

**SUFFOLK EXECUTIVE AIRPORT, 2009**  
**VECTOR PROCESSING RESULTS**

PACS - SFQ A	Observed ITRF Coordinates			SOLN	RMS	KM
	X	Y	Z			
063A	1186606.2599	-4981777.9791	3789128.3867	L3X	0.0133	31.0
064A	1186606.2682	-4981777.9847	3789128.3812	L3X	0.0124	
DIFFERENCE	-0.0083	0.0056	0.0055			
MEAN	1186606.2641	-4981777.9819	3789128.3840			

SACS 1 - SFQ B				SOLN	RMS	KM
	X	Y	Z			
063C*	1186707.6880	-4982210.5198	3788531.2916	L1X	0.0044	0.7
064B	1186707.6858	-4982210.5229	3788531.2923	L1X	0.0041	
064C	1186707.6869	-4982210.5236	3788531.2919	L1X	0.0047	
063C to 064B DIFFERENCE	0.0022	0.0031	-0.0007			
063C to 064C DIFFERENCE	0.0011	0.0038	-0.0003			
064B to 064C DIFFERENCE	-0.0011	0.0007	0.0004			

SACS 2 - J 324 RESET				SOLN	RMS	KM
	X	Y	Z			
063C	1185968.0299	-4982045.3351	3788980.2230	L1X	0.0044	0.7
064C	1185968.0277	-4982045.3358	3788980.2235	L1X	0.0047	
DIFFERENCE	0.0022	0.0007	-0.0005			

HARN - PASCALE	Adjusted vs Published NAD83			SOLN	RMS	KM
	X	Y	Z			
063B OBS	1198931.9434	-4972160.3769	3797790.4345	L3X	0.0173	17.9
NAD83 PUBLISHED	1198931.9400	-4972160.3640	3797790.4600			
NAD83 DIFFERENCE	0.0034	-0.0129	-0.0255			

WEATHER				SOLN	RMS	KM
	X	Y	Z			
063D OBS	1210036.3686	-4964257.1357	3804550.0825	L3X	0.0146	33.1
NAD83 PUBLISHED	1210036.3760	-4964257.1350	3804550.1260			
NAD83 DIFFERENCE	-0.0074	-0.0007	-0.0435			

BM1 - F 468	NAD83 EHT(m)    NAVD88 (m)		SOLN	RMS	KM
063B OBS		10.086	L3X	0.0173	6.0
PUBLISHED	N/A	10.086			
DIFFERENCE		FIXED			

BM2 - G 468	NAD83 EHT(m)    NAVD88 (m)		SOLN	RMS	KM
063B OBS		7.506	L3X	0.0173	7.0
PUBLISHED	N/A	7.481			
DIFFERENCE		0.025			

**BM3 - WEATHER**

	NAD83 EHT(m)	NAVD88 (m)			
063D OBS	-34.593	2.445	L3X	0.0146	33.1
PUBLISHED	-34.566	2.446			
DIFFERENCE	-0.027	-0.001			

**HARN - PASCALE**

	NAD83 EHT(m)	NAVD88 (m)			
063B OBS	-31.131		L3X	0.0173	17.9
PUBLISHED	-31.127				
DIFFERENCE	-0.004				

\* ANTENNA WAS FOUND OUT OF PLUMB AFTER SESSION 063C AT STATION SFQ B.

\* SESSION 064B IS REOBSERVATION.