

DPOS REPORT  
JAVAD POST-PROCESSING SERVICE  
=====

USER:  
FILE: log404.jps

DATE: 3/30/2024  
TIME: 3:30:19 PM

SOFTWARE: Justin v.3(10/29/2021 8:07:17 AM)      START: 1/1/2024 5:37:30 PM  
EPHEMERIS: brdc      STOP: 1/1/2024 7:37:00 PM  
OBS USED: 12038 / 12270      TIME SPAN: 120  
ANT NAME:      FIXED AMB: Yes  
ANT HEIGHT: Vertical(ARP) 6.562(sf)      OVERALL RMS: 0.042(sf)  
ANT DELTA N/E/H:0.000/0.000/0.000

REF FRAME:    NAD83(2011) (EPOCH:2010.0000)      ITRF2014 (EPOCH:2024.0014)

X:	4294249.480 (sf)	0.010 (sf)	4294246.273 (sf)	0.010 (sf)
Y:	-15403044.282 (sf)	0.030 (sf)	-15403039.591 (sf)	0.030 (sf)
Z:	13452430.056 (sf)	0.027 (sf)	13452429.981 (sf)	0.027 (sf)

LAT:	N 40° 15' 46.43668"	0.013 (sf)	N 40° 15' 46.47048"	0.013 (sf)
E LON:	E 285° 34' 41.01073"	0.028 (sf)	E 285° 34' 40.98722"	0.028 (sf)
W LON:	W 74° 25' 18.98927"	0.028 (sf)	W 74° 25' 19.01278"	0.028 (sf)
EL HGT:	22.332 (sf)	0.028 (sf)	18.178 (sf)	0.028 (sf)
ORTHO HGT:	128.881 (sf)	0.028 (sf)	[NAVD88 (Computed using GEOID18)]	

	UTM COORDINATES	STATE PLANE COORDINATES
	UTM (Zone 18)	SPC (New Jersey)
Northing (Y) [ survey feet	14622993.601	520687.866
Easting (X) [ survey feet	1801680.421	513907.838
Convergence [degrees]	0.37075031	0.05044892
Point Scale	0.99962974	0.99990054
Combined Factor	0.99962867	0.99989947

US NATIONAL GRID DESIGNATOR:

	BASE STATIONS USED		
PID DESIGNATION	LATITUDE	LONGITUDE	DISTANCE (sf)
NONE NJHC	N 40° 30' 05.80512"	W 74° 54' 04.01557"	159324.428
NONE NJNT	N 40° 12' 33.62000"	W 74° 02' 11.58978"	109353.444
NONE NJOC	N 39° 57' 10.02346"	W 74° 11' 36.59335"	129792.170
NONE NJTP	N 40° 32' 25.84150"	W 74° 28' 04.13541"	101941.183
NONE NJTR	N 40° 15' 27.46286"	W 74° 47' 48.07138"	104607.902

	RESIDUALS OF POSITION					
VECTOR	dX (sf)	dY (sf)	dZ (sf)	dN (sf)	dE (sf)	dU (sf)
NJNT=>log404	0.010	0.030	0.027	0.013	0.028	0.028
NJTR=>log404	0.010	0.030	0.027	0.013	0.028	0.028
NJHC=>log404	0.010	0.030	0.027	0.013	0.028	0.028

	RESIDUALS OF POSITION					
VECTOR	dX (sf)	dY (sf)	dZ (sf)	dN (sf)	dE (sf)	dU (sf)
NJOC=>log404	0.010	0.030	0.027	0.013	0.028	0.028