

SURVEY MAPPER

SURVEY FIELD TO FINISH AUTO DRAW SOFTWARE



SURVEY MAPPER SUPPORTS

Projects Supported:

- Utilities, Railroad, Pipeline, Right-of-Way, GIS, CAD, DOT, PHMSA, FERC, FEMA, PUBLIC, RRC

Processes Automated:

- Surveying Field to Finish, Trimble TBC FXL, Autodesk C3D DWG, GIS

Trimble TBC FXL file:

- Comes with a ready-to-work Trimble TBC “FXL” file for Surveying
- All codes are configurable
- Ready to load

Autodesk AutoCAD C3D file:

- Comes with a Autodesk AutoCAD C3D Survey Database Engine
- Automates linework draw-up with blocks, symbols layers and 32 attributes
- All codes, blocks, layers, linetypes are configurable

Formats Supported:

- Trimble, Autodesk C3D, Microsoft Excel, CSV

Survey Mapper Support

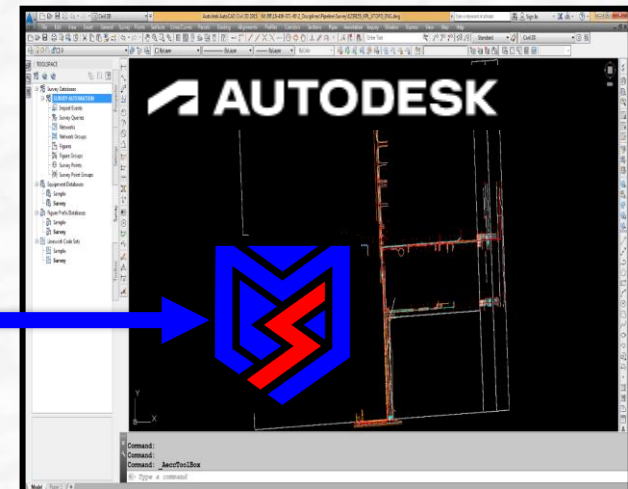
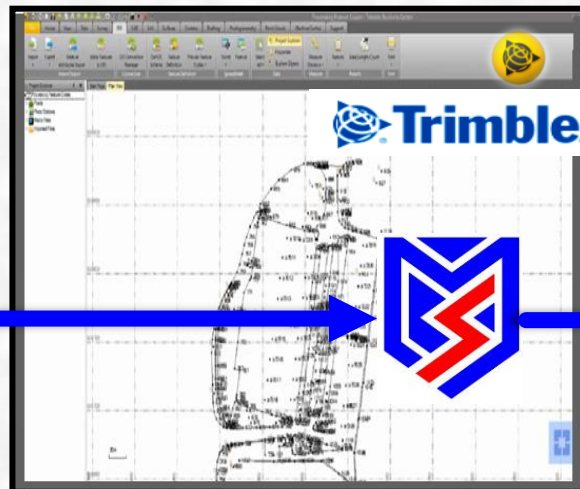
- 1) Includes Survey Mapper FXL Codes
- 2) Includes Survey Mapper DWG Codes
- 3) Matching Survey Codes
- 4) Construction Standards
- 5) Survey Management Plan
- 6) CADD Survey Database Settings
- 7) Survey Description Key Code List
- 8) Field to Finish Standards
- 9) Survey Finish Tool
- 10) Free eLearning Video Training

Survey Management Plan																										
Project #										Not Started <input checked="" type="checkbox"/>		Started <input type="checkbox"/>		Issues <input type="checkbox"/>	Complete <input type="checkbox"/>	Approved <input checked="" type="checkbox"/>										
Project Name																										
Description																										
										CONSTRUCTION					AS-BUILT											
Item No.	Survey Work Task	Start Date	Re-route	Inhibit	Or-Way	ings	ocating	nds	ore	Locations	Rational	omtractor	Locations	nds	as	Key #	Joint #	Heat #	Code #	nce #	er Site	eads	Welds	ns	ng Signs	End Date

Survey Finish Tool

9/16/2021

Clean Survey Data Start at Column E	Search & Replace the Table List of Text in Sheet1	Clear Table List of Text	Combine Survey Data Columns F-Z to AA	Parse Survey Data Start at Column E	Search & Descriptor L
Clean Survey Data	Search	Replace	Add Prefix Text	Combine ALL Sheets into One Sheet	COUNTY
EPL			Add Suffix Text	Delete All Duplicate ROWS from A1-AA	PRIVATE
FC			Reverse Text		FM
FO			GIS Descriptor Labels to Change		LEASE
OHE			Roads		FIELD
RDCL			C/L HIGHWAY 249, ASPHALT, 50' WIDE		DIRT
			\U+2104 OF ROAD, DIRT		DRIVEWAY
			Waterways		PRIVATE
			C/L BIG BEND RIVER, 120' WIDE		US HWY
			\U+2104 TOMS CREEK, 54' WIDE		INT HWY
			Pipelines		LOOP
			16" BRAZOS MIDSTREAM PIPELINE, CRD, UG, 5' DOC		BAYOU
			6" SHELL PIPELINE, GAS, AG		CANAL
					LEVEE
					ENTERPRISE



Survey Mapper Autodesk Support

- 1) Comes with a AutoCAD Civil 3D Survey Mapper Template
- 2) Survey Database Settings
- 3) Survey Equipment Database
- 4) Figure Prefix Database
- 5) Linework Code Sets
- 6) Point Styles, Label Styles

- 7) Point File Format
- 8) Description Key Sets
- 9) Point Labels
- 10) Table Styles
- 11) AECC Conversion lisp/scripts
- 12) 1000's Layers, Blocks, Linetypes

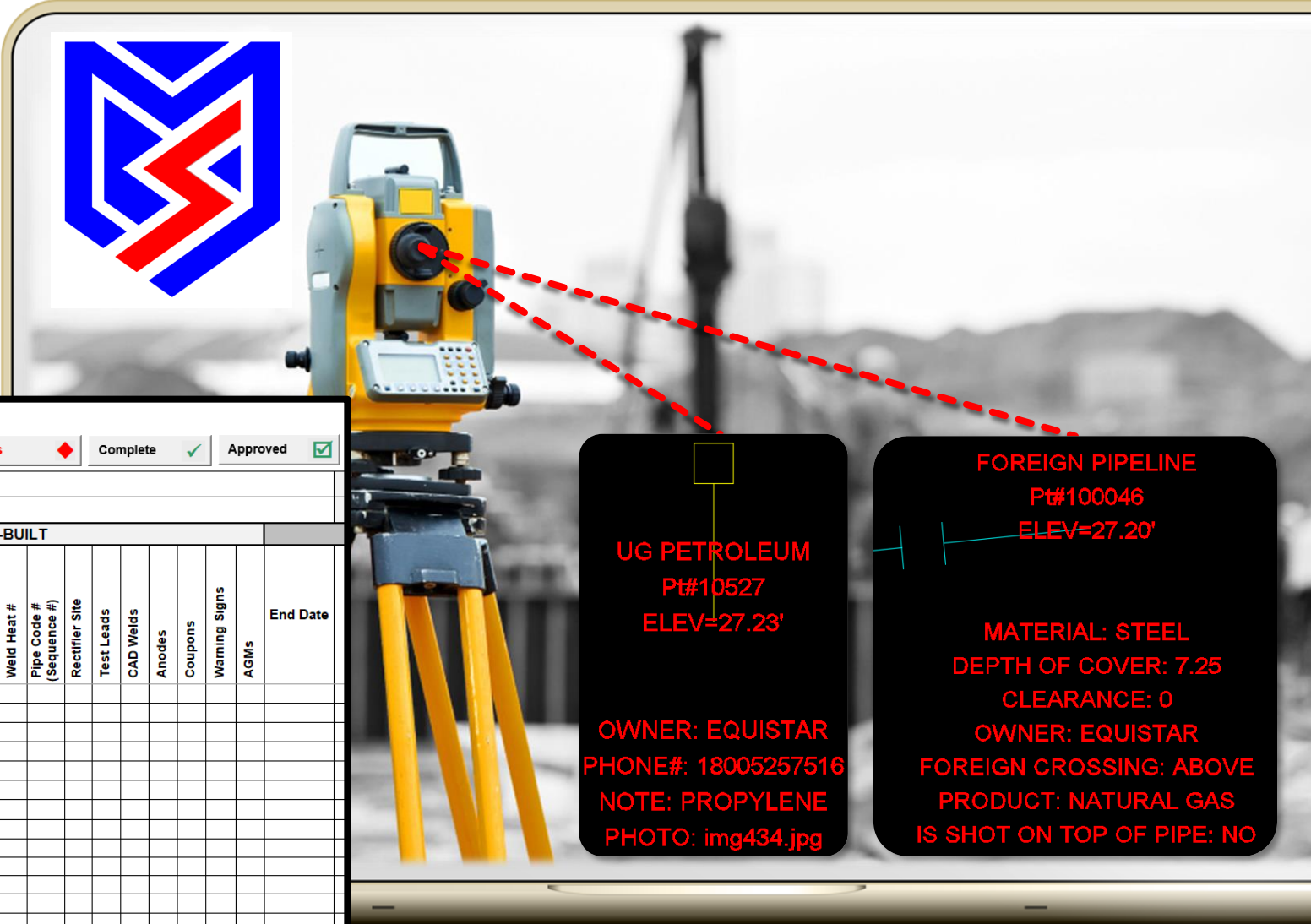


1 of the monitored system variables has changed from the preferred value. Use SYSVARMONITOR command to view changes.
**** No System Variable Changed ****


Type a command

SURVEY MANAGEMENT SUPPORT FOR ALL PROJECT PHASES

The Survey Management Plan will give your Survey Managers complete transparent support for the best communications for all expected deliverables. This line item tool is built for utility and pipeline preliminary, construction and as-built project phases.



Survey Management Plan																											
Project #												Not Started <input type="checkbox"/>	Started <input type="checkbox"/>	Issues <input type="checkbox"/>	Complete <input type="checkbox"/>	Approved <input type="checkbox"/>											
Project Name																											
Description																											
Item No.	Survey Work Task	Start Date	CONSTRUCTION												AS-BUILT										End Date		
			Alignment / Reroute	Plat Exhibit	Right-of-Way	Crossings	Topo	Line Locating	Wetlands	HDD Bore (X-Y-Z Locations)	Pipe Material HDD Contractor Bore (X-Y-Z Locations)	PI Bends / Elbows	HDD Bends	Flanges	Valves	Weld Xray #	Weld Joint #	Weld Heat #	Pipe Code # (Sequence #)	Rectifier Site	Test Leads	CAD Welds	Anodes	Coupons		Warning Signs	AGMs
1.0																											
1.1																											
1.2																											
1.3																											
1.4																											
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1.7																											
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1.9																											
2.0																											
2.1																											
2.2																											
2.3																											
2.4																											



UG PETROLEUM
Pt#10527
ELEV=27.23'

OWNER: EQUICSTAR
PHONE#: 18005257516
NOTE: PROPYLENE
PHOTO: img434.jpg

FOREIGN PIPELINE
Pt#10046
ELEV=27.20'

MATERIAL: STEEL
DEPTH OF COVER: 7.25
CLEARANCE: 0
OWNER: EQUICSTAR
FOREIGN CROSSING: ABOVE
PRODUCT: NATURAL GAS
IS SHOT ON TOP OF PIPE: NO

SURVEY TECH CAD SUPPORT

Survey Tech will utilize Survey Mapper to auto-set: points with 31 attributes, blocks, and draw all linework with proper layers and linetypes.

C2D Tool will convert all AECC figure objects to polylines, blocks and symbols on the correct layers and linetypes for quick deliverables and speedy quality checking.

TOOLSPACE

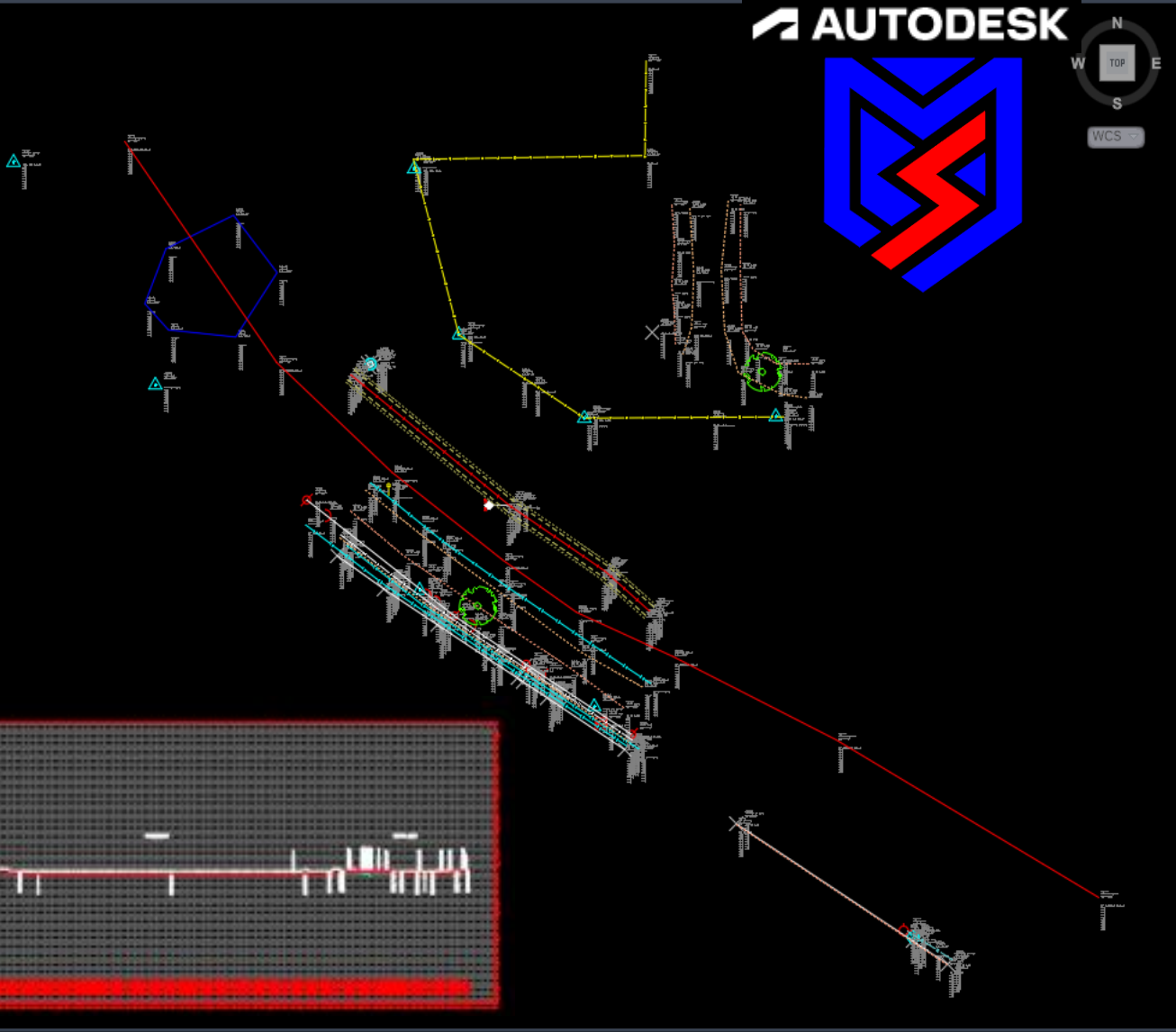
- Survey Databases
 - FDS-SurveyMapper
 - Import Events
 - FDS-SurveyTe...
 - Survey Queries
 - Networks
 - Network Groups
 - Figures
 - Figure Groups
 - Survey Points
 - Survey Point Gro...
 - Equipment Databases
 - Sample
 - SurveyMapper
 - Figure Prefix Databases
 - Sample
 - SurveyMapper
 - Linework Code Sets
 - Sample
 - SurveyMapper

Prospector

Settings

Survey

Toolbox



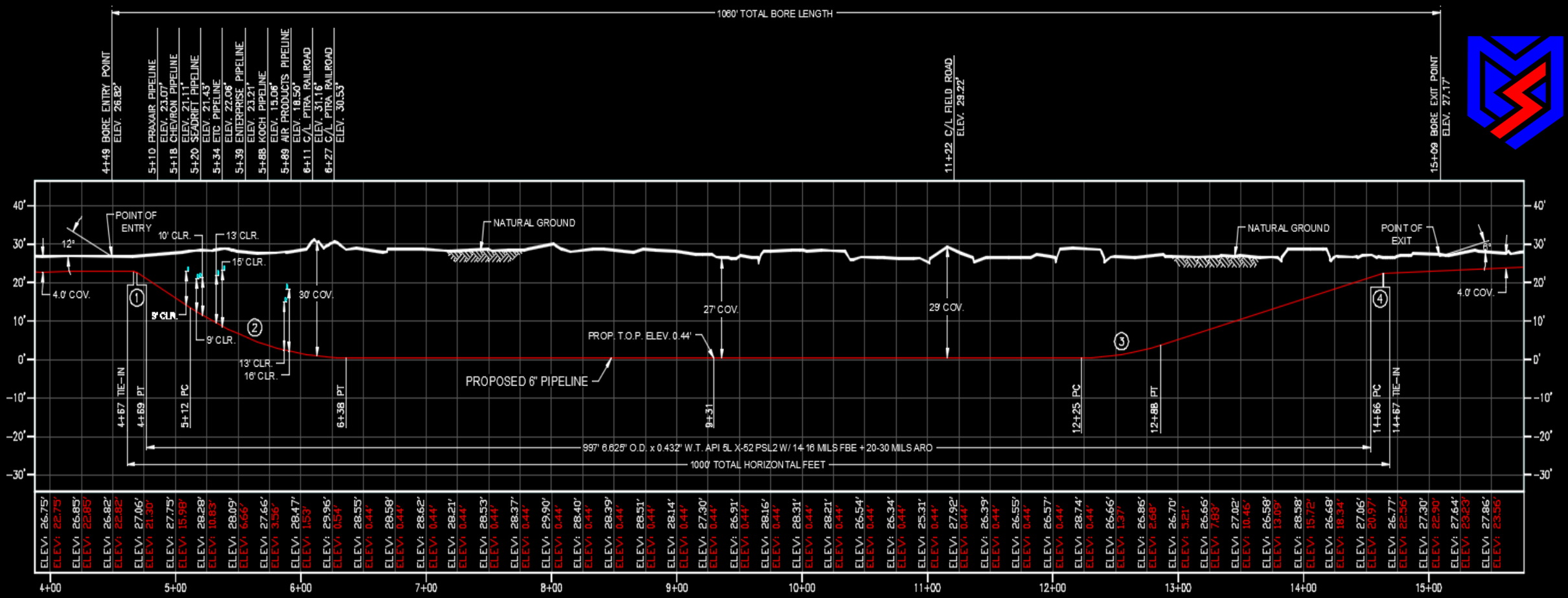
Name	Description
FDS-SurveyTes	

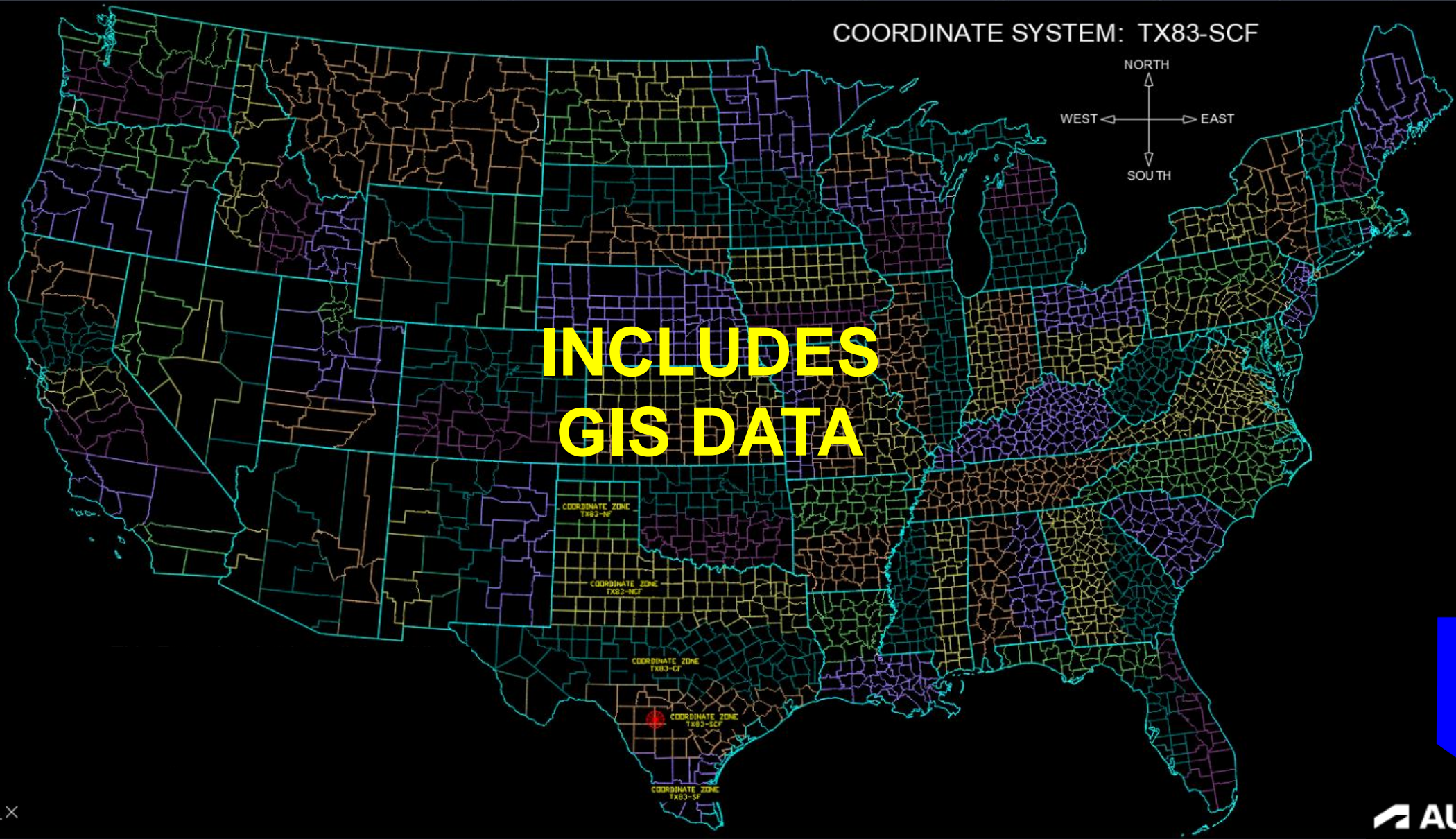
Command: `_CANNOSCALE`
Enter new value for CANNOSCALE <"1" = 300'">: 1" = 100'

Type a command

COMES WITH DIRECTIONAL DRILL SUPPORT

Survey Mapper comes with a HDD Template and a Profile Design Template. FDS also provides an eLearning video for HDD development.







**SURVEY MAPPER TRAINING
comes with free eLearning**

TRAINING

