

May 2020

To Whom it May Concern –

The following information has been determined to be unclassified, non-proprietary to Lockheed Martin:

- 1) The following table presents the GPS III SV02 (SVN75) antenna phase center offsets of the L1, L2 and L5 signals for the Earth Coverage (EC) antenna deck. These values are measured with respect to the Space Vehicle center of mass.

	X (inches)	Y (inches)	Z (inches)
L1 freq	0.248	-0.793	43.505
L2 freq	0.263	-0.895	24.367
L5 freq	0.268	-0.847	24.506

- 2) The following table presents the group delay (TGD) and inter-signal correction (ISC) values measured at the factory.

<b>Inter-Signal Correction Parameters</b>		
<b>Parameter</b>	<b>Value</b>	<b>Units</b>
T(GD) (L1P-L2P)	-4.83E-09	Seconds
ISC(L1C/A)	-4.33E-10	Seconds
ISC(L1Cp)	-6.82E-10	Seconds
ISC(L1Cd)	-3.92E-10	Seconds
ISC(L2C)	-6.29E-10	Seconds
ISC(L2PY)	3.12E-09	Seconds
ISC(L5I5)	6.39E-10	Seconds
ISC(L5Q5)	6.34E-10	Seconds