

From cgsic at cgl.uscg.mil Fri Jan 9 08:18:11 2015
From: cgsic at cgl.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Fri, 9 Jan 2015 13:18:11 +0000
Subject: CGSIC: FW: New NANU 2015005
Message-ID: <mailman.745.1420809788.4851.cgsic@cgl.uscg.mil>

All CGSIC:

In case you missed it: 06 January 2015 was the last day of service for GPS SVN-26. SVN-26 was a Boeing/Rockwell International Block II GPS satellite launched 07 July 1992 one of the first generation of operational GPS satellites with a design life of only 7.5 years. A testament to the satellite engineers and the men and women of the Air Force, the Second Space Operations Squadron at Schriever Air Force Base has successfully managed SVN-26 in its mission for over 22 years.

On 7 Jan, SVN-26 (PRN-26) was transferred from the operational ground control system (AEP) to Launch, Anomaly and Disposal Operations (LADO). In the near-term, PRN-26 will be used for clock checkout activities on a few LADO satellites. The compatibility test for SVN-71, the next IIF satellite to launch (SVN-71/IIF-9) is scheduled for the week of 19 Jan. PRN-26 will be used by SVN-71 for the compatibility test and then be used again for LADO satellite clock tests. PRN-26 will be reassigned to SV-71 just prior to launch. SVN-71/PRN-26 is currently scheduled for launch from Cape Canaveral on 25 Mar 2015.

V/R

Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
USCG Navigation Center
703-313-5930

-----Original Message-----

From: NANU [mailto:nanu-bounces at cgl.uscg.mil] On Behalf Of TIS-PF-NISWS
Sent: Tuesday, January 06, 2015 6:48 PM
To: NANU list server
Subject: New NANU 2015005

NOTICE ADVISORY TO NAVSTAR USERS (NANU) 2015005
SUBJ: SVN26 (PRN26) DECOMMISSIONING JDAY 006/2200

1. NANU TYPE: DECOM
NANU NUMBER: 2015005
NANU DTG: 062219Z JAN 2015
REFERENCE NANU: 2015002
REF NANU DTG: 021659Z JAN 2015
SVN: 26
PRN: 26
UNUSABLE START JDAY: 005
UNUSABLE START TIME ZULU: 1750
UNUSABLE START CALENDAR DATE: 05 JAN 2015
DECOMMISSIONING JDAY: 006
DECOMMISSIONING TIME ZULU: 2200
DECOMMISSIONING CALENDAR DATE: 06 JAN 2015
2. CONDITION: GPS SATELLITE SVN26 (PRN26) WAS UNUSABLE AS OF JDAY 005 (05 JAN 2015)
AND REMOVED FROM THE GPS CONSTELLATION ON JDAY 006 (06 JAN 2015).
3. POC: CIVILIAN - NAVCEN AT 703-313-5900, [HTTP://WWW.NAVCEN.USCG.GOV](http://www.navcen.uscg.gov)

MILITARY - GPS OPERATIONS CENTER at [HTTPS://GPS.AFSPC.AF.MIL/GPSOC](https://GPS.AFSPC.AF.MIL/GPSOC), DSN 560-2541,
COMM 719-567-2541, gpsoperationscenter@us.af.mil, [HTTPS://GPS.AFSPC.AF.MIL](https://GPS.AFSPC.AF.MIL)
MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-3514,
COMM 805-606-3514, JSPOCCOMBATOPS@VANDENBERG.AF.MIL

To unsubscribe, visit: <http://www.navcen.uscg.gov/?pageName=listserverunsubscribe&srvr=Nanu>

From cgsic@cgl.uscg.mil Mon Feb 2 16:23:50 2015
From: cgsic@cgl.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Mon, 2 Feb 2015 21:23:50 +0000
Subject: CGSIC: Leap Second Implementation Problems
Message-ID: <mailman.183.1422912557.4863.cgsic@cgl.uscg.mil>

All CGSIC:

2015 GPS Future Leap Second Implementation

The GPS 50 bit-per-second navigation message transmitted by each GPS satellite (specifically Page 18, subframe 4) includes the parameters needed to relate GPS time to UTC (Coordinated Universal Time). That relationship is maintained through leap second implementation transitions by IS-GPS-200 compliant user equipment. For leap second transition, user equipment must utilize the notice regarding a scheduled future delta time due to leap seconds (?tLSF), together with the week number (WNLSF) and the day number (DN) at the end of which the leap second becomes effective.

On or about 21 January, 2015 those GPS navigation messages began to include future leap second data which indicates an increase in the leap second to become effective at the end of June, 2015. IS-GPS-200 revision H, dated 24 Sep 2013 paragraph 20.3.3.5.2.4 Coordinated Universal Time (UTC), documents the appropriate algorithm details to ensure correct utilization of the parameters above (including all potential truncated week number transitions and variations in time of processing relative to satellite upload timing near the future leap second effectivity).

The data upload for the June 30th leap second, initiated with SVN48/PRN07 at 18:33:56z on January 21st, was correctly executed. However, there are several receivers brands/models that seem to be mishandling this information and applying the leap second now. This is creating a negative one-second offset in faulty receivers. The U.S. Coast Guard Navigation Center has reports of these receivers causing synchronization issues with radios, computer systems, and data logging equipment. Users experiencing issues with GPS receivers that began on January 21st, 2015 should contact the receiver manufacturer to determine if the latest firmware or software patch can correct the issue.

V/R
Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
USCG Navigation Center
703-313-5930

From cgsic@cgl.uscg.mil Fri Feb 13 12:39:09 2015
From: cgsic@cgl.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Fri, 13 Feb 2015 17:39:09 +0000
Subject: CGSIC: FW: Global Positioning System Adjacent Band Compatibility
Assessment Workshop III
Message-ID: <mailman.646.1423849493.4863.cgsic@cgl.uscg.mil>

All CGSIC:

Global Positioning System Adjacent Band Compatibility Assessment Workshop III
Notice by the Transportation Department in the Federal Register
13 February 2015

The purpose of this notice is to inform the public that the U.S. Department of Transportation will host a third workshop to continue discussions of the Global Positioning System (GPS) Adjacent Band Compatibility Assessment. The workshop will focus on the following topics: (i) Identification of GPS and Global Navigation Satellite System (GNSS) receivers to be considered for testing that are representative of the current categories of user applications; and (ii) discussion of a GPS/GNSS receiver test plan. To maximize participation and discussion, the U.S. Department of Transportation is requesting that those interested in presenting on one (or all) of the above topics please contact Stephen Mackey (contact information listed at the full Register notice) by March 2, 2015.

This workshop is open to the general public by registration only. For those who would like to attend the workshop, we request that you register no later than March 2, 2015.

Full Register notice can be found here: <https://federalregister.gov/a/2015-03020>

V/R

Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
USCG Navigation Center
703-313-5930

From cgsic at cgls.uscg.mil Wed Mar 4 15:50:56 2015
From: cgsic at cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Wed, 4 Mar 2015 20:50:56 +0000
Subject: CGSIC: FW: High HDOP Advisory
Message-ID: <mailman.249.1425502620.4858.cgsic@cgls.uscg.mil>

All CGSIC:

Users in certain parts of the world may experience a very short period of high Dilution of Precision (DOP >6) in the vicinity of Western Sahara and Morocco at their border and within a large area offshore the United Kingdom and Ireland in the Atlantic from 052117Z - 052120Z Mar 2015 (three minutes), due to satellite maintenance (NANU 2015013, below). DOP depends only on the geometry of the four satellites used by the user equipment to determine its position and time and is a multiplier. Simply speaking, Signal-in-Space error (how much accuracy the signal lost during its travel from the satellite to your receiver) plus Receiver Error (inherent in the manufacture of the device) multiplied by the DOP equals Navigation Error (how far off you can expect the position to be within). Graph illustration of the predicted event can be seen at: http://navcen.uscg.gov/?pageName=degradation_05302015

Predictions are based on a "Best Four" analysis to illustrate the worst case scenario and are provided for situational awareness only.

Please report any outages through the NAVCEN "Report a GPS Problem" page.

V/R

Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
USCG Navigation Center
703-313-5930

703-313-5930

From cgsic at cgl.uscg.mil Wed Mar 11 14:36:13 2015
From: cgsic at cgl.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Wed, 11 Mar 2015 18:36:13 +0000
Subject: CGSIC: High HDOP Advisory
Message-ID: <mailman.459.1426099347.4858.cgsic@cgl.uscg.mil>

All CGSIC:

Users of the Global Positioning System (GPS) in various parts of the world may experience short periods of high Horizontal Dilution of Precision (HDOP)/Position Dilution of Precision (PDOP) (DOP >6) at various times between 120400Z - 121600Z MAR 2015 due to satellite maintenance (NANU 2015015). Further details can be found on the Coast Guard navigation Center's website:
http://www.navcen.uscg.gov/?pageName=degradation_03122015

Predictions are based on a "Best Four" analysis to illustrate the worst case scenario and are provided for situational awareness only.

Please report any outages through the NAVCEN "Report a GPS Problem" page.

NOTICE ADVISORY TO NAVSTAR USERS (NANU) 2015015
SUBJ: SVN57 (PRN29) FORECAST OUTAGE JDAY 071/0400 - JDAY 071/1600

1. NANU TYPE: FCSTDV
NANU NUMBER: 2015015
NANU DTG: 070000Z MAR 2015
REFERENCE NANU: N/A
REF NANU DTG: N/A
SVN: 57
PRN: 29
START JDAY: 071
START TIME ZULU: 0400
START CALENDAR DATE: 12 MAR 2015
STOP JDAY: 071
STOP TIME ZULU: 1600
STOP CALENDAR DATE: 12 MAR 2015
2. CONDITION: GPS SATELLITE SVN57 (PRN29) WILL BE UNUSABLE ON JDAY 071 (12 MAR 2015) BEGINNING 0400 ZULU UNTIL JDAY 071 (12 MAR 2015) ENDING 1600 ZULU.
3. POC: CIVILIAN - NAVCEN AT 703-313-5900, [HTTP://WWW.NAVCEN.USCG.GOV](http://WWW.NAVCEN.USCG.GOV) MILITARY - GPS OPERATIONS CENTER at <HTTPS://GPS.AFSPC.AF.MIL/GPSOC>, DSN 560-2541, COMM 719-567-2541, gpsoperationscenter@us.af.mil, <HTTPS://GPS.AFSPC.AF.MIL> MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-3514, COMM 805-606-3514, JSPOCCOMBATOPS@VANDENBERG.AF.MIL To unsubscribe, visit: <http://www.navcen.uscg.gov/?pageName=listserverunsubscribe&srvr=Nanu>

From cgsic at cgl.uscg.mil Thu Mar 19 09:08:31 2015
From: cgsic at cgl.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Thu, 19 Mar 2015 13:08:31 +0000
Subject: CGSIC: Status of CNAV Performance

Message-ID: <mailman.813.1426770894.4858.cgsic@cgl.uscg.mil>

All CGSIC

A quarterly meeting of the U.S. GPS Program's interagency Civil Navigation Signals (CNAV) Tiger Team occurred 5 March 2015 to discuss the new L2C and L5 GPS civil signals. CNAV Message Types 10, 11, 30 and 33 are currently transmitted on seven GPS IIR-M (L2C) & eight GPS IIF satellites (L2C & L5). A Modernized Navigation (MODNAV) Tool integrated with the GPS ground control software (Architecture Evolution Plan or AEP) is generating the CNAV data messages. Daily CNAV uploads began 31 December 2014, and the U.S. Air Force reports that signal performance of CNAV matches or slightly outperforms Legacy performance: average user range error (RMS URE) from 25 February - 3 March 2015 was 0.50 m for Legacy and 0.57 m for Modernized; best week for Modernized signals since the broadcast initiated April 2014 was 0.42 m for 6 - 13 January 2015. This is illustrated in a graph posted to the Coast Guard Navigation Center website, http://www.navcen.uscg.gov/?pageName=CNAV_Performance. Users are reminded that these CNAV signals are "pre-operational" and should be used with discretion until they become fully operational; the L5 message is currently set unhealthy.

V/R

Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
USCG Navigation Center
703-313-5930

----- next part -----

A non-text attachment was scrubbed...

Name: smime.p7s

Type: application/x-pkcs7-signature

Size: 5582 bytes

Desc: not available

URL: <<http://cgl.uscg.mil/pipermail/cgsic/attachments/20150319/52348264/attachment.bin>>

From cgsic at cgl.uscg.mil Fri Mar 20 17:07:34 2015

From: cgsic at cgl.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))

Date: Fri, 20 Mar 2015 21:07:34 +0000

Subject: CGSIC: GPS IIF-9 Launch

Message-ID: <mailman.873.1426886075.4858.cgsic@cgl.uscg.mil>

All CGSIC:

Delta IV to Launch GPS IIF-9

Delta IV GPS IIF-9 Mission Overview Brochure

<http://www.ulalaunch.com/uploads/docs/Mission_Booklets/DIV/div_gpsiiif9_mob.pdf>

Rocket/Payload: A United Launch Alliance Delta IV Medium+ will launch the GPS IIF-9 mission for the U.S. Air Force.

Date/Site/Launch Time: Wednesday, March 25, from Space Launch Complex (SLC)-37 at Cape Canaveral Air Force Station, Florida.

GPS IIF-9 is one of the next-generation GPS satellites, incorporating various improvements to provide greater accuracy, increased signals, and enhanced performance for users.

Launch Notes: GPS IIF-9 marks the 29th Delta IV launch and the 57th operational GPS satellite to launch on a ULA or heritage launch vehicle.

Launch Updates: To keep up to speed with updates to the launch countdown, dial the ULA launch hotline at 1-877-852-4321 or join the conversation at www.facebook.com/ulalaunch, [twitter.com/ulalaunch](http://www.facebook.com/ulalaunch) and instagram.com/ulalaunch.

Constellation Changes: The Air Force Second Space Operations Squadron (2 SOPS) indicates that IIF-9, SVN-71/PRN-26, will replace SVN-35 (currently being operated in Launch, Anomaly Resolution and Disposal Operations (LADO)) in the B plane slot 1F. SVN-38/PRN-08 will be taken out of the operational constellation prior to SVN-71 payload initialization and sent to LADO. PRN-08 will be assigned to SVN-49 in May and set to test, but is tentatively scheduled for assignment to IIF-10 to launch 16 June of this year. SVN-35, launched on 30 August 1993, has been in a residual status since March 2013 in an expanded node slot in the B plane and successfully served 21.5 years, 14.0 years beyond its designed service life, due to the diligent efforts of the men and women of the U.S. Air Force. SVN-51 is still in a re-phase journey from E1 (GLAN=146 ?) to an auxiliary node at E7 (GLAN=60.7 ?) scheduled to arrive sometime this summer.

V/R

Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
USCG Navigation Center
703-313-5930

From cgsic at cgl.uscg.mil Mon Mar 23 15:07:43 2015

From: cgsic at cgl.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))

Date: Mon, 23 Mar 2015 19:07:43 +0000

Subject: CGSIC: Complementary Positioning, Navigation, and Timing Capability; Notice;
Request for Public Comments

Message-ID: <mailman.954.1427138201.4858.cgsic@cgl.uscg.mil>

All CGSIC:

The Department of Transportation has released a Federal Register Notice Request for Public Comments. The purpose of this notice is to seek comment from the public and industry regarding potential plans by the United States Government to implement an enhanced Long Range Navigation (eLoran) system as a complementary positioning, navigation, and timing (PNT) capability to the Global Positioning System (GPS). The positioning, navigation, and timing performance of eLoran will vary widely depending on the number of transmitters and monitor sites for corrections that are implemented. Comments are requested on or before May 22, 2015.

The Department of Transportation seeks input on: (a) A brief description of your application(s) of positioning, navigation, and timing services; (b) the positioning, navigation, and/or timing performance required for a complementary PNT capability to support operations during a disruption of GPS that could last for longer than a day, (c) availability and coverage area required for a complementary PNT capability,

(d) willingness to equip with an eLoran receiver to reduce or prevent operational and/or economic consequences from a GPS disruption, (e) current and planned availability of e-Loran capable user equipment, (f) other non-eLoran PNT technologies or operational procedures, currently available or planned, that could be used during a disruption of GPS for longer than a day.

For further information and to submit a formal comment, please visit the following website:
<https://www.federalregister.gov/articles/2015/03/23/2015-06538/complementary-positioning-navigation-and-timing-capability-notice-request-for-public-comments>.

----- next part -----

An HTML attachment was scrubbed...

URL: <<http://cgls.uscg.mil/pipermail/cgsic/attachments/20150323/c251d360/attachment.html>>

From cgsic at cgls.uscg.mil Tue Apr 14 11:28:03 2015
From: cgsic at cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Tue, 14 Apr 2015 15:28:03 +0000
Subject: CGSIC: HIGH HORIZONTAL DILUTION OF PRECISION (HDOP) ADVISORY 15
APRIL 2015.
Message-ID: <mailman.593.1429025445.4852.cgsic@cgls.uscg.mil>

All CGSIC:

====

HIGH HORIZONTAL DILUTION OF PRECISION (HDOP) ADVISORY 15 APRIL 2015.

====

Users of the Global Positioning System (GPS) in Spain and in part of the Southern Indian Ocean may experience short periods of high HDOP/PDOP (HDOP >6) at various times between 151530Z - 160330Z APR 2015 due to satellite maintenance (NANU 2015-024). Predictions are based on a "Best Four" analysis to illustrate the worst case scenario and are provided for situational awareness only. You may view illustrations of the events at the following NAVCEN page:
http://www.navcen.uscg.gov/?pageName=HDOP_Event_04152015

Please report any outages through the NAVCEN "Report a GPS Problem" page:
<http://www.navcen.uscg.gov/?pageName=gpsUserInput>

V/R

Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
USCG Navigation Center
703-313-5930

From cgsic at cgls.uscg.mil Tue Apr 21 11:00:33 2015
From: cgsic at cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Tue, 21 Apr 2015 15:00:33 +0000
Subject: CGSIC: FW: New NANU 2015028
Message-ID: <mailman.846.1429628437.4852.cgsic@cgls.uscg.mil>

All CGSIC:

The ninth GPS-IIF satellite, SVN-71/PRN-26, launched on 25 March 2015, has completed its operational checkout and was set to healthy and usable Monday, 20 April, 2015. See NANU 2015028 below. This

brings the number of satellites transmitting the L2C signal to 16 and those transmitting the L5 signal to 09. The next GPS-IIF satellite, IIF-10/SVN-72 is tentatively scheduled for launch 16 June 2015.

V/R

Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
USCG Navigation Center
703-313-5930

=====
-----Original Message-----

From: NANU [mailto:nanu-bounces@cgls.uscg.mil] On Behalf Of TIS-PF-NISWS
Sent: Monday, April 20, 2015 6:32 PM
To: NANU list server
Subject: New NANU 2015028

NOTICE ADVISORY TO NAVSTAR USERS (NANU) 2015028
SUBJ: SVN71 (PRN26) USABLE JDAY 110/2222

1. NANU TYPE: USABINIT
NANU NUMBER: 2015028
NANU DTG: 202222Z APR 2015
REFERENCE NANU: N/A
REF NANU DTG: N/A
SVN: 71
PRN: 26
START JDAY: 110
START TIME ZULU: 2222
START CALENDAR DATE: 20 APR 2015
STOP JDAY: N/A
STOP TIME ZULU: N/A
STOP CALENDAR DATE: N/A
2. CONDITION: GPS SATELLITE SVN71 (PRN26) WAS USABLE AS OF JDAY 110 (20 APR 2015) BEGINNING 2222 ZULU.
3. POC: CIVILIAN - NAVCEN AT 703-313-5900, [HTTP://WWW.NAVCEN.USCG.GOV](http://www.navcen.uscg.gov)
MILITARY - GPS OPERATIONS CENTER at [HTTPS://GPS.AFSPC.AF.MIL/GPSOC](https://gps.afspc.af.mil/gpsoc), DSN 560-2541,
COMM 719-567-2541, gpsoperationscenter@us.af.mil, [HTTPS://GPS.AFSPC.AF.MIL](https://gps.afspc.af.mil)
MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-3514,
COMM 805-606-3514, [JSPOCCOMBATOPS@VANDENBERG.AF.MIL](mailto:jspoccombatops@vandenberga.af.mil)

To unsubscribe, visit: <http://www.navcen.uscg.gov/?pageName=listserverunsubscribe&srvr=Nanu>

From: cgsic@cgls.uscg.mil Thu Apr 30 09:48:01 2015
From: cgsic@cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Thu, 30 Apr 2015 13:48:01 +0000
Subject: CGSIC: FW: New NANU 2015032
Message-ID: <mailman.1241.1430401684.4852.cgsic@cgls.uscg.mil>

All CGSIC:

For those GPS users who have historically been sensitive to activation of SVN-49, please note the following. On approximately 30 APR 2015, SVN49 will resume transmitting L-band utilizing PRN08. At L-band activation, SVN49/PRN08 will be unusable until further notice. Additionally, no broadcast almanacs will include SVN49/PRN08 until further notice.

V/R
Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
U.S. Coast Guard Navigation Center
703-313-5930

=====
=====

-----Original Message-----

From: NANU [mailto:nanu-bounces@cgls.uscg.mil] On Behalf Of TIS-PF-NISWS
Sent: Wednesday, April 29, 2015 9:01 PM
To: NANU list server
Subject: New NANU 2015032

NOTICE ADVISORY TO NAVSTAR USERS (NANU) 2015032 NANU TYPE: GENERAL
*** GENERAL MESSAGE TO ALL GPS USERS *** On approximately 30 APR 2015, SVN49 will resume transmitting L-band utilizing PRN08. At L-band activation, SVN49/PRN08 will be unusable until further notice. Additionally, no broadcast almanacs will include SVN49/PRN08 until further notice.
*** GENERAL MESSAGE TO ALL GPS USERS ***

POC: CIVILIAN - NAVCEN AT 703-313-5900, [HTTP://WWW.NAVCEN.USCG.GOV](http://www.navcen.uscg.gov)
MILITARY - GPS OPERATIONS CENTER at [HTTPS://GPS.AFSPC.AF.MIL/GPSOC](https://gps.afspc.af.mil/gpsoc), DSN 560-2541,
COMM 719-567-2541, gpsoperationscenter@us.af.mil, [HTTPS://GPS.AFSPC.AF.MIL](https://gps.afspc.af.mil)
MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-3514,
COMM 805-606-3514, [JSPOCCOMBATOPS@VANDENBERG.AF.MIL](mailto:JSPOCCOMBATOPS@vandenberga.af.mil)

To unsubscribe, visit: <http://www.navcen.uscg.gov/?pageName=listserverunsubscribe&srvr=Nanu>

From cgsic at cgls.uscg.mil Wed May 27 08:24:46 2015
From: cgsic at cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Wed, 27 May 2015 12:24:46 +0000
Subject: CGSIC: 2014 Federal Radionavigation Plan
Message-ID: <mailman.969.1432729491.6155.cgsic@cgls.uscg.mil>

All CGSIC:
The DOT Office of the Assistant Secretary for Research and Technology at the U.S. Department of Transportation has released the 2014 Federal Radionavigation Plan signed by the Secretaries of Defense, Transportation, and Homeland Security. This document has been posted to the NAVCEN's website at <http://www.navcen.uscg.gov/pdf/FederalRadionavigationPlan2014.pdf>

V/R
Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
U.S. Coast Guard Navigation Center
703-313-5930

From cgsic at cgls.uscg.mil Thu May 28 13:30:19 2015
From: cgsic at cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))

Date: Thu, 28 May 2015 17:30:19 +0000
Subject: CGSIC: FW: New NANU 2015039
Message-ID: <mailman.1072.1432834257.6155.cgsic@cgl.uscg.mil>

All CGSIC:

The Air Force Second Space Operations Squadron has issued a Notice Advisory to Navstar Users (NANU) relating to the upcoming Leap Second insertion. GPS users are encouraged to please report operational challenges you experience with the Leap Second insertion to the United States Coast Guard Navigation Center (NAVCEN), via the NAVCEN Website, <http://www.navcen.uscg.gov/> under "Report a GPS Problem."

V/R

Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
U.S. Coast Guard Navigation Center
703-313-5930

=====
===

-----Original Message-----

From: NANU [mailto:nanu-bounces@cgl.uscg.mil] On Behalf Of TIS-PF-NISWS
Sent: Thursday, May 28, 2015 12:20 PM
To: NANU list server
Subject: New NANU 2015039

NOTICE ADVISORY TO NAVSTAR USERS (NANU) 2015039

SUBJ: LEAP SECOND

1. CONDITION: THE INTERNATIONAL EARTH ROTATION AND REFERENCE SYSTEMS SERVICE (IERS) HAS ANNOUNCED THE INTRODUCTION OF A LEAP SECOND TO OCCUR AT THE END OF JUN 2015.
2. COORDINATED UNIVERSAL TIME (UTC) WILL SEQUENCE AS FOLLOWS:
30 JUN 2015 23 HOURS 59 MINUTES 59 SECONDS
30 JUN 2015 23 HOURS 59 MINUTES 60 SECONDS
01 JUL 2015 00 HOURS 00 MINUTES 00 SECONDS
3. FOR GPS, AS WITH PREVIOUS LEAP SECOND UPDATES, THE UTC DATA IN THE NAVIGATION MESSAGE WILL CHANGE IN ACCORDANCE WITH IS-GPS-200.

BEFORE THE LEAP SECOND

GPS-UTC IS 16 (GPS IS AHEAD OF UTC BY 16 SECONDS)

AFTER THE LEAP SECOND

GPS-UTC WILL BE 17 (GPS WILL BE AHEAD OF UTC BY 17 SECONDS)

4. POC: CIVILIAN - NAVCEN AT 703-313-5900, [HTTP://WWW.NAVCEN.USCG.GOV](http://www.navcen.uscg.gov)
MILITARY - GPS OPERATIONS CENTER at [HTTPS://GPS.AFSPC.AF.MIL/GPSOC](https://gps.afspc.af.mil/gpsoc), DSN 560-2541,
COMM 719-567-2541, gpsoperationscenter@us.af.mil, [HTTPS://GPS.AFSPC.AF.MIL](https://gps.afspc.af.mil)
MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-3514,
COMM 805-606-3514, [JSPOCOMBATOPS@VANDENBERG.AF.MIL](mailto:jspoccombatops@vandenberga.af.mil)

To unsubscribe, visit: <http://www.navcen.uscg.gov/?pageName=listserverunsubscribe&srvr=Nanu>

From cgsic at cgl.uscg.mil Thu May 28 14:11:44 2015

From: cgsic at cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Thu, 28 May 2015 18:11:44 +0000
Subject: CGSIC: FW: Best Practices for Leap Second Event Occurring on 30 June 2015 Document Release
Message-ID: <mailman.1073.1432836729.6155.cgsic@cgls.uscg.mil>

All CGSIC:

The DHS National Coordinating Center for Communications - COMM-ISAC has issued a paper titled "Best Practices for Leap Second Event Occurring on 30 June 2015." This paper is sponsored by the National Cybersecurity and Communications Integration Center (NCCIC) in coordination with the United States Naval Observatory, National Institute of Standards and Technology (NIST), the USCG Navigation Center, and the National Coordination Office for Space-Based Positioning, Navigation and Timing (PNT). The document can be found on the NAVCEN website at http://www.navcen.uscg.gov/pdf/cgsic/Leap_Second_Best_Practices_20150526_Intrl_Version.pdf

The product is intended to assist federal, state, local, and private sector organizations with preparations for the 30-June 2015 Leap Second event. Entities using precision time should be mindful that no leap second adjustment has occurred on a non-holiday weekday in the past decade. Of the three leap seconds implemented since 2000, two have been scheduled on 31 December and the most recent was on Sunday, 1 July 2012.

Please report operational challenges you experience relating to the Leap Second insertion to the following organization:

GPS -- United States Coast Guard Navigation Center (NAVCEN), via the NAVCEN Website, <http://www.navcen.uscg.gov/> under "Report a GPS Problem"

V/R

Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
U.S. Coast Guard Navigation Center
703-313-5930

From cgsic at cgls.uscg.mil Fri Jul 17 10:18:33 2015
From: cgsic at cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Fri, 17 Jul 2015 14:18:33 +0000
Subject: CGSIC: FW: GPS IIF-10 Launch
Message-ID: <mailman.559.1437142716.6166.cgsic@cgls.uscg.mil>

All CGSIC:

Cape Canaveral Air Force Station, Fla., ? A United Launch Alliance (ULA) Atlas V rocket successfully launched the 10th Global Positioning System (GPS) IIF satellite for the U.S. Air Force at 11:36 a.m. EDT Wednesday 15 July 2015 from Space Launch Complex-41. GPS IIF-10 is one of the next-generation GPS satellites, incorporating various improvements to provide greater accuracy, increased signals, and enhanced performance for users. A video of the launch can be viewed at <http://www.ulalaunch.com/file-library.aspx?launchEventID=239>

Constellation Changes: The Air Force Second Space Operations Squadron (2 SOPS) indicates that IIF-10, SVN-72/PRN-08, will replace SVN-59 in the C

plane slot C3. SVN-40/PRN-10 will be taken out of the operational constellation prior to SVN-72 payload initialization and sent to Launch, Anomaly and Disposal Operations (LADO). PRN-10 is tentatively scheduled for assignment to IIF-11, launching in October of this year. SVN-40, launched on 15 August 1996, has been in an auxiliary node in the E-plane and successfully served 18.9 years, almost 12 years beyond its designed service life, due to the diligent efforts of the men and women of the U.S. Air Force. SVN-59 will be re-phased from the C3 location to a newly defined C5 node (GLAN = 46?) once SVN-72 is set healthy. SVN-51 completed a re-phase journey from E1 (GLAN = 146?) to an auxiliary node at E7 (GLAN = 60.7?) in June of 2015.

V/R

Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
U.S. Coast Guard Navigation Center
703-313-5930

----- next part -----

A non-text attachment was scrubbed...

Name: smime.p7s

Type: application/x-pkcs7-signature

Size: 5582 bytes

Desc: not available

URL: <<http://cgls.uscg.mil/pipermail/cgsic/attachments/20150717/be5ad159/attachment.bin>>

From cgsic at cgls.uscg.mil Thu Jul 30 14:55:11 2015

From: cgsic at cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))

Date: Thu, 30 Jul 2015 18:55:11 +0000

Subject: CGSIC: FW: CGSIC message: Change of Deputy Chair

Message-ID: <mailman.905.1438282529.6166.cgsic@cgls.uscg.mil>

All CGSIC:

A recent Change Of Command at the U.S. Coast Guard Navigation Center (NAVCEN) brought about a change to the Deputy Chair of the U.S. government's Civil GPS Service Interface Committee (CGSIC). On 24 July 2015, Captain Russell Holmes relieved Captain William Burns as NAVCEN's Commanding Officer and CGSIC Deputy Chair for a tour of duty that will last into 2018. Captain Burns served as Commanding Officer of the Navigation Center and CGSIC Deputy Chair for the last 3 years. He is moving to a new assignment in Coast Guard Headquarters at the Office of Performance Management and Assessment (DCO-81). An insightful, strategic thinker, Captain Burns' contributions to the U.S. civil GPS program will be missed. The CGSIC wishes him well and good luck in all his future endeavors.

V/R

Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
U.S. Coast Guard Navigation Center
703-313-5930

----- next part -----

A non-text attachment was scrubbed...

Name: smime.p7s

Type: application/x-pkcs7-signature
Size: 5582 bytes
Desc: not available
URL: <<http://cgls.uscg.mil/pipermail/cgsic/attachments/20150730/a76ec5a2/attachment.bin>>

From cgsic at cgls.uscg.mil Tue Aug 18 07:13:51 2015
From: cgsic at cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Tue, 18 Aug 2015 11:13:51 +0000
Subject: CGSIC: FW: 55th Meeting of the CGSIC
Message-ID: <mailman.444.1439896435.12601.cgsic@cgls.uscg.mil>

All CGSIC:

As a reminder, the 55th Meeting of the Civil GPS Service Interface Committee (CGSIC) will be held September 14-15, 2015, at the Tampa Convention Center in Tampa, Florida in conjunction with the Institute Of Navigation's Global Navigation Satellite System conference (ION GNSS+ 2015). All CGSIC meetings are free and open at no charge to the public, but attendees pay their own travel, hotel and meal expenses. At the ION link: <https://www.ion.org/gnss/registration.cfm>, "Register Online." Once you create an ION account, necessary to gather information for badging, choose "I am Registering Myself." Choose "Registration Type" from the blue banner across the top and then scroll down to the bottom of the next page to "View Other Options." At the bottom of the next page you will find "Select" for "CGSIC Only" and then complete the registration. If you are registering and paying to attend the ION Conference, CGSIC registration will be included and nothing else is required. I urge you to participate in this meeting for important updates from GPS program officials and to learn about the broad array of GPS-based applications that are available to you. The draft agenda can be seen on the GPS.gov website at <http://www.gps.gov/cgsic/meetings> If you have any new suggestions for the agenda, would like to present a topic, or if you found certain information in past meetings useful and would like to hear more, please contact us via our Navigation Center "contact us" form <http://www.navcen.uscg.gov/?pageName=contactUs>. Please be sure to select "Civil GPS Service Interface Committee (CGSIC)" from the pull-down menu or just send your comments to the Executive Secretariat by e-mail to rick.hamilton@uscg.mil.

V/R

Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
USCG Navigation Center
703-313-5930

----- next part -----

A non-text attachment was scrubbed...

Name: smime.p7s
Type: application/x-pkcs7-signature
Size: 5582 bytes
Desc: not available
URL: <<http://cgls.uscg.mil/pipermail/cgsic/attachments/20150818/00ccab1c/attachment.bin>>

From cgsic at cgls.uscg.mil Tue Aug 18 11:22:57 2015
From: cgsic at cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Tue, 18 Aug 2015 15:22:57 +0000
Subject: CGSIC: FW: Federal Register Notice regarding NDGPS
Message-ID: <mailman.481.1439911446.12601.cgsic@cgls.uscg.mil>

All CGSIC:

The Federal Register has issued a "Notice: Request for Public Comments" from the Coast Guard (USCG), the Transportation Department (DOT), and the Corps of Engineers (USACE) dated 08/18/2015. The Nationwide Differential Global Positioning System (NDGPS) service augments GPS by providing increased accuracy and integrity using land-based reference stations to transmit correction messages over radiobeacon frequencies. The service was implemented through agreements between multiple Federal agencies including the USCG, DOT, and Army Corps of Engineers, as well as several states and scientific organizations, all cooperating to provide the combined national DGPS utility. However, a number of factors have contributed to declining use of NDGPS and, based on an assessment by the Department of Homeland Security, DOT, and USACE, DHS, DOT, and USACE are proposing to shutdown and decommission 62 DGPS sites, which will leave 22 operational sites available to users in coastal areas. This notice seeks public comments on the shutdown and decommissioning of a total of 62 DGPS sites. Termination of the NDGPS broadcast at these sites is planned to occur on January 15, 2016.

You may view the Notice at

<https://www.federalregister.gov/articles/2015/08/18/2015-20401/nationwide-differential-global-positioning-system-ndgps>. See the Notice for details regarding submission of comments. Comments and related material must reach the Docket Management Facility on or before November 16, 2015.

V/R

Rick Hamilton

CGSIC Executive Secretariat

GPS Information Analysis Team Lead

U.S. Coast Guard Navigation Center

703-313-5930

----- next part -----

A non-text attachment was scrubbed...

Name: smime.p7s

Type: application/x-pkcs7-signature

Size: 5582 bytes

Desc: not available

URL: <<http://cgl.uscg.mil/pipermail/cgsic/attachments/20150818/365f8121/attachment.bin>>

From cgsic at cgl.uscg.mil Fri Aug 21 08:21:35 2015

From: cgsic at cgl.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))

Date: Fri, 21 Aug 2015 12:21:35 +0000

Subject: CGSIC: FW: Site Maintenance

Message-ID: <mailman.595.1440159699.12601.cgsic@cgl.uscg.mil>

All CGSIC:

The Navigation Center website (<http://www.navcen.uscg.gov>) will be unavailable for maintenance from 9:00 AM to 11:00 AM EDT on Tuesday, August 25th. We regret any inconvenience.

V/R

Rick Hamilton

CGSIC Executive Secretariat

GPS Information Analysis Team Lead

U.S. Coast Guard Navigation Center
703-313-5930

----- next part -----

A non-text attachment was scrubbed...

Name: smime.p7s

Type: application/x-pkcs7-signature

Size: 5582 bytes

Desc: not available

URL: <<http://cgls.uscg.mil/pipermail/cgsic/attachments/20150821/b5aeda58/attachment.bin>>

From cgsic at cgls.uscg.mil Tue Sep 8 15:38:43 2015

From: cgsic at cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))

Date: Tue, 8 Sep 2015 19:38:43 +0000

Subject: CGSIC: FW: 55th Meeting of the Civil GPS Service Interface
Committee (CGSIC)

Message-ID: <mailman.319.1441741135.4979.cgsic@cgls.uscg.mil>

All CGSIC:

Final preparations are being made to conduct the 55th Meeting of the Civil GPS Service Interface Committee (CGSIC) next week, September 14-15, 2015, at the Tampa Convention Center in Tampa, Florida in conjunction with the Institute Of Navigation's Global Navigation Satellite System conference (ION GNSS+ 2015).

All CGSIC meetings are free and open at no charge to the public, but attendees pay their own travel, hotel and meal expenses. To register for this year's CGSIC meetings, visit the ION link (<https://www.ion.org/gnss/registration.cfm>), and select "Register Online." Once you create an ION account, which is necessary to gather information for badging, choose "I am Registering Myself." Choose "Registration Type" from the blue banner across the top and then scroll down to the bottom of the next page to "View Other Options." At the bottom of the next page you will find "Select" for "CGSIC Only" and then complete the registration. If you are registering and paying to attend the ION Conference, CGSIC registration will be included and nothing else is required. I urge you to participate in this meeting for important updates from GPS program officials and to learn about the broad array of GPS-based applications that are available to you.

The draft agenda can be seen on the GPS.gov website at <http://www.gps.gov/cgsic/meetings> . If you have any new suggestions for discussion, please contact us via our Navigation Center "contact us" form <http://www.navcen.uscg.gov/?pageName=contactUs>. Please be sure to select "Civil GPS Service Interface Committee (CGSIC)" from the pull-down menu or just send your comments to the Executive Secretariat by e-mail to rick.hamilton@uscg.mil.

V/R

Rick Hamilton

CGSIC Executive Secretariat

GPS Information Analysis Team Lead

USCG Navigation Center

703-313-5930

From cgsic at cgls.uscg.mil Thu Sep 10 09:13:58 2015

From: cgsic at cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))

Date: Thu, 10 Sep 2015 13:13:58 +0000

Subject: CGSIC: DOT Federal Register Notice on GPS Adjacent Band
Compatibility Assessment effort with Draft Test Plan.

Message-ID: <mailman.386.1441890846.4979.cgsic@cgls.uscg.mil>

All CGSIC:

The Draft Test Plan for the U.S. Department of Transportation (DOT) GPS Adjacent Band Compatibility Assessment effort was issued in the Federal Register on September 9, 2015. It can be found by clicking the following link: Federal Register Notice docket number [DOT-OST-2015-0099] <https://www.federalregister.gov/articles/2015/09/09/2015-22634/draft-test-plan-to-obtain-interference-tolerance-masks-for-gnss-receivers-in-the-l1-radiofrequency>. The public comment period closes on October 9, 2015.

To access the draft test plan, please click the following link:

http://ntl.bts.gov/lib/55000/55400/55473/Draft_DOT_GPS_Adjacent_Band_Compatibility_Assessment_Test_Plan.pdf.

A public workshop will be held in Washington, DC on Friday October 2, 2015. The purpose of this workshop is to provide an opportunity to discuss the draft test plan and address questions prior to the close of the public comment period. The location will be RTCA NBAA/Colson Room, 1150 18th ST NW, Suite 910, Washington, DC 20036.

Please click the following link to register for the workshop:

<https://volpecenterevents.webex.com/volpecenterevents/onstage/g.php?d=662541655&t=a> .

If you have questions on this notice, contact Stephen M. Mackey, Office of the Assistant Secretary for Research and Technology; Volpe National Transportation Systems Center; Aircraft Wakes and Weather Division, telephone 617-494-2753 or e-mail Stephen.Mackey at dot.gov.

V/R

Rick Hamilton

CGSIC Executive Secretariat

GPS Information Analysis Team Lead

U.S. Coast Guard Navigation Center

703-313-5930

From cgsic at cgls.uscg.mil Tue Sep 29 11:58:55 2015

From: cgsic at cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))

Date: Tue, 29 Sep 2015 15:58:55 +0000

Subject: CGSIC: 55th Civil GPS Service Interface Committee Meeting

Message-ID: <mailman.115.1443542353.4980.cgsic@cgls.uscg.mil>

All CGSIC:

On the 14th and 15th of September, the 55th meeting of the Civil GPS Service Interface Committee (CGSIC) conference was hosted by the U.S. Department of Transportation (DOT) and the U.S. Coast Guard Navigation Center (NAVCEN) at the Tampa Convention Center in Florida. DOT serves as the civil lead for GPS and chairs the CGSIC in this capacity. NAVCEN is assigned duties as Deputy Chair and Executive Secretariat for the CGSIC.

On September 14th, the Timing, States and Local Government, International Information, and Surveying, Mapping, and Geosciences subcommittees of the CGSIC held their meetings. A summary of their subcommittee meetings was presented to the CGSIC Plenary on September 15th.

The Keynote speaker for this year's CGSIC Plenary meeting was the Honorable Gregory Winfree, Assistant Secretary for Research and Technology, at the U.S. Department of Transportation. The agenda for the CGSIC Plenary meeting included presentations on the operational status and modernization of the GPS constellation of satellites, U.S. space-based PNT policy, GPS augmentation systems, and information related to international Global Navigation Satellite Systems.

Several new briefings were part of the Plenary session this year, including presentations from the 19th Space Operations Squadron that provides GPS Launch, Anomaly and Disposal Operations (LADO), from NASA on space missions and their success in using GPS side lobes for space navigation beyond Geostationary orbit, and from Airservices Australia detailing progress in providing a Global Tracking capability in the wake of the missing Air Malaysia MH370 aircraft in the Indian Ocean. The Department of Homeland Security also provided an informative briefing that included discussion of use of Space-Based PNT in Critical Infrastructure and strategies for managing PNT risk.

Many thanks to the 2015 CGSIC speakers for their excellent presentations which always make these meetings valuable and interesting, as well as great questions from the audience. This year, 220 attendees participated in the CGSIC meeting. All CGSIC presentations are available for viewing online via the GPS.gov website: <http://www.gps.gov/cgsic/meetings/> .

Next year's 56th CGSIC meeting will be held at the Portland Convention Center, 12-13 September 2016 in conjunction with the ION GNSS+ 2016 meeting in Portland Oregon. Additionally, the CGSIC States and Local Government Subcommittee will meet on November 19, 2015 in conjunction with a Field Technology for Data Collection in Forestry, Fisheries, and Natural Resources Conference in Portland, Oregon. This meeting will be webcast and details will be circulated prior to the event to foster maximum participation from around the country. The CGSIC International Information Subcommittee will meet on November 16, 2015 in conjunction with the International Symposium on GNSS in Kyoto, Japan.

As a reminder, CGSIC meetings are free and open to the public. Finally, GPS-related inquiries or reports of signal interference/degradation problems can be made to the U.S. Coast Guard Navigation Center <http://www.navcen.uscg.gov/?pageName=gpsUserInput> or 703-313-5900.

V/R
Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
U.S. Coast Guard Navigation Center
703-313-5930

From cgsic at cgls.uscg.mil Fri Oct 16 12:54:00 2015
From: cgsic at cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Fri, 16 Oct 2015 16:54:00 +0000
Subject: CGSIC: FW: Notice of public GPS Interface Control Working Group meeting
Message-ID: <mailman.610.1445014444.4980.cgsic@cgls.uscg.mil>

All CGSIC:

=====

DEPARTMENT OF DEFENSE

Department of the Air Force

Global Positioning System Directorate
(GPSD) Meeting Notice

The Global Positioning System Directorate (GPSD) has issued a Federal Register Notice announcing a 2015 Public Interface Control Working Group and Open Forum for the NAVSTAR GPS public documents.

SUMMARY: This notice informs the public that the Global Positioning System Directorate (GPSD) will host the 2015 Public Interface Control Working Group and Open Forum on 9 and 10 December 2015 for the following NAVSTAR GPS public documents: IS-GPS-200 (Navigation User Interfaces), IS-GPS-705 (User Segment L5 Interfaces), and IS-GPS-800 (User Segment L1C Interface). The purpose of this meeting is to update the public on GPS public document revisions and collect issues/comments for analysis and possible integration into future GPS public document revisions. All outstanding comments on the GPS public documents will be considered along with the comments received at this year's open forum in the next revision cycle. The 2015 Interface Control Working Group and Open Forum are open to the general public. For those who would like to attend and participate, GPSD requests that you register no later than November 23, 2015. Please send the registration information to robyn.anderson.1 at us.af.mil or SMC/PPER at us.af.mil, providing your name, organization, telephone number, mailing and email addresses, and country of citizenship.

Comments will be collected, catalogued, and discussed as potential inclusions to the version following the current release. If accepted, these changes will be processed through the formal directorate change process for IS-GPS-200, IS-GPS-705, and IS-GPS-800. All comments must be submitted in a Comments Resolution Matrix (CRM). These forms along with current versions of the documents and the official meeting notice are posted at: <http://www.gps.gov/technical/icwg/>. Please submit comments to the SMC/GPS Requirements (SMC/PPER) mailbox at SMC/PPER at us.af.mil or to Bruce Charest at bruce.charest at us.af.mil by November 23, 2015. Special topics may also be considered for the Public Open Forum. If you wish to present a special topic, please coordinate with SMC/PPER or Capt Robyn Anderson no later than November 23, 2015. For more information, please contact Capt Robyn Anderson at 310-653-3064 or Daniel Godwin at 310-653-3640.

MEETING DATES: Date/Time: 9-10 Dec. 2015, 0830-1600 * (Pacific Standard Time P.S.T.).
Registration/check-in on 9 Dec. 2015 will begin at 0800 hours.

ADDRESSES:

Salient Facility: * 121 North Douglas Street, El Segundo, CA 90245, Rooms 3 & 4.
Dial-In Information and Location:
Phone Number: 1-310-653-0103. Code: 1040#.

* Identification will be required at the entrance of the Salient facility (e.g., Passport, state ID or Federal ID).
Salient Facility Phone Number: 1-424-666-3395.

FOR FURTHER INFORMATION CONTACT:

Captain Robyn Anderson, robyn.anderson.1 at us.af.mil, (310) 653-3064.
Daniel Godwin, daniel.godwin.5 at us.af.mil, (310) 653-3640.

The full FRN can be found at <http://www.gpo.gov/fdsys/pkg/FR-2015-10-13/pdf/2015-25917.pdf>
V/R

Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
U.S. Coast Guard Navigation Center
703-313-5930

From cgsic at cgls.uscg.mil Tue Oct 20 10:16:17 2015
From: cgsic at cgls.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Tue, 20 Oct 2015 14:16:17 +0000

Subject: CGSIC: Next GPS Satellite Launch
Message-ID: <mailman.652.1445350581.4980.cgsic@cgl.uscg.mil>

All CGSIC:

On October 30, the Air Force plans to launch the eleventh satellite in the Block IIF series of modernized GPS spacecraft. The GPS IIF satellites feature new clocks, new civil and military signals, and other upgrades for enhanced accuracy and robustness. The Air Force has produced 12 IIF satellites and plans to launch the final IIF satellite in February of 2016. Currently, there are 31 GPS satellites in operational service, including 10 Block IIF satellites and 21 spacecraft from previous generations. To learn more about the GPS constellation, go to www.GPS.gov <<http://www.gps.us9.list-manage2.com/track/click?u=5ec6892f7dfb065c95b8bdd80&id=a0868112c7&e=8120c9772e>>

Date/Site/Launch Time: Friday, Oct. 30, 2015, from Space Launch Complex-41 at Cape Canaveral Air Force Station, Florida. 18 minute launch window opens at 1623Z, 1223 EST.

Rocket/Payload: A United Launch Alliance Atlas V 401 will launch the GPS IIF-11 mission for the U.S. Air Force.

Launch Updates: To keep up to speed with updates to the launch countdown, dial the ULA launch hotline at 1-877-852-4321 or join the conversation at www.facebook.com/ulalaunch, twitter.com/ulalaunch and [instagram.com/ulalaunch](https://www.instagram.com/ulalaunch); hashtags #GPSIIF11 and #AtlasV.

Constellation Changes: The Air Force Second Space Operations Squadron (2 SOPS) indicates that IIF-11, SVN-73/PRN-10, will replace SVN-47 in the E plane slot E2. SVN-34/PRN-04 will be taken out of the operational constellation prior to SVN-73 payload initialization and sent to Launch, Anomaly Resolution, and Disposal Operations (LADO). PRN-04 is tentatively scheduled for assignment to IIF-12, launching in February of next year. SVN-34, launched on 25 Oct 1993, has been in an auxiliary node in the D-plane and successfully served ~22 years, almost 15 years beyond its designed service life, due to the diligent efforts of the men and women of the U.S. Air Force. SVN-47 will be re-phased from the E2 location to a newly defined E5 node (GLAN = 160?) once SVN-73 is set healthy."

V/R

Rick Hamilton
CGSIC Executive Secretariat
GPS Information Analysis Team Lead
U.S. Coast Guard Navigation Center
703-313-5930

From cgsic at cgl.uscg.mil Fri Nov 13 15:53:43 2015
From: cgsic at cgl.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))
Date: Fri, 13 Nov 2015 20:53:43 +0000
Subject: CGSIC: FW: Upcoming CGSIC Regional Meetings
Message-ID: <mailman.415.1447448052.5010.cgsic@cgl.uscg.mil>

All CGSIC:

A meeting of the CGSIC International Information Subcommittee will be conducted in conjunction with the International Symposium on GNSS (IS-GNSS 2015) November 16, 2015 at the Miyakomesse in Kyoto, Japan. For details on the agenda, you can visit the conference website: <http://www.isgnss2015.org/>

The CGSIC State and Local Government Subcommittee will meet on November 19th in conjunction with the 2015 Field Technology for Data Collection in Forestry, Fisheries, and Natural Resources Conference at the Holiday Inn Portland Airport, Portland, OR. The meeting will be webcast and details will be circulated prior to the event to foster maximum participation from around the country. Details of the conference agenda can be found at the conference website: <http://westernforestry.org/upcoming-conferences/5th-annual-field-technology-for-data-collection-and-mapping-in-forestry-and-natural-resources/>

All CGSIC meetings are free and open to the public.

V/R

Rick Hamilton

CGSIC Executive Secretariat

GPS Information Analysis Team Lead

U.S. Coast Guard Navigation Center

703-313-5930

From cgsic at cgl.uscg.mil Fri Nov 13 16:10:08 2015

From: cgsic at cgl.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))

Date: Fri, 13 Nov 2015 21:10:08 +0000

Subject: CGSIC: FW: Upcoming CGSIC Regional Meetings

Message-ID: <mailman.418.1447449011.5010.cgsic@cgl.uscg.mil>

All CGSIC:

Apologies to all. Something happened to the web links below. While they may still work for some, others may find the links to be corrupted so I am forwarding you the original URLs for these CGSIC regional meetings with the hyper-links removed.

CGSIC International Information Subcommittee at the International Symposium on GNSS 2015:

www.isgnss2015.org

CGSIC States and Local Government Subcommittee at the 5th-annual-field-technology-for-data-collection-and-mapping-in-forestry-and-natural-resources:

www.westernforestry.org/upcoming-conferences/5th-annual-field-technology-for-data-collection-and-mapping-in-forestry-and-natural-resources

V/R

Rick Hamilton

CGSIC Executive Secretariat

GPS Information Analysis Team Lead

U.S. Coast Guard Navigation Center

703-313-5930

-----Original Message-----

From: CGSIC [mailto:cgsic-bounces at cgl.uscg.mil] On Behalf Of Civil Global Positioning System Service Interface Committee (CGSIC)

Sent: Friday, November 13, 2015 3:54 PM

To: 'cgsic at cgl.uscg.mil'

Subject: CGSIC: FW: Upcoming CGSIC Regional Meetings

All CGSIC:

A meeting of the CGSIC International Information Subcommittee will be conducted in conjunction with the International Symposium on GNSS (IS-GNSS 2015) November 16, 2015 at the Miyakomesse in Kyoto, Japan. For details on the agenda, you can visit the conference website:

[https://urldefense.proofpoint.com/v2/url?u=http-](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.isgnss2015.org_&d=BQICAg&c=0NKfg44GVknAU-XkWXjNxBQ&r=159wwgNv_AUt1W84wsFA17nAIXRnwvgrNGODJaYEnEM&m=3sFHkn7jwk58pe2RNINxeRpLca1AaSUFnb70DU_HWJU&s=zFTJNuKL6Oi6TUmrxFu9vj181GH-KNC7ZUoKO7BfJIE&e=)

[3A__www.isgnss2015.org_&d=BQICAg&c=0NKfg44GVknAU-](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.isgnss2015.org_&d=BQICAg&c=0NKfg44GVknAU-XkWXjNxBQ&r=159wwgNv_AUt1W84wsFA17nAIXRnwvgrNGODJaYEnEM&m=3sFHkn7jwk58pe2RNINxeRpLca1AaSUFnb70DU_HWJU&s=zFTJNuKL6Oi6TUmrxFu9vj181GH-KNC7ZUoKO7BfJIE&e=)

[XkWXjNxBQ&r=159wwgNv_AUt1W84wsFA17nAIXRnwvgrNGODJaYEnEM&m=3sFHkn7jwk58pe2R](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.isgnss2015.org_&d=BQICAg&c=0NKfg44GVknAU-XkWXjNxBQ&r=159wwgNv_AUt1W84wsFA17nAIXRnwvgrNGODJaYEnEM&m=3sFHkn7jwk58pe2RNINxeRpLca1AaSUFnb70DU_HWJU&s=zFTJNuKL6Oi6TUmrxFu9vj181GH-KNC7ZUoKO7BfJIE&e=)

[NINxeRpLca1AaSUFnb70DU_HWJU&s=zFTJNuKL6Oi6TUmrxFu9vj181GH-KNC7ZUoKO7BfJIE&e=](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.isgnss2015.org_&d=BQICAg&c=0NKfg44GVknAU-XkWXjNxBQ&r=159wwgNv_AUt1W84wsFA17nAIXRnwvgrNGODJaYEnEM&m=3sFHkn7jwk58pe2RNINxeRpLca1AaSUFnb70DU_HWJU&s=zFTJNuKL6Oi6TUmrxFu9vj181GH-KNC7ZUoKO7BfJIE&e=)

The CGSIC State and Local Government Subcommittee will meet on November 19th in conjunction with the 2015 Field Technology for Data Collection in Forestry, Fisheries, and Natural Resources Conference at the Holiday Inn Portland Airport, Portland, OR. The meeting will be webcast and details will be circulated

prior to the event to foster maximum participation from around the country. Details of the conference agenda can be found at the conference website: https://urldefense.proofpoint.com/v2/url?u=http-3A__westernforestry.org_upcoming-2Dconferences_5th-2Dannual-2Dfield-2Dtechnology-2Dfor-2Ddata-2Dcollection-2Dand-2Dmapping-2Din-2Dforestry-2Dand-2Dnatural-2Dresources_&d=BQICAg&c=0NKfg44GVknAU-XkWXjNxQ&r=159wwgNv_AUt1W84wsFA17nAlXRnvwgRNGODJaYEnEM&m=3sFHkn7jwk58pe2RNINxeRpLca1AaSufnb70DU_HWJU&s=X04VUyyZDOu4hjs62FfF_pZLO0FmRAQrOmFsJXHNhUw&e
=

All CGSIC meetings are free and open to the public.

V/R

Rick Hamilton

CGSIC Executive Secretariat

GPS Information Analysis Team Lead

U.S. Coast Guard Navigation Center

703-313-5930

CGSIC one-way mailing list

Unsubscribe: <http://www.navcen.uscg.gov/?pageName=listserverunsubscribe&svr=cgsic>

From cgsic at cgl.uscg.mil Thu Dec 10 07:25:55 2015

From: cgsic at cgl.uscg.mil (Civil Global Positioning System Service Interface Committee (CGSIC))

Date: Thu, 10 Dec 2015 12:25:55 +0000

Subject: CGSIC: FW: New NANU 2015093

Message-ID: <mailman.402.1449750361.6146.cgsic@cgl.uscg.mil>

All CGSIC:

The Air Force Second Space Operations Squadron (2 SOPS) indicates that IIF-11, SVN-73/PRN-10 has been set healthy and is fully operational. SVN-73 has replaced SVN-47 in the E plane slot E2. SVN-47 is now being re-phased from the E2 location to a newly defined E5 node (GLAN = 160?) and is expected to arrive there sometime in April 2016. SVN-34/PRN-04 has been taken out of the operational constellation and sent to Launch, Anomaly Resolution, and Disposal Operations (LADO). PRN-04 is tentatively scheduled for assignment to IIF-12, launching in February of next year.

=====
=====

-----Original Message-----

From: NANU [mailto:nanu-bounces@cgl.uscg.mil] On Behalf Of TIS-PF-NISWS

Sent: Tuesday, December 08, 2015 8:25 PM

To: NANU list server

Subject: New NANU 2015093

NOTICE ADVISORY TO NAVSTAR USERS (NANU) 2015093

SUBJ: SVN73 (PRN10) USABLE JDAY 343/0116

1. NANU TYPE: USABINIT

NANU NUMBER: 2015093

NANU DTG: 090106Z DEC 2015

REFERENCE NANU: N/A

REF NANU DTG: N/A

SVN: 73

PRN: 10

START JDAY: 343
START TIME ZULU: 0116
START CALENDAR DATE: 09 DEC 2015
STOP JDAY: N/A
STOP TIME ZULU: N/A
STOP CALENDAR DATE: N/A

2. CONDITION: GPS SATELLITE SVN73 (PRN10) WAS USABLE AS OF JDAY 343 (09 DEC 2015) BEGINNING 0116 ZULU.

3. POC: CIVILIAN - NAVCEN AT 703-313-5900, [HTTP://WWW.NAVCEN.USCG.GOV](http://www.navcen.uscg.gov)
MILITARY - GPS OPERATIONS CENTER at [HTTPS://GPS.AFSPC.AF.MIL/GPSOC](https://gps.afspc.af.mil/gpsoc), DSN 560-2541,
COMM 719-567-2541, gpsoperationscenter@us.af.mil,
[HTTPS://GPS.AFSPC.AF.MIL](https://gps.afspc.af.mil)
MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-3514,
COMM 805-606-3514, [JSPOCCOMBATOPS@VANDENBERG.AF.MIL](mailto:jspoccombatops@vandenberga.af.mil)

To unsubscribe, visit:

<http://www.navcen.uscg.gov/?pageName=listserverunsubscribe&srvr=Nanu>

----- next part -----

A non-text attachment was scrubbed...

Name: smime.p7s

Type: application/x-pkcs7-signature

Size: 5582 bytes

Desc: not available

URL: <<http://cgl.uscg.mil/pipermail/cgsic/attachments/20151210/6c43c29e/attachment.bin>>