



To KSAT Subcommittee **Date** November 6, 2019

From José Godoy
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Tel +1 240 334-2583 **Reference** 19-999/SMA-149 kpp

Subject **Meeting Announcement**
Ku/Ka-Band Satellite (KSAT) Subcommittee

Co-Chairs Chris Schaupmann, Airbus
Mark Sorensen, Delta Air Lines

When January 21-23, 2020
Tuesday and Wednesday from 0900 to 1700
Thursday from 0900 to 1300

The AEEC Network Infrastructure Security (NIS) Subcommittee meeting will also be held January 21-23, 2020, at the same location. KSAT Subcommittee participants are invited to attend.

Host Viasat Inc. is hosting the Ku/Ka-Band Satellite Subcommittee meeting.

Where Meeting Location

2509 Gateway Road
Building N2
Carlsbad, California 92009
USA

Point of Contact

Eric Cross
Email: Eric.Cross@viasat.com
Tel: +1 404 226-016

Travel information is provided later in this AEEC meeting announcement.

Hotel There is a good selection of hotels available to suit your budget and comfort needs. A list of hotels can be found in Attachment 1 to this meeting announcement. Ask for "the Viasat rate" when making your reservations as some area hotels offer a preferable rate.

Instruction Upon arriving the Viasat Campus, Park in any available parking space in the lot between buildings N1 and N2. Check in at the lobby of building N1 located in

the North Campus (see the Viasat Carlsbad Campus Map in Attachment 2 to this meeting announcement). Attendees must provide their identification (i.e., Driver's License or Passport) at lobby check-in.

Building N2, the meeting site, is directly across from Building N1.

Please notify ARINC Industry Activities of your intention to attend by registering online at: <https://www.aviation-ia.com/form/meeting-registration-form>.

The meeting is open to all interested parties. Individuals requesting time on the agenda should contact José Godoy (jose.godoy@sae-itc.org).

Any material intended to be circulated prior to the meeting should be submitted before January 10, 2020. The agenda will be finalized one week prior to the meeting.

Activity Scope

The goal of this activity is to develop and maintain Ku-band and Ka-band satellite communication systems that meet operators' high-performance requirements. The equipment specified in these ARINC Standards are typically used to provide passenger data, video, and voice communication services.

Meeting Objectives

The KSAT Subcommittee will meet to:

- Further develop **Supplement 2 to ARINC Characteristic 791: Mark 1 Aviation Ku/Ka – Band Satcom System, Part 2, Electrical Interfaces and Functional Equipment Description**, as authorized by APIM 16-006
- Further develop **Supplement 1 to ARINC Characteristic 792: Second Generation Ku-Band and Ka-Band Satellite Communication System**, as authorized by APIM 19-001
- Discuss a common modem solution for Ku-band and Ka-band satcom systems
- Discuss RF and IF over fiber for Ku-band and Ka-band satcom applications

The KSAT Subcommittee will review, address, and update the KSAT Subcommittee Action Items.

Travel Information

Viasat – 2501 Gateway Road, Carlsbad, California 92009

Recommended transportation is automobile (Rental Car or taxi/Uber/Lyft).

Directions from San Diego International Airport (SAN) to Viasat Inc.

The meeting site is located about 37 miles/60 kilometers from the San Diego International Airport.

1. Get on Airport Terminal Rd.
2. Turn left into North Harbor Dr.
3. Turn left into West Laurel St.
4. Turn left into India St.
5. Take ramp to I-5 North.
6. Stay on I-5 N.

7. Take Exit 47 to Palomar Airport Rd. (in Carlsbad).
8. Exit onto Palomar Airport Rd and head east (away from the Pacific Ocean), for just over 3 miles.
9. Turn right on Innovation Way, then take the first right onto Gateway Road.
10. Take the first right and park in the lot between Buildings N1 and N2.

Directions from Los Angeles International Airport (LAX) to Viasat Inc.

The meeting site is located about 100 miles/160 kilometers from Los Angeles International Airport.

1. Head West on Vicksburg Ave.
2. Turn onto World Way.
3. Continue to S Sepulveda Blvd.
4. Merge onto S Sepulveda Blvd.
5. Follow signs to I-105E.
6. Merge onto I-105E.
7. Follow signs to I-405 South.
8. Merge onto I-405 South.
9. Take Exit 10 for CA-73 S toward San Diego. Continue onto CA-73 S (Partial Toll Road).
10. Merge onto I-5 S.
11. Take Exit 47 to Palomar Airport Rd.
12. Exit onto Palomar Airport Rd and head east (away from the Pacific Ocean), for just over 3 miles.
13. Turn right on Innovation Way, then take the first right onto Gateway Road.
14. Take the first right and park in the lot between Buildings N1 and N2.

cc

AGCS, CSS, NIS, SAI

Attachment 1

Hotels near VIASAT

1) Cape Rey Carlsbad, a Hilton Resort

Distance 3.47 Miles

1 Ponto Rd, Carlsbad, CA 92011

Phone: (760) 602-0800

www.hilton.com/Official_Site/Cape_Rey

2) Courtyard San Diego Carlsbad/McClellan Palomar Airport

Distance 0.87 Miles

5835 Owens Ave, Carlsbad, CA 92008

Phone: (760) 431-9399

<http://www.marriott.com/SANCS>

3) Fairfield Inn & Suites by Marriott San Diego Carlsbad

Distance 1.43 Miles

1929 Palomar Oaks Way, Carlsbad, CA 92011

Phone: (760) 579-0155

<http://www.marriott.com/hotels/travel/sanfd-fairfield-inn-an>

4) Four Seasons Residence Aviara

Distance 2.14 Miles

7210 Blue Heron Place, Carlsbad, CA 92011

Phone: (760) 603-3700

http://www.fourseasons.com/northsandiego/villa_rental/

5) Hampton Inn Carlsbad-North san Diego

Distance 0.39 Miles

2229 Palomar Airport Rd, Carlsbad, CA 92011

Phone: (760) 431-2225

<http://www.hamptoninncarlsbad.com/>

6) Holiday Inn Carlsbad

Distance 0.57 Miles

2725 Palomar Airport Rd., Carlsbad, CA 92009

Phone: (760) 438-2725

<http://www.holidayinn.com/carlsbad>

7) Hyatt Place San Diego Carlsbad Vista

Distance 1.46 Miles

2645 South Melrose Dr., Vista, CA 92081

Phone: (760) 814-8879

<http://www.hyattplacesandiegocarlsbad.com>

8) Omni la Costa Resort and Spa

Distance 2.43 Miles

2100 Costa del Mar Rd., Carlsbad, CA 92081

Phone: (760) 4388-9111

<http://www.omnihotels.com/lacosta>

9) Park Hyatt Aviara Resort

Distance 2.19 Miles

7100 Aviara resort Drive, Carlsbad, CA 92009

Phone: (760) 448-1234

<http://www.aviara.park.hyatt.com>

10) Sheraton Carlsbad Resort & Spa

Distance 2.47 Miles

5480 Grand Pacific Dr, Carlsbad, CA 92008

Phone: (760) 827-2400

<http://www.sheratoncarlsbad.com>

11) Staybridge Suites Carlsbad

Distance 0.57 Miles

2735 Palomar Airport Road, Carlsbad, CA

Phone: (760) 438-2735

<http://www.staybridge.com/carlsbadca>

12) TownePlace Suites San Diego Carlsbad/Vista

Distance 2.02 Miles

2201 South Melrose Dr., Vista, CA 92081

Phone: (760) 2166010

<http://marriott.com/SANVI>

13) West Inn And Suites

Distance 3.78 Miles

4970 Avenida Encinas, Carlsbad, CA 92008

Phone: (760) 448-4500

<http://westinnandsuites.com/>

14) Hilton Garden Inn Carlsbad Beach

6450 Carlsbad Blvd, Carlsbad, CA 92011

Phone: (760) 476-0800

15) Carlsbad Seapointe Resort

6400 Surfside Ln, Carlsbad, CA 92011

Phone: (760) 603-1700

Attachment 2

Viasat Carlsbad Campus Map



For assistance, call our switchboard on (760) 476-2200.

Directions from I-15

Take I-15 to HWY 78 west. Exit San Marcos Blvd. Turn left and follow it southwest for approximately 5 miles.

- For **Building E1** (2501 Gateway Road, Carlsbad, CA 92009): Turn left on Innovation Way, then take the first right onto Gateway Road. The vehicle entrance is on your left, 300 feet before the corner with El Camino Real. Visitor parking is located under our E1 building. Once you find parking, follow the "visitor entrance" signs to the stairs or elevator which will take you to the first floor lobby.

For after hours visits (M-F 6pm-7am and weekends), please use the above-ground parking by the main entrance.

- For **Building W1** (6155 El Camino Real, Carlsbad, CA 92009): turn left on El Camino Real (southbound) and make the first right after the crossing at Gateway Road, into Viasat's parking lot. You can park in front of the main building, facing El Camino Real.
- To access **Founder's Hall (Building W4)** turn left on El Camino Real (southbound) and make the second right after the crossing at Gateway Road. Continue to the end and make a right to enter the parking lot behind Building W4.

Directions from I-5

Exit onto Palomar Airport Rd and head east (away from the Pacific Ocean), for just over 3 miles.

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