

Long-term Sites to Local Monuments  
Reference Survey

<b>Table 1 - General Location Control Data</b>				Based on NAD 1927						
<b>Theodolite Location</b>	<b>Target Location</b>	<b>Distance Meters</b>	<b>Vertical Angle DMS</b>	<b>Horiz. Angle DMS</b>	<b>H-Angle Reference DMS</b>	<b>UVM/VCS Northing Meters</b>	<b>UVM/VCS Easting Meters</b>	<b>UVM Trig Elevation</b>	<b>VCS Northing Meters</b>	<b>VCS Easting Meters</b>
	<b>CHIN (UVM- Triangle hole)</b>					<b>745144.19</b>	<b>417937.917</b>	<b>4393.35</b>		
	<b>Chin-USCGS Monument</b>							<b>4393.349</b>	<i>745143.691</i>	<i>417937.917</i>
Chin-USCGS Monument	<b>MACBETH</b>	94.09	352.18.25	123.03.05	W-Chin Pass Point					
Chin-USCGS Monument	<b>SUNSET (monument hole)</b>	164.085	356.23.20	336.16.55	W-Chin Pass Point					
<b>Chin-USCGS Monument</b>	<b>W-Chin Pass Point</b>	<b>195.301</b>	<b>347.38.55</b>	<b>00.00.00</b>	<b>W-Chin Pass Point</b>					
Chin-USCGS Monument	<b>CHIN - UVM triangle/hole</b>	0.5	0	180 magn	magnetic north					
	<b>TERRYBETHS (UVM)</b>					<b>744737.88</b>	<b>417766.3</b>	<b>4359.6</b>	<b>744737.883</b>	<b>417766.3</b>
	<b>SUNSET (UVM)</b>					<b>744873.55</b>	<b>417472.865</b>	<b>4359.99</b>	<b>744873.552</b>	<b>417472.865</b>
	<b>MACBETH (UVM)</b>					<b>744874.7</b>	<b>417472.807</b>	<b>4351.2</b>	<b>744874.695</b>	<b>417472.807</b>
<b>W-Chin Pass Point</b>	<b>Origin West Chin Low</b>	<b>32.617</b>		<b>00.00.00</b>	<b>W. Chin Quad origin</b>					
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					