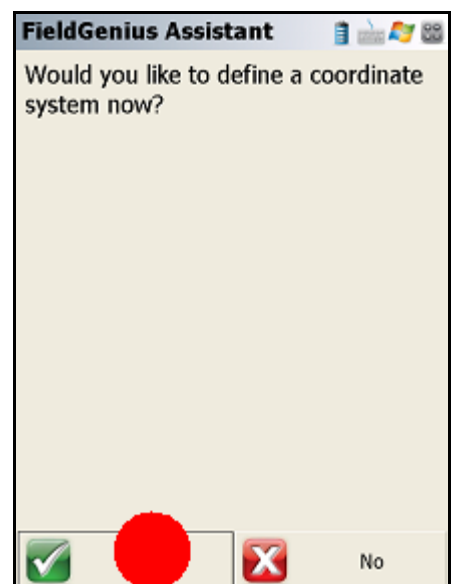
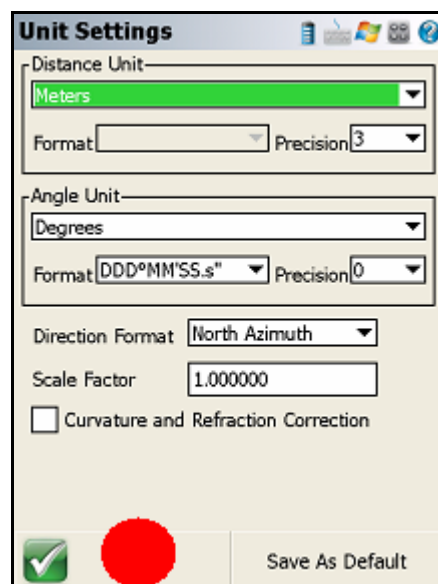
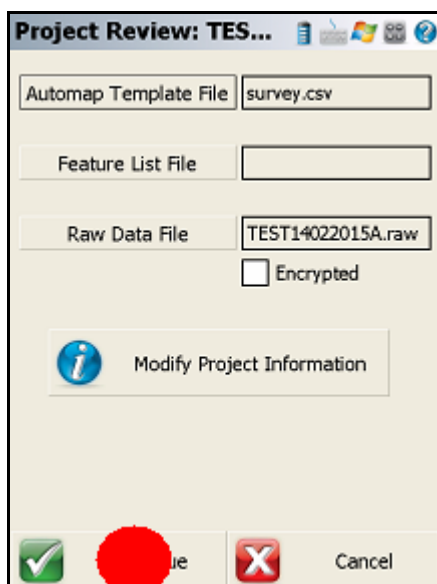
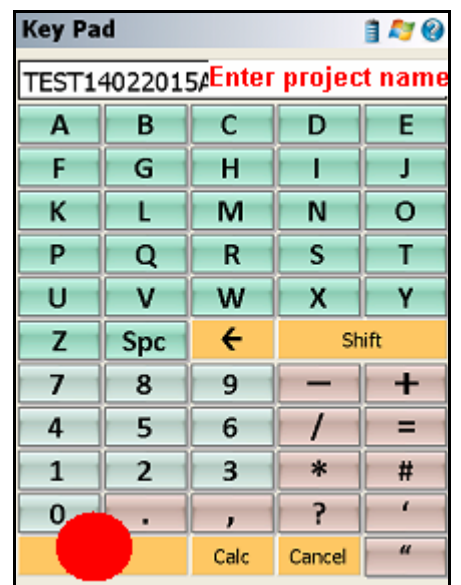
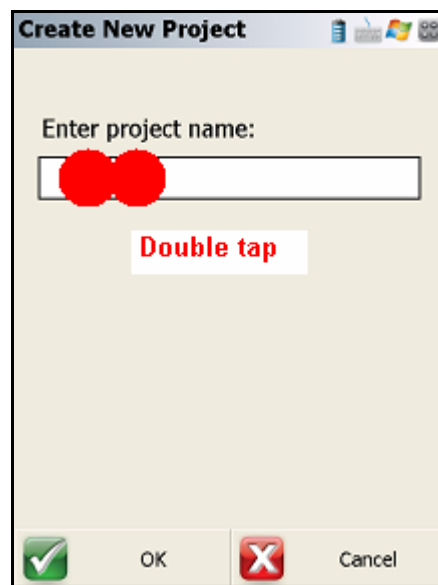
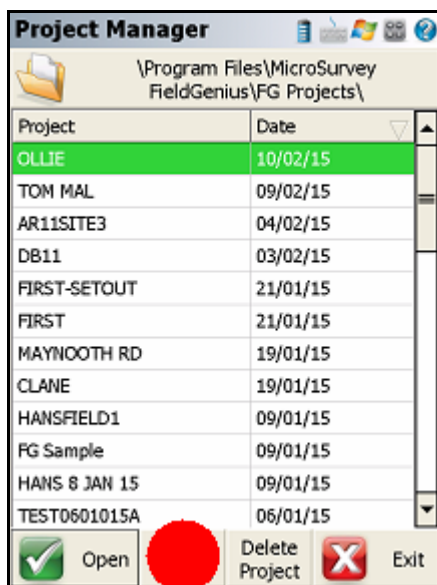
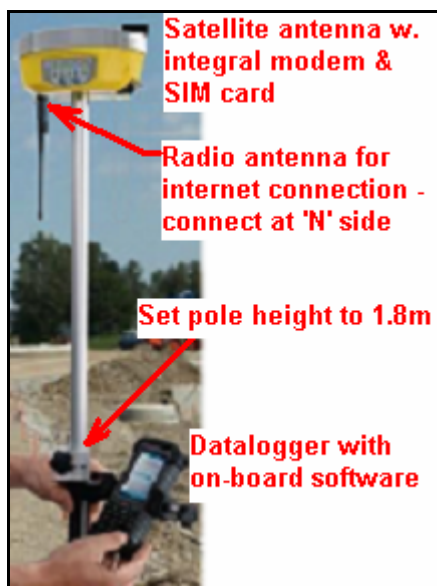


HOW TO SURVEY WITH GEOMAX ZENITH20 & FG6



Coordinate System S...

Horizontal

System: **Ireland-ITM** Edit List

Info: IrishGrid1975, OSGB-GPS-2002, OrdinalSurvey, Reference Frame, System of 1980

Vertical

System: **osgm02_RoI.bos**

☒ Save As Default ☐ Cancel

Instrument Selection

Instrument Type

☐ Total Station ☒ **GNSS Rover**
☐ Total Station Demo ☐ GNSS Reference
☐ None ☐ GNSS Demo

Instrument Profile: **Zenith20**

Add Delete Edit

Profiles contain equipment settings and measurement tolerances.

Connect the data collector to the instrument and switch the power on prior to pressing the 'Connect' button.

☒ Connect ☐ Close

Link Configure

Link Device: **GSM Module** Setup

Link Communication

GNSS: **Internal**

Baud: 115200

Data Baud: 115200

Stop Baud: 115200

Data Baud: 115200

RTCM: 1000

Station ID: **Any**

☒ Connect ☐ Close

NTRIP Caster Options

Request Sourcetable

Request point 'TVN_RTCM_31'

☒ Cancel

MapView

PDOP: 2.2

Antenna: 1.800m

Standard Measure

20m

DGPS

<No Line>

Next ID: 1 <No Desc>

MapView

PDOP: 2.2

Antenna: 1.800m

Standard Measure

20m

RTK Fixed

Must be RTK Fixed to survey

<No Line>

Next ID: 1 <No Desc>

GNSS Measurement

Solution: **RTK Fixed**

Satellites: **6**

PDOP: **2.20**

Real Time

Status: **Accepted**

Horz StdDev: **0.013m**

Vert StdDev: **0.018m**

Post Process

Status:

Total Time:

☒ Store Point ☐ Cancel

Store Point

Point ID: **1**

Description: List

Northing: 5523092.371m

Easting: 311579.774m

Elevation: 382.123m

Note: Tap to enter

Antenna: **1.800m**

Antenna height

Review Measurement Advanced GIS Attributes

☒ Store Pnt ☐ Cancel

MapView

PDOP: 4.7

Antenna: 1.800m

Standard Measure

20m

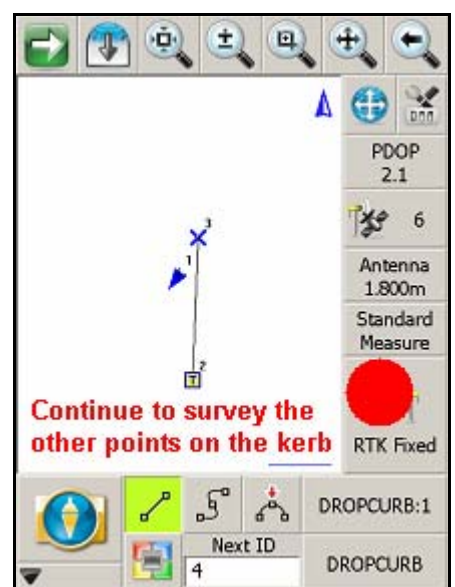
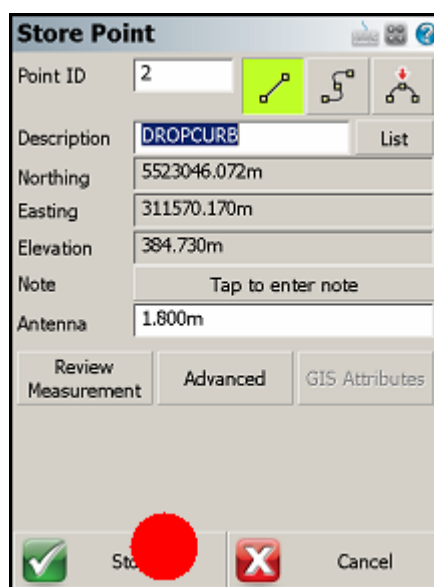
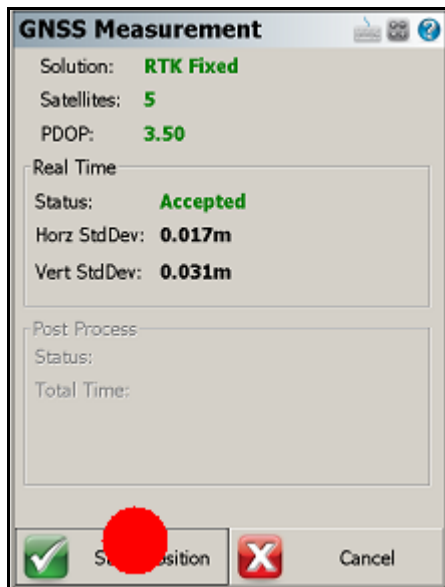
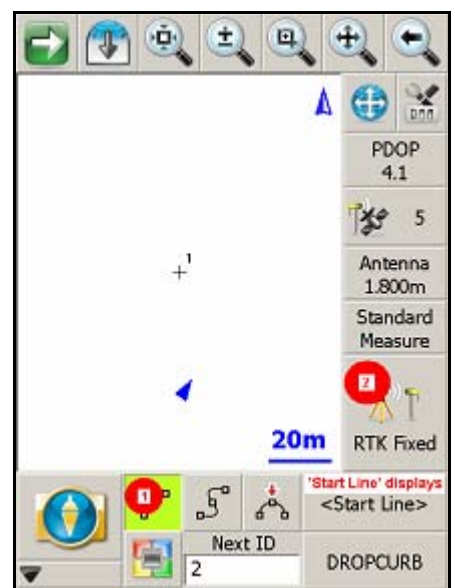
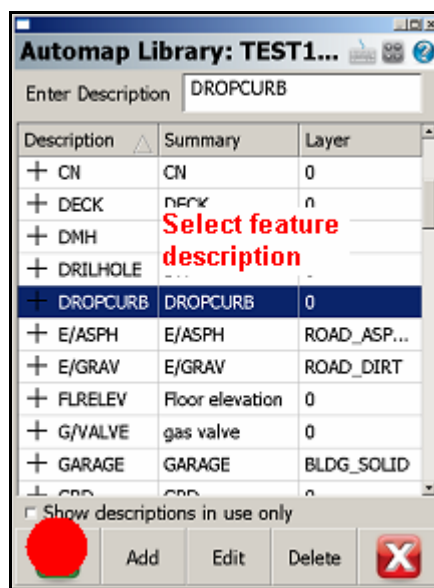
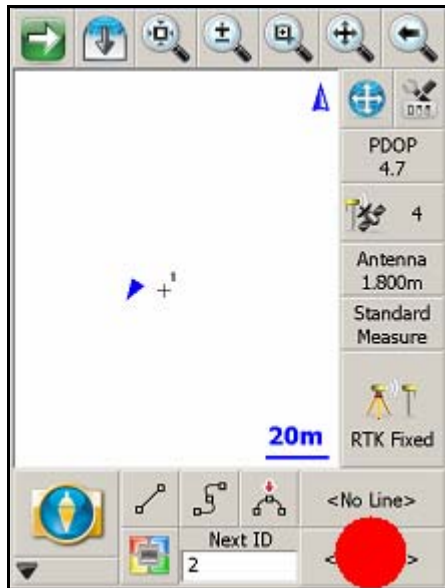
RTK Fixed

Surveyed point

<No Line>

Next ID: 2 <No Desc>

SURVEYING LINES & FEATURES



Alternative to selecting feature description from list: Enter your own feature code:

Automap Library: TEST1...

Enter Description **Enter text in the description field**

Description	Summary	Layer
+ B/BANK	B/BANK	LANDSCAP
+ B/WALL	B/WALL	RET_WALLS
+ BOREHOLE		0
+ C/L	C/L	0
+ CAPPEDP	CAPPEDP	0
+ CB	CB	0
+ CHLFENCE	CHLFENCE	FENCE_LINE
+ CN	CN	0
+ DECK	DECK	0
+ DMH	DMH	0
+ DMH	DMH	0

☐ Show descriptions in use only

☒ ☐ ☒

Automap Editor - BLD

Summary

Point Symbol

Point Size

Point Colour

Line Colour

Layer Name

☒ Connect points with line
☒ Do not assign to DTM

Select the layer from the drop down menu

☒ ☐ ☒ ☐

Automap Library: TEST1...

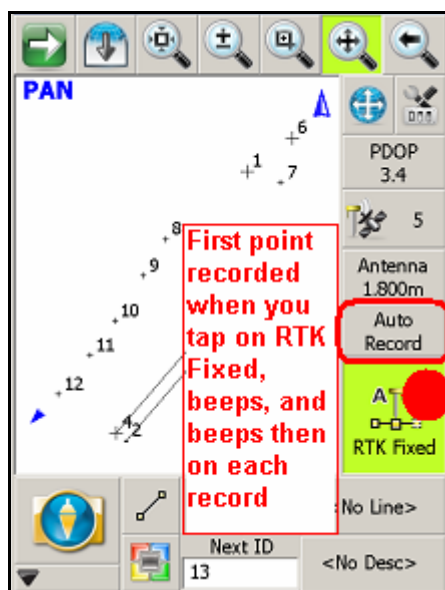
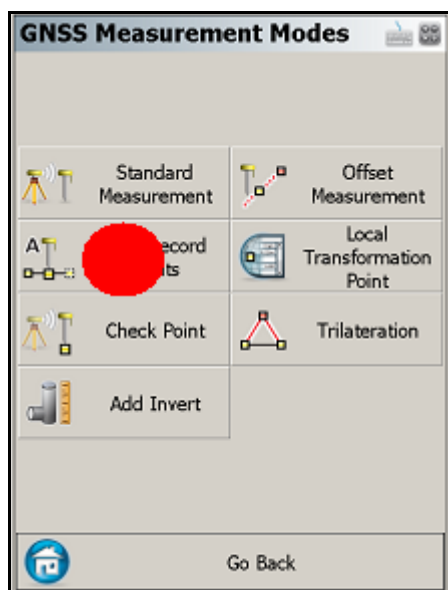
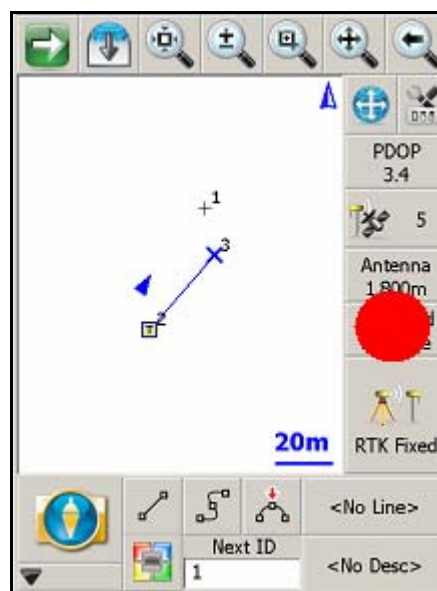
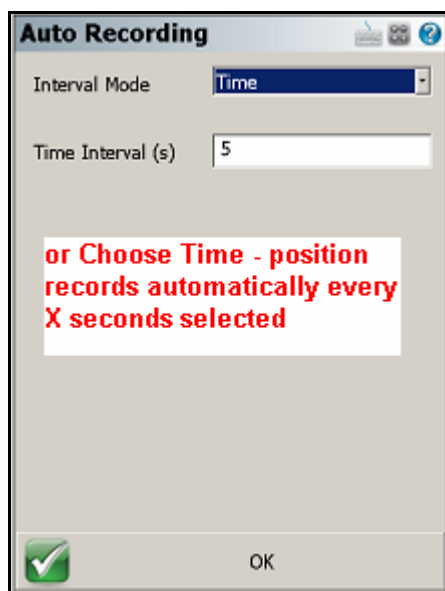
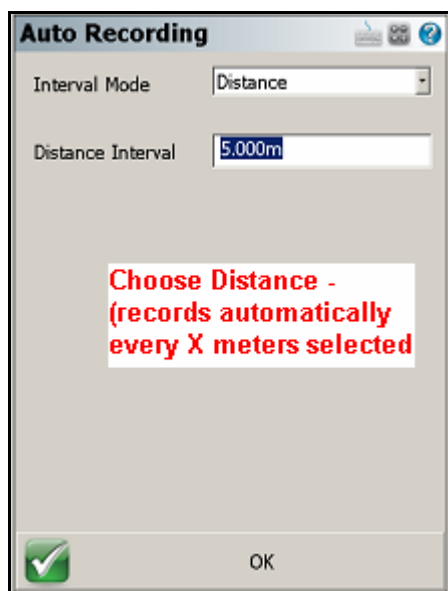
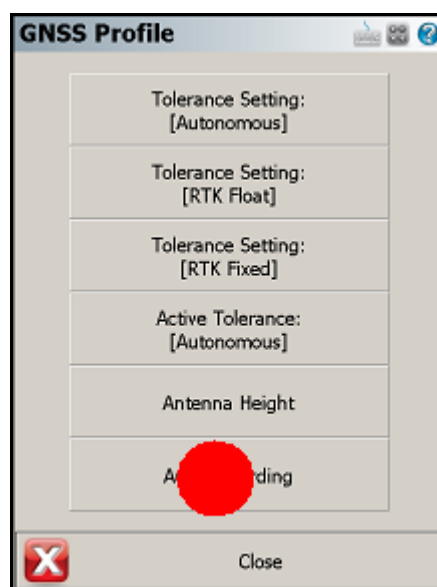
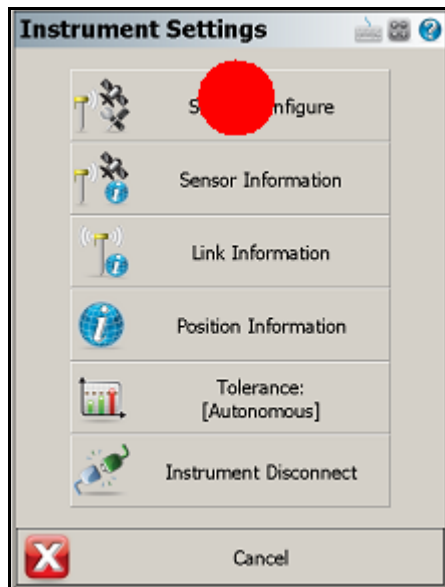
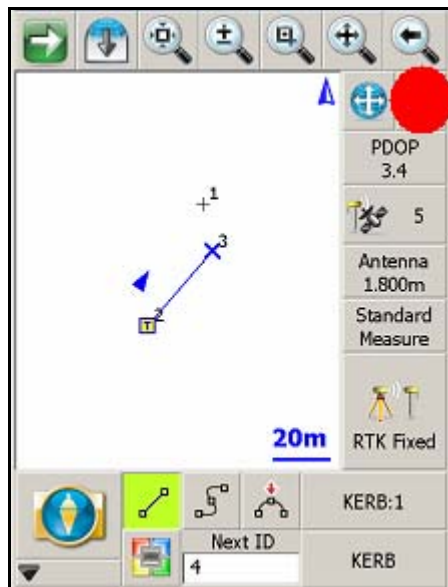
Enter Description

Description	Summary	Layer
+ ANCHOR	ANCHOR	0
+ ASPHCURB	ASPHCURB	ROAD_ASP...
+ B/BANK	B/BANK	LANDSCAP
+ B/WALL	B/WALL	RET_WALLS
✕ BLD	BLD	BLDG_SOLID
+ BOREHOLE		0
+ C/L	C/L	0
+ CAPPEDP	CAPPEDP	0
+ CB	CB	0
+ CHLFENCE	CHLFENCE	FENCE_LINE
+ CN	CN	0

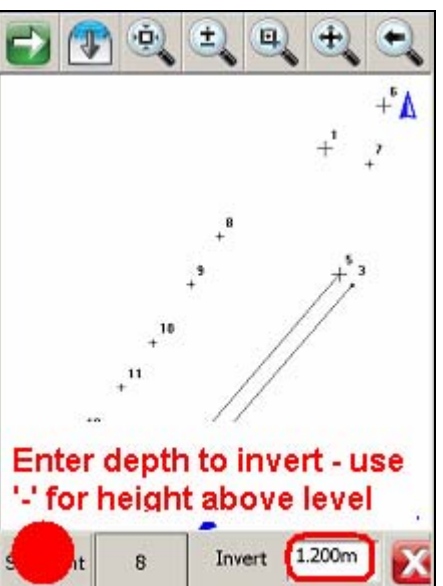
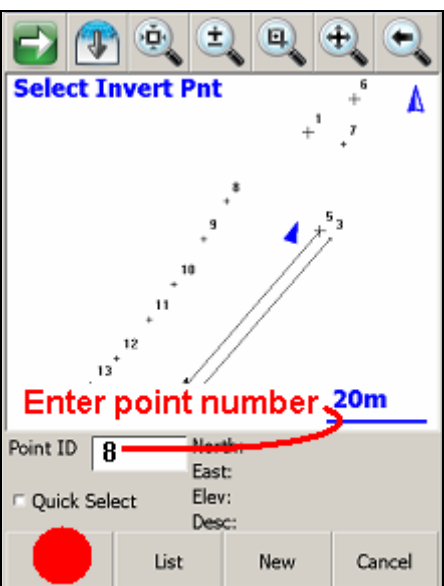
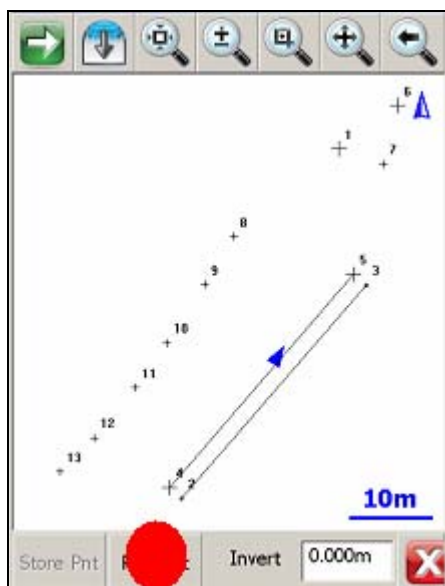
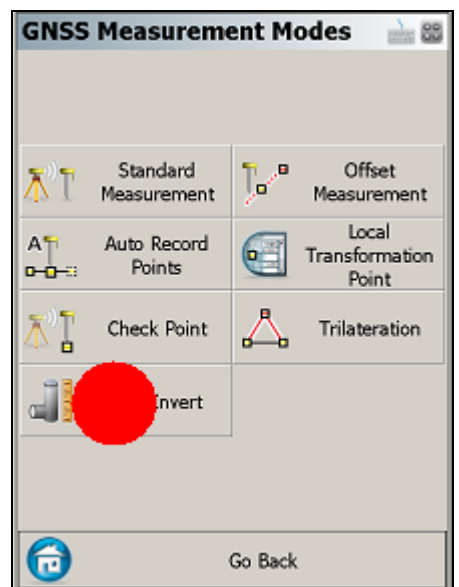
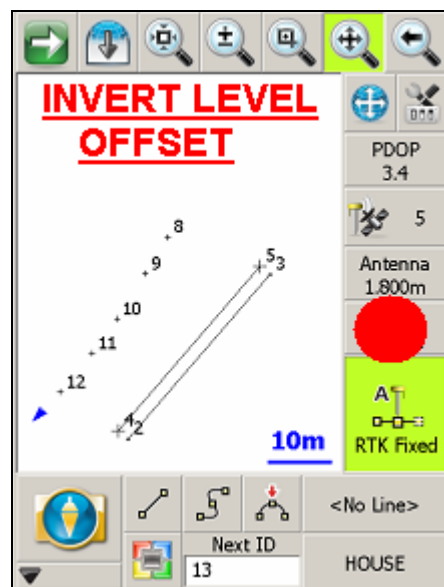
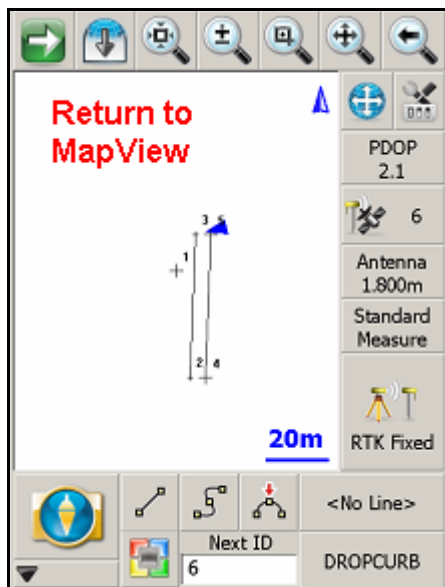
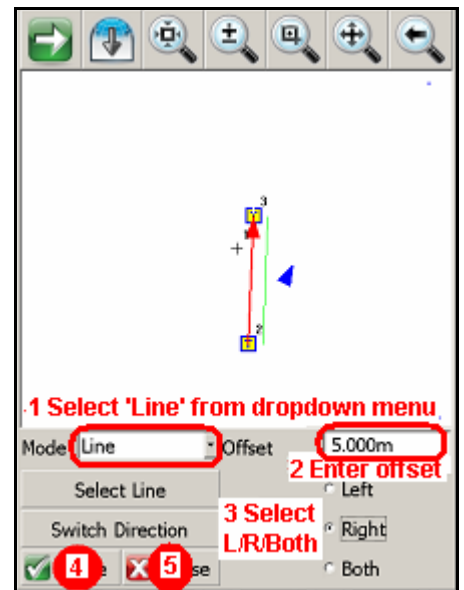
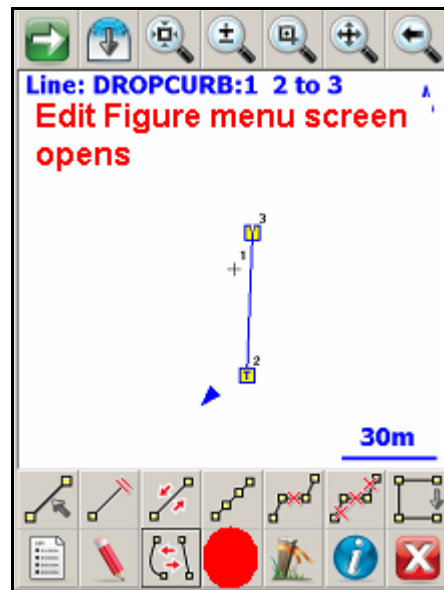
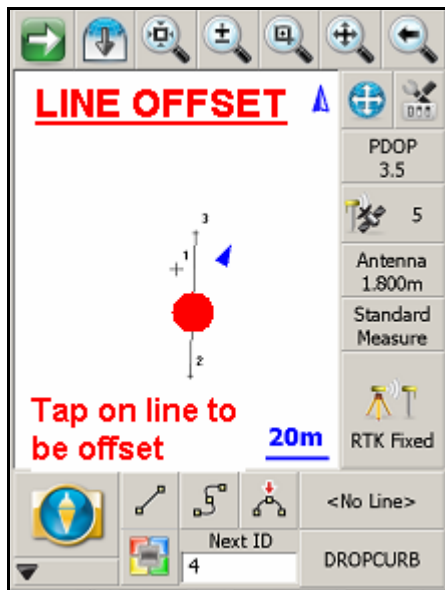
☐ Show descriptions in use only

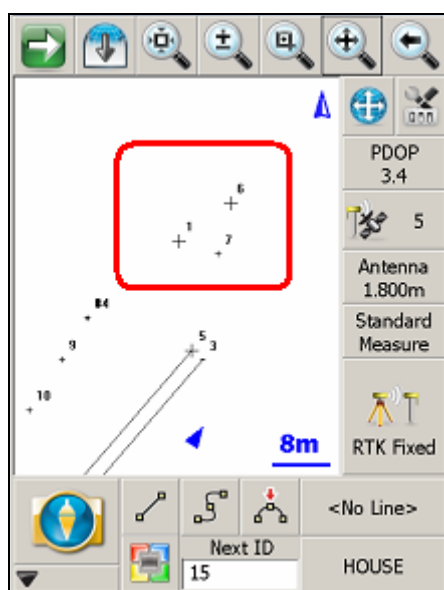
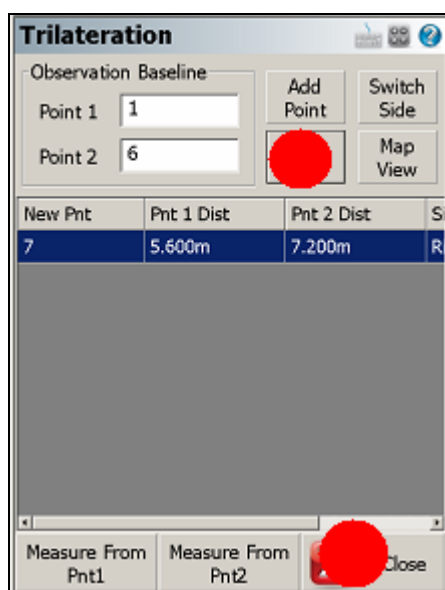
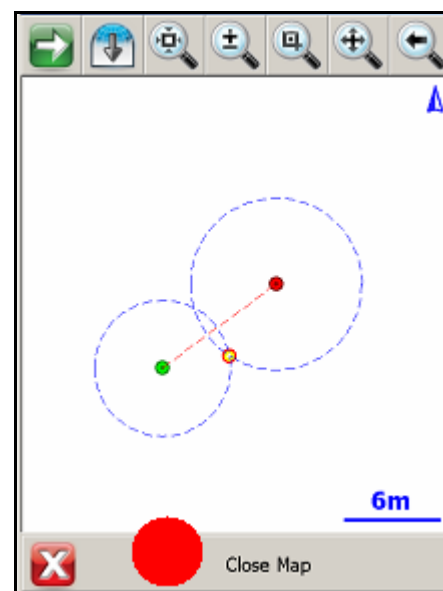
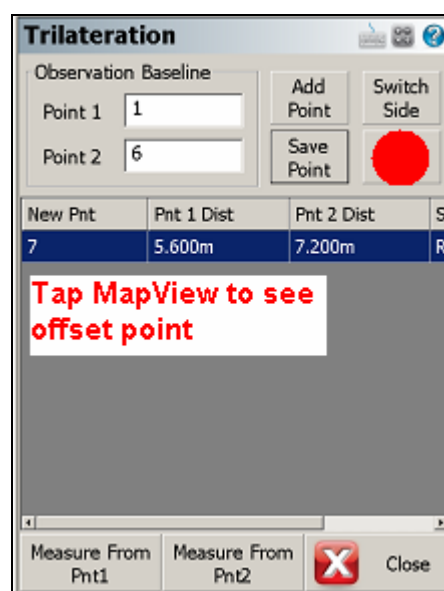
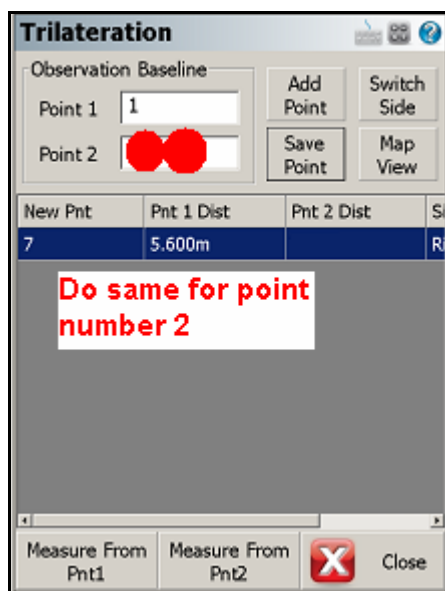
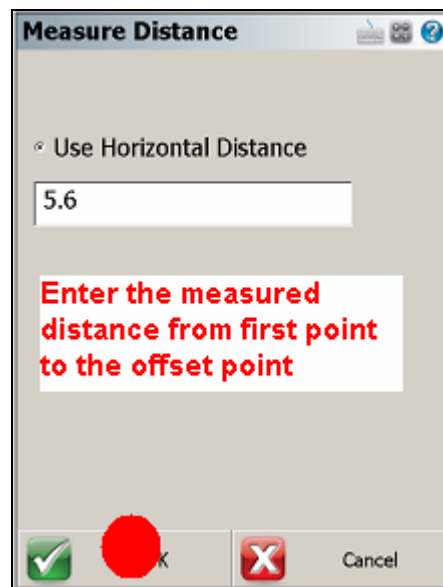
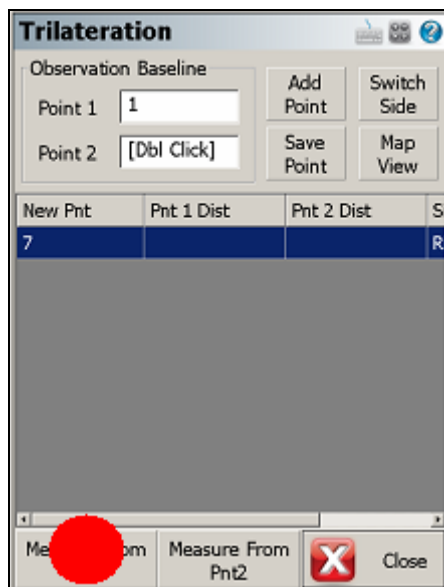
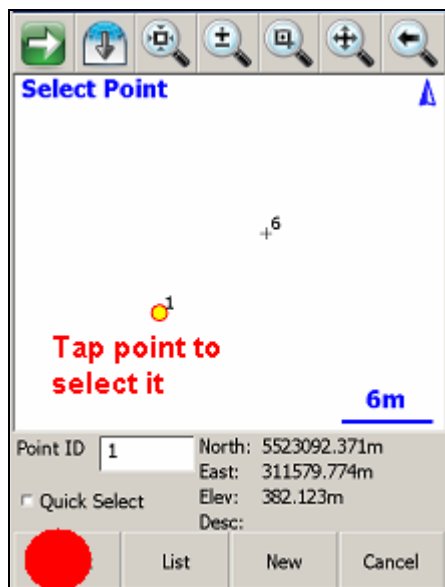
☒ ☒

AUTO-RECORDING



OFFSETS





DOWNLOADING

