Summary of the 49th Meeting
Special Committee 206
Aeronautical Information Services (AIS) and Meteorological (MET) Data Link Services

Executive Summary

The 49th meeting of SC-206 was held December 5-7, 2017, at the Harris facility in Herndon, Virginia.

- **SG1 — Aircraft-based Observation (AbO) Requirements**
  - SG1 is on schedule and intends to continue delivering results to the CSC during their January meeting
  - There are a number of working papers in progress
  - There has been no pushback regarding any of the non-provisioned items, and that they are proceeding smoothly
  - There has been appreciation expressed for consideration of bandwidth and the explanation of why certain items are not being considered
  - Going forward, SG1 will continue their regular monthly meetings and prepare and discuss the working papers with SC-209 and SC-186

- **SG4 — Guidelines for Eddy Dissipation Rate (EDR) Algorithm Performance**
  - There were no issues with the additional slides included in the PMC slide deck regarding why an EDR MOPS was not pursued and why the decision was made to produce a Guidance Document
  - There was discussion about how the Guidance Document is invoked and operational comparability is preserved
  - Rocky stated that he feels that the EDR Guidance Document is valuable, but the total issue is not resolved in terms of the operational applications / implications
  - Moin stated that he is pursuing additional operational work on the EDR issue

- **SG5 — DO-358A (MOPS for FIS-B via UAT)**
  - SG5 is approximately 3 months ahead of the current TOR schedule
  - June 2018 – FRAC release
  - September 2018 – FRAC resolution
  - December 2018 – PMC approval
  - The SG5 schedule may change later if Multi-Radar / Multi-Sensor (MRMS) is added
  - If MRMS becomes an FAA desirable product, and it cannot meet the MOPS schedule as planned, then SG5 will go back to the PMC for an extension

- **SC-206 TOR update discussion**
  - Bill Carson presented slides regarding how to conduct the work intended to be included in the upcoming TOR revision (reference Bill’s closing Plenary slides)
  - Bill stated that he was tasked with looking into the amount of work necessary to integrate the WG76 services into the MASPS and the associated OSA/OPA effort
Summary of the 49th meeting
RTCA SC-206 – AIS/MET Data Link Services

- If any of the WG76 services get incorporated into Appendix A of the MASPS, work will be required to get the WG76 services to a desired / required level of completeness and bring them up to the level of detail of the SC-206 document
- Bill will report out in January to SC-206 regarding his findings / conclusions

• Next SC-206 meetings:
  o March 12-16, 2018, in Melbourne, FL.
  o June 11-15, 2018 in Washington DC area (Harris or AOPA)
  o September 17-21, 2018, at RTCA in Washington, DC.
The 49th meeting of SC-206 was held December 5-7, 2017, at the Harris facility in Herndon, Virginia.

Presentations are posted at:

Tuesday Opening Plenary
The opening Plenary session convened at approximately 0830 on Tuesday, December 5th.

1. Opening Remarks:
   - DFO - Eldridge Frazier read the opening statement as the Designated Federal Officer
   - Chairman – Rocky Stone opened the meeting at 0845
     - Rocky indicated that there would be a Plenary session this morning and on the
       morning of Thursday, December 7th
     - Subgroup 5 will hold their SG meeting this afternoon and all day Wednesday,
       December 6th
       - The bulk of the work this week will be from SG5
     - Rocky noted that we are at an “interesting juncture” for SC-206
       - For the most part, we have completed the intended work plan
       - SC-206 is in the process of examining the Terms of Reference and possibly
         expanding the MASPS work
       - Rocky will be meeting with the CDM team in January to discuss SC-206
         MASPS work
       - SG6 may be re-energized with additional MASPS work from the CDM world
     - Rocky noted that SG1 is still active
       - SG1 is supporting the Combined Surveillance Committee (CSC)
       - The SG1 work will continue for a while with some options
     - Rocky stated that SC-206 may remain open, but without Plenary meetings for a while
       - SC-206 may continue through the end of 2019
     - Rocky stated that Allan Hart has officially retired
       - Tom Evans (NASA) will be nominated as the new co-chair
       - Joe Bracken (AvMet) will be nominated as the new secretary
   - RTCA – Karan Hofmann reiterated that RTCA does not like to put proprietary information in
     documents
   - Host - Paul Freeman stated that the local group dinner location is TBD and that there will be
     a tour of the Harris facility at the end Thursday’s Plenary session

2. Attendees / Introductions
   - Rocky Stone, Co-chair United Airlines
   - Tom Evans, acting Co-chair NASA
   - Moin Abulhosn FAA Aircraft Certification
   - Louis Bailey Boeing
   - Ken Bath* Harris Corporation
   - Joe Bracken AvMet Applications, Inc.
   - Bill Carson The MITRE Corporation
   - Kin Chan* Harris Corporation
   - Stephen Darr* Dynamic Aerospace
   - Tammy Farrar* FAA Aviation Weather
   - John Ferrara Consultant
   - Eldridge Frazier FAA Aviation Weather
Summary of the 49th meeting
RTCA SC-206 – AIS/MET Data Link Services

- Paul Freeman Harris
- Karan Hofmann RTCA
- Jeremy Holman* Garmin Ltd.
- Amanda Hoprich* AvMet Applications, Inc.
- Mike Jackson* Honeywell
- Ed Johnson* FAA
- Brock Lascara The MITRE Corporation
- Jim Mills HQ USAF
- Mark Mutchler* FAA Policy and Innovation
- Madhu Niraula Rockwell Collins
- Shane O’Dell* Garmin Ltd.
- George Percivall Open Geospatial Consortium (OGC)
- Mark Phaneuf Air Line Pilots Association (ALPA), Int’l
- Ralph Smith Harris Corporation
- Charles Thomas Harris Corporation
- Frances Prutt Velazquez AvMet Applications, Inc.
- Timothy Williams Harris Corporation
*Telecom

3. The meeting agenda was approved

4. The minutes of the previous SC-206 plenary (September 11-15, 2017 at RTCA) were approved

5. All Open Action items were reviewed and dispositioned as necessary
   - #309 – It was agreed to keep this Action Item open for now
     - The March 2018 Plenary meeting date and venue is set for March 12-16 at the Harris facility in Melbourne, Florida
     - The June 2018 Plenary meeting dates are currently set for June 18-22
       - At this meeting the MOPS is intended to be approved for FRAC release
       - Karan noted that the PMC meeting is on June 21st
       - Steve Darr noted that there is a CSC meeting that week also
       - There is an option to move the June Plenary to another week
         - Eldridge agreed to verify a personal event in June in order to identify another June Plenary date
         - This will be discussed again during the closing Plenary this week
       - Eldridge suggested that the June Plenary come to Herndon, VA again in June
       - However, he may be able to get AOPA in Frederick, MD to agree to host the meeting
       - Eldridge agreed to begin coordinating with AOPA on the availability of possible meeting space
     - The September 2018 Plenary has to take place at RTCA Headquarters in Washington, DC
       - This will be a Plenary in which the MOPS FRAC review will occur
       - Karan agreed to check on room availability at RTCA in September 2018
   - #310 – It was agreed to keep this Action Item open at this time
     - Paul Freeman provided an update on this item
     - Paul noted that the FAA may want to add Temporary Restrictions to FIS-B
Summary of the 49th meeting
RTCA SC-206 – AIS/MET Data Link Services

- Harris was asked to provide a ROM estimate to the FAA for future incorporation of Temporary Restrictions
  o Eldridge responded that he “has the ball” for this particular White Paper
    - Harris went to the SBS office with their position
    - Eldridge wrote the White Paper position from the perspective of SG5
    - This will be discussed during the SG5 meeting this week
  o John Ferrara noted that this is an FAA / industry issue and that the White Paper is not going to cover all the issues
    - This will require some sort of action on the part of the FAA

6. Sub-Group Reports
   a. SG1: CSC JC and Other SC Coordination (ISRAs) / FPAW
      o There was no opening Plenary report by SG1
   b. SG4: Guidelines for EDR Algorithm Performance
      o Tammy provided an update on the slides she plans on presenting to the PMC on December 19th (Reference SG4 Opening Plenary slide deck)
      o Steve Darr stated that they need to have further discussion at some point regarding how the document will be invoked to make sure this carries through to the operational environment
      o Tammy responded that there is still a question as to how this document is going to be invoked
        - Moin responded that invoking this document by a TSO is not an option
          - The EDR document will now be invoked via some sort of Advisory Circular (AC)
        - In March, this document was changed to a Guidelines document
        - Tammy added that Lou Volchansky was involved in those discussions during the Hampton meeting and concurred with the decision to change the type of document
        - There is still some confusion as to what will happen with this document now that it is complete and why it isn’t a MOPS
        - Tammy suggested that she add a few slides to her PMC briefing to remind the PMC of the decision to not develop a MOPS
        - Tammy is asking for feedback from SC-206 on adding a few additional slides to remind the PMC of the decision
          - The SC-206 participants concurred
        - Tammy agreed to send the final slides to Amanda to display during the Thursday closing Plenary session
          - The SC-206 team agreed to look at the PMC slide deck and provide feedback to Tammy during the closing Plenary
      o George Percivall asked what the phrase “standardizing the output of the algorithms” on one of Tammy’s SG4 slides meant
        - Rocky responded by stating that the stated goal of the document was to ensure that the algorithms provide operationally comparable outputs
        - Rocky added that there are several different ways of calculating EDR / turbulence
        - Tammy noted that the purpose of the Guidance document is to ensure similar algorithm outputs in the test environment
   c. SG5: FIS-B MOPS
      o Paul Freeman provided an update on the SG5 work (Reference SG5 Opening Plenary slide deck)
John Ferrara stated that SG5 is not doing anything now with respect to Multi-Radar / Multi-Sensor (MRMS)
- However, the addition of MRMS would change the MOPS document
- It is up to the FAA to integrate MRMS into FIS-B
John added that the SG5 schedule may change later if MRMS is added
- Eldridge commented that the FAA cannot afford to close the MOPS document and then subsequently do another revision
  - If MRMS becomes an FAA desirable product, and it cannot meet the MOPS schedule as planned, then SG5 will go back to the PMC for an extension
  - The decision to include MRMS is between Harris and the FAA’s SBS office
  - Harris will be holding discussions with the FAA on December 14th
Paul noted that SG5 is on schedule to hit their current deadline, absent any changes due to MRMS
Eldridge added that right now, SG5 is 3 months ahead of the schedule in the TOR
John Ferrara stated that there will be new products on the uplink before the MOPS is available to the users
  - Bill Carson asked, if the MOPS is not issued at the time the new products become available, how will the users know the structure of the data
  - John replied that some will “reverse engineer” it
  - John added that there is a rumor that the SBS office is planning on putting out a document to provide the users some advance information
Eldridge stated that, from a WTIC perspective, new aircraft in the future will see more integrated capabilities of FIS-B products outside of an EFB
  - The capabilities will be integrated directly into the avionics

7. TOR Changes / Rejoining with WG-76
   • TOR Changes
     o Tom Evans and Joe Bracken’s names will be added to the TOR to be discussed at the December 19th PMC meeting
     o Karan also suggested deleting the EDR Guidance Document from the list of deliverables
   • Rejoining with WG76
     o Rocky asked if there is value in rejoining with EUROCAE
       - The SC-206 MASPS has 3 Use Cases
       - WG76 is deciding if these Use Cases cover their 16-17 services
         - The question is if we can fit their services into the MASPS
       - The “ball” is currently in EUROCAE’s court
         - EUROCAE was asked if they would be willing to fit their services into our structure, with the exception of the downlink services from SG1
         - Ed Johnson noted that reopening the downlink for modification as part of the harmonization effort should be avoided
           i. The downlink service should be included in the harmonized MASPS, but it must utilize the parameters and data transmission rates identified in DO-364 and implemented by the CSC in the ADS-B and Mode S MOPS
Summary of the 49th meeting
RTCA SC-206 – AIS/MET Data Link Services

- Karan asked if it is time for SC-206 to have another telecom with the leadership of WG76
  - SC-206 concurred
  o Eldridge noted that EUROCAE is now down to 13 services
    - EUROCAE feels we have a good MASPS
    - There is some pushback on excluding the downlink and putting the latencies and resolution (quality) around some of the MOPS parameters
    - Rocky stated that we need some parameter quality information in order to specify the quality of the parameters that go into a forecast
  o Eldridge reported on the state of the funding coming from WTIC towards SC-206
    - WTIC has been funding a lot of the administrative work for SC-206
    - Some research has been funded by WTIC
    - In the future, if the decision is made to update the MASPS document, industry will need to play a major part in doing / funding the work
      - Bill and Isabela’s participation will have to be scaled back
    - Rocky responded that there is interest from a CDM perspective, Rocky expects high degree of interest on the part of industry
  o George Percivall asked about the relationship to WXXM and access from SWIM
    - John Ferrara responded that there is no link defined yet
      - There have been studies done on how to put that information into compact bundles to be sent to the cockpit, but they’re unsure how to do that at this point
    - Eldridge stated that WTIC is conducting some of that research now as part of the ROMIO demonstration
      - Eldridge expects to be able to provide a ROMIO update in the March 2018 timeframe
      - ROMIO is attempting to demonstrate that information can be condensed and sent over the onboard communication links, proving out that it won’t impact the quality of the passenger entertainment systems
- Proposed TOR Language Related to Rejoining WG76
  o The SC-206 team agreed to read through the proposed changes and discuss during the closing Plenary
  o Karan agreed to reach out to her counterpart in WG76 to get their feedback on the proposed TOR changes
  o Bill Carson offered to present some slides during the Thursday closing Plenary regarding a review that Eldridge tasked him to do related to merging the US / EUROCAE efforts
    - Bill offered as an example that each SC-206 Use Case results in a 10-20 page mini-ConOps within the appendices of the MASPS
    - If WG76 wants their 13 services covered in our MASPS, they need to enhance their document to include another level of detail
  o Steve Darr asked if there will be a decision at the Thursday Plenary session to rejoin WG76
    - Rocky responded that there is not enough feedback from WG76 yet to make that decision
      - SC-206 decided to wait until the March Plenary to make that decision
      - This will be discussed in more detail on Thursday
      - As a group, we need to get a sense if it will be valuable or not
Rocky stressed that coordination between SC-206 and the WG76 leadership between now and next meeting is imperative.

8. Industry Presentations
   - There were no industry presentations during the opening Plenary

9. The opening Plenary session concluded at approximately 1000 on Tuesday, December 5th.

Thursday Closing Plenary
The closing Plenary session convened at approximately 0830 on Thursday, December 7th.

10. Sub-Group Reports
   - SG1 Closing Report
     - Co-Chairs: Ed Johnson and Clark Lunsford
     - Steve Darr provided the SG1 closing report (reference SG1 closing Plenary slide deck)
     - Steve reported that SG1 is on schedule and intends to continue delivering results to the CSC during their January meeting
     - There are a number of working papers in progress
     - Steve stated that the information on slides 4 and 5 of his slide deck will become part of their response to the ISRA
     - John Ferrara asked if SG1 is talking about 1-way communication out from the aircraft when they are coordinating with SC-209 and SC-186
     - Steve responded that the MOPS is only able to specify requirements for ADS-B Out and any associated squitters, any Mode-S squawks / replies, and for ADS-B In onboard equipment
     - SG1 cannot specify any requirements for any ground equipment
     - John asked where the ADS-B In requirement is being specified
     - Steve responded by stating the ADS-B MOPS
     - John asked if the intent is to be backwards compatible
     - Steve responded that the intent is to maintain compatibility with the 2020 mandate version of the MOPS (DO-260B), and that compliance with the revisions made in 2019 (DO-260C) won’t be required for the 2020 mandate
     - John asked if there has been a bandwidth study on impacts
     - Steve responded in the affirmative. There was a bandwidth study when the DO-260B MOPS was being developed
       - Steve noted that, at present, they are hoping to get into the existing unused bit counts within the existing message set with no impact
       - There is no concern that there will be a negative impact
     - Eldridge asked if there is any pushback on any of the non-provisioned items
     - Steve responded that there has been no pushback, and that they are proceeding smoothly
       - Steve added that there has been appreciation expressed for consideration of bandwidth and the transparency of the effort and explanation of why certain items are not being considered
       - Steve stated that SG1 entered the CSC with an understanding that they did not have to justify the parameters they are provisioning for
- SG1 is not being asked for additional studies (or to redo previous studies)
  - Steve reported that, going forward, SG1 will continue their regular monthly meetings and prepare and discuss the working papers with SC-209 and SC-186

- SG4 Closing Report
  - Co-Chairs: Tammy Farrar and Bill Watts (neither were online)
  - Tammy was not online, but the Plenary group reviewed the revised SG4 PMC slide deck
    - Reference the SG4 closing Plenary slide deck
  - There were no issues with the additional slides that Tammy included regarding why an EDR MOPS was not pursued and why the decision was made to produce a Guidance Document
  - Steve Darr stated that he wanted to clarify his concerns about how the Guidance Document is invoked and comparability is preserved
    - Steve noted that the Guidance Document deals with algorithm testing environment only
    - As they are putting a working paper together for SG1, they are including additional language to ensure that the outputs of the algorithms are handled in an operational environment
    - Steve noted that SG1 will be working closely with Tammy and Moin Abulhosn
    - Rocky asked how SG1 is going to address the operational environment
      - The overall question is how comparable the outputs will be in an operational environment following onboard implementation
      - Ed Johnson noted that they may have to adjust the constraints so that the algorithm testing criteria translates to the operational environment
      - Rocky added that this is not an easy issue to resolve
    - Eldridge stated that this causes him some concern
      - SC-206 worked through the document and we’re now going into the PMC questioning whether the document is valid for the operational arena
      - Steve responded that he feels that the EDR Guidance Document is valuable output from SG4, however they may need to tighten some items up
        - If the airlines are getting EDR through either Mode-S or ADS-B, they need to ensure that its usable
      - Rocky added that one thing that the EDR document does not get to is that we need something else to ensure the top row on the EDR Guidance Document scope diagram works (operationally comparable)
      - Steve stated that they have explored including several bits to identify which algorithm is being used and have discussed this with Tammy and Greg Meymaris (NCAR)
        - However, this does not necessarily give the ability to compare off-board as each algorithm may have several different implementations
        - SG1 is looking more at if EDR is being put out on an ADS-B message set, there may need to be some restrictions on window length (for example)
iii. If EDR is not on an ADS-B message, then the testing requirements of the Guidance document is sufficient
   - Rocky stated that EDR should be able to be sent via ADS weather
   i. Steve responded that that may be an area for additional study
   - Steve added that they may eventually have to look at whether an algorithm could be “disqualified” based upon an ADS implementation
   - Rocky stated that he feels that the EDR Guidance Document is valuable, but the total issue is not resolved in terms of the operational applications / implications
   o After Moin returned to the Plenary session, Rocky noted to him that the point was raised that more work may be required on the EDR operational implementations
   - Moin stated that he is pursuing additional operational work on the EDR issue

• SG5 Closing Report
  o Co-Chairs: Paul Freeman and John Ferrara
  o Paul Freeman provided the SG5 closing report (reference SG5 closing Plenary slide deck)
  o Paul reported that NOTAMS are a continual issue within the Subgroup
    - There are many aspects related to formatting, consistency, processing
  o Tom Evans asked if the SG5 test procedure discussion affects existing test procedures
    - Paul responded in the negative
    - Bill Carson noted that there may be some minor modifications to existing test procedures, but those modifications are expected to be minimal

11. Future Meeting Plans and Dates
• Regarding the June Plenary week
  o Steve reported that there is a CSC meeting during that week
  o The week of June 11th works better for everyone
  o The number of days for the meeting will be revisited later as work progresses
  o Eldridge agreed to contact AOPA to determine if their facility is available to host
• Regarding the Plenary scheduled for the week of September 17th
  o Karan reported that RTCA meeting space is available
  o There will be a PMC meeting on September 20th
  o The number of days for the meeting will be revisited later as work progresses
• Karan stated that SC-206 can still exist in the future, but does not have to meet in Plenary if there are no documents required
  o Rocky added that after September 2018, SC-206 could go into “caretaker” status
  - However, we may want a Plenary in early 2019

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Current plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 12-16, 2018</td>
<td>Melbourne, FL (Harris)</td>
<td>Document development</td>
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<tr>
<td>June 11-15, 2018</td>
<td>DC Area (AOPA?)</td>
<td>SC-206 approves FIS-B MOPS for FRAC</td>
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<tr>
<td>Sept 17-21, 2018</td>
<td>DC (RTCA)</td>
<td>FIS-B MOPS FRAC resolution; SC-206 approves release to RTCA</td>
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</tbody>
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12. Review and Approve March 2018 Plenary Meeting Agenda
• Rocky asked if SC-206 should consider compressing the Melbourne Plenary to 3 days
  o Or begin Monday afternoon versus Tuesday morning
  o Rocky added that SC-186 holds just a closing Plenary
Summary of the 49th meeting
RTCA SC-206 – AIS/MET Data Link Services

- Karan added that that is more the norm
  o Rocky noted that it may be more efficient to hold the Plenary at the end and start the week with Subgroup work
  - Eldridge concurred
  o Tom stated that, when going forward, if 5 days are not needed, we should not push for it
  o Rocky recommended a Monday afternoon start for the meeting
    - Start at 1pm on Monday afternoon
    - Hold the Plenary session on Thursday afternoon
  o Steve commented that opening and closing Plenary sessions do give the opportunity for other Subgroups to plan their work week with respect to other Subgroups
    - Rocky responded that SC-186 tries to publish Subgroup agendas ahead of time to give everyone a sense of what will be done
• The March meeting will begin on Monday at 1pm with Subgroup meetings
  o The Plenary session will be Thursday morning
  o Rocky suggested that when publishing the agenda, to include an optional Friday SG5 meeting
    - Karan responded that the only thing that needs to be published is Plenary details
• Amanda agreed to update the meeting agenda based on the decisions made here
• Tom asked how the SC-206 schedule will be impacted if we proceed with CDM or WG76
  o Rocky responded that CDM collaboration or WG76 involvement will impact the continuation of SC-206
    - However, Rocky is not sure that RTCA is the only path to get into the CDM world

13. Terms of Reference (TOR) Change Discussion
• Bill Carson presented slides regarding how to conduct the work intended to be included in the upcoming TOR revision (reference Bill’s closing Plenary slides)
  o Bill stated that Eldridge asked him to look into the amount of work necessary to integrate the WG76 services into the MASPS and the associated OSA/OPA effort
  o Bill stated that if any of the WG76 services get incorporated into Appendix A of the MASPS, a lot of work will be required to get their services to a desired / required level of completeness
    - This could be worked either within SC-206 or WG76
  o Bill noted that his suggestion would be to bring their services up to the level of detail of the SC-206 document
• Bill stated that there is a difference in terminology with pub-sub / contract or demand / request-reply
  o If we change the SC-206 terms, we need to determine how that will affect the Use Cases and the OSA/OPA work
• Referencing the “Our perspective” slide
  o Regarding Bullet #7, Eldridge stated that we need to consider the OPA requirements to drive the requirements for the vendors and the CSS-Wx community
  o Ed stated that if WG76 doesn’t rejoin until next year, there will be no opportunity for WG76 to influence the CSC unless you stop the CSC and reopen the discussions
    - Eldridge responded that he sees the opposite in that the work from the CSC could be folded into the MASPS
Summary of the 49th meeting
RTCA SC-206 – AIS/MET Data Link Services

- Eldridge feels that SG1 is “leading the charge” and will feed into the MASPS and the MASPS will not disrupt what SG1 is doing
- Ed added that the SG1 work may be disrupted if WG76 and SC-206 decide to reopen the MASPS to address the downlink
- Rocky agreed, but does not want any EUROCAE work to disrupt the CSC work
- Rocky added that the CSC does have EUROCAE involvement, but not WG76

- Tom stated that we need to allow for room to produce an improved combined document based on the WG76 document requirements
  - Bill concurred, but noted that he is simply pointing out areas where more work may be required
- Referencing the “add more but” slide
  - Tom asked if it is beneficial / required to have all squares in the table filled in
    - Bill responded that it is not necessary that all be filled in
      - But those filled should be based upon which are determined to be “valuable” to cover
- Rocky stated that he feels that this is good background information and is germane to future discussions with WG76
  - Karan agreed to follow up with WG76 after their working group meeting concludes
  - Karan asked Bill when his full task will be completed
    - Bill responded that he anticipates it to be complete by the second week of January
- Eldridge noted, with respect to Bill’s task, there are elements for:
  - A more complete review
  - Travel funds to meet with WG76 face to face to brief them
- Rocky stated that he feels the biggest benefit of merging their work into ours tends to eliminate future issues
  - However, WG76 cannot drive the SC-206 document effort
    - Theirs will need to be merged with our document
- Rocky noted that SC-206 will press forward in discussions with WG76 with Bill’s document as supporting material
- Rocky added that, with respect to the CDM world, he’s not 100% sure that CDM will see SC-206 as the place where the work needs to be done
- Rocky highlighted the future TOR issues as
  - Rejoining WG76 and including the CDM work
  - It was decided to remove word “primary” from the background paragraph
  - Tom stated that the WG76 draft TOR says specifically they want to address AbO, but an earlier SC-206 TOR stated that we are not addressing AbO
    - This will be discussed and finalized at the March Plenary meeting
  - Ed asked if the TOR changes to be presented at next week’s PMC meeting will only include leadership changes and the removal of the SG4 document from the deliverable list
    - Rocky responded in the affirmative

14. Industry Coordination
- Rocky noted that he will be participating in a CDM meeting at the Command Center in Warrenton, VA
15. Action Item Review (reference Action Item list from this weeks Plenary)
   - 309 has been completed and is Closed
   - 310 will remain Open
     - This will be coordinated electronically within SC-206 for Eldridge to take forward
     - Karan mentioned that the White Paper needs to go through the PMC prior to forwarding to the FAA
   - 311 has been completed and is Closed
   - 312 will remain Open
   - 313 has been completed and is Closed
   - 314 has been completed and is Closed
   - 315 will remain Open
   - 316 will remain Open
     - SC-206 team to review the proposed language and report to Rocky by the next Plenary
     - Karan will also coordinate with WG76 to get their feedback on the proposed TOR change
   - 317 has been combined with 316 and is Closed

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<tr>
<th>#</th>
<th>Owner</th>
<th>Action</th>
<th>Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>310</td>
<td>SG5</td>
<td>There are serious problems with providing Temporary Restricted Areas information via NOTAM and FIS-B. Address this in a white paper to SC-206 leadership. The problem is system-wide, but focus on the FIS-B perspective. Formulate some options for SC-206 leadership.</td>
<td>Sept 2017</td>
<td>Open</td>
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<tr>
<td>312</td>
<td>Eldridge</td>
<td>Eldridge to coordinate with AOPA for a June 2018 Plenary venue</td>
<td>Dec 2017</td>
<td>Open</td>
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<tr>
<td>315</td>
<td>Karan</td>
<td>Karan agreed to arrange another telecom with the WG76 leadership regarding the combined MASPS</td>
<td>Dec 2017</td>
<td>Open</td>
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<tr>
<td>316</td>
<td>SC206</td>
<td>SC206 team to review proposed TOR change language as it relates to rejoining WG76 and provide comment by the March 2018 Plenary meeting. This includes coordination by Karan with WG76 to obtain their feedback</td>
<td>Dec 2017</td>
<td>Open</td>
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<tr>
<td>318</td>
<td>Rocky</td>
<td>Rocky to provide an update on the CDM activities to the SC206 team in January 2018</td>
<td>Dec 2017</td>
<td>Open</td>
</tr>
<tr>
<td>319</td>
<td>Bill</td>
<td>Bill Carson to complete and provide an update on his harmonized MASPS tasking in January 2018</td>
<td>Dec 2017</td>
<td>Open</td>
</tr>
<tr>
<td>320</td>
<td>Amanda</td>
<td>Amanda to update the March Plenary agenda to remove the opening Plenary session and to change the end date / time</td>
<td>Dec 2017</td>
<td>Open</td>
</tr>
<tr>
<td>282</td>
<td>Moin</td>
<td>Clarify what type of AIS/MET data link MOPS would be needed (as follow on to the AIS/MET MASPS), if one or multiple MOPS are needed, or one with different sections for different systems. — Can close pending resolution of AI 299.</td>
<td>March 2014</td>
<td>Closed</td>
</tr>
</tbody>
</table>
16. Other business
   • No new business was discussed

17. AOB
   The Closing Plenary session adjourned at approximately 1200 on December 7th with a tour of the Harris facility.

CERTIFIED as a true and accurate summary of the meeting.

Joe Bracken, Acting Secretary

Rocky Stone, Co-chair

Tom Evans, Acting Co-chair