To	CDS Subcommittee	**Date**	November 21, 2019
From	Larry A. Hesterberg *larry.hesterberg@sae-itc.org* tel: +1-240-334-2586	**Reference**	18-999/SMA-104 lth

Subject **Meeting Announcement**
Cockpit Display Systems (CDS) Subcommittee

Co-Chairmen Chad Weldon, Rockwell Collins
Sofyan Su, Airbus

When January 21-25, 2019 from 0900 to 1700

Where **AEL Sistemas**
Avenida Sertório, 4400
Jardim Floresta, Porto Alegre/RS
91040-620
Brazil
https://ael.com.br/

Point of contact:

Ana Cláudia de Almeida Bordignon
Tel: +55 51 4076 3566 (Office)
Email: *abordignon@ael.com.br*

Meeting attendees must RSVP to Ana Cláudia de Almeida Bordignon at the above email address before **January 14, 2019**, with their full name, passport number, company name, and if they are renting a car (to allow for a parking spot) for security and meeting logistics purposes.

A map to both AEL Sistemas and local hotels available in Porto Alegre is in Attachment 1. A list of hotels, room prices (in US$), and websites is also in Attachment 1, in the table below the map.

Instructions Please notify ARINC Industry Activities of your intention to attend by registering online at: *http://www.aviation-ia.com/events/*

The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Larry A. Hesterberg (*larry.hesterberg@sae-itc.org*). Any material intended to be circulated prior to the meeting should be submitted before **January 7, 2019**. The agenda will be finalized one week prior to the meeting.

Meeting Objectives	The CDS Subcommittee will meet January 21-25, 2019 in Porto Alegre, Brazil. The purpose of the meeting is to update ARINC Specification 661, Cockpit Display of User Systems per APIM 08-004C.

The meeting will be hosted by AEL Sistemas. The meeting will cover content and actions concerning the following:

The CDS Subcommittee will review **Draft 1 of Supplement 7 to ARINC Specification 661:** *Cockpit Display System Interfaces to User Systems, Part 1, Avionics Interfaces, Basic Symbology, and Behavior*.

Supplement 7 will add new material as follows:

- Widget Structure Meta Definition
- Three-dimensional projection
- Super Layer clarifications and new material
- Custom data Elements
- Other Miscellaneous items TBA

The goal is to reach consensus on the content of material that will appear in Supplement 7. A mature draft is scheduled for presentation at the AEEC General Session in April 2019.

ARINC Project Paper 661: *Cockpit Display System Interfaces to User Systems, Part 2, User Interface Markup Language (UIML) for Graphical User Interfaces.* The UIML will allow developers to specify the interface, look, and behavior of any the ARINC 661 building blocks.

ARINC Project Paper 661 Part 2 will include:

- User Interface Markup Language syntax
- Language that couples Part 1 and Part 2 material contained within ARINC 661
- Definition of a first set of primitives, and first set of basic components
- Execution model
- Widget samples using the language (objective is to cover the Supplement 6 to ARINC 661 widgets or in limited cases, described why they are not covered)

Travel Information

The AEL Sistemas facility is located at the southeast corner of the Porto Alegre International Airport. Its location is marked on the map of Attachment 1.

Travel From/To Porto Alegre International Airport Salgado Filho

Taxis are available at the airport. The start price is R$5.18 and the per km charge is R$4.17 (approximately US$1.38 and US$1.11).

UBER is available. The fixed cost is R$2.30 and the per km charge is R$1.20 (approximately US$0.61 and US$0.37).

There is also 99 and Cabify, two similar services to UBER.

Major car rental companies are also available at the airport.
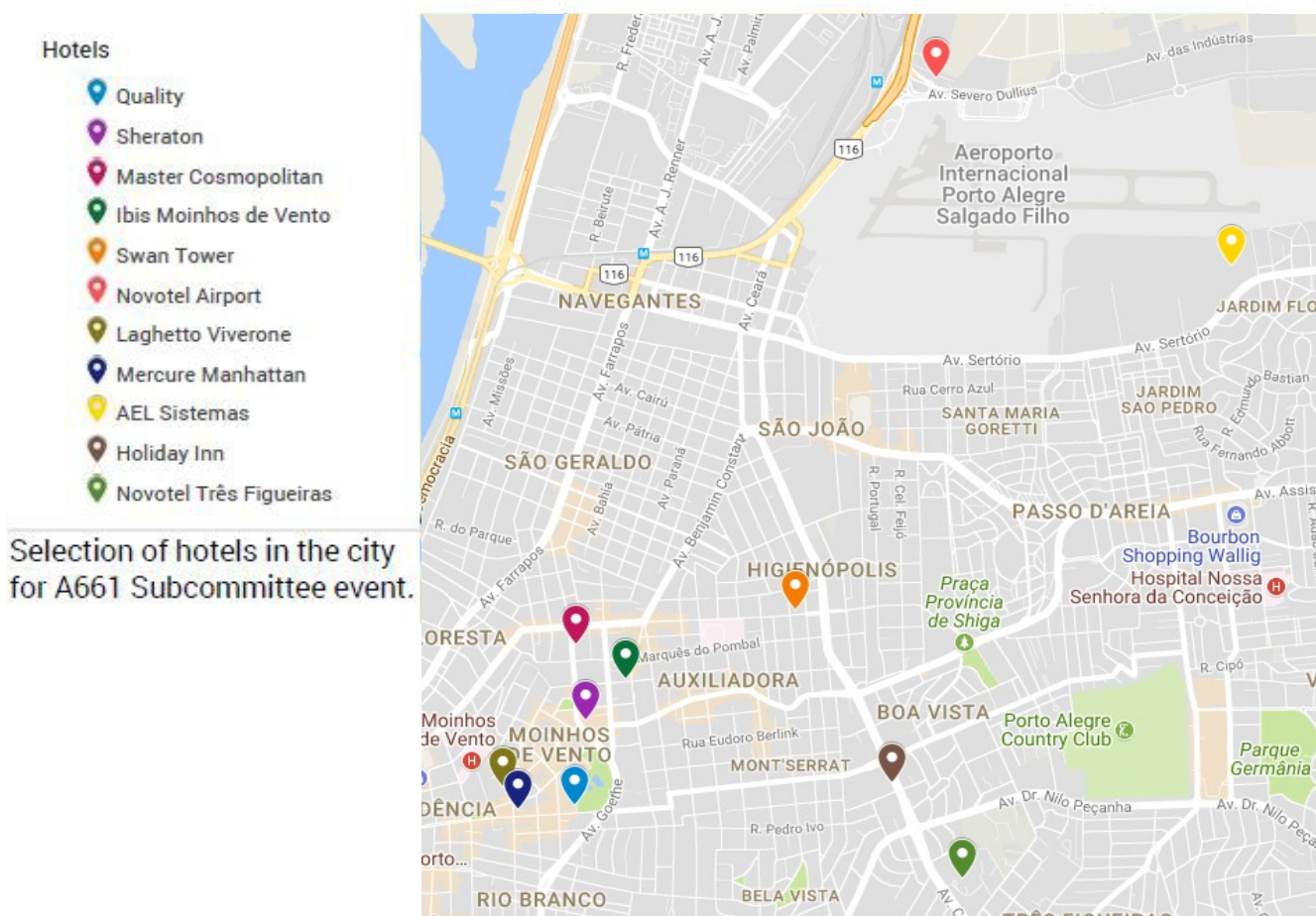
Visa Information

Visas are required for citizens of certain countries to enter Brazil. All attendees are strongly encouraged to check the Brazilian visa policy for their country of citizenship and, if necessary, acquire a Brazilian visa.

cc   SAI Subcommittee

Attachment 1

Hotel Information

Hotels
- Quality
- Sheraton
- Master Cosmopolitan
- Ibis Moinhos de Vento
- Swan Tower
- Novotel Airport
- Laghetto Viverone
- Mercure Manhattan
- AEL Sistemas
- Holiday Inn
- Novotel Três Figueiras

Selection of hotels in the city for A661 Subcommittee event.

Name	Address	US$	Website
Quality	42 Comendador Caminha St.	$75	https://new.atlanticahotels.com.br/hotel/quality-hotel-porto-alegre-porto-alegre-brasil/618201
Sheraton	18 Olavo Barreto Viana St.	$159	http://www.marriott.com/hotels/travel/pbxsi-sheraton-porto-alegre-hotel/
Master Cosmopolitan	712 Felix da Cunha St.	$48	http://www.masterhoteis.com.br/hotel-em-porto-alegre/master-cosmopolitan/
Ibis Moinhos de Vento	540 Marquês do Herval St.	$47	http://www.accorhotels.com/gb/hotel-6664-ibis-porto-alegre-moinhos-de-vento/index.shtml
Swan Tower	3192 Cristóvão Colombo Av.	$59	http://www.swanhoteis.com.br/en/
Novotel Airport	2055 Severo Dullius Av.	$49	http://www.accorhotels.com/gb/hotel-6665-novotel-porto-alegre-airport/index.shtml
Laghetto Viverone	579 Dr. Vale St.	$85	http://www.laghettohoteis.com.br/hoteis/porto-alegre/viverone-moinhos
Vertice Manhattan	30 Miguel Tostes St.	$100	http://www.laghettohoteis.com.br/hoteis/porto-alegre/vertice-manhattan
Holiday Inn	565 Carlos Gomes Av.	$70	http://www.ihg.com/holidayinn/hotels/us/en/porto-alegre/poabr/hoteldetail
Novotel Três Figueiras	575 Soledade Av.	$65	http://www.accorhotels.com/gb/hotel-3258-novotel-alegre-tres-figueiras/index.shtml