INTERFACE REVISION NOTICE (IRN)

Note: This Summary Signature Page is to be used after all signatories have signed separate Signature Pages.

<table>
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<th>Affected ICD: ICD-GPS-870 Rev B</th>
<th>IRN Number : IRN-870B-003</th>
<th>Date: 06-SEP-2017</th>
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<td>Authority: RFC-00351</td>
<td>PIRN Number: PIRN-870B-003</td>
<td>Date: 02-AUG-2017</td>
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CLASSIFIED BY: N/A
DECLASSIFY ON: N/A

Document Title: NAVSTAR Next Generation GPS Operational Control Segment (OCX) to User Support Community Interface

Reason For Change (Driver):
Currently the Operational Advisories (OA) that are published and archived contain plane/slot descriptions that are not in agreement with the constellation definition provided to the public in the Standard Positioning Service Performance Standard (SPSPS). The OA does not have the capability to correctly publish information regarding fore/aft position since moving to the 24+3 constellation with three expanded slots.

Description of Change:
Modify public documents to rectify OA discrepancy as suggested by Public Interface Control Working Group (ICWG) participants, stakeholders, and key members.

GPS directorate is proposing to remove OA section 1, Satellites, Planes, and Clocks (CS=Cesium RB=Rubidium) in ICD-GPS-870 for Public ICWG 2018. RFC-351 will just be addressing United States Coast Guard (USCG)/Admin comments (mostly to update POC contact info).

Prepared By: Amit Patel
Checked By: Huey Nguyenhuu

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<th>AUTHORIZED SIGNATURES</th>
<th>REPRESENTING</th>
<th>DATE</th>
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</table>
| A. Patel              | GPS Directorate  
Space & Missile Systems Center (SMC) – LAAFB | 8 JAN 18 |

See Section XX OR See Next Page

Department of Homeland Security (DHS), United States Coast Guard (USCG), Navigation Center (NAVCEN)

See Section XX OR See Next Page

Department of Transportation (DOT), Federal Aviation Administration (FAA)

See Section XX OR See Next Page

Raytheon Company

See Section XX OR See Next Page

HQ Air Force Space Command (AFSPC/50 OG)

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THIS DOCUMENT SPECIFIES TECHNICAL REQUIREMENTS AND NOTHING HEREIN CONTAINED SHALL BE DEEMED TO ALTER THE TERMS OF ANY CONTRACT OR PURCHASE ORDER BETWEEN ALL PARTIES AFFECTED.
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REASON FOR CHANGE (DRIVER):
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APPROVED:

With Comments: Yes ☐ No ❌

With Exceptions: Yes ☐ No ❌

Coast Guard Navigation Center

Name of Approving Organization: 8 Dec 2017

Authorized Signature

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Interface Control Contractor:
Engility (GPS SE&I)
200 N. Sepulveda Blvd., Suite 1800
El Segundo, CA 90245
CODE IDENT 66RP1
INTERFACE REVISION NOTICE (IRN)

Note: Repeat this Signature Page for each document signatory.

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APPROVED:

With Comments: Yes ☐ No ☒

With Exceptions: Yes ☐ No ☒

Ha Nguyen
8 Jan 2018

Name of Approving Organization
Authorized Signature
Date

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With Exceptions: Yes ☐ No ☐

Name of Approving Organization
Authorized Signature
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<td>Adam Edwards</td>
<td>7 DEC 17</td>
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**Interface Control Contractor:**
Engility (GPS SE&I)  
200 N. Sepulveda Blvd., Suite 1800  
El Segundo, CA 90245  

**CODE IDENT:** 66RP1
ICD870-651:

Section Number:
3.1.0-1

WAS:
CS Effectivity: 10
System Verification Method: Demonstration

Redlines:
CS Effectivity: 10N/A
System Verification Method: Demonstration N/A

IS:
CS Effectivity: N/A
System Verification Method: N/A

ICD870-94:

Section Number:
10.1.1.0-5

WAS:

NOTICE ADVISORY TO NAVSTAR Users (NANU) YYYYSSS

SUBJ: SVNXX (PRNXX) FORECAST OUTAGE J DAY JJJJ / HHMM - J DAY JJJJ / HHMM

1. NANU TYPE: FCSTDV
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: N/A
   REF NANU DTG: N/A
   SVN: XXX
   PRN: XX
   START J DAY: JJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: JJJ
   STOP TIME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXX (PRNXX) WILL BE UNUSABLE ON J DAY JJJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL J DAY JJJJ (DD MMM YYYY) ENDING HHMM ZULU.

3. POC: CIVILIAN - NAVCEN AT 703-313-5900, HTTP://WWW.NAVCEN.USCG.GOV
   CIVIL AVIATION - FAA National Operations Control Center
   MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541,
   COMM 719-567-2493, GPS_SUPPORT@SCHRIEVER.AF.MIL HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JCI NT SPACE OPERATIONS CENTER, DSN 276-9994,
   COMM 805-606-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL
Redlines:
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXX (PRNXX) FORECAST OUTAGE JDAY JJJ/JHHMM - J DAY JJJ/JHHMM
1. NANU TYPE: FCSTDV
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: N/A
   REF NANU DTG: N/A
   SVN: XXX
   PRN: XX
   START J DAY: JJJ
   START TIME ZULU: HHHH
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: JJJ
   STOP TIME ZULU: HHHH
   STOP CALENDAR DATE: DD MMM YYYY
2. CONDITION: GPS SATELLITE SVNXX (PRNXX) WILL BE UNUSABLE ON J DAY JJJ
   (DD MMM YYYY) BEGINNING HHHH ZULU UNTIL J DAY JJJ (DD MMM YYYY) ENDING HHHH ZULU.
3. POC: CIVIL NON-AVIATION NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV,
   CIVIL AVIATION FAA Satellite Operations Group at 540-422-4178,
   HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/NAS/GPS_REPORTS/,
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2493,
   GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTPS://WWW.SCHRIEVER.AF.MIL/GPS,
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCOMBATOPS@VANDENBERG.AF.MIL

IS:
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXX (PRNXX) FORECAST OUTAGE JDAY JJJ/JHHMM - J DAY JJJ/JHHMM
1. NANU TYPE: FCSTDV
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: N/A
   REF NANU DTG: N/A
   SVN: XXX
   PRN: XX
   START J DAY: JJJ
   START TIME ZULU: HHHH
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: JJJ
   STOP TIME ZULU: HHHH
   STOP CALENDAR DATE: DD MMM YYYY
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   HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/NAS/GPS_REPORTS/,
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2493,
   GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTPS://WWW.SCHRIEVER.AF.MIL/GPS,
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXXX (PRNXX) FORECAST OUTAGE JDAY JJJ/JHHMM - JDAY JJJ/JHHMM
1. NANU TYPE: FCSTMK
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: N/A
   REF NANU DTG: N/A
   SVN: XXX
   PRN: XX
   START J DAY: JJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: JJJ
   STOP TIME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXXX (PRNXX) WILL BE UNUSABLE ON JDAY JJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL JDAY JJJ (DD MMM YYYY)
   ENDING HHMM ZULU.

3. POC: CIVIL - NAVCEN at 703-313-5900, HTTP://WWW.NAVCEN.USCG.GOV
   CIVIL AVIATION - FAA National Operations Control Center
   MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541,
   COMM 719-567-2493, GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994,
   COMM 805-606-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL

Redlines:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXXX (PRNXX) FORECAST OUTAGE JDAY JJJ/JHHMM - JDAY JJJ/JHHMM
1. NANU TYPE: FCSTMK
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: N/A
   REF NANU DTG: N/A
   SVN: XXX
   PRN: XX
   START J DAY: JJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: JJJ
   STOP TIME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXXX (PRNXX) WILL BE UNUSABLE ON JDAY JJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL JDAY JJJ (DD MMM YYYY)
   ENDING HHMM ZULU.

3. POC: CIVIL - NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV
   CIVIL AVIATION - FAA Satellite Operations Group at 540-422-4178,
   HTTPS://WWW.FAA.GOV/AIR TRAFFIC/NAS/GPS REPORTS/
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2493,
   GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL
IS:

NOTICE ADVISORY TO NAVSTAR USERS (NANU): YYYYSSS
SUB: SVNXXX (PRNXX) FORECAST OUTAGE J DAY JJJJ/HHMM - J DAY JJJJ/HHMM

1. NANU TYPE: FCSTAK
   NANU NUMBER: YYYYSSS
   NANU DTG: DDDHHMME MMM YYYY
   REFERENCE NANU: N/A
   REF NANU DTG: N/A
   SVN: XXX
   PRN: XX
   START J DAY: JJJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: JJJJ
   STOP TIME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXX (PRNXX) WILL BE UNUSABLE ON J DAY JJJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL J DAY JJJJ (DD MMM YYYY)
   ENDING HHMM ZULU.

3. POC: CIVIL AVIATION - NAVcen at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV
   CIVIL AVIATION - FAA Satellite Operations Group at 540-422-4178,
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2493,
   MILITARY ALTERNATE - JSTP SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL

ICD870-98:

Section Number:
10.1.1.0-9

WAS:

NOTICE ADVISORY TO NAVSTAR USERS (NANU): YYYYSSS
SUB: SVNXXX (PRNXX) FORECAST OUTAGE EXTENDED UNTIL FURTHER NOTICE

1. NANU TYPE: FCSTEXTD
   NANU NUMBER: YYYYSSS
   NANU DTG: DDDHHMME MMM YYYY
   REFERENCE NANU: YYYYNNN
   REF NANU DTG: DDDHHMME MMM YYYY
   SVN: XXX
   PRN: XX
   START J DAY: JJJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: UFN
   STOP TIME ZULU: N/A
   STOP CALENDAR DATE: N/A

2. CONDITION: THE FORECAST OUTAGE FOR GPS SATELLITE SVNXXX (PRNXX) IS EXTENDED UNTIL
   FURTHER NOTICE.

3. POC: CIVILIAN - NAVcen at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV
   CIVIL AVIATION - FAA National Operations Control Center
   MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2493,
   MILITARY ALTERNATE - JSTP SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXXX (PRNXXX) FORECAST OUTAGE EXTENDED UNTIL FURTHER NOTICE

1. NANU TYPE: FCSTEXTD
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: YYYYNNN
   REF NANU DTG: DDHHMMZ MMM YYYY
   SVN XXX
   PRN XX
   START JDAY: JJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP JDAY: UFN
   STOP TIME ZULU: N/A
   STOP CALENDAR DATE: N/A

2. CONDITION: THE FORECAST OUTAGE FOR GPS SATELLITE SVNXXX (PRNXXX) IS EXTENDED UNTIL FURTHER NOTICE.

3. POC: CIVIL NON-AVIATION - NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV,
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   DSN 560-2541, COMM 719-567-2493,
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   JSPOCCOMBATOPS@VANDENBERG.AF.MIL

IS:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXXX (PRNXXX) FORECAST OUTAGE EXTENDED UNTIL FURTHER NOTICE

1. NANU TYPE: FCSTEXTD
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: YYYYNNN
   REF NANU DTG: DDHHMMZ MMM YYYY
   SVN XXX
   PRN XX
   START JDAY: JJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP JDAY: UFN
   STOP TIME ZULU: N/A
   STOP CALENDAR DATE: N/A

2. CONDITION: THE FORECAST OUTAGE FOR GPS SATELLITE SVNXXX (PRNXXX) IS EXTENDED UNTIL FURTHER NOTICE.

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   https://www.faa.gov/air_traffic/nas/gps_reports/,
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC,
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   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXXX (PRNXXX) FORECAST OUTAGE SUMMARY JDAY JJJJ/HHMM - JDAY JJJJ/HHMM
1. NANU TYPE: FCSTSUMM
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: YYYYNNN
   REF NANU DTG: DDHHMMZ MMM YYYY
   SVN: XXX
   PRN: XX
   START JDAY: JJJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP JDAY: JJJJ
   STOP TIME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXXX (PRNXXX) WAS UNUSABLE ON JDAY JJJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL JDAY JJJJ (DD MMM YYYY)
   ENDING HHMM ZULU.

3. POC: CIVIL AVIATION - NAVCEN at 703-313-5900, HTTP://WWW.NAVCEN.USCG.GOV
   CIVIL AVIATION - FAA National Operations Control Center
   MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541,
   COMM 719-567-2493, GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994,
   COMM 805-606-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL

Redlines:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXXX (PRNXXX) FORECAST OUTAGE SUMMARY JDAY JJJJ/HHMM - JDAY JJJJ/HHMM
1. NANU TYPE: FCSTSUMM
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: YYYYNNN
   REF NANU DTG: DDHHMMZ MMM YYYY
   SVN: XXX
   PRN: XX
   START JDAY: JJJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP JDAY: JJJJ
   STOP TIME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXXX (PRNXXX) WAS UNUSABLE ON JDAY JJJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL JDAY JJJJ (DD MMM YYYY)
   ENDING HHMM ZULU.

3. POC: CIVIL AVIATION - NAVCEN at 703-313-5900, HTTP://WWW.NAVCEN.USCG.GOV
   CIVIL AVIATION - FAA Satellite Operations Group at 540-422-4178,
   HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/NAS/GPS_REPORTS/
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2493,
   GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXX (PRNXX) FORECAST OUTAGE SUMMARY JDAY JJJJ/HHMM - JDAY JJJJ/HHMM
1. NANU TYPE: FCSTSUMM
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: YYYYNNN
   REF NANU DTG: DDHHMMZ MMM YYYY
   SVN: XXX
   PRN: XX
   START JDAY: JJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP JDAY: JJJ
   STOP TIME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY
2. CONDITION: GPS SATELLITE SVNXX (PRNXX) WAS UNUSABLE ON JDAY JJJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL JDAY JJJJ (DD MMM YYYY)
   ENDING HHMM ZULU.
3. POC: CIVIL AVIATION - NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV,
   CIVIL AVIATION - FAA Satellite Operations Group at 540-422-4178,
   https://www.faa.gov/air_traffic/nas/gps_reports/
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC,
   DSN 560-2541, COMM 719-567-2493,
   GPS SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS,
   MILITARY ALTERNATE - Joint Space Operations Center, DSN 276-9994, COMM 805-606-9994,
   JSPOC@VANDENBERG.AF.MIL
NOTICE ADMI SORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXXX (PRNXXX) FORECAST OUTAGE CANCELLED
1.     NANU TYPE: FCSTCANC
NANU NUMBER: YYYYSSS
NANU DTG: DDHHMZ MMM YYYY
REFERENCE NANU: YYYYNNN
REF NANU DTG: DDHHMZ MMM YYYY
SVN: XXX
PRN: XX
START J DAY: JJJ
START TIME ZULU: HHMM
START CALENDAR DATE: DD MMM YYYY
STOP J DAY: CANCELLED
STOP TIME ZULU: N/A
STOP CALENDAR DATE: N/A
2.  COND I TION: THE FORECAST OUTAGE FOR GPS SATELLITE SVNXXX (PRNXXX) SCHEDULED FOR
J DAY JJJ (DD MMM YYYY) BEGINNING HHMM ZULU HAS BEEN CANCELLED.
3.  POC: CIVIL AVIATION - NAVCEN at 703-313-5900, HTTP://WWW.NAVCEN.USCG.GOV
CIVIL AVIATION - FAA National Operations Control Center
MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541,
COMM 719-567-2493, GPS_SUPPORT@AFSPC.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994,
COMM 805-606-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL
IS:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS

SUBJ: SVNXXX (PRNXXX) FORECAST OUTAGE CANCELLED

1. NANU TYPE: FCSTCANC
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: YYYYNNN
   REF NANU DTG: DDHHMMZ MMM YYYY
   SVN: XXX
   PRN: XX
   START J DAY: JJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: CANCELLED
   STOP TIME ZULU: N/A
   STOP CALENDAR DATE: N/A

2. CONDITION: THE FORECAST OUTAGE FOR GPS SATELLITE SVNXXX (PRNXXX) SCHEDULED FOR J DAY JJJ (DD MMM YYYY) BEGINNING HHMM ZULU HAS BEEN CANCELLED.

3. POC: CIVIL NON-AVIATION - NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV,
   CIVIL AVIATION - FAA Satellite Operations Group at 540-422-4178,
   HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/HAS/GPS/REPORTS/,
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2493,
   GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS,
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS

SUBJ: SVNXX (PRNXX) FORECAST OUTAGE RESCHEDULED

1. NANU TYPE: FCSTRESCD
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: YYYYNNN
   REF NANU DTG: DDHHMMZ MMM YYYY
   SVN: XXX
   PRN: XX
   START [DAY: JJJ]
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP [DAY: JJJ]
   STOP TIME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXX (PRNXX) WILL BE UNUSABLE ON [DAY JJJ]
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL [DAY JJJ] (DD MMM YYYY)
   ENDING HHMM ZULU. PLEASE REFER TO NANU NUMBER YYYYNNN
   DTG DDHHMMZ MMM YYYY FOR THE ORIGINAL OUTAGE TIME.

3. POC: CIVIL NAVSTAR - NAVcen at 703-313-5900, HTTP://WWW.NAVCEN.USCG.GOV
   CIVIL NAVSTAR - FAA Satellite Operations Group at 540-422-4178,
   HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/NAS/GPS_REPORTS
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC
   DNS 560-2541, COMM 719-567-2493,
   GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DNS 276-9994,
   COMM 805-606-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL

Redlines:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS

SUBJ: SVNXX (PRNXX) FORECAST OUTAGE RESCHEDULED

1. NANU TYPE: FCSTRESCD
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: YYYYNNN
   REF NANU DTG: DDHHMMZ MMM YYYY
   SVN: XXX
   PRN: XX
   START [DAY: JJJ]
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP [DAY: JJJ]
   STOP TIME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXX (PRNXX) WILL BE UNUSABLE ON [DAY JJJ]
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL [DAY JJJ] (DD MMM YYYY)
   ENDING HHMM ZULU. PLEASE REFER TO NANU NUMBER YYYYNNN
   DTG DDHHMMZ MMM YYYY FOR THE ORIGINAL OUTAGE TIME.

3. POC: CIVIL NAVSTAR - NAVcen at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV
   CIVIL NAVSTAR - FAA Satellite Operations Group at 540-422-4178,
   HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/NAS/GPS_REPORTS
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC
   DNS 560-2541, COMM 719-567-2493,
   GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DNS 276-9994,
   COMM 805-606-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS: NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS

SUBJ: SVNXXX (PRNXX) FORECAST OUTAGE RESCHEDULED

1. NANU TYPE: FCSTRESCD
   - NANU NUMBER: YYYYSSS
   - NANU DTG: DDHHMMZ MMM YYYY
   - REFERENCE NANU: YYYYNNN
   - REF NANU DTG: DDHHMMZ MMM YYYY
   - SVN: XXX
   - PRN: XX
   - START J DAY: JJ
   - START TIME ZULU: HHMM
   - START CALENDAR DATE: DD MMM YYYY
   - STOP J DAY: JJ
   - STOP TIME ZULU: HHMM
   - STOP CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXXX (PRNXXX) WILL BE UNUSABLE ON J DAY JJ
   - DD MMM YYYY, BEGINNING HHMM ZULU UNTIL J DAY JJ (DD MMM YYYY)
   - ENDING HHMM ZULU. PLEASE REFERENCE NANU NUMBER YYYYNNN.
   - DTG DDHHMMZ MMM YYYY FOR THE ORIGINAL OUTAGE TIME.

3. POC: CIVIL AVIATION - NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV,
   - FAI Satellite Operations Group at 540-422-4178, HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/NAS/GPS_REPORTS/,
   - MIlitary - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2493,
   - GPS SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS,
   - Military Alternate - Joint Space Operations Center, DSN 276-9994, COMM 805-606-9994,
   - JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NAVSTAR) YYYYSSS

SUBJ: SVNXXX (PRNXXX) FORECAST OUTAGE J DAY JJJJ/HHMM - UNTIL FURTHER NOTICE

1. NAVSTAR TYPE: FCSTUUFN
   NAVSTAR NUMBER: YYYYSSS
   NAVSTAR DTG: DDHHMMZ MMM YYYY
   REFERENCE NAVSTAR: N/A
   REF NAVSTAR DTG: N/A
   SVN: XXX
   PRN: XX
   START J DAY: JJJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: UFN
   STOP TiME ZULU: N/A
   STOP CALENDAR DATE: N/A

2. CONDITION: GPS SATELLITE SVN XXX (PRN XX) WILL BE UNUSABLE NO EARLIER THAN J DAY JJJJ (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL FURTHER NOTICE.

3. POC: CIVIL AVIATION - NAVCEN at 703-313-5900, HTTP://WWW.NAVCEN.USCG.GOV
   CIVIL AVIATION - FAA National Operations Control Center
   MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541,
   COMM 719-567-2493, GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994,
   COMM 805-806-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL
**NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS**

**SUBJ:** SVNXXX (PRNXX) FORECAST OUTAGE JDAY YYYY/HHMM - UNTIL FURTHER NOTICE

1. **NANU TYPE:** FCSTUUFN  
   **NANU NUMBER:** YYYYSSS  
   **NANU DTG:** DDHHMMZ MMM YYYY  
   **REFERENCE NANU:** N/A  
   **REF NANU DTG:** N/A  
   **SVN:** XXX  
   **PRN:** XX  
   **START JDAY:** JJJ  
   **START TIME ZULU:** HHMM  
   **START CALENDAR DATE:** DD MMM YYYY  
   **STOP JDAY:** UFN  
   **STOP TIME ZULU:** N/A  
   **STOP CALENDAR DATE:** N/A

2. **CONDITION:** GPS SATELLITE SVNXXX (PRNXX) WILL BE UNUSABLE NO EARLIER THAN JDAY JJJ  
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL FURTHER NOTICE.

3. **POC:** CIVIL NON-AVIATION - NAVCEN at 703-313-5900, [HTTPS://WWW.NAVCEN.USCG.GOV](https://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 719-567-2493, [GPS_SUPPORT@SCHRIEVER.AF.MIL](mailto:GPS_SUPPORT@SCHRIEVER.AF.MIL),  
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994, [JSPOCCOMBATOPS@VANDENBERG.AF.MIL](mailto:JSPOCCOMBATOPS@VANDENBERG.AF.MIL)
ICD870-113:

Section Number:
10.1.2.0-5

WAS:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXX (PRNXX) UNUSABLE J DAY JJJ/HHMM - UNTIL FURTHER NOTICE

1. NANU TYPE: UNUSUFN
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMM Z MMM YYYY
   REFERENCE NANU: N/A
   REF NANU DTG: N/A
   SVN: XXX
   PRN: XX
   START J DAY: JJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: UFN
   STOP TIME ZULU: N/A
   STOP CALENDAR DATE: N/A

2. CONDITION: GPS SATELLITE SVNXX (PRNXX) WILL BE UNUSABLE ON J DAY JJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL FURTHER NOTICE.

3. POC: CIVILIAN - NAVCEN at 703-313-5900, HTTP://WWW.NAVCEN.USCG.GOV
   MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541,
   COMM 719-567-2493, GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994,
   COMM 805-606-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL

Redlines:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXX (PRNXX) UNUSABLE J DAY JJJ/HHMM - UNTIL FURTHER NOTICE

1. NANU TYPE: UNUSUFN
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMM Z MMM YYYY
   REFERENCE NANU: N/A
   REF NANU DTG: N/A
   SVN: XXX
   PRN: XX
   START J DAY: JJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: UFN
   STOP TIME ZULU: N/A
   STOP CALENDAR DATE: N/A

2. CONDITION: GPS SATELLITE SVNXX (PRNXX) WILL BE UNUSABLE ON J DAY JJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL FURTHER NOTICE.

3. POC: CIVILIAN - NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV,
   CIVILIAN - FAA Satellite Operations Group at 540-422-4178,
   HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/NAS/GPS_REPORTS/L,
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541,
   COMM 719-567-2493, GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTPS://WWW.SCHRIEVER.AF.MIL/GPS,
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS

SUBJ: SVNXXX (PRNXXX) UNUSABLE JDAY JJJJ/HHMM - UNTIL FURTHER NOTICE

1. NANU TYPE: UNUSUFN
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: N/A
   REF NANU DTG: N/A
   SVN: XXX
   PRN: XX
   START JDAY: JJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP JDAY: UFN
   STOP TIME ZULU: N/A
   STOP CALENDAR DATE: N/A

2. CONDITION: GPS SATELLITE SVNXXX (PRNXXX) WILL BE UNUSABLE ON JDAY JJJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL FURTHER NOTICE.

3. POC: CIVIL AVIATION - NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV,
   CIVIL AVIATION - FAA Satellite Operations Group at 540-422-4178,
   HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/NAS/GPS_REPORTS/,
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC,
   DSN 560-2541, COMM 719-567-2493,
   GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS,
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXX (PRNXX) UNUSABLE JDAY JJJJ/HHMM - JDAY JJJJ/HHMM
1. NANU TYPE: UNSUSABLE
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMM MM YYYY
   REFERENCE NANU: YYYYNNN
   REF NANU DTG: DDHHMM MM YYYY
   SVN: XXX
   PRN: XX
   START JDAY: JJJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP JDAY: JJJJ
   STOP TIME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY
2. CONDITION: GPS SATELLITE SVNXX (PRNXX) WAS UNUSABLE ON JDAY JJJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL JDAY JJJJ (DD MMM YYYY)
   ENDING HHMM ZULU.
3. POC: CIVIL AVIATION - NAVCEN at 703-313-5900, HTTP://WWW.NAVCEN.USCG.GOV
   CIVIL AVIATION - FAA National Operations Center
   MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 650-2541,
   COMM 719-567-2493, GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994,
   COMM 805-606-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS

SUBJ: SVNXXX (PRNXXX) UNUSABLE JDAY JJJJ/HHMM - JDAY JJJJ/HHMM

1. NANU TYPE: UNUSABLE
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: YYYYNNN
   REF NANU DTG: DDHHMMZ MMM YYYY
   SVN: XXX
   PRN: XX
   START JDAY: JJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP JDAY: JJJ
   STOP TIME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXXX (PRNXXX) WAS UNUSABLE ON JDAY JJJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL JDAY JJJJ (DD MMM YYYY)
   ENDING HHMM ZULU.

3. POC: CIVIL AVIATION - NAVCEN at 703-313-5900,
   HTTPS://WWW.NAVCEN.USCG.GOV,
   CIVIL AVIATION - FAA Satellite Operations Group at 540-422-4178,
   https://www.faa.gov/air_traffic/nas/gps_reports/
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC,
   DSN 560-2541, COMM 719-567-2493,
   GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS,
   MILITARY ALTERNATE - GPS OPERATIONS CENTER, DSN 276-9994,
   COMM 805-606-9994,
   JSPCOCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXXX (PRNXX) UNUSABLE J DAY JJJ/HHMM - J DAY JJJ/HHMM
1. NANU TYPE: UNUNOREF
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: N/A
   REF NANU DTG: N/A
   SVN: XXX
   PRN: XX
   START J DAY: JJJ
   START TI ME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: JJJ
   STOP TI ME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXXX (PRNXX) WAS UNUSABLE ON J DAY JJJ
   (DD MMM YYYY) BEG NIN NG HHMM ZULU UNTIL J DAY JJJ (DD MMM YYYY)
   END NG HHMM ZULU.

3. POC: CIVIL AVIATION - NAVCEN at 703-313-5900, HTTP://WWW.NAVCEN.USCG.GOV
   MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541,
   COMM 719-567-2493, GPS SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994,
   COMM 805-606-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL

Redlines:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXXX (PRNXX) UNUSABLE J DAY JJJ/HHMM - J DAY JJJ/HHMM
1. NANU TYPE: UNUNOREF
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: N/A
   REF NANU DTG: N/A
   SVN: XXX
   PRN: XX
   START J DAY: JJJ
   START TI ME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: JJJ
   STOP TI ME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXXX (PRNXX) WAS UNUSABLE ON J DAY JJJ
   (DD MMM YYYY) BEG NIN NG HHMM ZULU UNTIL J DAY JJJ (DD MMM YYYY)
   END NG HHMM ZULU.

3. POC: CIVIL AVIATION - NAVCEN at 703-313-5900, HTTP://WWW.NAVCEN.USCG.GOV
   MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541,
   COMM 719-567-2493, GPS SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994,
   COMM 805-606-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS

SUBJ: SVNXXX (PRNXXX) UNUSABLE JDAY JJJJ/HHMM - JDAY JJJJ/HHMM

1. NANU TYPE: UNUNOREF
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: N/A
   REF NANU DTG: N/A
   SVN: XXX
   PRN: XX
   START JDAY: JJJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP JDAY: JJJJ
   STOP TIME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXXX (PRNXXX) WAS UNUSABLE ON JDAY JJJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL JDAY JJJJ (DD MMM YYYY)
   ENDING HHMM ZULU.

3. POC: CIVIL NON-AVIATION - NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV,
   CIVIL AVIATION - FAA Satellite Operations Group at 540-422-4178,
   https://www.faa.gov/air_traffic/nas/gps_reports/
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2493,
   GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS,
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS

SUBJ: SVNXX (PRNXX) USABLE J DAY JJJ/HHMM

1. NANU TYPE: USABI N T
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: N/A
   REF NANU DTG: N/A
   SVN: XXX
   PRN: XXX
   START J DAY: JJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: N/A
   STOP TIME ZULU: N/A
   STOP CALENDAR DATE: N/A

2. CONDITION: GPS SATELLITE SVNXX (PRNXX) WAS USABLE AS OF J DAY JJJ (DD MMM YYYY) BEG N NING HHMM ZULU.

3. POC: CIVIL - NAVCEN at 703-313-5900, HTTP://WWW.NAVCEN.USCG.GOV
   MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSC, DSN 560-2541
   COMM 719-567-2493, GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994
   COMM 805-606-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL

Redlines:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXX (PRNXX) USABLE J DAY JJJ/HHMM

1. NANU TYPE: USABI N T
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: N/A
   REF NANU DTG: N/A
   SVN: XXX
   PRN: XXX
   START J DAY: JJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: N/A
   STOP TIME ZULU: N/A
   STOP CALENDAR DATE: N/A

2. CONDITION: GPS SATELLITE SVNXX (PRNXX) WAS USABLE AS OF J DAY JJJ (DD MMM YYYY) BEG N NING HHMM ZULU.

3. POC: CIVIL - NAVCEN at 703-313-5900, HTTP://WWW.NAVCEN.USCG.GOV
   MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSC, DSN 560-2541
   COMM 719-567-2493, GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994
   COMM 805-606-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS

SUBJ: SVNXXX (PRNXXX) USABLE J DAY JJJJ/HHMM

1. NANU TYPE: USABINIT
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: N/A
   REF NANU DTG: N/A
   SVN: XXX
   PRN: XX
   START JDAY: JJJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP JDAY: N/A
   STOP TIME ZULU: N/A
   STOP CALENDAR DATE: N/A

2. CONDITION: GPS SATELLITE SVNXXX (PRNXXX) WAS USABLE AS OF J DAY JJJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU.

3. POC: CIVIL AVIATION - NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV,
   HTTPS://WWW.FAA.GOV/air_traffic/nas/gps_reports/,
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSCC,
   DSN 560-2541, COMM 719-567-2493,
   GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS,
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS

SUBJ: LEAP SECOND

1. CONDITION: THE INTERNATIONAL EARTH ROTATION SERVICE (IERS) HAS ANNOUNCED THE INTRODUCTION OF A LEAP SECOND TO OCCUR AT THE END OF MMM YYYY

2. COORDINATED UNIVERSAL TIME (UTC) WILL SEQUENCE AS FOLLOWS:
   DD MMM YYYY HH HOURS MM M NUTES SS SECONDS
   DD MMM YYYY HH HOURS MM M NUTES SS SECONDS
   DD MMM YYYY HH HOURS MM M NUTES SS SECONDS


   FOR GPS, IF/AS AVAILABLE, THE UTC DATA IN SUBFRAME 3, PAGE 1 OF THE CNAV-2 DATA FOR L1C WILL CHANGE IN ACCORDANCE WITH IS-GPS-800.

   FOR GPS, IF/AS AVAILABLE, THE UTC DATA IN MESSAGE TYPE 33 OF THE CNAV DATA FOR L5 WILL CHANGE IN ACCORDANCE WITH IS-GPS-705.

BEFORE THE LEAP SECOND
GPS-UTC IS XX (GPS IS AHEAD OF UTC BY XX SECONDS)

AFTER THE LEAP SECOND
GPS-UTC WILL BE XX (GPS WILL BE AHEAD OF UTC BY XX SECONDS)

4. POC: CIVILIAN - NAVCEN AT 703-313-5900, HTTP://WWW.NAVCEN.USCG.GOV

   MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541,
   COMM 719-567-2493, GPS_SUPPORTED@AFSPC.AF.MIL, HTTPS://WWW.SORR@AFSPC.AF.MIL, JSPOCCOMBATOPS@VANDENBERG.AF.MIL

   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994,
   COMM 805-606-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS

SUBJ: LEAP SECOND

1. CONDITION: THE INTERNATIONAL EARTH ROTATION SERVICE (IERS) HAS ANNOUNCED THE INTRODUCTION OF A LEAP SECOND TO OCCUR AT THE END OF MMM YYYY

2. COORDINATED UNIVERSAL TIME (UTC) WILL SEQUENCE AS FOLLOWS:
   DD MMM YYYY  HH HOURS MM MINUTES SS SECONDS
   DD MMM YYYY  HH HOURS MM MINUTES SS SECONDS
   DD MMM YYYY  HH HOURS MM MINUTES SS SECONDS

   FOR GPS, IF/AS AVAILABLE, THE UTC DATA IN MESSAGE TYPE 33 OF THE CNAV DATA FOR L2C WILL CHANGE IN ACCORDANCE WITH IS-GPS-800.
   FOR GPS, IF/AS AVAILABLE, THE UTC DATA IN SUBFRAME 3, PAGE 1 OF THE CNAV-2 DATA FOR L1C WILL CHANGE IN ACCORDANCE WITH IS-GPS-705.

BEFORE THE LEAP SECOND
   GPS-UTC IS XX (GPS IS AHEAD OF UTC BY XX SECONDS)

AFTER THE LEAP SECOND
   GPS-UTC WILL BE XX (GPS WILL BE AHEAD OF UTC BY XX SECONDS)

4. POC: CIVIL NON-AVIATION - NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2493,
   GPS SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS,
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: LEAP SECOND

1. CONDITION: THE INTERNATIONAL EARTH ROTATION SERVICE (IERS) HAS ANNOUNCED THE INTRODUCTION OF A LEAP SECOND TO OCCUR AT THE END OF MMM YYYY.

2. COORDINATED UNIVERSAL TIME (UTC) WILL SEQUENCE AS FOLLOWS:

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMM YYYY</td>
<td>HH:MM:SS</td>
</tr>
</tbody>
</table>


MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2493, GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS, MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994, JSPOCCombatOps@VANDENBERG.AF.MIL

ICD870-134:

Section Number: 10.1.4.0-9

WAS:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXXX (PRNXX) LAUNCH J DAY JJJ

1. NANU TYPE: LAUNCH
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   SVN: XXX
   PRN: XX
   LAUNCH J DAY: JJJ
   LAUNCH TIME ZULU: HHMM

2. GPS SATELLITE SVN XXX (PRN XX) WAS LAUNCHED ON J DAY JJJ. A USABLE N NANTU WILL BE SENT WHEN THE SATELLITE IS SET ACTIVE TO SERVICE.

3. POC: CIVILIAN - NAVCEN AT 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV
   CIVIL AVIATION - FAA National Operations Control Center

MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2493, GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994, JSPOCCombatOps@VANDENBERG.AF.MIL
Redlines:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS

SUBJ: SVNXXX (PRNXXX) LAUNCH J DAY JJJ

1. NANU TYPE: LAUNCH
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   SVN: XXX
   PRN: XXX
   LAUNCH J DAY: JJJ
   LAUNCH TIME ZULU: HHMM

2. GPS SATELLITE SVN XXX (PRN XXX) WAS LAUNCHED ON J DAY JJJ A USABINIT NANU WILL BE SENT WHEN THE SATELLITE IS SET ACTIVE TO SERVICE.

3. POC: CIVIL NON-AVIATION - NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV
   CIVIL AVIATION - FAA Satellite Operations Group at 540-422-4178, HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/NAS/GPS_REPORTS/
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2493
   GPS SUPPORT@SCHRIEVER.AF.MIL HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL

IS:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS

SUBJ: SVNXXX (PRNXXX) LAUNCH J DAY JJJ

1. NANU TYPE: LAUNCH
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   SVN: XXX
   PRN: XXX
   LAUNCH J DAY: JJJ
   LAUNCH TIME ZULU: HHMM

2. GPS SATELLITE SVN XXX (PRN XXX) WAS LAUNCHED ON J DAY JJJ A USABINIT NANU WILL BE SENT WHEN THE SATELLITE IS SET ACTIVE TO SERVICE.

3. POC: CIVIL NON-AVIATION - NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV
   CIVIL AVIATION - FAA Satellite Operations Group at 540-422-4178, HTTPS://WWW.FAA.GOV/AIR_TRAFFIC/NAS/GPS_REPORTS/
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2493
   GPS SUPPORT@SCHRIEVER.AF.MIL HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL
NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXXX (PRNXX) DECOMSSI ON NG JDAY JJJJ/HHMM
1. NANU TYPE: DECOM
   NANU NUMBER: YYYYSSS
   NANU DTG: DODHMMZ MMM YYYY
   REFERENCE NANU: YYYYSSS
   REF NANU DTG: DODHMMZ MMM YYYY
   SVN XXX
   PRN XX
   UNUSABLE START JDAY: JJJJ
   UNUSABLE START TIME ZULU: HHMM
   UNUSABLE START CALENDAR DATE: DD MMM YYYY
   DECOMS IN INNG NG START TIME ZULU: HHMM
   DECOMS IN INNG START CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXXX (PRNXX) WAS UNUSABLE AS OF JDAY JJJJ (DD MMM YYYY) AND REMOVED FROM THE GPS CONSTELLATION ON JDAY JJJJ (DD MMM YYYY) AT HHMM ZULU.

3. POC: CIVILIAN - NAVCEN at 703-313-5900, HTTP://WWW.NAVCEN.USCG.GOV
   MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541,
   COMM 719-567-2493, GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL

Redlines:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXXX (PRNXX) DECOMS IN INNG JDAY JJJJ/HHMM
1. NANU TYPE: DECOM
   NANU NUMBER: YYYYSSS
   NANU DTG: DODHMMZ MMM YYYY
   REFERENCE NANU: YYYYSSS
   REF NANU DTG: DODHMMZ MMM YYYY
   SVN XXX
   PRN XX
   UNUSABLE START JDAY: JJJJ
   UNUSABLE START TIME ZULU: HHMM
   UNUSABLE START CALENDAR DATE: DD MMM YYYY
   DECOMS IN INNG NG START TIME ZULU: HHMM
   DECOMS IN INNG NG START CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXXX (PRNXX) WAS UNUSABLE AS OF JDAY JJJJ (DD MMM YYYY) AND REMOVED FROM THE GPS CONSTELLATION ON JDAY JJJJ (DD MMM YYYY) AT HHMM ZULU.

3. POC: CIVILIAN - NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV
   CIVILIAN - FAA National Operations Control Center
   MILITARY - GPS Support Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541,
   COMM 719-567-2493, GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL
IS:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYSSS
SUBJ: SVNXX (PRNXX) DECOMMISSIONING JDAY JJJ/HHMM
1. NANU TYPE: DECOM
   NANU NUMBER: YYYYSSS
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: YYYYSSS
   REF NANU DTG: DDHHMMZ MMM YYYY
   SVN: XXX
   PRN: XX
   UNUSABLE START [DAY: JJJ]
   UNUSABLE START [TIME: ZULU: HHMM
   UNUSABLE START CALENDAR DATE: DD MMM YYYY
   DECOMMISSIONING [START [DAY: JJJ]
   DECOMMISSIONING [START [TIME: ZULU: HHMM
   DECOMMISSIONING [START CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXX (PRNXX) WAS UNUSABLE AS OF JDAY JJJ (DD MMM YYYY) AND REMOVED FROM THE GPS CONSTELLATION ON JDAY JJJ (DD MMM YYYY) AT HHMM ZULU.

3. POC: CIVIL AVIATION - NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV
   CIVIL AVIATION - FAA Satellite Operations Group at 540-422-4178, HTTPS://WWW.FAA.GOV/AIRTRAFFIC/NAS/GPS/REPORTS/
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2493,
   GPS SUPPORT@SCHRIEVER.AF.MIL, HTTPS://GPS.AFSPC.AF.MIL/GPS
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL

ICD870-145:

Section Number:
10.3.0-2

WAS:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYNNN
SUBJ: SVNXX (PRNXX) FORECAST OUTAGE JDAY JJJ/HHMM - JDAY JJJ/HHMM
1. NANU TYPE: FCSTDV
   NANU NUMBER: YYYYNNN
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: YYYYNNN
   REF NANU DTG: DDHHMMZ MMM YYYY
   SVN: XXX
   PRN: XX
   START [DAY: JJJ]
   START [TIME: ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP [DAY: JJJ]
   STOP [TIME: ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY

2. CONDITION: GPS SATELLITE SVNXX (PRNXX) WILL BE UNUSABLE ON JDAY JJJ (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL JDAY JJJ (DD MMM YYYY) ENDING HHMM ZULU.

3. POC: CIVILIAN - NAVCEN at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV
   CIVIL AVIATION - FAA National Operations Control Center
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2541, GPS SUPPORT@SCHRIEVER.AF.MIL, HTTPS://GPS.AFSPC.AF.MIL
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL
Redlines:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYNNN
SUBJ: SVNXXX (PRNXX) FORECAST OUTAGE J DAY JJJ/HHMM - J DAY JJJ/HHMM
1. NANU TYPE: FCSTDV
   NANU NUMBER: YYYYNNN
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: YYYYNNN
   REF NANU DTG: DDHHMMZ MMM YYYY
   SVN: XXX
   PRN: XX
   START J DAY: JJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: JJJ
   STOP TIME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY
2. CONDITION: GPS SATELLITE SVNXXX (PRNXX) WILL BE UNUSABLE ON J DAY JJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL J DAY JJJ (DD MMM YYYY) ENDING HHMM ZULU.
3. POC: CIVIL NON-AVIATION - NAVcen at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV,
   CIVIL AVIATION - FAA Satellite Operations Group at 540-422-4178,
   https://www.faa.gov/air_traffic/nas/gps_reports/,
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSOC.AF.MIL/GPSOC,
   DSN 560-2541, COMM 719-567-2493,
   GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS,
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL

IS:

NOTICE ADVISORY TO NAVSTAR USERS (NANU) YYYYNNN
SUBJ: SVNXXX (PRNXX) FORECAST OUTAGE J DAY JJJ/HHMM - J DAY JJJ/HHMM
1. NANU TYPE: FCSTDV
   NANU NUMBER: YYYYNNN
   NANU DTG: DDHHMMZ MMM YYYY
   REFERENCE NANU: YYYYNNN
   REF NANU DTG: DDHHMMZ MMM YYYY
   SVN: XXX
   PRN: XX
   START J DAY: JJJ
   START TIME ZULU: HHMM
   START CALENDAR DATE: DD MMM YYYY
   STOP J DAY: JJJ
   STOP TIME ZULU: HHMM
   STOP CALENDAR DATE: DD MMM YYYY
2. CONDITION: GPS SATELLITE SVNXXX (PRNXX) WILL BE UNUSABLE ON J DAY JJJ
   (DD MMM YYYY) BEGINNING HHMM ZULU UNTIL J DAY JJJ (DD MMM YYYY) ENDING HHMM ZULU.
3. POC: CIVIL NON-AVIATION - NAVcen at 703-313-5900, HTTPS://WWW.NAVCEN.USCG.GOV,
   CIVIL AVIATION - FAA Satellite Operations Group at 540-422-4178,
   https://www.faa.gov/air_traffic/nas/gps_reports/,
   MILITARY - GPS Operations Center at HTTPS://GPS.AFSOC.AF.MIL/GPSOC,
   DSN 560-2541, COMM 719-567-2493,
   GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTP://WWW.SCHRIEVER.AF.MIL/GPS,
   MILITARY ALTERNATE - JOINT SPACE OPERATIONS CENTER, DSN 276-9994, COMM 805-606-9994,
   JSPOCCOMBATOPS@VANDENBERG.AF.MIL
ICD870-175:

Section Number:
10.3.4.0-2

WAS:

| 3. POC: CIVILIAN - NAVCEN at (703) 313-5900, HTTP://WWW.NAVCEN.USCG.GOV |
| CIVIL AVIATION - FAA National Operations Control Center |
| MILITARY - GPS Operations Center at HTTPS://GPS.AFSPC.AF.MIL/GPSOC, DSN 560-2541, COMM 719-567-2541, GPS_SUPPORT@SCHRIEVER.AF.MIL, HTTPS://GPS.AFSPC.AF.MIL/GPSOC, MILITARY ALTERNATE - Joint Space Operations Center, DSN 276-9994, COMM 805-606-9994, JSPOCCOMBATOPS@VANDENBERG.AF.MIL |

Redlines:


IS:

ICD870-190

Section Number:
20.1.0-2

WAS:

UNCLASSIFIED
GPS OPERATIONAL ADVISORY 086.OA1
SUBJ: GPS STATUS 27 MAR 2009

1. SATELLITES, PLANES, AND CLOCKS (CS=CESIUM, RB=RUBIDIUM):

A. BLOCK I: NONE
B. BLOCK II: PRNS 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14
   PLANE: SLOT B2, D1, C2, D4, B6, C5, A6, A3, A1, E3, D2, B4, F3, F1
   CLOCK: RB, RB, CS, RB, RB, RB, RB, RB, CS, CS, CS, RB, RB, RB
C. BLOCK III: PRNS 33, 34, 35
   PLANE: SLOT A2, C3, F4
   CLOCK: RB, RB, RB

2. CURRENT ADVISORIES AND FORECASTS:

A. FORECASTS: FOR SEVEN DAYS AFTER EVENT CONCLUDES.
   NANU MSG DATE/TIME PRN TYPE SUMMARY (JDAY/ZULU TIME START - STOP)
   2009022 261836Z MAR 2009 18 FCSTDV 092/1600-093/0630

B. ADVISORIES:
   NANU MSG DATE/TIME PRN TYPE SUMMARY (JDAY/ZULU TIME START - STOP)
   2009020 202158Z MAR 2009 GENERAL /- /
   2009021 241836Z MAR 2009 01 LAUNCH /- /
   2009023 262212Z MAR 2009 GENERAL /- /

C. GENERAL:
   NANU MSG DATE/TIME PRN TYPE SUMMARY (JDAY/ZULU TIME START - STOP)
   2009020 202158Z MAR 2009 GENERAL /- /
   2009021 241836Z MAR 2009 01 LAUNCH /- /
   2009023 262212Z MAR 2009 GENERAL /- /

3. REMARKS:

A. THE POINT OF CONTACT FOR GPS MILITARY OPERATIONAL SUPPORT IS THE GPS OPERATIONS CENTER AT (719) 567-2541 OR DSN 560-2541.
B. CIVILIAN: FOR INFORMATION, CONTACT US COAST GUARD NAVCEN AT COMMERCIAL (703) 313-5900 24 HOURS DAILY AND INTERNET HTTP://WWW.NAVCEN.USCG.GOV
C. MILITARY SUPPORT WEBPAGES CAN BE FOUND AT THE FOLLOWING HTTPS://GPS.AFSPC.AF.MIL/GPS OR HTTPS://GPS.AFSPC.AF.MIL/GPSOC

*Note: Section 1.C of the example OA message shown above contains example data for the GPS III SVs to show the type of data that will go in this section in the OCX era. This example is not meant to represent the actual GPS constellation configuration.
Redlines:

*Note: Section 1.C of the example OA message shown above contains example data for the GPS III SVs to show the type of data that will go in this section in the OCX era. This example is not meant to represent the actual GPS constellation configuration.*
IS:

UNCLASSIFIED
GPS OPERATIONAL ADVISORY 086.0A1
SUBJ: GPS STATUS 27 MAR 2009

1. SATELITES, PLANES, AND CLOCKS (CS=CESI UM RB=RUBIDIUM):
A. BLOCK I : NONE
B. BLOCK II : PRNS 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14
   PLANE : SLOT B2, D1, C2, D4, B6, C5, A6, A3, A1, E3, D2, B4, F3, F1
   CLOCK : RB, RB, CS, RB, RB, RB, CS, CS, CS, RB, RB, RB
   BLOCK II : PRNS 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28
   PLANE : SLOT F2, B1, C4, E4, C3, E1, DB, E2, F4, D5, A5, F5, A4, B3
   CLOCK : RB, RB, RB, RB, RB, RB, CS, CS, CS, RB, RB, RB
   BLOCK II : PRNS 29, 30, 31, 32
   PLANE : SLOT C1, B5, A2, E5
   CLOCK : RB, CS, RB, RB
C*. BLOCK III : PRNS 33, 34, 35
   PLANE : SLOT A2, C3, F4
   CLOCK : RB, RB, RB

2. CURRENT ADVISORIES AND FORECASTS:
A. FORECASTS: FOR SEVEN DAYS AFTER EVENT CONCLUDES.
   NANJI MSG DATE/TIME   PRN  TYPE         SUMMARY (J DAY/ZULU TIME START - STOP)
   20090223 261836Z MAR 2009   18 FCSTDV       092/1600-093/0630
B. ADVISORIES:
   NANJI MSG DATE/TIME   PRN  TYPE         SUMMARY (J DAY/ZULU TIME START - STOP)
C. GENERAL:
   NANJI MSG DATE/TIME   PRN  TYPE         SUMMARY (J DAY/ZULU TIME START - STOP)
   20090209 202158Z MAR 2009   GENERAL      /-
   20090209 241836Z MAR 2009   LAUNCH       /-
   20090203 262212Z MAR 2009   GENERAL      /-

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ICD870-206:

Section Number:
20.5.0-2

WAS:

REMARKS:
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Redlines:

REMARKS:
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IS:

REMARKS:
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**Verification Cross Reference Matrix:**

Only those objects that are being added, modified or deleted in this IRN/SCN will be shown in the "Was" and "Is" fields in the VCRM.

**WAS:**

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<th>DOORS ID</th>
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<th>CS Effectivity</th>
<th>SS Effectivity</th>
<th>Highest Verification Level</th>
<th>Segment</th>
<th>System Verification Method</th>
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**IS:**

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<th>Object Number</th>
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<th>SS Effectivity</th>
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