CHANGE NOTICE					
Affected Document: ICD-GPS-870 Rev E	IRN/SCN Number IRN-ICD-870E-001		Date: 27-Sep-2023		
Authority: RFC-00477	Proposed Change Notice PCN-ICD-870E_RFC477		Date: 14-MAR-2022		
Document Title: NAVSTAR Next G	eneration GPS Control Segment (C	OCX) to User Support Commu	unity Interface		
RFC Title: OCX XML Products for (Civil Users				
Advisory to Navstar Users (NA File (SOF), and the Anti-Spoof a. Are being deprecated i.e. f	t reflect OCX as built. The five GP ANU), the Operational Advisory (C C(A-S) file. These data products are further updates and support are disc usite National Information Exchan- schanism to alert external stakehold tries in XML files should look like	OA), the Almanac (SEM & Y e formatted in plain text and continued while ensuring bac age Model (NIEM) Naming a lers of changes happening du	UMA), the Satellite Outage they: kwards compatibility and Design Rules the to the transition from AEP		
(SOF), Ops Status (OA), and the a. Provide a Validate and b. Baseline the NIEM In	The four new data products are the he Public Common Almanac (SEM d Transform Utility (VATU), ensu formation Exchange Package Doc ess rules, metadata, and samples.	GPS Advisory (NANU), GP I, YUMA, and A-S) ring backwards compatibility umentation (IEPD) specifica	 S Advisory Collection y. tion which contains schemas, 		
Authored By: RE: Danny Froerer		Checked By:	RE: Vincent Quan		
AUTHORIZED SIGNATURES	REPRESENTING		DATE		
DUNN.MICHAE Digitally signed by DUNN.MICHAEL J. 117 1235045 L.J. 1171235045 Date: 2024.03.D4 14 17 39-08'00'	PNT Technical Director, MilComm & PNT Directorate, Space Systems Command (SSC)		04-Mar-2024		
	Department of Homeland Security (DHS), United States Coast Guard (USCG) Navigation Center (NAVCEN)				
	Department of Transportation (DOT) Federal Aviation Administration (FAA)				
DISTRIBUTION STAT THIS DOCUMENT SPECIFIES TECH AND NOTHING HEREIN CONTAIN ALTER THE TERMS OF ANY CONT ORDER BETWEEN ALL PARTIES A	ED SHALL BE DEEMED TO FRACT OR PURCHASE	Interface Cor SAIC (C 200 N. Pacific Coas El Segund	ion Is Unlimited. atrol Contractor: GPS SE&I) st Highway, Suite 1800 lo, CA 90245 ENT 66RP1		

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Authored By: RE: Danny Froerer			RE: Vincent Quan
AUTHORIZED SIGNATURES	REPRESENTING		DATE
	PNT Technical Director, MilComm & PNT Directorate, Space Systems Command (SSC)		
CALHOUN.SCOT Digitally signed by CALHOUN BCOTT.R.1118195147 Date: 2024 03 04 10 34 11 - 05007	Department of Homeland Security (DHS), United States Coast Guard (USCG) Navigation Center (NAVCEN) Department of Transportation (DOT) Federal Aviation Administration (FAA)		04JAN2024
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	RE: Danny Froerer		Checked By:	RE: Vincent Quan	
AUTHORIZED SIGNATURES		REPRESENTING		DATE	
		PNT Technical Director, MilComm & PNT Directorate, Space Systems Command (SSC)		8	
		Department of Homeland Security (DHS), United States Coast Guard (USCG) Navigation Center (NAVCEN)			
HA ANH NGUYEN	Digitally signed by HA ANH NGUYEN Date: 2024.02.29 20:48:57 -08'00'	Department of Transportation (DOT) Federal Aviation Administration (FAA)		29-Feb-2024	
THIS DOCUMEN AND NOTHING ALTER THE TE	NT SPECIFIES TECH	EMENT A: Approved for Pu HNICAL REQUIREMENTS IED SHALL BE DEEMED TO FRACT OR PURCHASE AFFECTED.	Interface Con SAIC (C 200 N. Pacific Coas El Segund	trol Contractor: GPS SE&I) t Highway, Suite 1800 o, CA 90245 ENT 66RP1	

ICD870-744:

Insertion after object ICD870-6

Section Number:

1.1.0-7

WAS: <INSERTED OBJECT>

Redlines:

<u>GPS developer/sustainer organizations together with developers/sustainers/operators of systems which consume GPS data</u> are collectively referred to herein as the GPS Community. *Object Type*: Info-Only

IS:

GPS developer/sustainer organizations together with developers/sustainers/operators of systems which consume GPS data are collectively referred to herein as the GPS Community. *Object Type*: Info-Only

ICD870-11:

Section Number:

1.3.0-2

WAS:

The following signatories must approve this ICD to make it effective.

- 1. Air Force Space Command (AFSPC), GPS Directorate (GP) Space and Missile Systems Center (SMC)
- 2. Air Force Space Command (AFSPC), 50th Space Wing (50 SW)
- 3. Department of Homeland Security (DHS), United States Coast Guard (USCG), Navigation Center (NAVCEN)
- 4. Department of Transportation (DOT), Federal Aviation Administration (FAA)

Redlines:

The following signatories must approve this ICD to make it effective.

1. Air Force Space Command (AFSPC), GPS Directorate (GP) Space and Missile Systems Center (SMC)

2. Air Force Space Command (AFSPC), 50th Space Wing (50 SW)

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

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

IS:

The following signatories must approve this ICD to make it effective.

- 1. Air Force Space Command (AFSPC), GPS Directorate (GP) Space and Missile Systems Center (SMC)
- 2. Department of Homeland Security (DHS), United States Coast Guard (USCG), Navigation Center (NAVCEN)
- 3. Department of Transportation (DOT), Federal Aviation Administration (FAA)

ICD870-721:

Section Number:

3.1.0-12

WAS:

The GPS CS will employ schema versioning whereby new data dissemination data/schema will be made available early in a pre-production form to allow synchronized development of automated ingestion and processing systems by users. In addition, operational data will be available in a production-full support form and in a production-deprecated form to allow graceful transition and retirement of obsolete data/schema.

Redlines:

The GPS CS will employ schema versioning whereby new data dissemination data/schema will be made available early in a pre-production form to allow synchronized development of automated ingestion and processing systems by users. In addition, operational data will be available in a production full support form and in a production deprecated form to allow graceful transition and retirement of obsolete data/schema.

IS: <DELETED OBJECT>

ICD870-681:

Section Number:

3.1.0-35

WAS:

The CS will employ schema versioning whereby new data/schema will be available in a non-operational pre-production form to support integration, test and transition. In addition, operational data will be available in a production-full support form and in a production-deprecated form to allow graceful transition and retirement of obsolete data/schema.

Redlines:

The CS will employ schema versioning whereby new data/schema will be available in a non-operational pre-production form to support integration, test and transition. In addition, operational data will be available in a production-full support form and in a production-deprecated form to allow graceful transition and retirement of obsolete data/schema.

IS: <DELETED OBJECT>