

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	417937.917	4393.35		
	Chin-USCGS Monument							4393.349	<i>745143.691</i>	<i>417937.917</i>
Chin-USCGS Monument	MACBETH	94.09	352.18.25	123.03.05	W-Chin Pass Point					
Chin-USCGS Monument	SUNSET (monument hole)	164.085	356.23.20	336.16.55	W-Chin Pass Point					
Chin-USCGS Monument	W-Chin Pass Point	195.301	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	744737.883	417766.3
	SUNSET (UVM)					744873.55	417472.865	4359.99	744873.552	417472.865
	MACBETH (UVM)					744874.7	417472.807	4351.2	744874.695	417472.807
W-Chin Pass Point	Origin West Chin Low	32.617		00.00.00	W. Chin Quad origin					
W-Chin Pass Point	<i>Tower left</i>			54.28.15	W. Chin Quad origin					
W-Chin Pass Point	<i>Tower middle</i>			55.14.45	W. Chin Quad origin					
W-Chin Pass Point	<i>Tower right</i>			55.48.40	W. Chin Quad origin					
W-Chin Pass Point	<i>Origin Thunderbolt Gap Quad</i>	43.283		156.33.00	W. Chin Quad origin					