	EUROCAE WG-117 / RTCA SC-240 WG meeting minutes		
	Process owner: Anna von Groote		**Document owner**: Fabrice Ferrand
Reference EUR: 012-21/WG117-009 **Reference RTCA:** 010-21/SC240-009	**Version: v1.0** **Dated: 18/11/2020**		**No pages: 20**

EUROCAE WG-117 / RTCA SC-240
Topics on Software Advancements (TOSA)
Plenary Meeting 4

WG meeting minutes

	Date	Name	Signature
Approved	18/11/2020		
Reviewed	18/11/2020		
Prepared	18/11/2020	Andrew Hoag Fabrice FERRAND	

EUROCAE WG-117 / SC-240 "Topics on Software advancements (TOSA)"

Meeting #4 Calling Notice

Date	*17 – 18 November 2020*
Place	*15:00 – 20:00 CEST / 09:00 – 14:00 EDT*
Venue	*Virtual (Webex)*
Hosted by	*RTCA: 792478613@rtca.webex.com*

MINUTES, DAY 1

1. Review of RTCA and EUROCAE Policies and Expectations

Rebecca showed Slides to support introduction

Rebecca Morrisson reviewed RTCA policies :
 Presentation of meeting tips: microphone and muting discipline
 Presentation of Anti-Trust Policy (recall from meeting #1)
 Presentation of Proprietary Policy (recall from meeting #1)
 Presentation of RTCA Committee Participation Membership policy (recall from meeting #1)

Sebastian Reschenhofer reviewed EUROCAE policies:
 Presentation of IPR Policy (recall from meeting #1)
 Presentation of Participation in EUROCAE WGs (recall from meeting #1)

Communication plan:
 Presentation of Slido to share comments and questions reaised during discussions.
 Link provided: https://app.sli.do/event/pjdj95n0/live/questions

2. Welcome, Introductions

Introduction of Steeve Cook, Ales Siard, Amanda Melles, Andy Hoag, Atabak Sadeghi, Barbara Lindberg, Benedito Sakugawa, Blake Conner, Boris Resnick, Dewi Daniels, Ed Hann, Emmanuel CHENU, Fabrice Ferrand, Gabriele Melia (*), George Romanski, Guillaume Soudain, Jeremy Holman, Jerome ?, Jim Chelini, John Angermayer, John Waddle, Julien Bourdeau, Keith Darwin, Louis Fabre, Malkit Rai, Mark Lillis, Marth Blankenberger, Martin Momberg, Matthew Tkac, Mike Vukas, Mitchell Diebold, Nate Romine, Nick Tudor, Nik Scarrott, Odile Auzary, Patrick Serrot, Patty Bath (*), Peter Papadatos, Philip Elliott, Philippe Robert, Pranav Nagarajan, Richard Spencer, Ritesh ?, Robert McGivern, Scott Meyers, Sebastien Reschenhofer, Todd Stempel, Tom Snider, Uzi Mindker, David Aharon,

(*): Audio problems or technical issues or not able to speak, introduction not heard.

3. Adoption of Agenda

Steve Cook presents agenda:

Day 1:
1.   Review of RTCA and EUROCAE Policies and Expectations
2.   Welcome, Introductions
3.   Review and Adoption of Agenda
4.   Approval of minutes of previous meeting/s and status of action items
        a.   SG-2 work product type
5.   Break
6.   Management general information
        a.   RTCA/EUROCAE copyright policy and impact on documents
7.   Review of WG-117/SC-240 Work Plan, schedule, deliverables & task allocation
8.   SG-1 status
9.   Adjourn

Day 2:
10.   Welcome back
11.   SG-2 Status
12.   Break
13.   Review of Actions
14.   Date of Next Meeting/s
15.   Any other business
16.   Adjourn

4. Review of minutes of previous meeting/s and status of action Items

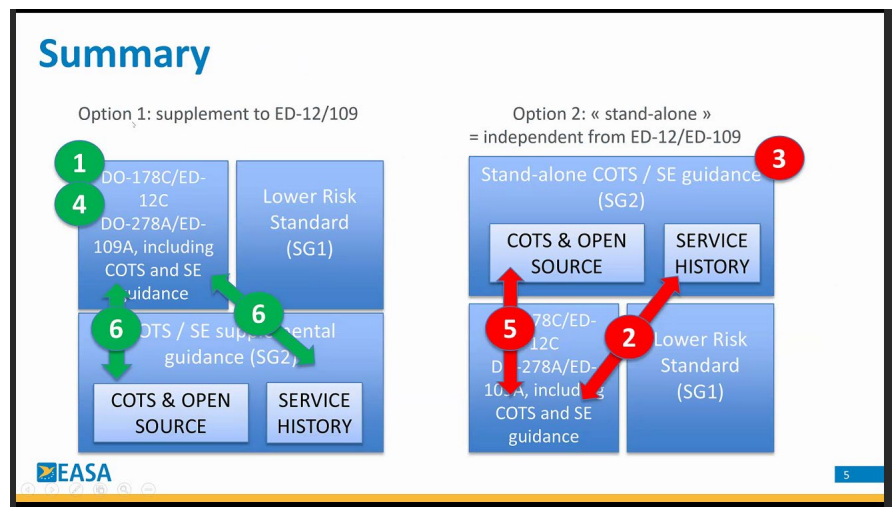Andy presents minutes from previous meeting

Any Questions ? No
Motion to approve minutes: by Keith DARWIN, seconded by Pranav NAGARAJAN
Any opposes to these minutes ? No, Minutes are approved.

5. SG-2 work product type

Guillaume Soudain presents an update to previous presention: perspective on SG-2 deliverable

3rd option to explore:
- A companion document (e.g. DO-248C) would not solve issues of stand-alone document.
- Recommendation to use supplement format.

Decision to adopt a supplement format for SG-2 deliverable:

Some concerns raised on impacts on existing guidelines and management of existing IP. EASA explains that a supplement can still be compatible with existing guidelines, and not much text can be reused from existing.

It is mentionned that pointers to core documents can be provided, but original content cannot be reworked.

Leadership team is collecting requests of any portions of text that subgroups would need to include or modify.

Break until 10:15 EST / 16:15 CEST

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6. Management team general information

Steeve Cook presents Guidance received from RTCA and EUROCAE

https://www.rtca.org/wp-content/uploads/2020/07/proprietary_policy_-_2019.pdf

Initial work expected: integrate existing DO objectives and amend them is not compatible with existing policy.

Recommendations:

- Lower Risk concept should be clear for authorities
- Techical content is virtal, "packaging" is flexible.
- "New process" is more important that strict compatibility with the DO-178/278 suite of documents.
- Document quality and relevance more important than meeting time line
- Views of new entrants need to be represented in the group

Questions: is this document an "Assurance" document, do we have titles ? We should be dealing with objectives more than processes. We need new Assurance Processes.

Questions: provide details on 3 bullet : New process, because TOR insisted on consistency.

TOR focused on a new process, to overcome difficulty of new entrants to apply existing guidelines. There is always a balance between more assurance and leverage difficulties to implement lower risk applications.

Comment on consistency : a common glossary is existing, important that we reuse existing terminology not introducing new one. Avoid reinventing existing termes, definitions & concepts. If we need a new word or definition, provide a clear rationale.

7. SG-1 Status.

Slides Presented by Ross Hannan.

First slide : discussion on document structure and content, since RTCA/EUROCAE did not accept DO-178C/ED-12C as a baseline to be changed.

SG-1 Status

- SG-1 requested to RTCA and EUROCAE to use DO-178C/ED-12C as the baseline to be changed has been refused based on RTCA/EUROCAE IP protection policy

- Clean sheet of paper – no time extension

- The plan is to create a new document using the EUROCAE template

- The new document will largely follow the structure of the existing documents, but the content will be all new

Second slide: refresh old sections (e.g. configuration management), document will still be based on objectives (probably)

SG-1 Moving Forward

- We still need requirements, design, implementation, verification etc.

- There is a good opportunity to refresh the parts that are showing their age (Software Configuration Management is a good example)

- The document will most probably still be Objectives based

- We need to agree the basic framework as a priority – and this will be the focus of our next meeting

Third slide: No schedule at the moment, but document will surely take longer time: it will be a new document.

No Questions.

Comment on status: misunderstandings on workspace have been solved: important to properly use media. EUROCAE advised that they an attend meetings to help with using websites.

Leaderhsip team requests a schedule
SG-1 : in about 2~3 weeks.

Comment on terminology: it is important to establish a good document. In SG-1, so far, no need to change existing terms.

Steve Cook final words:
    Meeting closed.

<div align="center">

End of Day 1, 10:53 EDT / 16:53 CEST

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MINUTES, DAY 2

1. Welcome – 0900 EDT / 1500 CEST

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2. SG-2 Status

Slides presentd by Mark Lilis

Break until 10:15 EST / 16:15 CEST

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3. Review of Actions

One action from DAY1
One action on Day2 : Burak & Pranav.

Refer to action table below.

4. Date of next meetings

Slido poll showed the same timeframe (choice #1) is requested for next meeting : 2-3-4 of february

5. Any Other Businesses

No other Business raised from participants

6. Adjourn

Closing comments

Burak highlights impacts of IP policies on deliverables content and reusability of existing material. Burak thanks presenters and discussions supported by presenters.

Burak thanks to the whole group and participants and for the work achieved, and thanks to SGs leaders and managements team.

Remarks from EASA: Need a clear concept for SG-1 deliverable
Remarks from FAA: supports EASA comment. For SG-2, need agreement on what is COTS, OSS, Soup and deliverable applicability.

Steve Cook : Thank all participants. Reminder that EUROCAE has offered help to use tools on EUROCAE side.

Steve Cook adjourned the meeting

End of Day 4, 11:59 EDT / 17:59 CEST

End of meeting

Action items

The meeting reviewed the action list and updated the following list:

No actions have been decided during the meeting.

Number	Action	Responsible	Due By	Status
1	Send intra-call edits of minutes to Rebecca	*Fabrice FERRAND*	July 21st, 2020	Completed
2	Reschedule Abstraction Layer Task Force update to thursday	*Andy COOK*	July 23rd, 2020	Completed
3	Look more what compatibility with DO-178/278 means and what is the guidance to reconcile guidances	*Andy Cook Burak Ata*	End August 2020	On Going.
4	Ensure that if we have to replace DO 178 or not	*Nick Tudor*	Next meeting	On Going.
5	Post approved minutes with editorial changes to workspace	*Andy Hoag*	Next meeting	Completed
6	SG-2 deliverable – Supplement, Stand-alone, Companion option 3 investigation for next plenary (or propose #1)	*Guillaume Soudain*	Next meeting	Completed
7	SG-1 – To provide schedule on SG1 activities	*Ross Hannan*	2 ~3 weeks after meeting	On going.
8	Burak & Pranav to link with other working groups	*Burak ATA Pranav NAGARAJAN*	Next meeting	On going.

ATTACHMENT A

WG-117/SC-240 Meeting 4 – day 1 attendance

Due to the specific format of the meeting (online WebEx), attendance cannot be signed by each participant.

Surname	Firstname	Organization
ADAMS	Theresa	Pratt & Whitney
AHARON	David	A. D. Ventures
ANGERMAYER	John	The MITRE Corporation
ATA	Burak	Volocopter
AUZARY	Odile	SAFRAN
BATH	Patty	AVISTA, Inc
BLANKENBERGER	Martha	Rolls-Royce PLC
BOURDEAU	Julien	Aviadal
CASTERET	Jérôme	CS Inc.
CHELINI	Jim	VEROCEL, Inc.
CHENU	Emmanuel	Thales Group
CONNER	Blake	Collins Aerospace
COOK	Stephen	Northrop Grumman Corporation
DANIELS	Dewi	Software Satefy
DARWIN	Keith	Garmin Ltd.
DIEBOLD	Mitchell	Garmin Ltd.
DÖRHÖFER	Christoph	Amazilia Aerospace
ELLIOTT	Philip	Rolls-Royce
FABRE	Louis	Airbus Helicopters
FEGHHI	Jamal	Boeing
FERRAND	Fabrice	Safran
FISH	Johannes	LH Systems
FREESE	Dietmar	EASA
GHIMIRE	Ritesh	Federal Aviation Administration (FAA)
HAHN	Ed	Air Line Pilots Association (ALPA)
HANNAN	Ross	Sigma Associates (Aerospace)
HEUDE	Pascal	Airbus
HOAG	Andrew	Aireon, LLC
HOLMAN	Jeremy	Garmin Ltd.
LILLIS	Mark	Triumph Engine Control Systems
LINGBERG	Barbara	Federal Aviation Administration (FAA)
MCGIVERN	Robert	Beca Applied Technologies
MELIA	Gabriele	EASA
MELLES	Amanda	Mannarino Systems & Software, Inc.
MEYERS	Scott	Collins Aerospace
MINDKER	Uzi	IAI
MOMBERG	Martin	Airbus
MORRISON	Rebecca	RTCA, Inc.
NAGARAJAN	Pranav	University of Munich
PALMA	Diego	Agência Nacional de Aviação Civil (ANAC-Brazil)
PAPADATOS	Pater	Honeywell International, Inc.
RAI	Malkit	General Atomics Aeronautical Systems, Inc.
REEVE	Tammy	Patmos Engineering
RESCHENHOFER	Sebastian	EUROCAE
RESNICK	Boris	GLONASS Union (EUROCAE)
ROBERT	Philippe	PMV Engineering
ROMANSKI	George	Federal Aviation Administration (FAA)
ROMINE	Nate	GE Aviation
SAKUGAWA	Benedito	Agência Nacional de Aviação Civil (ANAC-Brazil)

SADEGHI	Atabak	Lilium GmbH
SCARROTT	Nik	GE Aviation Systems UK
SERROT	Patrick	Thales Group
SIARD	Ales	AES Aerospace Embedded Solutions GmbH
SNIDER	Tom	Honeywell International, Inc.
SOUDAIN	Guillaume	EASA
SPENCER	Richard	Federal Aviation Administration (FAA)
STEMPEL	Todd	ENSCO, Inc.
TKAC	Matthew	CS Group France
TUDOR	Nick	Tudor Associates Ltd
VAN DE SLUIS	Edwin	NLR
VUKAS	Mike	Federal Aviation Administration (FAA)
WADDLE	John	Astronautics Corporation of America

ATTACHMENT B

WG-117/SC-240 Meeting 4 – day 2 attendance

Due to the specific format of the meeting (online WebEx), attendance cannot be signed by each participant.

Surname	Firstname	Organization
ANGERMAYER	John	The MITRE Corporation
ATA	Burak	Volocopter
AUZARY	Odile	SAFRAN
BATH	Patty	AVISTA, Inc
BEECHER	Scott	Pratt & Whitney
BENNETT	Mike	Rolls-Royce
BLANKENBERGER	Martha	Rolls-Royce PLC
BOURDEAU	Julien	Aviadal
CASTERET	Jérôme	CS Inc.
CHELINI	Jim	VEROCEL, Inc.
CHENU	Emmanuel	Thales Group
CONNER	Blake	Collins Aerospace
COOK	Stephen	Northrop Grumman Corporation
CUCURON	Christophe	Airbus
DARWIN	Keith	Garmin Ltd.
DIEBOLD	Mitchell	Garmin Ltd.
DÖRHÖFER	Christoph	Amazilia Aerospace
DURAK	Umut	DLR
DUTLE	Aaron	NASA
DYKES	Matthew	Textron
ELLIOTT	Philip	Rolls-Royce
FABRE	Louis	Airbus Helicopters
FERRAND	Fabrice	Safran
FERREL	Tom	Federal Aviation Administration (FAA)
FREESE	Dietmar	EASA
GHIMIRE	Ritesh	Federal Aviation Administration (FAA)
HAHN	Ed	Air Line Pilots Association (ALPA)
HANNAN	Ross	Sigma Associates (Aerospace)
HARUKA	Nakao	JAMSS
HEUDE	Pascal	Airbus
HOAG	Andrew	Aireon, LLC
HOLMAN	Jeremy	Garmin Ltd.
LILLIS	Mark	Triumph Engine Control Systems
LINGBERG	Barbara	Federal Aviation Administration (FAA)
MCGIVERN	Robert	Beca Applied Technologies
MELIA	Gabriele	EASA
MELLES	Amanda	Mannarino Systems & Software, Inc.
MEYERS	Scott	Collins Aerospace
MINDKER	Uzi	IAI
MOMBERG	Martin	Airbus
MORRISON	Rebecca	RTCA, Inc.
NAGARAJAN	Pranav	University of Munich
PALMA	Diego	Agência Nacional de Aviação Civil (ANAC-Brazil)
PAPADATOS	Pater	Honeywell International, Inc.
PETERS	Kelly	Piper Aircraft
RAI	Malkit	General Atomics Aeronautical Systems, Inc.
REEVE	Tammy	Patmos Engineering
RESCHENHOFER	Sebastian	EUROCAE

ROBERT	Philippe	PMV Engineering
ROMANSKI	George	Federal Aviation Administration (FAA)
ROMINE	Nate	GE Aviation
SAKUGAWA	Benedito	Agência Nacional de Aviação Civil (ANAC-Brazil)
SADEGHI	Atabak	Lilium GmbH
SCARROTT	Nik	GE Aviation Systems UK
SERROT	Patrick	Thales Group
SIARD	Ales	AES Aerospace Embedded Solutions GmbH
SNIDER	Tom	Honeywell International, Inc.
SOUDAIN	Guillaume	EASA
SPENCER	Richard	Federal Aviation Administration (FAA)
STEMPEL	Todd	ENSCO, Inc.
TKAC	Matthew	CS Group France
VAN DE SLUIS	Edwin	NLR
VUKAS	Mike	Federal Aviation Administration (FAA)
WADDLE	John	Astronautics Corporation of America
WATSON	Phil	Panasonie Aerospace

November 17, 2020   3:07 PM   from Burak Ata to everyone: Hi everyone, I had a dentist appointment yesterday; an appointment supposed to be an ordinary check turned into a small operation. Long story short, it's a little bit uncomfortable (!) for me to talk today. Steve was kind enough to help me on that, so he will moderate today's meeting, and I will stay silent most of the time.

November 17, 2020   3:08 PM   from Rebecca Morrison to everyone: The number is #76555

https://app.sli.do/event/pjdj95n0

November 17, 2020   3:08 PM   from Rebecca Morrison to everyone: sli.do with code

November 17, 2020   3:14 PM   from Patty Bath - AVISTA Inc to everyone: I am finsihing up a conflicting meeting so will not be able to do introductions. I am a consulting DER as well as principal engineer from AVISTA which specializes in safety-critical consulting (Systems, HW and SW), Also co-chair of FAS. I trying to participate in both SGs, but primary focus is SG2.

November 17, 2020   3:20 PM   from John Angermayer to everyone: Lost my connection. Back now

November 17, 2020   3:25 PM   from Patrick Serrot to everyone: HI Burak , I'm good thank you. Hope you're well. too

November 17, 2020   3:26 PM   from John Angermayer to everyone: John angermayer, Mitre, McLean Virginia

November 17, 2020   3:44 PM   from Andy Hoag to everyone: was that Keith D who made the motion to approve and Pranav that seconded?

November 17, 2020   3:44 PM   from Todd Stempel to everyone: @Andy: correct

November 17, 2020   3:48 PM   from Barbara Lingberg to everyone: Good summary, Guillaume.

November 17, 2020   3:50 PM   from Philippe Robert to everyone: Copying ED-12C text in the supplements was just a convenience. It is possible to identify what is modified and what is added;

November 17, 2020   3:56 PM   from George Romanski to everyone: If a supplement removes, adds, or modifies core text, then you cannot produce a supplement without using core text as a starting point. Tammy is right!

November 17, 2020   3:57 PM   from Rebecca Morrison to everyone: The leadership of the committee (Burak and Steve) are welcome to request any portions of text you wish to include or modify

November 17, 2020   3:57 PM   from Rebecca Morrison to everyone: References can be done without request

November 17, 2020   3:58 PM   from Rebecca Morrison to everyone: the entire document will not be provided

November 17, 2020   4:00 PM   from Steve Cook to everyone: We will resume at 15 past the hour

November 17, 2020   4:00 PM   from Guillaume Soudain to everyone: @Barbara: thank you for your message and involement in this important discussion.

November 17, 2020   4:02 PM   from Guillaume Soudain to everyone: @George: it depends how much we want to override from the core documents, and I understand that EUROCAE and RTCA will support the necessary copy rights.

November 17, 2020   4:04 PM   from Ross Hannan to everyone: FRom the perspective of SG-1 we have moved on from that position George and are working on the clean sheet of paper approach - if we need specific sections we will request them.

November 17, 2020   4:24 PM   from John Angermayer to everyone: Is this document an "Assurance " document

November 17, 2020   4:37 PM   from John Angermayer to everyone: Note. DO-178B did align somewhat with IEEE glossary for software. Not completely

November 17, 2020   4:38 PM   from Tammy Reeve to everyone: Yes I agree and we should use ieee as much as possible.   We missed it with verification and validation however in do178c

November 17, 2020   4:53 PM   from Christoph Dörhöfer to everyone: Bye

November 18, 2020   3:02 PM   from Sebastian Reschenhofer to everyone: Slido: https://app.sli.do/event/pjdj95n0

November 18, 2020   3:02 PM   from Sebastian Reschenhofer to everyone: or sli.do #76555

November 18, 2020   3:04 PM   from Burak Ata to everyone: Can you hear me?

November 18, 2020   3:04 PM   from Philip Elliott to everyone: No from me

November 18, 2020   3:04 PM   from Sebastian Reschenhofer to everyone: no

November 18, 2020   3:04 PM   from Burak Ata to everyone: I will rejoin in a minute

November 18, 2020   3:23 PM   from Todd Stempel to everyone: an Information Paper was drafted related to UAS Use Cases in order to pilot the Information Paper process... Christian Decker and I have initiated this Information Paper. purely draft inforamation.

November 18, 2020   3:24 PM   from Todd Stempel to everyone: The goal of this IP was to provide a focal point for the UAS Use Case 'data' and information.

November 18, 2020   3:26 PM   from fabrice ferrand to everyone: Safran has also made a presentation of COTS&OSS Use cases for drone certification

November 18, 2020   3:30 PM   from Philippe Robert to everyone: To be precise, the reference should be to AMC 20-152A. There is no AMC 20-152 but there is an AC 20-152, which is different.

November 18, 2020   3:35 PM   from Tom Ferrell to everyone: I think # 6 should be

referencing safety argument NOT safety agreement.

November 18, 2020   3:35 PM   from Ritesh to everyone: Agree with Tom's above point.

November 18, 2020   3:35 PM   from John Angermayer to everyone: OS Is overloaded. Also note the C restricted off the selve

November 18, 2020   3:37 PM   from John Angermayer to everyone: You need to reword number 4.

November 18, 2020   3:38 PM   from Tammy Reeve to everyone: Agree with Tom

November 18, 2020   3:38 PM   from George Romanski to everyone: We do not use sttistics for service history because software faults do not have a known distribution. The overarching properties helps us explain the argument.

November 18, 2020   3:38 PM   from Burak Ata (privately):   Do we have questions on Slido?

November 18, 2020   3:39 PM   from Todd Stempel to everyone: There is also a request on slido to clarify / discuss #4.

November 18, 2020   3:39 PM   from Tammy Reeve to everyone: Bring Overarching properties into this is a stretch

November 18, 2020   3:41 PM   from Tammy Reeve to everyone: My experience with service history arguments for software and hardware is in conflict with George's statement in this chat .

November 18, 2020   3:42 PM   from Tammy Reeve to everyone: FAA have always asked for and only approved service history with real numbers .. real statistics

November 18, 2020   3:42 PM   from Tom Ferrell to everyone: I agree with Tammy. I don't see how OPWG dirves any work products from this group. Rather, ti should be the other way around. The work products here could inform a safety argument.

November 18, 2020   3:42 PM   from John Waddle to everyone: Why would the origin of software (purchase vs internal R&D) matter in a service history argument?

November 18, 2020   3:43 PM   from fabrice ferrand to everyone: Because of the processes applied and compliant or not with DO. Some credits maybe taken from previous audits, not always possible with providers

November 18, 2020   3:43 PM   from Ritesh to everyone: Origin of s/w is a key factor as well.

November 18, 2020   3:44 PM   from Phil Watson to everyone: Please use OSS for Open Source Software. I see OS and think Operating Systems.

November 18, 2020   3:44 PM   from Tammy Reeve to everyone: I also don't see why if we can use the arguments for cots is soup why we would not allow this for other in housr

November 18, 2020   3:44 PM   from Tammy Reeve to everyone: Do254 allows this

November 18, 2020   3:45 PM   from Tammy Reeve to everyone: Prototyping is this

November 18, 2020 3:46 PM from Tammy Reeve to everyone: I agree with commenter is that Patrick?

November 18, 2020 3:46 PM from Phil Watson to everyone: If I publish my internal project to GitHub, can I call it OSS?

November 18, 2020 3:47 PM from fabrice ferrand to everyone: The license you use when publishing in Github will tell

November 18, 2020 3:47 PM from fabrice ferrand to everyone: Most of them make it OSS

November 18, 2020 3:47 PM from Ritesh to everyone: https://en.wikipedia.org/wiki/Open-source_software

November 18, 2020 3:48 PM from Ritesh to everyone: OSS definition above

November 18, 2020 3:48 PM from Todd Stempel to everyone: We have previously discussed the need to provide guidance that supports a 'blending' of guidance.

November 18, 2020 3:49 PM from Todd Stempel to everyone: Meaning Blending of SH with either Open Source or COTS SW.

November 18, 2020 3:50 PM from Patty Bath - AVISTA Inc to everyone: This supplement is not just applicable to LR, but also existing DO-178C and DO-278A.

November 18, 2020 3:52 PM from Tammy Reeve to everyone: Patty this scope for the supplements seems expanded ? In any case my comment still stands

November 18, 2020 3:53 PM from Steve Cook to everyone:We will resume at 15 minutes past the hour

November 18, 2020 3:54 PM from Burak Ata to everyone: We will start the second part of the meeting at 16:15 CET

November 18, 2020 4:01 PM from Patty Bath - AVISTA Inc to everyone: @Tammy: if we do expand the scope, we will have to have to go to the PMC and TAC. Not arguing for or against that but if we go beyond COTS and OSS, we have gone beyond our TOR. Second point is if do expand the scope, we have to make sure we have appropriate broundaries in place for its usage. I don't think we want an open gate for simply not wanting to meet 178/278 which would occur if no bouranries are in place.

November 18, 2020 4:02 PM from Burak Ata to everyone: I added three options for starting times of next Plenary to slido. Could you please vote the best option that works for you?

November 18, 2020 4:02 PM from Todd Stempel to everyone: https://app.sli.do/event/pjdj95n0/live/polls

November 18, 2020 4:03 PM from Sebastian Reschenhofer to everyone: ont top of the slido page you can switch from Q&A to Polls - there is already an active poll about the times

November 18, 2020 4:05 PM from Burak Ata to everyone: Thanks Sebastian for the guidance, please use the Polls tab as Sebastian suggested.

November 18, 2020 4:16 PM to Burak Ata (privately): Hi Burak, Rebecca and I are at a RTCA/EUROCAE coordination meeting, i have no audio, so please send a chat in case you need me/us

November 18, 2020   4:27 PM   from Tammy Reeve to everyone: Please make sure the chat window is capture in the minutes of these meetings

November 18, 2020   4:28 PM   from John Waddle to everyone: thank you

November 18, 2020   4:29 PM   from Tammy Reeve to everyone: Bye 👋

1.   Records and control of the document

Revision	Description of changes	Author	Location	Comments
1.0	Initial version	Andrew Hoag Fabrice Ferrand		