niraula	August 21, 2017	8/21/2017 – keep open 10/23/2017 – In progress 12/4/17 – Keep open 3/5/18 – Madhu provided initial draft, the group needs to discuss it. 6/4/18 – Closed and subject to group review
P22-4	Develop multi-link use case	Antonio Correas and Dongsong Zeng	August 21, 2017	8/21/2017 – Closed, subject to group review.
P22-5	Generate mapping table between WG-I requirements and derive requirements to identify gaps	Aloke Roy	August 21, 2017	8/21/2017 – Closed, overtaken by events. We will address it through use cases development
P22-6	Develop initial Profile and MOPS outline	Aloke Roy	August 21, 2017	8/21/2017 – Closed. Profile draft is done, MOPS outline can be deferred to later time.
P22-7	Place/organize the approved profiles on the work space	Dongsong Zeng	August 21, 2017	8/21/2017 – Closed.
P23-1	Explore subnetwork point of attachment (SNPA) addresses for aircraft.	Aloke Roy	October 23, 2017	10/23/2017 – Closed.
P23-2	Explore how many subnets typical DSPs have.	Madhu Niraula	October 23, 2017	10/23/2017 – Closed.
P23-3	Explore how many subnets FAA enterprise has.	Brent Phillips	October 23, 2017	10/23/2017 – In progress 12/4/17 – Closed. Rob Segers - for aviation interop only certain element of FAA network will be exposed. For those elements, 64 subnets will be more than adequate. This strategy might be applicable to other ANSPs.

P23-4	Explore how many subnets PAN European enterprise has.	Danny Bharj	October 23, 2017	10/23/2017 – In progress 12/4/17 – Closed. Refer to ECDL WP3 form CP WG-I/25.
P23-5	Review what is available in the IETF for multilink.	Antonio Correas, Madhu Niraula, Dongsong Zeng	October 23, 2017	10/23/2017 – Closed
P23-6	Flesh out the IPS CONOPS text.	Dongsong Zeng	October 23, 2017	10/23/2017 – Closed
P23-7	Investigate the CRCs of ROHC at system level.	Aloke Roy	October 23, 2017	10/23/2017 – In progress 12/4/17 – Keep open 3/5/18 – keep open 6/4/18 – keep open 8/13/18 – keep open. 9/24/18 – keep open. 12/10/2018 – postponed to MASP discussion
P23-8	Review the existing RFC detail profiles for 5795, 4861, 2597, 3260, 2474, 3246 and provide comments before next telecon.	All member	October 23, 2017	10/23/2017 – In progress 12/4/17 – Closed and will be subject to document walk through.
P23-9	Identify what criteria are needed for link selection.	Antonio Correas	October 23, 2017	10/23/2017 – Closed
P23-10	Generate a whitepaper for the need for airborne router.	Madhu Niraula	October 23, 2017	10/23/2017 – Closed.
P24-1	Draft the simple name lookup provision	Madhu Niraula	December 4, 2017	12/4/17 – Closed and to be discussed.
P24-2	Compare the difference between RFC 8200 and RFC 2460, and recommend profile update	Paul Mettus	December 4, 2017	12/4/17 – Closed and to be discussed.
P24-3	Draft working paper to ICAO WG-I on the use of unique aircraft routing prefix mapped to mobility service provider for route determination. The ground entities use normal routing protocols to propagate the path information. This is an alternate solution to AERO, ground LISP and mobile IPv6	Madhu Niraula	December 4, 2017	12/4/17 – Closed
P24-4	Provide safety/security requirements for both data and control messages	Robert Segers	December 4, 2017	12/4/17 – Keep open 3/5/18 – done and subject to group review. 6/4/18 - Closed
P24-5	Provide link layer security white paper to Rob	Madhu Niraula	December 4, 2017	12/4/17 – Keep open 3/5/18 – Closed
P24-6	Provide CONOPS and DNS to Rich for incorporation to IPS profile draft	Dongsong Zeng	December 4, 2017	12/4/17 – Keep open 3/5/18 – closed
P24-7	Provide link selection criteria specifying which are optional and which are required	Antonio Correas	December 4, 2017	12/4/17 – Closed and to be discussed
P24-8	Provide a concept scheme showing multilink management of packet queuing and forwarding	Antonio Correas	December 4, 2017	12/4/17 – Closed and to be discussed
P24-9	Analyze IP multicast over multilink for emergency messages	Antonio Correas	December 4, 2017	12/4/17 – Closed and to be discussed
P24-10	Update profile schedule to the PMC	Aloke Roy and Brent Phillips	December 4, 2017	12/4/17 – Keep open. 3/5/18 – to be presented in March PMC
P25-1	Draft simple name lookup use case considerations for FANS over IPS and B2 over	Madhu Niraula	March 5, 2018	3/5/18 – Done and subject to review.

	IPS in the format ready to be incorporated in the Profile			
P25-2	Draft security and mobility use case whitepaper and RFC detail profiles	Madhu Niraula	March 5, 2018	3/5/18 – Done and subject to review.
P25-3	Define security requirements and investigate FAA special conditions and share with SC-223	Robert Segers	March 5, 2018	3/5/18 – Done and subject to review.
P25-4	Analyze the DNS security RFCs and if needed generate the detailed RFC profiles	Robert Segers	March 5, 2018	3/5/18 – Done and subject to review.
P25-5	develop port filtering and firewall rules for TCP/UDP ports	Aloke Roy	March 5, 2018	3/5/18 – Done and subject to review.
P25-6	Investigate additional DNS fields needed for simple name lookup, and RFC detail profiles	Rafael Apaza	March 5, 2018	3/5/18 – keep open 6/4/18 - Closed
P25-7	Review Section 3 Functional Requirements of the draft Profile	All members	March 5, 2018	3/5/18 – keep open 6/4/18 – Keep open 8/13/18 – will be moved to SARPS inputs. 9/24/18 – Closed. Functional requirements have been provided to ICAO WG-I.
P25-8	Finish multilink use case and requirements	Antonio Correas	March 5, 2018	3/5/18 – Done and subject to review.
P25-9	work on multicast use case (uplink/downlink) and RFCs	Antonio Correas and Aloke Roy	March 5, 2018	3/5/18 – Done and subject to review.
P25-10	Investigate the initial discovery for each subnetwork prefix and default gateway (wait for RC IMS paper)	Dongsong Zeng and Madhu Niraula	March 5, 2018	3/5/18 – keep open. 6/4/18 – keep open 8/13/18 – wait for Madhu 9/24/18 – RC released the ICD document. The use cases of how each access network works with IPS could be included in the MASPS. Action closed.
P25-11	Review the current RFC 8200 detail profile and provide comments to Paul (starting from item 9 in Section 4.6)	All members	March 5, 2018	3/5/18 – Done and subject to review.
P26-1	Resolve the end-to-end security requirement issue.	Madhu Niraula/Robert Segers	June 4, 2018	6/4/18 – keep open 8/13/18 – keep open 9/24/18 – Security requirements are included in Boeing and RC document. Closed.
P26-2	Coordinate the SC-223 approved IPS security requirements with AEEC IPS subcommittee and ICAO WG-I.	Aloke Roy and Dongsong Zeng	June 4, 2018	6/4/18 – keep open 8/13/18 – working paper presented to AEEC and ICAO. Done.
P26-3	Work with regulators to investigate the potential IPS certification criteria.	Aloke Roy, Stephane Pelleschi, and Dave Robinson	June 4, 2018	6/4/18 – Closed and subject to group discussion. FAA regulatory decision to change from MOPS to MASPS, comments from EASA received.
P26-4	Investigate RFC 4035 Section 3.1.5 about the security concerns over zone transfer.	Robert Segers	June 4, 2018	6/4/18 – Keep open. 8/13/18 – keep open. 9/24/18 – keep open. 12/10/2018 – Closed. Zone transfer is not supported.

P26-5	Initiate IETF coordination.	Stephane Pelleschi	June 4, 2018	6/4/18 - Closed
P26-6	Update Figure 2.1-2 in the IPS profile and create a new IPS data flow diagram.	Madhu Niraula and Michael Vangadia	June 4, 2018	6/4/18 – Closed
P26-7	Review the functional profile and identify which ground options should be changed to mandatory	Stephane Pelleschi	June 4, 2018	6/4/18 – Closed and subject to group discussion. 8/13/18 – keep open. 9/24/18 – keep open. Recommendations submitted and subject to review of the committee. 12/10/2018 – closed.
P26-8	Take to the INNOVA the CONOPs and frame work of naming convention and ground DNS server responsibility, then provide requirements to SC-223/WG-108.	Rob Segers	June 4, 2018	6/4/18 – Closed.
P26-9	Provide a writeup describing simple name lookup for incorporation into the Profile.	Madhu Niraula	June 4, 2018	6/4/18 – closed and subject to review.
P26-10	Provide an architecture diagram/s with focus on expanding the architecture to include mobility, transition, access subnetworks	Aloke Roy	June 4, 2018	6/4/18 – keep open 8/13/18 – work in progress to update the introduction section of the profile. 9/24/18 – keep open. Draft diagram is done and subject to review. 12/10/2018 – done and subject to review. Closed
P26-11	Change all mandatory requirements to conditional on DNS support (IO-DNS). Also re-assess air requirements because DNS is not supported over A/G	Rafael Apaza	June 4, 2018	6/4/18 – Closed and subject to plenary review.
P26-12	Add an introduction to define the scope of RFC 1035	Rafael Apaza	June 4, 2018	6/4/18 – Closed and subject to plenary review.
P26-13	Draft an initial 2-year meeting schedule	Stephane Pelleschi	June 4, 2018	6/4/18 – closed
P26-14	Look into the data base driven name lookup option	Michael Vangardia	June 4, 2018	6/4/18 – closed. The database driven name lookup is not suitable due to security limitations.
P26-15	Provide a list of IPsec RFCs implemented for Iris precursor	Kristen Mineck	June 4, 2018	6/4/18 – keep open. Sanity check with the security RFCs within the Profiles. 8/13/18 – keep open. 9/24/18 – closed. IPsec will not be supported.
P26-16	Initiate a strawman outline of the MOPS document	Aloke Roy	June 4, 2018	6/4/18 – closed. Replaced by the decision of MASPS.
P27-1	Craft a development timeline and dependency table for the ICAO/RTCA/EUROCAE/AEEC working groups, and initiate a general	Aloke Roy, Liviu Popescu, Stephane	August 12, 2018	8/13/18 – on going. High priority

	guidance on the demarcation of the scope of each group	Pelleschi, Vic Patel, Greg Saccone, and Luc Emberger		9/24/18 – action item is closed. Coordination is still on-going.
P27-2	Update table column for ground/ground boundary router	Bernhard Haindl	August 12, 2018	8/13/18 – keep open. 9/24/18 – closed. Subject to review.
P27-3	Summarize the decisions made regarding the device classes in the meeting minutes	Aloke Roy, Stephane Pelleschi, Dongsong Zeng	August 12, 2018	8/13/18 – Done.
P27-4	Update Table 3.3.2-1: IPS DiffServ (DSCP & PHB) to ATN Priority Mapping and submit to WG-I for consideration after the RTCA/EUROCAE consolidation of comments. Note: the content will remain in the Profile until WG-I accepts it before FRAC/OC	Aloke Roy and Madhu Niraula	August 12, 2018	8/13/18 – keep open 9/24/18 – keep open 12/10/2018 –MASPS provides a reference to Doc9896. Closed.
P27-5	Update Chapter 3.3.3 / 2 on the aircraft stand-alone routing domain	Aloke Roy	August 12, 2018	8/13/18 – keep open. 9/24/18 – closed. Subject to review 12/10/2018 – done and closed.
P27-6	Add definitions of IPS system, router, etc., in terms of acronym section. Aloke and Stephane Pelleschi to update all general sections in the profile document	Aloke Roy	August 12, 2018	8/13/18 – Done and subject to review. 9/24/18 – closed.
P27-7	Write a whitepaper to explain that TCP should be prohibited for dialogue services	Stephane Tamalet	August 12, 2018	8/13/18 – keep open. 9/24/18 – closed.
P27-8	Write a note on TCP, SCTP, UDP explaining the use of these protocols. Please consider the disposition of Frequentis' comments	Stephane Pelleschi	August 12, 2018	8/13/18 – keep open. 9/24/18 – closed. Subject to review.
P27-9	Expand the requirement (Chapter 3.3.2/ 7), into multiple requirements such as link performance metrics, link security status. Adjust independently "shall" or "should"	Dongsong Zeng, Stephane Tamalet, Antonio Correas and Bernhard Haindl	August 12, 2018	8/13/18 – Done and subject to review
P27-10	Re-submit the IP addressing proposal to CP DCIWG, WG-I and INNOVA	Aloke Roy	August 12, 2018	6/29/18 – Done. Aloke and Madhu to further coordinate on the multilink and addressing scheme.
P27-11	Draft a whitepaper on what is needed to be done on the ground side for security/certification	Mike Vanguardia and Stephane Tamalet	August 12, 2018	8/13/18 – keep open. 9/24/18 – closed for the profile. Currently FAA, PMC and Boeing do not have standard guidance specifications for ground security. WG-72 and EASA are working to specify security certification requirements for ground systems to demonstrate compliance. Additional security best practice and ground system guidance may be provided in the MASPS. It seems that at minimum

				MASPS should define the assumptions for the ground system such that the trust relation and dependency from aircraft can assured. To be discussed during the development of MASPS.
P27-12	Compile the port list in Profile chapter 3.3.8, and WG-I	Madhu Niraula to coordinate with Aloke Roy, Greg Saccone, Stephane Pelleschi, and Stephane Tamalet	August 12, 2018	8/13/18 – keep open. 9/24/18 – closed. Proposal submitted to ICAO.
P27-13	Send the updated simple name lookup proposal to Dongsong Zeng	Madhu Niraula	August 12, 2018	8/13/18 – Done.
P27-14	Integrate the previous version RFC profile spreadsheet to the current one, and validate it	Dongsong Zeng	August 12, 2018	6/29/18 – Done.
P27-15	Update RFC spreadsheet based on updated profile comments	Dongsong Zeng	August 12, 2018	6/29/18 – Done.
P27-16	Make sure all the previous working files are properly uploaded to the workspaces	SC-223 and WG-108 leadership	August 12, 2018	8/13/18 – done.
P27-17	Coordinate for FRAC/OC of the profile according to the TOR	Adrian Cioranu and Rebecca Morrison	August 12, 2018	8/13/18 – done.
P27-18	Request Hawkins to release the updated profile version to incorporate all the changes up to date preferably by end of next week	Aloke Roy and Dongsong Zeng	August 12, 2018	6/29/18 – Done.
P28-1	Complete RFC-detailed profiles per action items defined in the excel spread sheet	Actionees with action items of RFC profiling	Sept. 17, 2018	9/24/18 – keep open. 12/10/2018 – done and subject to review.
P28-2	Update Sections 1, 2, 3.1 and 3.2 incorporating RTCA MASPS guidance 1.6 vulnerability and "shall and should" definitions	Aloke Roy	Sept. 17, 2018	9/24/18 – keep open. 12/10/2018 – done and subject to review.
P28-3	Send update profile to the contributing team for update	Dongsong Zeng	Sept. 17, 2018	8/17/18 – Closed. Done.
P28-4	Update the detailed RFC profile tables to only include exceptions.	Kristen Mineck	Sept. 17, 2018	9/24/18 – in progress. Keep open. 12/10/2018 – in progress. Keep open. 1/17/2018 - Closed
P28-5	Specify the outline of RFC reference strategy in PMC chair report	Aloke Roy	Sept. 17, 2018	9/24/18 – closed. Done.
P28-6	Update Section 2.3.1 Name resolution	Rafael Apaza and Ron Dlouhy	Sept. 17, 2018	9/24/18 – Closed and subject to review.
P28-7	Update Section 2.3.2 local mobility use case, 2.3.3 Security use case	Madhu Niraula	Sept. 17, 2018	9/24/18 – closed and subject to review.
P28-8	Add Section 2.3.4 multilink use case	Dongsong Zeng	Sept. 17, 2018	9/24/18 – Closed. Antonio added multilink use case to profile. It may move to MASPS later.

P28-9	Update Section 2.3.5 addressing and naming	Aloke Roy, Rafael Apaza and Ron Dlouhy	Sept. 17, 2018	9/24/18 – Closed and subject to review.
P28-10	Update Section 2.4	Aloke Roy	Sept. 17, 2018	9/24/18 – Done and closed. Subject to review
P28-11	Put in the RFC 4492 profile	Dongsong Zeng	Sept. 17, 2018	8/17/18 – Done.
P28-12	Update RFC 8200 detail profile provided by Paul Mettus	Brent Philipps	Sept. 17, 2018	9/24/18 – keep open. 12/10/2018 – done and subject to review.
P28-13	Take over the rest RFCs assigned to Paul Mettus	Dongsong Zeng	Sept. 17, 2018	9/24/18 – Closed. Subject to review.
P28-14	Provide updated figure 2.1-1	Madhu Niraula	Sept. 17, 2018	9/24/18 – closed. Subject to review.
P28-15	Generate inputs to SARPS requirements update.	Aloke Roy	Sept. 17, 2018	9/24/18 – Closed.
P28-16	Share proxy MIPv6 strategy for local mobility with EUROCAE WG-108, and ICAO WG-I MSG to derive consensus.	Madhu Niraula	Sept. 17, 2018	9/24/18 – Closed.
P29-1	Draft IETF reference format and distribute	Dongsong Zeng	Dec. 3, 2018	12/10/2018 – done and subject to review.
P29-2	Reach out to SC-228 to verify whether IPS will be used by C2 link	Aloke Roy	Dec. 3, 2018	12/10/2018 – done. The dependency is still to be defined.
P29-3	Check security requirement Section 3.3.8 and provide the Airbus risk analysis white paper	Stephane Tamalet	Dec. 3, 2018	12/10/2018 – Closed. Note: Review WG-I security risk analysis whitepaper proposed by Airbus.
P29-4	Propose additional subnetwork interface requirements and recommendations	Francois d'Humieres	Dec. 3, 2018	12/10/2018 – Keep open. Will be included in MASPS.
P29-5	Make sure Appendix A is consistent with the changes made in the profile Sections	Dongsong Zeng	Dec. 3, 2018	12/10/2018 – done and subject to review.
P29-6	Clean up the profile file	Dongsong Zeng	Dec. 3, 2018	12/10/2018 – done and subject to review.
P29-7	Populate initial draft MASPS from the cleaned Profile	Stephane Pelleschi	Dec. 3, 2018	12/10/2018 – done and subject to review.
P29-8	Add additional materials (methodology section and detail profiles) to the profiles	Aloke Roy	Dec. 3, 2018	12/10/2018 – done and subject to review.
P29-9	Define how to use RFC2119 terminologies in the methodology section	Aloke Roy	Dec. 3, 2018	12/10/2018 – done and subject to review.
P29-10	Specify general constraints and requirements that are relevant to that RFC (e.g., TLS connections initiated by aircraft. DTLS client is aircraft and server is on ground).	Detailed RFC profile owners	Dec. 3, 2018	12/10/2018 – keep open.
P29-11	Submit a working paper to ICAO WG-I and MSG identifying actions needed for completing profiling and MASPS in time	Aloke Roy and Stephane Pelleschi	Dec. 3, 2018	12/10/2018 – keep open. AEEC maintains a gap analysis and will present to WG-I/MSG/SSG.
P29-12	Review SESAR initial concept document	SC-223/WG-108	Dec. 3, 2018	12/10/2018 – keep open.
P29-13	review the list of RFCs related to security for completeness	WG-108	Dec. 3, 2018	12/10/2018 – keep open.
P29-14	Coordinate with EASA about the June 2019 meeting dates and venue	Stephane Pelleschi	Dec. 3, 2018	12/10/2018 – will be covered in the June meeting, which will be the week of June 17, 2019. Keep

				open, Stephane will request feedbacks from EASA.
P29-15	Have the draft profile distributed at least a week before October telecon	Aloke Roy and Stephane Pelleschi	Dec. 3, 2018	12/10/2018 – done.
P30-1	Add texts back to Appendix B, add RFC 8446, remove 793, and replace 2460 with 8200.	Kristen Mineck	Dec. 18, 2018	1/17/2018 - Closed
P30-2	Complete and send deviation justification sentences in Appendix B to Dongsong			
	P30-2.1: RFC 768, 8200, 2464	Dongsong Zeng	Dec. 20, 2018	1/17/2018 - Closed
	P30-2.2: RFC 2474, 2597	Stephane Pelleschi	Dec. 20, 2018	1/17/2018 - Closed
	P30-2.3: RFC 4443, 4861	Madhu Niraula	Dec. 20, 2018	1/17/2018 - Closed
	P30-2.4: RFC 5795, 4492, 6347, 6960	Jonathan Graefe	Dec. 20, 2018	1/17/2018 - Closed
	P30-2.5: add RFC 5055	Robert Segers	Dec. 20, 2018	1/17/2018 - Closed
	P30-2.6: RFC 8446	Michael Vangardia	Dec. 20, 2018	1/17/2018 - Closed
P30-3	Send redlined Profiles to Aloke, Stephane and Zdenek	Dongsong Zeng	Dec. 21, 2018	1/17/2018 - Closed
P30-4	Double check and clean up the Profile	Aloke Roy and Stephane Pelleschi	Jan. 1, 2019	1/17/2018 - Closed
P30-5	Distribute an alternative profile description for Appendix B	Zdenek Jaron	Jan. 4, 2019	1/17/2018 - Closed
P30-6	Distribute both redlined and clean pdf copies to the group	Dongsong Zeng	Jan. 4, 2019	1/17/2018 - Closed
P30-7	Iris, SESAR, ICAO and AEEC representatives to provide a few sentences on current status to include in the meeting minutes	Iris, SESAR, ICAO and AEEC representatives	Jan. 16, 2019	1/17/2018 - Closed
P30-8	Add new texts to Profile Section 1.2 How to read this document	Liviu Popescu and Aloke Roy	Jan. 16, 2019	1/17/2018 - Closed
P30-9	Provide definition of IPS in Section 1.5 Glossary of Terms	Stephane Pelleschi	Jan. 16, 2019	1/17/2018 - Closed
P30-10	Update Figure 2-2 to make security box a vertical red bar from top to bottom and remove TCP line. Change the text accordingly after the color coding is changed.	Aloke Roy and Kristen Mineck	Jan. 16, 2019	1/17/2018 - Closed
P30-11	Delete TCP, replace DSP with ASN in the figure in Section 2.2.1 on page 20.	Ron Dlouhy	Jan. 16, 2019	1/17/2018 - Closed

-S-
Dongsong Zeng
Secretary

CERTIFIED as a true and accurate summary of the meeting.

- S-
Aloke Roy

SC-223 Chairman

- S-
Stephane Pelleschi
WG-108 Chairman