



SurvCE Trig Level File Format (*.TLV)

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Introduction

This document outlines the Carlson SurvCE Trigonometric Level File (*.TLV) format in detail. The format is a comma separated ASCII file containing record types, headers, recorded data and comments.

Format Structure

Header Records

Record Type: H1 & H2

Field Headers:

PR	Project Name (H1)
OP	Operator Name (H1)
LP	Loop Number (H1)
DT	Date (H2)
TM	Time (H2)
PR	Pressure (H2)
TP	Temperature (H2)

Sample(s):

H1,PRProject One,OPKen Trent,LPLoop One
H2,DT04/13/2004,TM09:09:09,PR30,TP77

Line of Sight Record

Record type: LS

Field headers:

HR	Height of Rod
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Sample(s):

LS,HR4.000000

Bench Mark Record

Record Type: BM

Field Headers:

PN	Point Name
EL	Fixed Elevation (Bench Mark)
--	Description

Sample(s):

BM,PN1,EL100.000000,--Brass Disk

Backsight (Direct or Reverse) / Foresight (Direct or Reverse)

Record type: BS / FS

Field headers:

PN	Point Name
ZE	Zenith
SD	Slope Distance
--	Description

Sample(s):

BS,PN1,ZE90.00000,SD100.000,--Brass Disk
BS,PN1,ZE270.00000,SD100.000,--Brass Disk
FS,PN2,ZE90.00000,SD100.000,--Turning Point
FS,PN2,ZE270.00000,SD100.000,--Turning Point