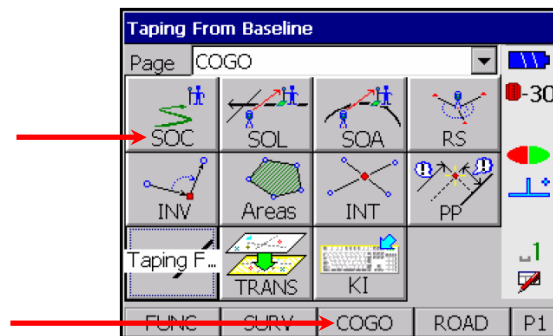


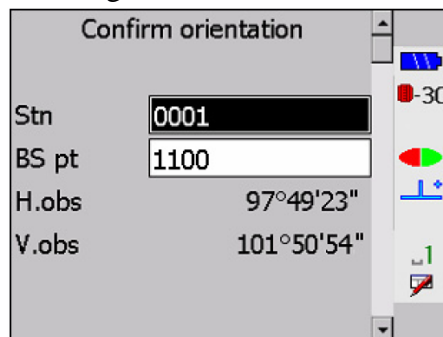
# SOKKIA - SETX

## Set Out Coordinates

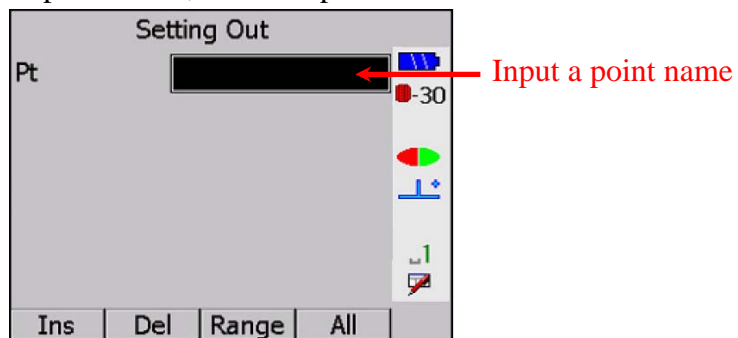
1. Select **SET OUT COORDS (SOC)** from the **COORDINATE GEOMETRY (COGO)** menu.



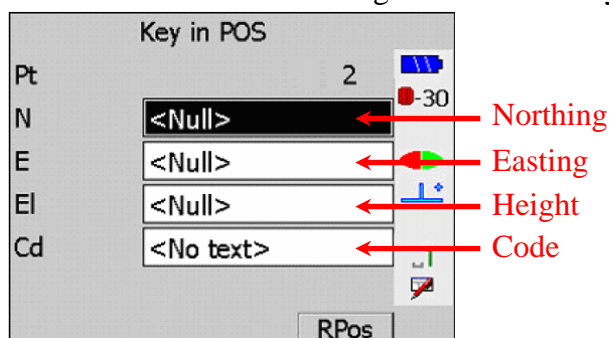
2. Set up the station and backsight as usual.



3. At **Setting Out**, input a point name, and then press **ENTER**.

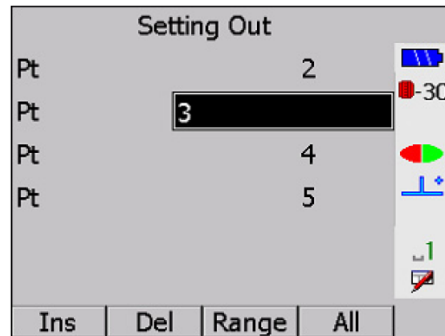


4. Further point information needed to be entered. (If SETX find same point name for job, those point data was transferred for setting out automatically).

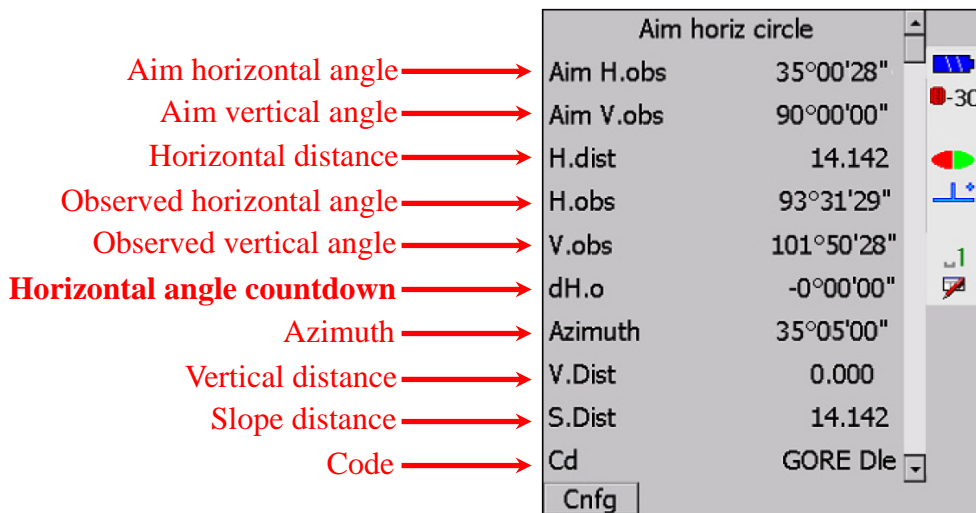


# SOKKIA - SETX

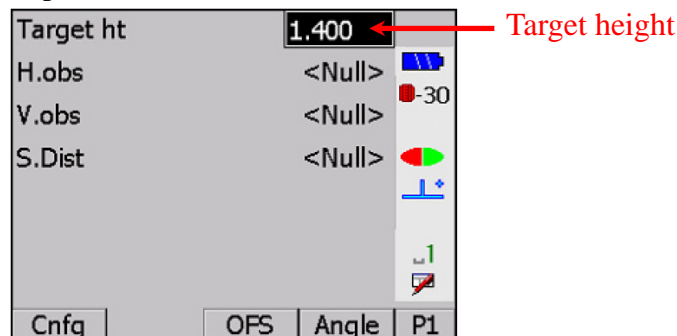
- After inputted all point that needed to be set out, highlight a point from the list and press **ENTER**.



- The screen shows all the information required to set out the point. Align the instrument until the horizontal angle countdown reaches zero, then direct the prism pole in line. Press **Trigger key** to get reading.



- Enter target height and press **FUNC CTRL + ENTER**.



# SOKKIA - SETX

8. The screen shows information for setting out the plan position of point. Press **ENTER** to continue to set the point vertically.

\*\* If setting out point vertically is not needed on your job, press **Store (F2)** as a shortcut to store results and return to the point selection screen.

Distance to move either left of right (instrument operator's point of view)	→	Right	41.003	
Distance to move either in or out	→	In	40.549	[-30]
Amount of cut or fill that the observed position represents relative to the design point	→	Fill	1.836	
Aim horizontal angle	→	Aim H.obs	168°59'36"	[0]
Aim vertical angle	→	Aim V.obs	89°01'50"	[+]
Observed horizontal angle	→	H.obs	35°54'24"	[1]
Observed vertical angle	→	V.obs	111°57'21"	[1]
		Cnfg	Store	Target

9. The screen shows information for setting out the vertical position of point. Press **ENTER** when satisfactory height has been set out.

Amount of cut or fill that the observed position represents relative to the design point	→	Fill	0.777	
Aim vertical angle	→	Aim V.obs	88°06'11.8"	[-30]
Cut offset (normally zero)	→	Cut o/s	0.000	
Observed horizontal angle	→	H.obs	323°19'56.0"	[0]
Observed vertical angle	→	V.obs	89°16'34.0"	[+]
		Cnfg	Store	Target

10. The setting out data can be stored by selecting **Yes (F1)** when the setting out procedure is completed.

Store Result		
Cd	<No text>	[-30]
Pt	3	
Δ North	0.927	[0]
Δ East	0.237	[+]
Cut	<Null>	[1]
Yes	No	

11. **Setting Out** screen will be display, the pervious set out point was out of list, other points can be selected for setting out.