Long-term Sites to Local Monuments
Reference Survey

Table 1 - General Location Control Data				Based on NAD 1927						
Theodolite Location	**Target Location**	**Distance Meters**	**Vertical Angle DMS**	**Horiz. Angle DMS**	**H-Angle Reference DMS**	**UVM/VCS Northing Meters**	**UVM/VCS Easting Meters**	**UVM Trig Elevation**	**VCS Northing Meters**	**VCS Easting Meters**
	CHIN (UVM- Triangle hole)					**745144.19**	**417937.92**	**4393.35**		
	Chin-USCGS Monument							**4393.35**	*745143.69*	*417937.92*
Chin-USCGS Monument	***MACBETH***	94.09	352.18.25	123.03.05	W-Chin Pass Point					
Chin-USCGS Monument	***SUNSET (monument hole)***	164.09	356.23.20	336.16.55	W-Chin Pass Point					
Chin-USCGS Monument	**W-Chin Pass Point**	**195.3**	**347.38.55**	**00.00.00**	**W-Chin Pass Point**					
Chin-USCGS Monument	***CHIN - UVM triangle/hole***	0.5	0	180 magn	magnetic north					
	TERRYBETHS (UVM)					**744737.88**	**417766.3**	**4359.6**	**744737.88**	**417766.3**
	SUNSET (UVM)					**744873.55**	**417472.87**	**4359.99**	**744873.55**	**417472.87**
	MACBETH (UVM)					**744874.7**	**417472.81**	**4351.2**	**744874.7**	**417472.807**
W-Chin Pass Point	**Origin West Chin Low**	**32.62**		**00.00.00**	**W. Chin Quad origin**					
W-Chin Pass Point	*Tower left*			54.28.15	W. Chin Quad origin					
W-Chin Pass Point	*Tower middle*			55.14.45	W. Chin Quad origin					
W-Chin Pass Point	*Tower right*			55.48.40	W. Chin Quad origin					
W-Chin Pass Point	*Origin Thunderbolt Gap Quad*	43.28		156.33.00	W. Chin Quad origin					