

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-240 Rev A	IRN Number IRN-240A-003	Date: 06-SEP-2017
Authority: RFC-00352	PIRN Number PIRN-240A-003	Date: 27-APR-2017

CLASSIFIED BY: N/A
DECLASSIFY ON: N/A


Document Title: NAVSTAR GPS Control Segment to User Support Community Interfaces

Reason For Change (Driver): Clarify SPSPS derived requirements for NANU issuance.

Description of Change: Update IS-GPS-240, 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
	GPS Directorate Space & Missile Systems Center (SMC) – LAAFB	8 JAN 18
See Section XX <u>OR</u> See Next Page	HQ Air Force Space Command (AFSPC/50 OG)	
See Section XX <u>OR</u> See Next Page	United States Coast Guard (USCG) Navigation Center (NAVCEN)	
See Section XX <u>OR</u> See Next Page	Lockheed Martin Corporation (GCS)	

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Interface Control Contractor:
Engility (GPS SE&I)
200 N. Sepulveda Blvd., Suite 1800
El Segundo, CA 90245

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

50 OG

Adam Edwards

7 DEC 17

Name of Approving Organization

Authorized Signature

Date

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<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 14:44:11 -05'00' <u>8 Dec 2017</u> Date
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<u>LOCKHEED MARTIN PCS</u> Name of Approving Organization	<u><i>Jeffrey A. Kostelky</i></u> Authorized Signature	<u>1/2/18</u> Date
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ICD240-120 :

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~~threshold 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.

ICD240-122 :

Section Number :

10.2.0-3

WAS :

NANU Group	Nominal Notification Times		Objective
Scheduled	96 hrs prior to outage start	1 hr after outage start	7 days 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	96 hrs prior to outage 1 hr after outage start	7 days <u>NLT 48 hours</u> prior to outage start (see note #1)
	<u>96 hours prior to outage start</u>	
Unscheduled	Less than 1 hour after outage start <u>15 minutes</u> <u>after outage start</u>	15 minutes after outage start <u>Less than 1</u> <u>hour after outage start</u>
General	No Nominal <u>None</u> – Timing determined on a case-by-case basis	
Other	No Nominal <u>None</u> – 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.		