



**THE THIRTY-FIFTH MEETING OF THE
INFORMAL SOUTH PACIFIC ATS CO-ORDINATING
GROUP (ISPACG/35)**
(Virtual, 28 July 2021)

Presented by: Federal Aviation Administration

Updates from Operational Data Link Working Group (OPDLWG)



**Federal Aviation
Administration**

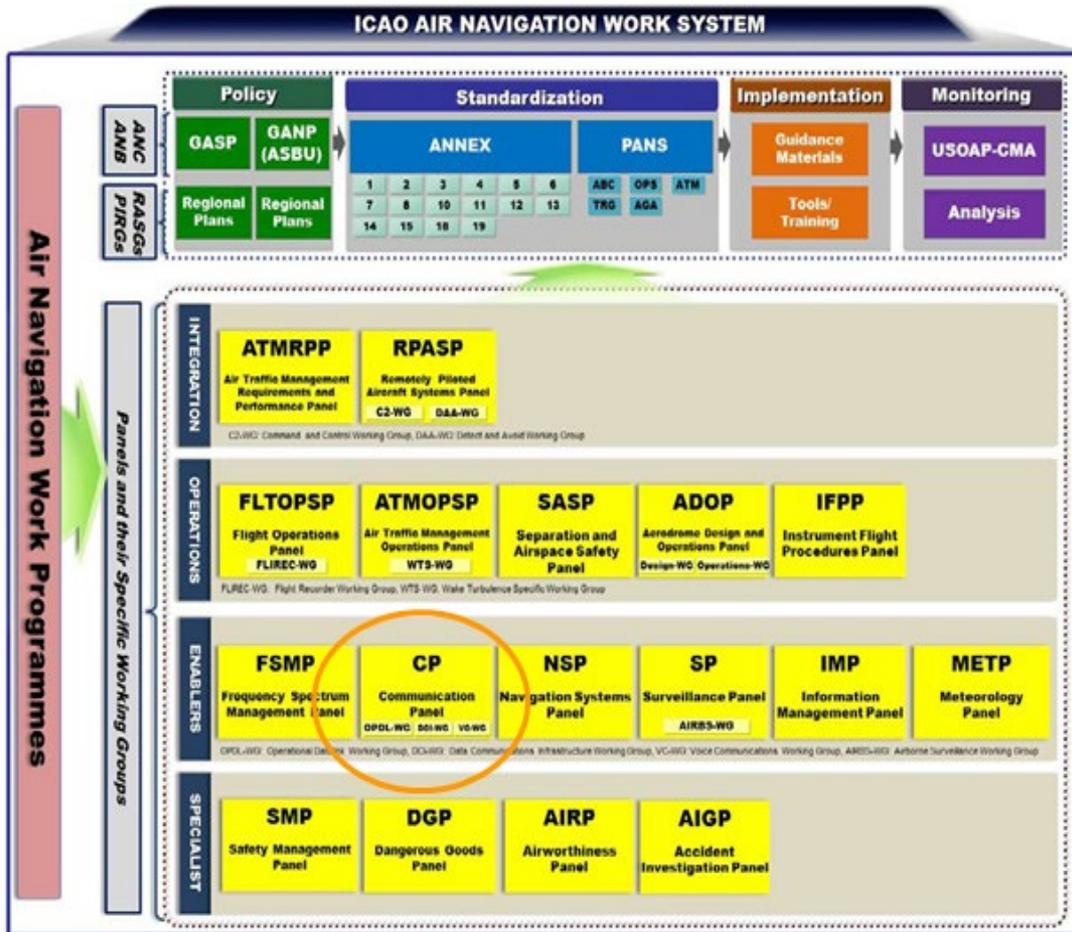


Overview

- **OPDLWG background**
- **Job card updates**
 - 4 active job cards
- **2nd OPDLWG Joint Project Team (JPT) Meeting**
 - Meeting details
 - Actions
- **Future meetings and deliverables**



Communication Panel (CP)



- Undertakes specific studies and develops technical and operational ICAO provisions for ATM voice and data communications systems, supporting procedures and their applications
- CP subgroups:
 - **OPDLWG** (Operational Data link Working Group)
 - **DCIWG** (Data Communications Infrastructure Working Group)

The Operational Data Link Specific Working Group (formerly known as OPLINKP)

- Aims to advance the use and performance of datalink and satellite voice technologies, addressing all operational aspects of ATS that use these technologies for communications, whether between aircraft and the ground or multiple ground facilities
- Newly established **Joint Project Team (JPT)** meetings are same as a working group meeting or working group of the whole meeting of other Panels, whereas a full OPDLWG is like a Panel meeting
- Similar to a Panel meeting, a full OPDLWG meeting (not JPT) is expected to have
 - report of the meeting formally reviewed by the ANC
 - something that requires action by the ANC (i.e. approval of new or revised job cards or proposed amendments to Annexes, PANS or Manuals)



Job Card 001: Provisions related to ADS-C/CPDLC/DLIC

- **ICAO Doc 10037, GOLD Manual, 2nd edition in process for publication**
- **Proposals for consequential amendments to align with updated GOLD manual being coordinated by PT leader, Mr. Bjarni Stefansson - Iceland**
 - Annex 2, 11 – sent out for review **June 14**
 - Annex 6 (parts I, II, III), Annex 10 (volume II) – sent out for review **July 2**
- **Target date for proposed amendment to Annexes and PANS**
 - 2Q 2022 with proposed applicability in November 2024

Job Card 002: Performance-based communication and surveillance

PBCS PT sub-group	Description of work needed	Lead
PBCSPT-1	<ol style="list-style-type: none"> 1. Improve guidance on operational authorization 2. Improve guidance on the ATSP's safety assessment procedures and development of mitigation measures 	<ol style="list-style-type: none"> 1. Tomo Tsuruzono (IATA) / Mark Patterson (US) 2. No lead – action on member ATSPs to provide inputs based on existing or developing processes
PBCSPT-2	Improve guidance on means of compliance for CSP	Andrew Yang (SITA)
PBCSPT-3	Improve guidance on PBCS monitoring	Theresa Brewer (US) / David Isaac (Eurocontrol)
PBCSPT-4	Incorporate revisions to the safety requirements and availability allocations in DO-350A/ED-228A	Thomas Mustach (US) / Bjarni Stefánsson (Iceland)
PBCSPT-5	Incorporate RCP130 into PBCS Manual	Thomas Mustach (US)



Job Card 003: Develop guidance material for ground-ground data link

- Draft document title:
 - MANUAL ON ATS GROUND – GROUND DATA EXCHANGE IMPLEMENTATION AND OPERATIONS GUIDANCE
- PT lead, Andreas Krebber (Germany) sent out draft 0.91 to the Project Team members on **July 8** to review for approval to send to the OPDLWG members

Job Card 005: Develop long range voice communications implementation strategy

- **Reorganization meeting held July 6**
 - Proposal to change the SATVOICE PT to a more comprehensive VOICE PT with Lisa Bee (Inmarsat) as the lead
- **Agreed actions**
 - Develop working paper proposal for Voice PT scope and plan of work for JPT/03
 - Clarify tasks and their importance for each Voice PT sub-group
 - Prepare briefing for Joint SASP/OPDLWG meeting concerning relationship of Voice PT work to PBCS, RCP240, alternate comm (Voice) technology, separation for oceanic/remote operations
 - Clarify tasking of separate Joint OPDLWG/DCIWG Team and how it relates to OPDLWG Voice PT
 - Seek a status of voice latency work from DCIWG
 - Shelley to develop working paper to summarize challenges encountered using separation standards enabled by space-based ADS-B because of the communication requirements



CP – OPDLWG JPT/02

- **Meeting held virtually 10-14 May 2021**
- **Plenary sessions along with sessions for each of four OPDLWG PTs**
 - Air-ground PT
 - PBCS PT
 - Ground-ground PT
 - SATVOICE PT

OPDLWG JPT/02 Actions (slide 1 of 3)

Ref.	Agenda	Action	Who	By
JPT02-01	3. G-G Data Link	Organize AIDC PT virtual meeting(s) and communicate meeting details	G-G Data Link PT Lead (Andreas)	ASAP
JPT02-02	3. G-G Data Link	Circulate an updated version of the document (v.10) for review and comments by OPDLWG	G-G Data Link PT Lead (Andreas)	30 Jun 2021
JPT02-03	3. G-G Data Link	Review, coordinate and provide comments	All OPDLWG members	30 Sep 2021
JPT02-04	4. PBCS	Provide an update on the result of SC/214-WG/78	Thomas Mustach and others (TBD)	JPT/03
JPT02-05	4. PBCS	Incorporate the proposed material in DP/07 into Appendices B and C of the draft 3rd Edition of the PBCS Manual	Thomas Mustach	30 Sep 2021
JPT02-06	4. PBCS	Submit comments on open items concerning the work on the PBCS ground safety requirements	Bjarni Stefánsson	TBD
JPT02-07	4. PBCS	Develop draft material for inclusion in the PBCS Manual concerning local safety assessment	Members/Advisors from Brazil, Canada, India, Singapore, US, China, Japan, Iceland and IFATCA	30 Jun 2021



OPDLWG JPT/02 Actions (slide 2 of 3)

Ref.	Agenda	Action	Who	By
JPT02-08	4. PBCS	Develop additional examples for review by the PBCS-PT 2 and potential inclusion in the PBCS Manual	PBCS PT/2 Leads	30 Jun 2021
JPT02-09	4. PBCS	Incorporate the proposed material contained in JPT/02-SoD Appendix F together with additional examples, subject to the action above, into the draft 3rd Edition of the PBCS Manual	PBCS Drafting Team	30 Jun 2021
JPT02-10	4. PBCS	Review the proposed changes to the definitions of RTCP and RSTP and arrange a meeting with DCIWG-PT-SAT	PBCST PT	31 May 2021
JPT02-11	4. PBCS	Provide comments on the draft PBCS Manual version 1.1	All OPDLWG Members	31 Jul 2021
JPT02-12	4. PBCS	Circulate an updated draft PBCS Manual incorporating all draft guidance developed by PBCS PT 1, 2, 3, 4 and 5	PBCS PT subgroup leaders	30 Sep 2021
JPT02-13	5. A-G Data Link	Provide an updated draft GOLD Manual incorporating the changes agreed by OPDLWGJPT/02 and any other identified editorial corrections	Bjarni Stefánsson	21 May 2021
JPT02-14	5. A-G Data Link	Process the GOLD Manual for review, coordination and approval for publication of the GOLD Manual as soon as possible	Secretary	TBD



OPDLWG JPT/02 Actions (slide 3 of 3)

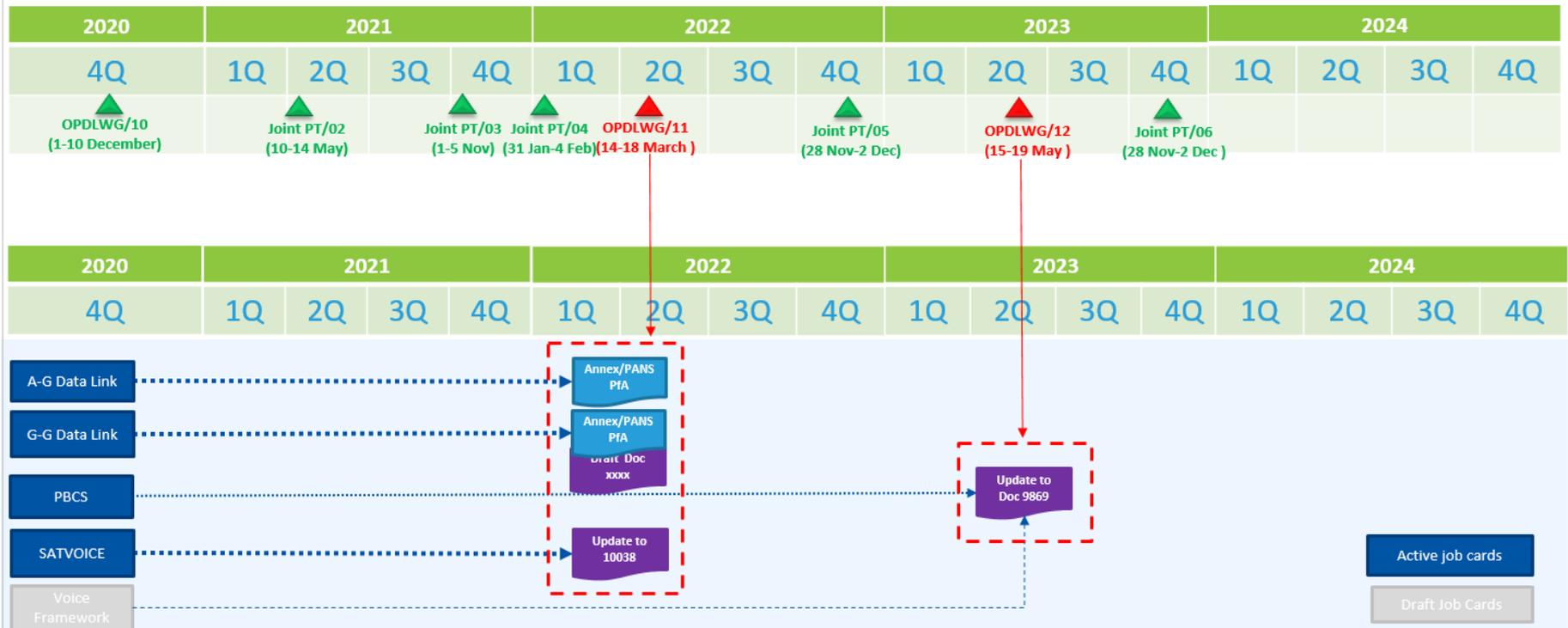
Ref.	Agenda	Action	Who	By
JPT02-15	6. Long range voice communications	Coordinate the draft job card with the other expert groups identified as supporting expert groups, and provide feedback to the ad-hoc drafting group	Secretary	TBD
JPT02-16	6. Long range voice communications	Review and address the feedback received from inter-panel coordination and present an updated job card for consideration by the ANC	Ad-hoc drafting group	JPT/03
JPT02-17	6. Long range voice communications	Review the listed ASBU elements and determine the applicability to the intent and scope of the work	Chair and Secretary	JPT/03
JPT02-18	6. Long range voice communications	Prepare proposed changes to OPDLWG Job Card 005 to reflect proposed work in OPDWLGJPT- DP/14	Lisa Bee	JPT/03
JPT02-19	7. Inter-panel coordination	Review the updated RPAS provisions and comment matrix contained in OPDLWG-JPT/2-DP/13, especially the OPDLWG comments and resolutions, and submit comments	All	15 Jun 2021
JPT02-20	7. Inter-panel coordination	Organize a meeting to prepare a coordinated view of OPDLWG on the updated RPAS provisions and comment matrix in OPDLWG-JPT/2-DP/13	Chair and Secretary	21 Jun 2021
JPT02-21	7. Inter-panel coordination	Organize a joint session with RPASP WGs working on C2 Link and OPDLWG	Chair and Secretary	TBD



Meeting schedules/ targets for work completion



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Questions?

