DPOS REPORT
JAVAD POST-PROCESSING SERVICE

USER: DATE: 05.05.2018
FILE: 1001 TIME: 13:14:12.855 GPS time

SOFTWARE: DPOS(2/5/2018 12:20:58 PM) START: 2018/05/04 04:50:35.000 PM
EPHEMERIS: brdc STOP: 2018/05/04 05:20:43.000 PM
OBS USED: 1804 / 1818 TIME SPAN: 30 min
ANT NAME: JAVTRIUMPH_LSA NONE Geometry factor: 0.8
ANT HEIGHT: Vertical(ARP) - 1.430 meters FIXED AMB: Yes
ANT DELTA N/E/H: 0.000/0.000/0.000 OVERALL RMS: 0.010 meters

REF FRAME:	NAD83(2011)(EPOCH:2010.0000)		IGS08 (EPOCH:2018.3384)	
X:	791047.239(m)	0.005(m)	791046.385(m)	0.005(m)
Y:	-5129550.984(m)	0.006(m)	-5129549.514(m)	0.006(m)
Z:	3695073.609(m)	0.006(m)	3695073.504(m)	0.006(m)
LAT:	N 35 37 49.42076	0.005(m)	N 35 37 49.44792	0.005(m)
E LON:	E 278 46 00.24696	0.006(m)	E 278 46 00.22231	0.006(m)
W LON:	W 81 13 59.75304	0.006(m)	W 81 13 59.77769	0.006(m)
EL HGT:	235.267(m)	0.006(m)	233.919(m)	0.006(m)
ORTHO HGT:	267.176(m)	0.006(m)	[NAVD88 (Computed using GEOID12B)]	

	UTM COORDINATES UTM (Zone 17)	STATE PLANE COORDINATES SPC (NAD83(2011) /3200 North Carolina)
Northing (Y) [meters]	3942980.129	210869.273
Easting (X) [meters]	17478878.724	407344.887
Convergence [degrees]	-0.13588998	-1.28897397
Point Scale	0.99960550	0.99989436
Combined Factor	0.99956859	0.99985744

US NATIONAL GRID DESIGNATOR: NONE

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
NONE	GAST(CORS)	N 35 18 39.791	W 81 11 19.5411	35661.4
NONE	NCHI(CORS)	N 35 44 31.010	W 81 18 30.9349	14132.0
NONE	NCMG(CORS)	N 35 42 27.073	W 81 39 23.9986	39279.7
NONE	NCMO(CORS)	N 35 34 46.877	W 80 48 12.5364	39348.8
NONE	NCST(CORS)	N 35 51 19.728	W 80 50 55.4779	42820.8

RESIDUALS OF POSITION

VECTOR	dX,m	dY,m	dZ,m	dN,m	dE,m	dU,m
GAST - 1001	0.006	0.000	0.009	0.007	0.006	0.006
NCHI - 1001	-0.006	0.030	-0.028	-0.005	-0.001	-0.041
NCMG - 1001	-0.001	-0.031	0.019	-0.002	-0.006	0.036
NCMO - 1001	0.000	0.000	0.000	0.000	0.000	0.000