Chapter 3 - Working with InRoads Survey – Overview

Fieldbook Data dialog

The **Fieldbook Data** dialog in InRoads Survey allows the user to manage survey data. In addition to viewing the station and observations, the dialog allows editing and adding points to the fieldbook.

• From the pull-down menu, select Survey > Fieldbook Data...

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555920.932	82335.46	545.91 1	078	FA	
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558527.832	279643.16	585.79 1	077	FAN	
555913.332	280349.766	508.33 1	075	F	
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Dialog Items

• Survey Options - opens the Survey Options dialog box.

🔣 Survey Options					x
General Units S	ymbology	Corrections	Observation S	tandard Deviation	
Chord Height:	0.010000				
Point Seed:	1			Help	1
Figure Seed:	1				1
Cell Scale:	100.00				
Text Scale:	20.00	Fiel	dbook Audit Trai	I File Name:	
Line Scale:	100.00				
File Options	Errors		Save Computed	Coordinates	
Log Code Error	s		Add/Edit Audit T	rail	
Convert Numer	ic Codes to	Correspond	ing Alpha Codes	on Import	
View Options					
Automatic Refr	esh	v	Segregate Text I	by Symbology Level	
Automatic Upda	ate of Surfa	ice			
Planimetric Setting	s				
Use Custom Op	perations	1	Attach Default T	ags	
Use Symbols		1	Attach Attribute	Tags	
Use Cells					
Include Custom	Operation	s, Symbols a	nd Cells in Single	e Cell	J
	ОК	Preferen	ces Car	ncel	_

• Survey Style Filter - opens the Survey Style Filter dialog box.

🔣 Survey Style Filter	
Filter Name: <unnamed></unnamed>	ОК
Start With: All None	Cancel
Build Selection	Save
Properties: Description	Save As
Value:	Delete
Mode: Include Exclude 	Values
Add Rule Replace Rule	Help
Rules:	
Include All Codes	Move Up
	Move Down
	Delete Rule
	Clear All

- E Report opens the Save dialog box to generate a report.
- **Note:** The report is generated based on what stations/observations are selected prior to clicking the report button. To generate a report on the entire fieldbook select all the Stations in the fieldbook then click the **Report** button.

Point Code Find and Replace	8
Find what:	Next Error
Replace with:	Find Next
Match whole word only	Replace
Match case	Replace All
	Close
	Help

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- **Select Figure** will only locate the nearest planimetric feature or chainage. The fieldbook will highlight the start of the chainage.
- Insert Parallel Point will add an additional point to a chain based on an existing reference chain.
- **Duplicates** filters only duplicate points found in the Stations or Observations. To view duplicate points select it from the drop down box.

Duplicate Points General Rules:

Rule # 1

If a Point Name is duplicated in a Station Setup then the two points are averaged.

Station 764

Observation 2000

Observation 2000

Observation 2001

Observation 2002

Rule #2

If a Point Name is duplicated in two different Station Setups the points are not averaged and each point is used.

Station 764

Observation 2000

Observation 2001

Observation 2002

Station 766

Observation 2000

Observation 3001

Observation 3002

Note: For more information on how duplicate points are handled in InRoads Survey select the Help button.

Stations

The top half of the dialog is the Stations or Instrument setup point.

Chainage

Chainage commands are a useful way to locate displayed planimetric features. Use the buttons First \mathbb{K} , Previous \mathbb{K} , Next \mathbb{R} , and Last \mathbb{R} to conveniently follow a chain.

Observations

The bottom half of the dialog is the Observations or topo shots from the corresponding instrument setup.

🚺 Fieldbook	Data - 12345	Solv_Heldi	DOOK					
	**	Duplicates	Only	Ŧ		Help		
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GAP 27_33							-	 Stations
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Chainage: Observations: Point Name 106	 1078 Northing 1558562.8. 	Easting 3282329.6.	▼ > Elevation6505.88	Code 1078	Status FA	s ^	+	— Chainage
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Chainage: Doservations: Point Name 106 107 2070 105	Northing 1558562.8. 1555920.9. 1555976.4. 1558527.8.	Easting .3282329.6. .3282335.4. .3281511.3. .3279643.1.	 Elevation .6505.88 .6545.91 .6574.93 .6585.79 	Code 1078 1078 1075 1077	Status FA FA F FAN	*	+	Chainage
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