

Internet Protocol Suite (IPS) for Aeronautical Safety Services

To	IPS Subcommittee	Date	March 23, 2022
From	Greg Saccone, Boeing, co-chair Luc Emberger, Airbus, co-chair		
Subject	Hybrid Meeting Internet Protocol Suite (IPS) Subcommittee - Seattle In-person and Online		
When	April 26-28, 2022 Tuesday and Wednesday meeting from 0800 to 1600 PDT Thursday meeting from 0800 to 1400 PDT Online from 0800 to 1200 each day PDT		
Where	Meeting Location: Boeing Field 2-22 Building (enter 2-25 lobby) 775 E Marginal Way S Seattle, Washington 98108 Point of Contact: Greg Saccone – Boeing mobile: 1-425-246-6408 email: gregory.t.saccone@boeing.com		
Security	Plan to meet each day at 0745 in the main lobby of the 2-25 building. There is no reception in the 2-25 building; you will receive your badge at the 2-25 building lobby from a Boeing representative. Map and parking instructions are given below. Since there is no reception it is imperative that visitors provide information prior to arrival (otherwise they will need to go to a different location to receive their badge). Escorts will be required while in the facility.		
Hotels	There is a nice selection of hotels available near the Boeing meeting site. A list of hotels is attached to this announcement, which are in Renton near Southcenter. Hotels in Seattle can also be used (depending on the location and time of day, driving time to/from Seattle is approximately 15-30 minutes).		
Instructions	Please advise Greg of your plans to attend no later than April 12, 2022, by providing: <ul style="list-style-type: none">• Name• Organization/Title• Country of Citizenship		

The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Greg Saccone and Luc Emberger. The agenda will be finalized one week prior to the meeting.

COVID Notes Current COVID restrictions at Boeing have been relaxed somewhat, so indoor masking is not required but recommended. Vaccinations are not required for on-site access. The meeting venue was chosen to meet COVID restrictions at the time (i.e., space large enough to accommodate the meeting personnel with required social distancing). As the COVID situation is dynamic, it is planned to keep this venue in case any restrictions are re-instated.

Depending on the final group size and prevailing COVID restrictions closer to the meeting time, another location within the Boeing Field area may be selected.

Attendees will be notified of any changes in COVID requirements and/or venue prior to the meeting.

Activity Scope The IPS Subcommittee is leading the development of industry standards for the Internet Protocol Suite for aeronautical safety services. This includes airborne, ground-based and space-based communication systems. It is coordinating aviation Standards Development Organizations (SDOs), Air Navigation Service Providers (ANSPs), and others with an interest.

Meeting Objectives

IPS Subcommittee Meeting in Seattle

The purpose of this meeting is review inputs to **ARINC Specification 858: *Internet Protocol Suite (IPS) for Aeronautical Safety Services – Technical Requirements.***

Topics of discussion are as follows:

- ATN/IPS Standardization timelines with ICAO, RTCA, EUROCAE, etc.
- A858 Part 1 Supplement 1 draft material
 - Naming
 - Mobility and Multilink
 - Number of Session
 - ATNPKT Format
 - Security Event Logging
- A858 Part 1 action items in progress
 - ATN/IPS Functional Requirements
 - ACARS Address Resolution
 - Header Compression
 - Key Management
 - Airborne IPS System Security Policy
- Common Radio Interface
- A858 Part 2 Supplement 1 draft material
 - ACARS MAS for FANS over IPS
- A858 Part 2 action items in progress
 - IPS Gateway interface
 - Proxy Address

The goal is to develop **Supplement 1 to ARINC Specification 858: Internet Protocol Suite (IPS) for Aeronautical Safety Services. Part 1 and Part 2.**

SEATTLE – RENTON AREA HOTELS

<i>Hotel</i>	<i>Phone/FAX</i>
Courtyard Southcenter 400 Andover Park West Seattle, WA 98188 www.marriott.com/SEASC	206-575-2500 206-575-0129
Doubletree Guest Suites 16500 Southcenter Pkwy. Seattle, WA 98188 www.doubletree.com	206-575-8220 206-575-4743
Embassy Suites Hotel 15920 West Valley Hwy. Tukwila, WA 98188 www.seattletacoma.embassysuites.com	206-219-2148 425-227-9567
Hilton Garden Inn Seattle/Renton 1801 East Valley Road Renton, WA 98057 http://hiltongardeninn.hilton.com	425-430-1414 425-430-8577
Hampton Inn Tukwila 7200 So. 156th St. Tukwila, WA 98188 http://hamptoninn3.hilton.com/en/hotels/washington/hampton-inn-seattle-southcenter-SEASOHX/index.html	425-228-5800 425-228-6812
Homewood Suites 6955 Fort Dent Way Tukwila, WA 98188 http://homewoodsuites3.hilton.com/en/index.html	206-433-8000 206-433-0133
Larkspur Landing 1701 E. Valley Rd. Renton, WA 98055 www.larkspurlanding.com	425-235-1212 425-235-3616

