



To SAI Subcommittee **Date** July 12, 2018

From P. J. Prisaznuk
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tel: 1-410-212-0913 **Reference** 18-999/SMA-079

Subject **Meeting Announcement**
Systems Architecture and Interfaces (SAI) Subcommittee - London

Chairmen **Rich Stillwell, United Airlines**
Reinhard Andreae, Lufthansa

When **October 16-17, 2018**
Tuesday and Wednesday from 0900 to 1700
Note: The AEEC Mid-Term Session will be held October 18-19 at the same location. SAI Subcommittee participants are encouraged to attend. Refer to 18-099/AXX-215 for details.

Host Boeing is hosting the SAI Subcommittee meeting.

Where Meeting Location
Boeing UK
25 Victoria Street
London, United Kingdom SW1H OEX
tel: +44 (0) 20 340 1900
Information: <http://www.boeing.co.uk/>
A map of the local area is attached to this announcement.

Point of Contact:
Jessie Turner – Boeing
email: jessie.turner@boeing.com
tel: 1-425-234-9624 (office)
tel: 1-425-280-3130 (cell)

Security Boeing UK is a secure facility. All visitors must present a government-issued photo ID to the security desk at the time of entry. Arrive at the lobby 15 minutes prior to the meeting (0845) with a photo ID.

Hotels Boeing has provided a list of hotels near their offices, attached to this announcement.

Instructions The SAI Subcommittee meeting is open to all interested parties. Meeting attendees must register with ARINC Industry Activities before **Friday, September 28, 2018**. The ARINC registration list will be used for admission into the Boeing facility. It is important that you notify us of your plans to attend by registering online at: <https://www.aviation-ia.com/events>.

Individuals requesting time on the agenda should contact Paul Prisaznuk. The agenda will be finalized one week prior to the meeting.

Meeting Objectives

SAI Meeting in London

The Systems Architecture and Interfaces (SAI) Subcommittee will prepare avionics system-level guidance for new airplanes and major retrofit programs. It will discuss NextGen and SESAR programs and the impact on Communication, Navigation, and Surveillance (CNS) equipment.

NextGen and SESAR Equipage

The SAI Subcommittee will continue its discussion of avionics equipment and data comm services necessary for NextGen and SESAR programs

ARINC Report 660B: CNS/ATM Avionics Architectures Supporting NextGen/SESAR Concepts refers to several ARINC Standards that may be impacted by emerging airspace requirements. Future work will be discussed.

Global Aircraft Tracking

A summary of Autonomous Distress Tracking (ADT) and Timely Recovery of Flight Data (TRFD) activities will be reported.

Integrated Radio Architectures for CNS/ATM

The SAI Subcommittee will initiate discussions leading to a future radio systems architecture framework. Topics include the following:

- Classification of radio architectures, including new distributed radio architecture options
- Identification of the best architecture options for each Communication, Navigation and Surveillance radio
- Possible combination and integration of CNS radio components
- Constraints for RF Front Ends installation and identification of Fit/Forms solutions
- Requirements for the digital interfaces to RF equipment
- Requirements for avionics interfaces for the radio systems, both voice and data
- Characterization of radio computing platforms
- Potential opportunities for common services for the radios
- Data security requirements, and approaches for isolation of the aircraft systems from attacks through RF interfaces
- Safety considerations on the architectures
- Certification considerations
- Transition approaches for the deployment of new products, including current aircraft programs

APIMs

Proposals to Initiate/Modify ARINC Standards

The SAI Subcommittee is expected to review several draft APIMs leading to the development of new ARINC Standards. Proponents are invited to present their APIM in person.

- Cabin Equipment Solutions
- Data Communications Standard
- Data Networks and Security
- Other APIM proposals

Travel Information

From Heathrow (LHR) Airport to Central London

Heathrow Express is the fastest link between Heathrow and central London. Non-stop trains run to Paddington Station every 15 minutes. Cost is £25 (\$33). The journey time is 15 to 20 minutes.

The London Underground Tube is another option to get to London. Use the Piccadilly Line from all airport terminals, the journey time is 50 to 60 minutes.

Taxi service from LHR Terminal 5 to central London can be £60 (\$78).

From Gatwick (LGW) Airport to Central London

The Gatwick Express non-stop train service to Victoria runs every 15 minutes with a journey time of 30 minutes. Cost is £20 (\$26).

Taxi service from LGW and central London can be £60 (\$78).

The Boeing office is near underground stations St. James Park and Westminster Station using the Circle & District lines. Both stations are within a 6-minute walk to the Boeing office. Attached is a walking map from the St. James Park Underground Station to Boeing UK.

Attachment 1

CENTRAL LONDON HOTEL SUGGESTIONS

Search Results: London, 25 Victoria Street, UNITED KINGDOM, SW1H 0EX
Sorted by brand and distance to Boeing UK

Holiday Inn Express: London - Victoria

Holiday Inn Express® London Victoria hotel offers a convenient base in Central London, with inclusive WiFi throughout and complimentary breakfast.

106-110 Belgrave Road, London, SW1V 2BJ, United Kingdom

800 439 4745 (Reservations) 44-20-76308888 (Front Desk)

0.89 mi (1.43 km) from destination

Rooms from \$275

Staybridge Suites: London – Vauxhall

South of the Thames in central London, Staybridge Suites® London - Vauxhall hotel has 93 contemporary suites with kitchens and free WiFi.

100 Vauxhall Walk, London, SE11 5EL, United Kingdom

800 439 4745 (Reservations) 44-203-0961555 (Front Desk)

1.23 mi (1.98 km) from destination

Rooms from \$263

Holiday Inn Express: London – Southwark

Holiday Inn Express® London – Southwark hotel is in the centre of London, giving access to sites like the South Bank and London Bridge in less than 15 minutes' walk.

103-109 Southwark Street, London, SE1 0JQ, United Kingdom

800 439 4745 (Reservations) 44-20-74012525 (Front Desk)

1.66 mi (2.68 km) from destination

Rooms from \$305

Holiday Inn Express: London – Vauxhall Nine Elms

Holiday Inn Express® London – Vauxhall Nine Elms hotel offers smart rooms in central London with free WiFi and breakfast included. It's just south of the Thames.

87 South Lambeth Road, London, SW8 1RN, United Kingdom

800 439 4745 (Reservations) 44-207-7359494 (Front Desk)

1.74 mi (2.80 km) from destination

Rooms from \$211

1-800-HILTONS

DoubleTree by Hilton Hotel London – Westminster

30 John Islip Street

0.4 miles from destination

£179 / \$250

Stylish hotel with complimentary WiFi. Within walking distance to Big Ben, Houses of Parliament, The London Eye and the River Thames.

Hilton London Trafalgar Hotel

2 Spring Gardens

0.7 miles from destination

£235 / \$329

Boutique-style hotel by Trafalgar Square. Minutes from the theatre district, Covent Garden, St James's Park, Buckingham Palace and Big Ben.

Hampton by Hilton London Waterloo

157 Waterloo Street

1.1 mile from destination

£179 / \$250

A perfect location for business and leisure including the London Eye. The hotel offers complimentary WIFI and breakfast

Doubletree by Hilton London – West End

92 Southampton Row

1.6 miles from destination

£169 / \$236

Stylish West End hotel with complimentary WiFi. Close to Holborn Station and walking distance to the British Museum, Covent Garden and Oxford Street.

DoubleTree by Hilton Hotel London – Hyde Park Hotel

150 Bayswater Road

2.64 miles from destination

£189 / \$264

Superbly located with easy access to central London, Hyde Park and upmarket Notting Hill, this hotel has all you need for a great visit to London.

London Marriott Marble Arch

£219 / \$306

134 George Street London

1.8 miles from destination

Attachment 2

BOEING UNITED KINGDOM LIMITED
25 VICTORIA STREET, LONDON, SW1H 0EX
TEL: +44 (0) 20 340 1900 FAX: +44 (0) 20 7340 1901



Travelling to Boeing London:

By Air:

- From Heathrow Airport take the Heathrow Express train to London (Paddington Station), the train runs every 15min for a 15min journey, (fare: £17). Then take a taxi or underground (District line to St. James's Park then 2 minute walk to the office)
- From Gatwick Airport take the Gatwick Express to London (Victoria Station), train runs every 15min for a 30min journey. Then take a taxi.

By Train:

- With Eurostar from Waterloo Station take a cab or underground (Jubilee line to Westminster).
- From Paddington station (arriving from Bristol for example) take a taxi or underground (District line to St. James's Park then a 2 minute walk to the office).
- From Victoria Station take a taxi.

Taxi journeys:

- Taxi would take from 7mins to 10min maximum (unless heavy traffic) from each of these train stations to the office.

By Underground/Tube

- Nearest underground stations are St James's Park or Westminster on the Circle & District lines. Both stations are within a 6 minute walk from the office.

Attachment 3

Walking Directions from St James Park Underground Station to Boeing UK LTD

25 VICTORIA STREET, LONDON, SW1H 0EX

Use the Broadway Exit from St James Park Underground Station

