CHANGE NOTICE				
Affected Document:	IRN/SCN Number		Date:	
ICD-GPS-870 Rev D	IRN-ICD-870D-002		25-SEP-2019	
Authority: RFC-00395	Proposed Change Notice PCN-ICD-870D_RFC395		Date: 12-APR-2019	
CLASSIFIED BY: N/A	—			
DECLASSIFY ON: N/A				
Document Title: NAVSTAR Next Gene	-	gment (OCX) to User Support	Community Interface	
RFC Title: 2019 Public Document Prope	osed Changes			
 viable dual frequency; that is not r The user implementation commur 700 (non-public), IS-GPS-200, IS- Documents IS-GPS-200, IS-GPS- broadcast CNAV UTC data. These ICD-GPS-870 Appendices 1-6 cur modernized formats in XML will be for the modernized formats. Stake 	hity has identified equations in the Elem GPS-705, and IS-GPS-800 that can be 705, IS-GPS 800, and ICD-GPS-700 (r the documents need to be made consist rrently define an ASCII format for public defined. The ICD does not specificall sholders could incorrectly assume that t	ents of Coordinates Systems tab mefit from an improvement. non-public) are not consistent in to ent. release GPS products, the lega y call the current format legacy n he ASCII format is the modernize	oles in documents ICD-GPS- their definition of when to cy format. The ICD states that for does it have placeholders ed format.	
 ICD-GPS-870 Appendices OCX provides a utility to convert modernized GPS products to the legacy, AEP-formatted GPS products. The legacy formats are characterized with default filenames, which are important for the public user community to interpret and process the GPS products. However, these default filenames are not described in ICD-GPS-870. Public documents need clarification and clean-up, as identified in past Public ICWGs and as newly-identified changes of administrative nature. 				
 Currently the Operational Advisor constellation definition provided to Intelligence Agency (NGA) (refer 	es (OAs) that are published and archiv the public in the SPS Performance Sta to http://earth-info.nga.mil/GandG/satht rding fore/aft position since moving to th	andard as well as the data provid ml/satinfo.html). The OA does no	ed by the National Geospatial- thave the capability to	
 Recommend a different, less com tables in the Signal in Space (SiS No change was needed. Deferred for future RFC. ICD-GPS-870 stakeholders are re the default filenames. Need to do Provide clarity and clean up identi 	lying on the default filenames used by cument the default filenames to suppor fied administrative changes in all public	AEP for their equivalent files. IC t stakeholders.	D-GPS-870 does not capture	
 This topic was originally addressed in RFC-374 but needs to be re-addressed in order to update ICD-GPS-870 such that OCX produces an OA with section one set to the original data or set to "RESERVED." 				
Authored By: RE: Anthony Flores	С	hecked By: RE: Kevin Can	0	
AUTHORIZED SIGNATURES	REPRESEN	TING	DATE	
	GPS Directo Space & Missile Systems Ce			
	HQ Air Force Space (AFSPC/500	Command		
	Department of Homeland United States Coast Guard (USCG) N	Security (DHS),		
	Department of Transport Federation Aviation Adm	ortation (DOT)		
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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.		Interface Control Contractor: SAIC (GPS SE&I) 200 N. Pacific Coast Highway, Suite 1800 El Segundo, CA 90245		
		CODE IDE	NT 66RP1	

ICD870-741 :

Insertion after object ICD870-199

1. SATELLITES, PLANES, A. BLOCK I : NONE	AND CLOCKS (CS=CESI UM RB=RUBI DI UM):
B. BLOCK II : PRNS 01, PLANE : SLOT B2, CLOCK : RB.	02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14 D1, C2, D4, B6, C5, A6, A3, A1, E3, D2, B4, F3, F1 DP, C5, PB, PB, PB, PB, PB, C5, C5, C5, PB, PB, PB, PB, PB, PB, PB, PB, PB, PB
CLOCK : RB, BLOCK II : PRNS 15, PLANE : SLOT F2,	RB, CS, RB, RB, RB, RB, CS, CS, CS, RB, RB, RB, RB, RB 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28 B1, C4, E4, C3, E1, D3, E2, F4, D5, A5, F5, A4, B3
CLOCK : RB, BLOCK II : PRNS 29,	RB, RB, RB, RB, RB, RB, RB, RB, CS, RB, RB, CS, RB 30, 31, 32
	B5, A2, E5 CS, RB, RB 34, 35
	C3, F4 RB, RB

Figure 20-3 OA Section 1

Section Number :

20.3.0-4

WAS :

N/A

Redlines :

<INSERTED OBJECT>

IS :

If no data are available, section one is denoted with "RESERVED." An example is illustrated in Figure 20-3a.

ICD870-742 :

Insertion after object ICD870-741 (See Previous)

Section Number :

20.3.0-5

WAS :

N/A

Redlines :

<INSERTED OBJECT>

IS :

1. RESERVED

ICD870-743 :

Insertion after object ICD870-742 (See Previous)

Section Number :

20.3.0-6

WAS :

N/A

Redlines :

<INSERTED OBJECT>

IS :

Figure 20-3a OA Section One (No Data)