



DETAIL SURVEY PTY LTD

ABN 64 092 451 833

SOFTWARE TRAINING

DETAIL SURVEYS

DATA PROCESSING

User,

To use field codes with SDR data collectors do the following:

- 1) Command code delimiter [*****]
 - a. The command delimiter [*****] is typed after the string number / feature code and before the field code
 - i. eg 01KT*****S
- 2) Comment delimiter [**space**]
 - a. The comment delimiter [**space**] is typed after the string number / feature code and before the comment
 - i. Eg TR0406 PINE
- 3) Check code [**CHK**]
 - a. Check readings to known point can be entered using **CHK** code followed by the known point number
 - i. Eg **CHK**902
- 4) Close string [**C**]
 - a. To automatically close a string, add field code **C** to the end of the last feature code reading for the string
 - i. Eg 01BB **C**
- 5) Create rectangle (3 point) [**R**]
 - a. To create a rectangle from three readings, add field code **R** to the end of the last feature code reading for the string
 - i. Eg 01TE **R**
- 6) Create rectangle (2 point) [**RE**]
 - a. To create a rectangle from two readings, add field code **RE** to the end of the last feature code reading for the string along with an offset. (-ve for left or +ve for right)
 - i. Eg 01TE **RE**0.3 or 01TE **RE**-0.3
- 7) Start arc [**S**]
 - a. To start a series of 3 point arcs, add field code **S** after the feature code at the first tangent point
 - i. Eg 01KT **S**
- 8) End arc [**E**]
 - a. To end a series of 3 point arcs, add field code **E** after the feature code at the last tangent point
 - i. Eg 01KT **E**
- 9) Pipe readings to invert or obvert levels [**I**] or [**O**]
 - a. To take a reading to the invert or obvert level of a pipe add field code **I** or **O** after the feature code and type in pipe diameter
 - i. Eg 01SW **I**0.75 or 01SW **O**0.225
- 10) Null height of a reading [**NH**]
 - a. To null the height of a reading add field code **NH** after the feature code. This is different to setting a point's tinability.
 - i. Eg TR0506 **NH**



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11) Templates

- a. Record a template [**XA**]
 - i. To start recording a template add field code **XA** after the first feature code on a cross section
 1. eg 01FP **XA**
- b. Start a template [**XB**]
 - i. To start running a template type in **XB** as the only coding for the reading
 1. eg **XB**
 - ii. **Remember to delete the code for all subsequent template readings**
- c. Pause a template [**XD**]
 - i. To pause a template type in **XD** as the only coding for the last reading prior to pausing the template
 1. eg **XD**
- d. Continue a template [**XE**]
 - i. To continue a template after taking extra readings, type in **XE** as the only coding for the first reading back on the template.
 1. eg **XE**
 - ii. **Remember to delete the code for all subsequent template readings**
- e. Skip a template reading [**XF**]
 - i. To skip a template reading, type in **XF** as the only coding after skipped point.
 1. eg **XF**
 - ii. **Remember to delete the code for all subsequent template readings**
- f. End a template [**XC**]
 - i. To end a template type in **XC** as the only coding for the last template reading
 1. eg **XC**

12) Make point non tinable [**XP**]

- a. To change the tinability of a reading to non tinable, add field code **XP** after the feature code
 - i. 01FE **XP**

13) Make previous segment of string non tinable [**XL**]

- a. To change the tinability of the previous segment of a string being surveyed, add field code **XL** after the feature code of the reading following the non tinable segment
 - i. 01FE **XL**

14) Make next segment of string non tinable [**XN**]

- a. To change the tinability of the following segment of a string being surveyed, add field code **XN** after the feature code of the reading prior to the non tinable segment
 - i. 01FE **XN**

Regards Noel Burton