SUSTAINABLE RESOURCE DEVELOPMENT

ALBERTA SCALING MANUAL

MICRO LOG SCALE PROGRAM

3.3   Micro Log Scale Program

The micro log scale (mscale) program provided by the department of Sustainable Resource Development facilitates the compilation of log scale data.

The program is Windows © based software. All scale data whether collected on form TM32S or by a handheld, must conform and be able to read by the program.

The program creates a text file for each log scale load compiled and saved. The program can also generate a summary file (master ascii) of all scale loads saved to a master file. It is this summary file, which the user uploads to the Timber Production and Revenue System (T.P.R.S. – Refer to Section 6.0 of the Alberta Scaling Manual) when reporting log scale data to the department.

The program and instructions for use may be downloaded from the departments website at: http://www3.gov.ab.ca/srd/forests/managing/sustain/index.html.

The following screen prints provide show a basic header record and log entry page.

Figure 3.31 Mscale Header Record Screen (Selection for Scaling with Trim)

MSCALE
File   Edit   Window   Help

MSCALE - Data Entry - untitled1.txt

Header Data Info | Log Data Info |

Lessee, Licensee, Or Permittee: NEW LOGGERS
Mill Location Or Name: SAWMILL
Disposition: CTP
Sub-Disposition:
Source:
Mill Number: M   1
Block Number:
Load Number: 4
Date Weighed: 2005/02/17   YYYY MM DD
Population: 400
Top Diameter: 10
Net Weight: 43210 KG   Small Sawlogs: Y ▼   ☑ Trim Allowance
TM 9 Number: A123456
Primary Species: SP ▼   Condition: GR ▼   Product: 01 ▼
Mill Code: BC
Number of Trees in Load: 52
Scaler Name: BC
Scaler Permit: 1

Figure 3.32 Mscale Log Record Screen (Scaling with Trim Allowance – Actual Log Length Recorded and Length Class is Calculated)
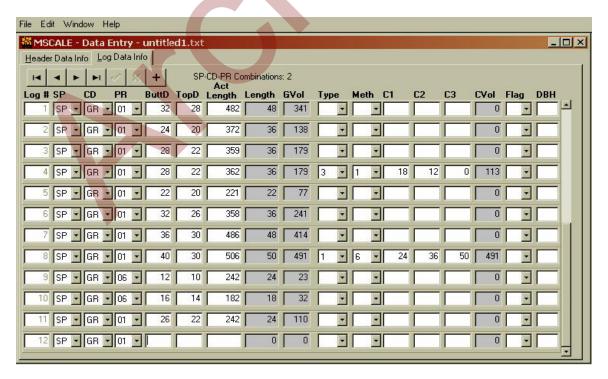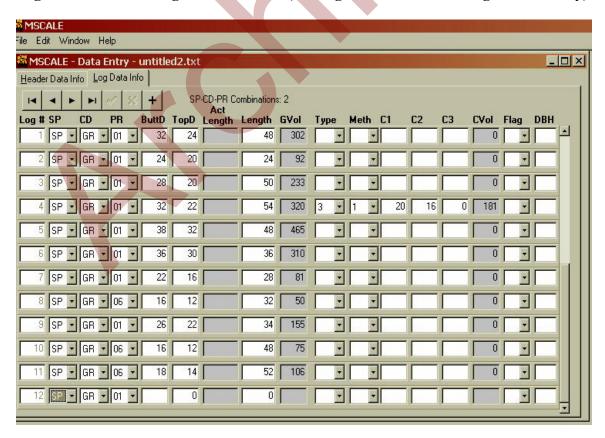
File   Edit   Window   Help

MSCALE - Data Entry - untitled1.txt

Header Data Info | Log Data Info |

SP-CD-PR Combinations: 2

Log #	SP	CD	PR	ButtD	TopD	Act Length	Length	GVol	Type	Meth	C1	C2	C3	CVol	Flag	DBH
1	SP	GR	01	32	28	482	48	341						0		
2	SP	GR	01	24	20	372	36	138						0		
3	SP	GR	01	28	22	359	36	179						0		
4	SP	GR	01	28	22	362	36	179	3	1	18	12	0	113		
5	SP	GR	01	22	20	221	22	77						0		
6	SP	GR	01	32	26	358	36	241						0		
7	SP	GR	01	36	30	486	48	414						0		
8	SP	GR	01	40	30	506	50	491	1	6	24	36	50	491		
9	SP	GR	06	12	10	242	24	23						0		
10	SP	GR	06	16	14	182	18	32						0		
11	SP	GR	01	26	22	242	24	110						0		
12	SP	GR	01				0	0						0		

Figure 3.33 Mscale Header Record Screen (Selection for No Trim Allowance)

Figure 3.34 Mscale Log Record Screen (Scaling with No Trim – Length Class Only)

The default setting for a new scale load is to scale without trim. To avoid having to select the trim allowance box for each new scale load (for scale sites scaling with trim) the system default setting is changed by using the Edit/ Systems Default option and clicking on the Trim Allowance box and saving the setting.

Figure 3.35 Setting Mscale System Defaults