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**To** SAI Subcommittee **Date** April 12, 2016

**From** P. J. Prisaznuk **Reference** 16-999/SMA-936A lth  
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tel: 1-443-254-0528

**Subject** **Revised – Meeting Announcement – Revised  
Systems Architecture and Interfaces (SAI) Subcommittee**

**Chairmen** Bob Semar, United Airlines | Reinhard Andreae, Lufthansa

**When** June 14-16, 2016  
Tuesday and Wednesday from 0900 to 1700  
Thursday from 0900 to 1300

**Host** Boeing UK is hosting the SAI Subcommittee meeting.

**Where** Meeting Location:  
BOEING UNITED KINGDOM  
25 Victoria Street, London, SW1H OEX, England  
tel: +44 (0) 20 340 1900  
A map of the local area is attached to this announcement.  
Point of Contact:  
Kathleen O'Brien – Boeing  
tel: 1-206-250-4910  
email: [kathleen.o'brien4@boeing.com](mailto:kathleen.o'brien4@boeing.com)

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

**Instructions** The ARINC registration list will be used for admission to the BOEING facilities. You must notify ARINC Industry Activities of your intention to attend by registering before **June 3, 2016** at: <http://www.aviation-ia.com/events/>  
The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Paul Prisaznuk. The agenda will be finalized one week prior to the meeting.

## Meeting Objectives

### SAI Subcommittee Meeting in London

The Systems Architecture and Interfaces (SAI) Subcommittee will prepare system-level guidance for equipment and services expected to be used in NextGen and SESAR environments. The venue will enable the SAI Subcommittee to hear presentations from subject matter experts within the European community.

### NextGen/SESAR Equipment and System Architectures

The SAI Subcommittee will continue its discussion of NextGen and SESAR programs and the expected impact on Communication, Navigation, and Surveillance (CNS) equipment.

**ARINC Report 660B:** *CNS/ATM Avionics Architectures Supporting NextGen/SESAR Concepts* refers to several ARINC Standards that may be impacted by emerging airspace requirements. Airbus is collecting inputs that will lead to an updated version of this standard. Future work will be discussed.

**ARINC Characteristic 702A:** *Advanced Flight Management Computer System* is being updated by the development of Supplement 5 to support NextGen and SESAR airspace initiatives. A status report will be provided.

### Emerging Air/Ground Networks

An Internet Protocol Suite (IPS) for Aeronautical Safety Services will be discussed in the context of emerging air/ground networks. These include:

- AeroMACS (766)
- Air/Ground Comm Systems (771, 781)
- Datalink Systems (618, 619, 622, 631, 841)
- Ku/Ka Band Satcom (791, 792, 848)
- Internet Protocol Suite Roadmap Document (658)

### Proposals to Initiate/Modify ARINC Standards

The SAI Subcommittee will review several APIMs that may lead to the development of new ARINC Standards. The SAI Subcommittee will consider the following:

- APIM 16-001 – Software Quality and Reliability
- APIM 16-xxx – Ground Systems Requirements for Managing and Distributing Software Parts
- APIM 16-xxx – ARINC 620 - Datalink Ground System Standard and Interface Definition
- APIM 16-xxx – ARINC 647A – Flight Recorder Electronic Documentation
- APIM 16-xxx – ARINC 653 Update – Application Software Standard Interface
- Other APIM proposals [TBD]

### Global Aircraft Tracking

The SAI Subcommittee will look at various technologies that contribute to positive aircraft tracking. This may include ground-based ADS-B, space-based ADS-B, datalink services and others. The goal is to propose solutions that can positively identify and track aircraft with minimal impact on aircraft production and retrofit.

## Standards Development and Subcommittee Reports

The SAI Subcommittee will review any standards development activities of interest to assure they are achieving the objectives of the airline community.

### **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 every 15 minutes, and journey time is 15 minutes from Terminals 2 and 3 (a few minutes more from Terminals 4 or 5).

The London Underground or Tube is the most cost-effective rail route to London. Piccadilly Line trains run from all terminals and journey time is 50–60 minutes.

Taxi service from LHR Terminal 5 and central London is approximately £50 or \$70.

#### 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.

Taxi service from LGW and central London is approximately £50 or \$70.

#### By Underground/Tube

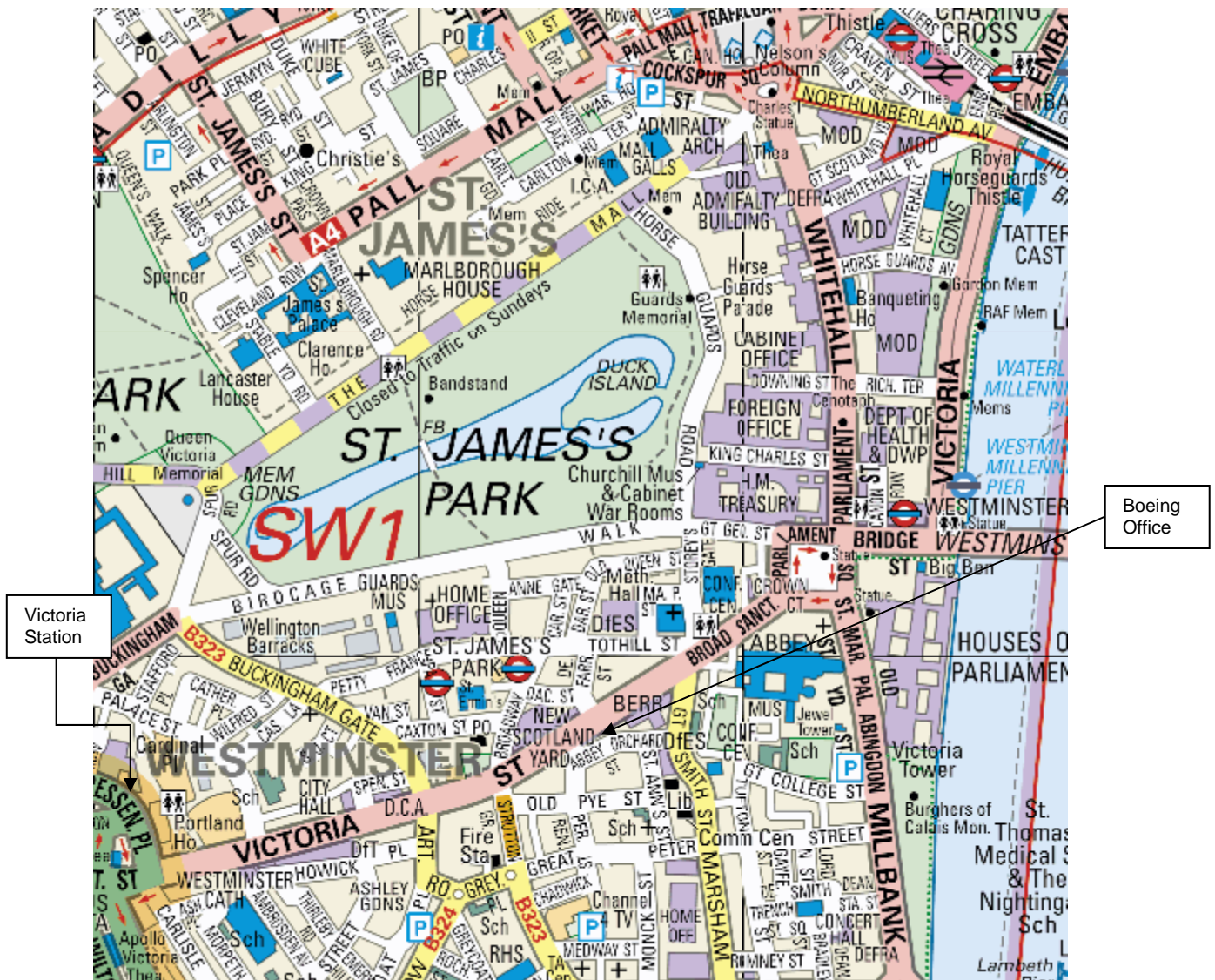
For The Boeing office, the nearest underground stations are St James Park or Westminster on the Circle & District lines. Both stations are within a 6-minute walk from the office. Attached is a walking map from the St. James Park Underground Station to Boeing UK.

### **cc**

AEEC Executive Committee, AGCS, DLK, FMS, IPS, KSAT

# Attachment 1

**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 2

## CENTRAL LONDON HOTEL SUGGESTIONS

### **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-minute 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 is 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

# CENTRAL LONDON HOTEL SUGGESTIONS

## 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**

134 George Street London

1.8 miles from destination

£219 / \$306



# Attachment 3

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

**THE BOEING COMPANY UK LTD**  
**25 Victoria Street, London, SW1H 0EX**

Use the Broadway Exit from St James Park Underground Station

