INTERFACE REVISION NOTICE (IRN)

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

Affected ICD: ICD-GPS-870 Rev B	IRN Number IRN-870B-002	Date: 06-SEP-2017
Authority: RFC-00352	PIRN Number PIRN-870B-002	Date: 27-APR-2017

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): Clarify SPSPS derived requirements for NANU issuance

Description of Change: Update IS-GPS-870, Section 10.2 NANU Notification Times, in order to provide clarification of the requirement and to mitigate any potential delays of the SPS PS and PPS PS for NANU issuance.

Prepared By: John Kasper   **Checked By: Huey Nguyenhuu**

AUTHORIZED SIGNATURES	REPRESENTING	DATE
[signature]	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	
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	CODE IDENT 66RP1

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Note: Repeat this Signature Page for each document signatory.

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APPROVED:

With Comments: Yes ☐   No ☒

With Exceptions: Yes ☐   No ☒

<u>Coast Guard Navigation Center</u>

Name of Approving Organization

Authorized Signature

Digitally signed by MOOSE.ELLIS.HENRY.1139985911
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=USCG, cn=MOOSE.ELLIS.HENRY.1139985911
Date: 2017.12.08 14:45:32 -05'00'

<u>8 Dec 2017</u>

Date

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APPROVED:

With Comments: Yes ☐ No X

With Exceptions: Yes ☐ No X

_____ Ha Nguyen Name of Approving Organization	_____*Ha Nguyen*_____ Authorized Signature	____8 Jan 2018____ Date

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APPROVED:

With Comments: Yes ☐ No ☑

With Exceptions: Yes ☐ No ☑

Raytheon-OCX
Name of Approving Organization

Steve Rapa
Authorized Signature

_12/8/17_
Date

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APPROVED:

With Comments: Yes ☐ No ✓

With Exceptions: Yes ☐ No ✓

50 OG	*Adam Edwards*	7 DEC 17
Name of Approving Organization	Authorized Signature	Date

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ICD870-139 :

Section Number :
10.2.0-1

WAS :
NANU messages announcing scheduled events are normally distributed to the user community prior to the event. NANU messages announcing unscheduled events are normally distributed to the user community as soon as practical after the event. However, mission critical problems have priority over user notification and therefore may delay normal NANU distribution. NANU notification times typically vary by NANU group. Nominal and objective NANU notification times for the four NANU groups are summarized in Table 10-IV.

Redlines :
NANU messages announcing scheduled events are normally distributed to the user community prior to the event. NANU messages announcing unscheduled events are normally distributed to the user community as soon as practical after the event. However, mission critical problems have priority over user notification and therefore may delay normal NANU distribution. NANU notification times typically vary by NANU group. Nominal and ~~objective~~<ins>threshold</ins> NANU notification times for the four NANU groups are summarized in Table 10-IV.

IS :
NANU messages announcing scheduled events are normally distributed to the user community prior to the event. NANU messages announcing unscheduled events are normally distributed to the user community as soon as practical after the event. However, mission critical problems have priority over user notification and therefore may delay normal NANU distribution. NANU notification times typically vary by NANU group. Nominal and threshold NANU notification times for the four NANU groups are summarized in Table 10-IV.

ICD870-141 :

Section Number :

10.2.0-3

WAS :

NANU Group	Nominal Notification Times	Objective
Scheduled	48 hrs prior to outage start	96 hrs prior to outage start
Unscheduled	Less than 1 hr after outage start	15 minutes after outage start
General	No Nominal – Timing determined on a case-by-case basis	
Other	No Nominal – Timing determined on a case-by-case basis	

Redlines :

NANU Group	Nominal Notification Times	~~Objective~~ **Threshold**
Scheduled	~~48 hrs prior to outage start~~ ~~Nominally~~ 96 hours prior to outage start	NLT 48 ~~96~~ hours prior to outage start (see note #1)
Unscheduled	~~Less than 1 hour after outage start~~ 15 minutes after outage start	~~15 minutes after outage start~~ Less than 1 hour after outage start
General	~~No Nominal~~ None – Timing determined on a case-by-case basis	
Other	~~No Nominal~~ None – Timing determined on a case-by-case basis	
NOTE 1: If the need for a planned outage is determined less than 48 hours prior to the start time of the outage, the associated Forecast NANU ~~may~~ will not meet the Scheduled outage Threshold.		

IS :

NANU Group	Nominal Notification Times	Threshold
Scheduled	96 hours prior to outage start	NLT 48 hours prior to outage start (see note #1)
Unscheduled	15 minutes after outage start	Less than 1 hour after outage start
General	None – Timing determined on a case-by-case basis	
Other	None – Timing determined on a case-by-case basis	
NOTE 1: If the need for a planned outage is determined less than 48 hours prior to the start time of the outage, the associated Forecast NANU will not meet the Scheduled outage Threshold.		