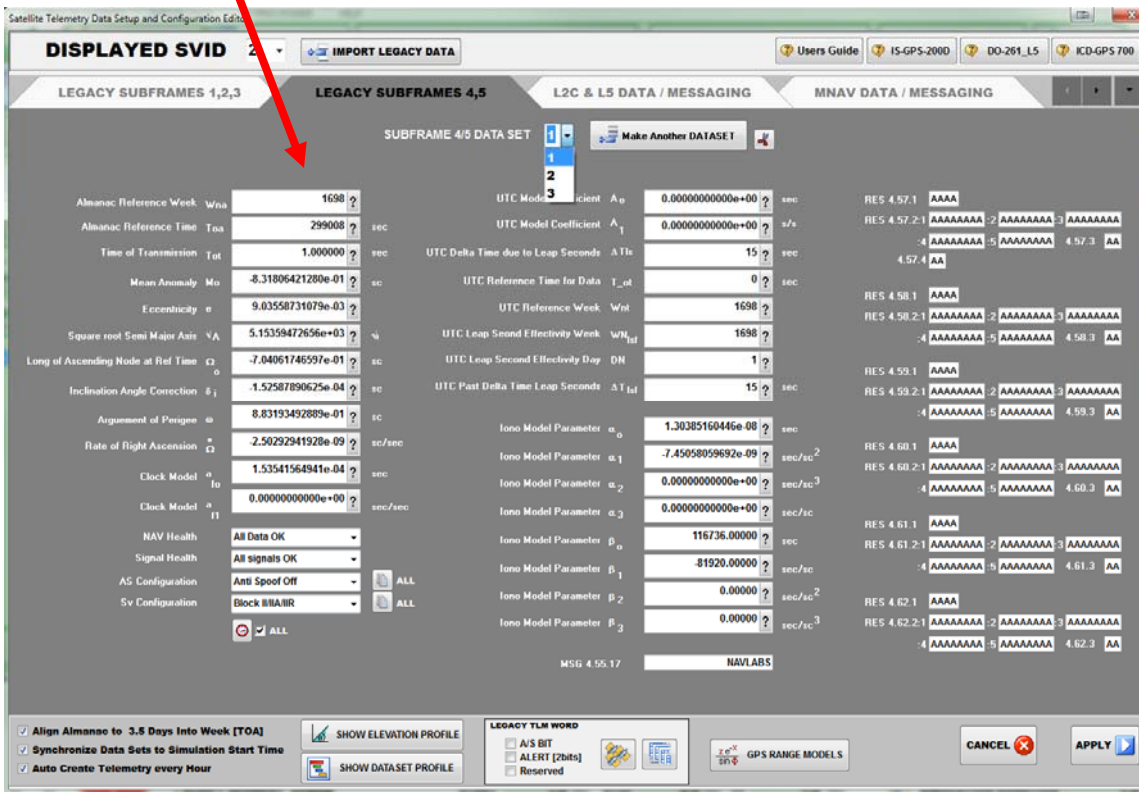


select SUBFRAME 45





Use this button to create more SUBFRAME 45 DATA (CUT-IN)  
I used 1 second as my start time, So I added a DataSet at 720 seconds and another at 1440 seconds. for a total of 3 data sets / cut-in

This is the TIME the simulator will begin Transmitting the DATA SET.  
TIME OF TRANSMISSION

Satellite Telemetry Data Setup and Configuration Editor

DISPLAYED SVID 2

LEGACY SUBFRAMES 1,2,3 LEGACY SUBFRAMES 4,5 L2C & L5 DATA / MESSAGING MNAV DATA / MESSAGING

SUBFRAME 4/5 DATA SET 1

Make Another DATASET

Almanac Reference Week	W <sub>ref</sub>	1698	UTC Model Coefficient	A <sub>0</sub>	0.0000000000e+00	sec	RES 4.57.1	AAAA
Almanac Reference Time	T <sub>oa</sub>	299008	UTC Model Coefficient	A <sub>1</sub>	0.0000000000e+00	s/s	RES 4.57.2.1	AAAAAAAA -2 AAAAAAAAA AAAAAAAAA
Time of Transmission	T <sub>ot</sub>	1.000000	UTC Delta Time due to Leap Seconds	ΔT <sub>ls</sub>	15	sec	4.57.2.4	AAAAAAAA -2 AAAAAAAAA 4.57.3 AA
Mean Anomaly	M <sub>0</sub>	-8.31806421280e-01	UTC Reference Time for Data	T <sub>ref</sub>	0	sec	RES 4.58.1	AAAA
Eccentricity	e	9.03558731079e-03	UTC Reference Week	W <sub>ref</sub>	1698			
Square root Semi Major Axis	√A	5.15359472656e+03	UTC Leap Second Effectivity Week	W <sub>leap</sub>	1698			

DATA SET 1 = "A"

output 12 minutes after start time

DATA SET 2 = "F"

Satellite Telemetry Data Setup and Configuration Editor

DISPLAYED SVID 2

LEGACY SUBFRAMES 1,2,3 LEGACY SUBFRAMES 4,5 L2C & L5 DATA / MESSAGING MNAV DATA / MESSAGING

SUBFRAME 4/5 DATA SET 2

Make Another DATASET

Almanac Reference Week	W <sub>ref</sub>	1698	UTC Model Coefficient	A <sub>0</sub>	0.0000000000e+00	sec	RES 4.57.1	FFFF
Almanac Reference Time	T <sub>oa</sub>	299008	UTC Model Coefficient	A <sub>1</sub>	0.0000000000e+00	s/s	RES 4.57.2.1	FFFFFFFF -2 FFFFFFFFF FFFFFFFFF
Time of Transmission	T <sub>ot</sub>	720.000000	UTC Delta Time due to Leap Seconds	ΔT <sub>ls</sub>	15	sec	4.57.2.4	FFFFFFFF -2 FFFFFFFFF 4.57.3 FF
Mean Anomaly	M <sub>0</sub>	-8.31806421280e-01	UTC Reference Time for Data	T <sub>ref</sub>	0	sec	RES 4.58.1	AAAA
Eccentricity	e	9.03558731079e-03	UTC Reference Week	W <sub>ref</sub>	1698		RES 4.58.2.1	AAAAAAAA -2 AAAAAAAAA AAAAAAAAA
Square root Semi Major Axis	√A	5.15359472656e+03	UTC Leap Second Effectivity Week	W <sub>leap</sub>	1698		4.58.2.4	AAAAAAAA -2 AAAAAAAAA 4.58.3 AA

output 24 minutes after start time

DATA SET 3 = "0"

Satellite Telemetry Data Setup and Configuration Editor

DISPLAYED SVID 2

LEGACY SUBFRAMES 1,2,3 LEGACY SUBFRAMES 4,5 L2C & L5 DATA / MESSAGING MNAV DATA / MESSAGING

SUBFRAME 4/5 DATA SET 3

Make Another DATASET

Almanac Reference Week	W <sub>ref</sub>	1698	UTC Model Coefficient	A <sub>0</sub>	0.0000000000e+00	sec	RES 4.57.1	0
Almanac Reference Time	T <sub>oa</sub>	299008	UTC Model Coefficient	A <sub>1</sub>	0.0000000000e+00	s/s	RES 4.57.2.1	0 -2 0.3 0
Time of Transmission	T <sub>ot</sub>	1440.000000	UTC Delta Time due to Leap Seconds	ΔT <sub>ls</sub>	15	sec	4.57.2.4	0 -5 0 4.57.3 0
Mean Anomaly	M <sub>0</sub>	-8.31806421280e-01	UTC Reference Time for Data	T <sub>ref</sub>	0	sec	RES 4.58.1	AAAA
Eccentricity	e	9.03558731079e-03	UTC Reference Week	W <sub>ref</sub>	1698		RES 4.58.2.1	AAAAAAAA -2 AAAAAAAAA AAAAAAAAA
Square root Semi Major Axis	√A	5.15359472656e+03	UTC Leap Second Effectivity Week	W <sub>leap</sub>	1698		4.58.2.4	AAAAAAAA -2 AAAAAAAAA 4.58.3 AA
Longitude Ascending Node at Ref Time	Ω	-7.04061746597e-01	UTC Leap Second Effectivity Day	DN	1	sec		