

Table 20-I. MNAV Message Identifier Assignments and Definitions

Message Type	MSG ID (Hex)	Title	Notes
1	01	Legacy Data Message	1
2	02	Special Message	
3	03	Notice Advisory to Navstar Users (NANU)	
4	04	Key Message	
5	05	Constellation Status	
6	06	MICE I	
7	07	MICE II	
8	08	Reduced Almanac	
9	09	MNAV Correction Table	
10	0A	NGA Update	
11	0B	IONO/IC/EOP Predictions	
12	0C	Inter-Signal Bias Message	
13	0D	Selective Availability/Anti-Spoof (SA/A-S)	
14	0E	Authentication	2
15	0F	Pseudolite Almanac Message	2
16	10	Pseudolite State Message	2
17-240	11-F0	Undefined (reserved for future use)	
241-255	F1-FF	Reserved for CS	
256	00	Null (Default) Message	3

Notes:

General. The allocation of a MSG ID to a particular Type/Title does not imply a guarantee of the availability of that Message Type in the MU SIS. Unless the detailed format and content definitions are enumerated herein, the MSG ID allocation in this table is a *placeholder* for *future* capabilities.

1. Message Type 1 includes all subframes & pages defined in ICD-GPS-203. A Subheader identifies which particular subframe/page corresponds to a particular Type 1 Message being broadcast (see §20.3.4.1).
2. Noted Message Types belong to the class of allocations referenced in the General Note above.
3. The Type 256 Message is the data message default. The Data Block field will be filled with all (A)hex.

Table 6-I. NAV_FRAME Timing Relationships

Data Rate (bps) \ Data Element	100	25
	Transmission Interval (sec)	
Slot	4	16
Minor Frame	16	64
Master Frame	240	960
Super Frame	3600	14400

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Master Frame															
Slot Count	Minor Frame Count														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	9	11	13	4	4	9	11	5/8 ¹	5/8 ¹	S	9	11	2	2	S
4	10	12	13	4	14	10	12	5/8 ¹	5/8 ¹	14	10	12	2	2	14

Note 1: Indicates that two (2) Types are transmitted in alternating Master Frames

Legend

2 = Special Message	10 = NGA Update
4 = Key	11 = IONO/IC/EOP Predictions
5 = Constellation Status	12 = ISC Message
6 = MICE I	13 = SA/A-S
7 = MICE II	14 = Authentication
8 = Reduced Almanac	"S" = Spare Slot
9 = MNAV Correction Table	

Figure 6-4. Nominal Navigation Frame