



To IPS Subcommittee **Date** March 19, 2019

From P. J. Prisaznuk
AEEC Executive Secretary
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tel: 1-443-254-0528 **Reference** 19-999/SMA-122 lth

Subject **Meeting Announcement**
Internet Protocol Suite (IPS) Subcommittee – ESTEC

Chairmen Greg Saccone, Boeing | Luc Emberger, Airbus

When **June 25-27, 2019**
Tuesday, Wednesday, and Thursday from 0900 to 1700
Participants should schedule their return travel for Friday

Where **European Space Research and Technology Centre – ESTEC**
Keplerlaan 1
2201 AZ Noordwijk
The Netherlands
website: https://www.esa.int/About_Us/ESTEC

Point of Contact:
Mr. Guray Acar
Guray.Acar@esa.int
tel: +31 715653041

Security ESTEC is a secure facility. Please provide your first name, surname, and company name to Guray Acar before **June 12, 2019**. You will need photo ID to enter ESTEC. Please arrive at the gate by 0830 for badging.

Hotels There is a nice selection of hotels near ESTEC to meet your budget and comfort needs. June is popular in The Netherlands. You are encouraged to make your sleeping room reservation immediately. See Attachment 1 to this announcement.

Instructions	<p>Please notify ARINC Industry Activities of your intention to attend by registering online at: http://www.aviation-ia.com/events/.</p> <p>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.</p>
Activity Scope	<p>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. This activity initiated by APIM 15-004A.</p>
Meeting Objectives	<p>IPS Subcommittee Meeting in Noordwijk</p> <p>The purpose of this meeting is to review inputs to ARINC Project Paper 858: <i>Internet Protocol Suite (IPS) for Aeronautical Safety Services – Technical Requirements.</i></p> <p>Topics of discussion are as follows:</p> <ul style="list-style-type: none"> • Coordination with Related ICAO, EUROCAE, and RTCA Activities • ATN/IPS Air and Ground System Considerations • IPS Gateway Interface • Mobility Considerations • Network Authentication and Data Security • ATN/IPS Message Structure • Airborne Architecture Alternatives • Airborne Implementation Options • Transition period during which ACARS, ATN/OSI, and IPS will co-exist • ATN/IPS Standardization timelines with ICAO, EUROCAE, RTCA, etc. <p>The goal is to reach consensus on the general content of ARINC Project Paper 858.</p> <p>A plan to develop Supplement 1 to ARINC Report 658: <i>Internet Protocol Suite (IPS) for Aeronautical Safety Services – Roadmap Document</i> will be discussed. Draft inputs to Supplement 1 will be discussed.</p>

Travel Information

Directions and Transportation

The ESTEC campus is located in Noordwijk approximately 50 miles (30 km) southwest of the Amsterdam Schiphol Airport (AMS). Transportation options are public transport, ESTEC shuttle, taxi, and rental car.

Public transportation is possible using a combination of train to Leiden and bus (or taxi) to Noordwijk.

ESTEC provides a shuttle service between AMS and ESTEC. Fare is 15 Euros each way. See https://www.esa.int/About_Us/ESTEC/Transport_to_and_from_ESTEC

There is shuttle bus to and from ESTEC from several hotels in Noordwijk. Fare is 5 Euros each way.

Taxi service to your hotel is the most direct option with the usual cost for this convenience.

Additional travel details are available at:

https://www.esa.int/About_Us/ESTEC/How_to_get_to_ESTEC

GENERAL AREA MAP



cc

AGCS, DLK, NIS, SAI

Attachment 1

Hotels in Noordwijk

	Hotel	Address	Telephone	Email
1	Hotel de Admiraal 3*	Quarles van Uffordstraat 81	+31(0)713612460	info@hoteladmiraal.nl
2	Heeren van Noortwyck 3*	Quarles van Uffordstraat 103	+31(0)713612723	info@heerenvannoortwyck.nl
3	Hotels van Oranje 5* Beach Hotel 4*	Koningin Wilhelmina Boulevard 20-31	+31(0)713676869	info@hotelsvanoranje.nl
4	Golden Tulip Noordwijk Beach 4*	Kon. Wilhelmina Boulevard 8	+31(0)713619205	info@goldentulipnoordwijkbeach.nl
5	Prominent inn Hotel 4*	Koningin Wilhelminaboulevard 4	+31(0)713612253	info@prominentinn.nl
6	Palace Hotel 4*	Pickeplein 8	+31(0)713653000	info@palacehotel.nl
7	Hotel Alexander 4*	Oude Zeeweg 63	+31(0)713618900	info@alexanderhotel.nl
8	Grand Hotel Huis ter Duin 5*	Koningin Astrid Boulevard 5	+31(0)713619220	info@huisterduin.com
9	Hotel Astoria 3*	Emmaweg 13	+31(0)713610014	info@hotelastoria.nl
10	Hotel Lekker 3*	Rembrandtweg 7	+31(0)713612781	info@lekkernoordwijk.nl
11	Hotel Zonne 3*	Rembrandtweg 17	+31(0)713619600	info@hotelzonne.nl
12	Hotel Royal 3*	Voorstraat 76	+31(0)713646512	http://www.hotelroyal.nl/hotelroyal.nl
13	Noordwijk Tourist Office	De Grent 8	+31(0)713619321	info@noordwijk.info

Please see the map on the next page for hotel locations. Hotels shaded in tan are on the ESTEC shuttle route. Other hotels on the map may be walkable from the shuttle route. Cost of shuttle 5 Euros.

