HBS PHASE 2B

XML DATA SUBMISSION

VENDOR TEST SCENARIOS

Version 1.3 (May 2, 2006)

Harvest Billing System Project

Ministry of Forests and Range

Revenue Branch

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November 28, 2002	1.0	First Draft	Sierra Systems
January 20, 2003	1.1	H5, Scale Time value in all weight scale scenarios changed to Software Generated	Sierra Systems
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May 13, 2003	1.2	Weight Scale Scenario 8 & 15 – Data provided for Incoming LDS Number 12A3345B553222 shortened to 12A3345B55 to match 10 character field length defined in the Technical Specification. Weight Scale Scenario 16 – Sample Type “C” or “N” required for Event Type PD Log Tally Scenario 18 & 31– Data provided forCut Block Identifier A3326559244-3210 shortened to A332655924 to match 10 character field length defined in the Technical Specification. Log Tally Scenario 32 – Scale Method and Beachcomb not required for Event Type CU Log Tally Scenario 36 – PSY not required for Event Type RR	Sierra Systems
May 2, 2006	1.3	Modified log tally grade codes to match to new Interior Grade Code Policy in scenarios 24,25,26,27,33,34,35,36 Changed scale dates to more current values for all scenarios in piece and weight scale Change the year in all PSY values to 06 Change all occurrences of Ministry of Forests to Ministry of Forests and Range	

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1. INTRODUCTION

This document provides test scenarios for Weigh Slip and Log Tally submissions in HBS XML format and HBS XML batch construction.

1.1. Test Case Instructions

The document details test scenarios for original weigh slips, corrected weigh slips, original log tallies and corrected log tallies. Please see section 3 for detailed instructions for entering the test data and constructing HBS XML formatted batch submissions.

Please note that each test case has been given a unique comment to identify the test case scenario.

These instructions also include generating reports based on the specifications provided.

1.2. Weight Scale

There are three paper reports defined for weight scale sites

Report Name	Report Purpose	Disposition
Safety Sheet	Recreate the scale information in the event of computer breakdown	Retained for a specified period at scale site
Weigh Slip	Recreate the scale information in the event of computer breakdown	Retained for a specified period at scale site
Daily Audit Log	Record of changes to scale data. Printed daily and matched to paper LDS documents	Submitted to the ministry

The first two are interchangeable. The ministry prefers that the Safety Sheet be used; however, if this report is not supported by the scale site software, weigh slips must be printed after every load is finished.

For the purposes of this document, vendors are being asked to generate reports in the following manner and submit these to the ministry along with the XML submissions. It is desirable but not necessary to submit electronic images of the required reports. Paper copies of the reports faxed to the ministry are sufficient.

1. Enter all of the Original examples defined in the weigh slip section of the document (scenario 1 – 12).
    (a) Generate a weigh slip for each document and;
    (b) Generate safety sheet for the set of data entered. Then,
    (c) Generate an XML transmission based on the data entered
2. Correct the weigh slips per the correction section of the document (scenario 13 – 17).
    (a) Generate a weigh slip for each document
    (b) Generate safety sheet for the set of data entered and;
    (c) Generate daily audit log showing the detail of the corrections applied. Then,
    (d) Generate an XML transmission based on the data corrected

1.3. Piece Scale

There are Three paper reports defined for piece scale sites

Report Name	Report Purpose	Disposition
Species Grade Summary Report	Recreate the scale information in the event of computer breakdown and provide a summarized record of scale for check scale comparisons	Retained for a specified period at scale site
Log Tally	Recreate the scale information in the event of computer breakdown	Retained for a specified period at scale site
Daily Load Listing	Printed daily and matched to paper LDS documents	Submitted to the ministry

The first two are interchangeable. The ministry prefers that the Species Grade Summary Report is used. However, if this report is not supported by the scale site software, log tallies must be printed after every load is finished.

For the purposes of this document, vendors are being asked to generate reports in the following manner and submit these to the ministry along with the XML submissions. It is not necessary to submit electronic images of the required reports. Paper copies of the reports faxed to the ministry are sufficient.

1. Enter all of the Original examples defined in the log tally section of the document (scenario 18 - 30).
   (a) Generate a log tally report for each document
   (b) Generate species grade summary report for the set of data entered and;
   (c) Generate daily load listing for the set of data entered. Then,
   (d) Generate an XML transmission based on the data entered
2. Correct the tallies per the correction section of the document (scenario 31 - 38).
   (a) Generate a log tally report for each document
   (b) Generate species grade summary report for the set of data entered and;
   (c) Generate daily load listing for the set of data entered. Then,
   (d) Generate an XML transmission based on the data entered

1.4. Test Case Data Overview

The following tables identify the test cases associated with each event type.

1.4.1. Weigh Slip Event Types

Event Type Code	Event Type Name	Description	Original Scenario Number	Correction Scenario Number
PS	Primary Scale	This is the default case: All timber that is harvested must have a Timbermark and must be reported to the ministry. This timber was stratifiable and was not selected for a sample. This includes Cash Sale and Cruise Based marks. These will be submitted as a full returns and the HBS will NOT invoice these returns using the Timbermark's attribute from the FTAS system Field Scale: If the Field Scale Flag is set to Y, the timber was previously billed on a field scale. The HBS will exclude this scale return from billing.	Scenario 1 • Standard example Scenario 2 • Example with the field Scale Flag set to Y Scenario 3 • Example where Secondary scalers signs • minimum character count in comments	Scenario 13 • Void a Slip (this function depends on the weigh scale software) • Event Type becomes CU
SS	Sample Scale	As PS above plus: The HBS will expect a sample scale tally for this load to arrive from the same scale site. The sample may be a "grapple sample" in which case there will be three weighings recorded on the same weigh slip. The sample weight is the gross weight of the full truck less the sample deduction.	Scenario 4 • Standard Example with test for invalid XML characters Scenario 5 • Example with a Sample Deduction	No Correction
RS	Remote Sample	As PS above plus: The HBS will expect a sample scale tally for this load to arrive from another scale site. This weigh slip will include information about the destination scale site and the timber transport from the weigh scale site to the sample yard.	Scenario 6 • Standard Example • This also test for invalid characters < > &	Scenario 14 • Modify the PSY and the sample flag to "N" • Event Type becomes PD
PD	Primary Departure	Combines PS and DP. Requested by Industry at Feb 11/12 Workshop Meeting	Scenario 7 • Standard Example	No Correction
RT	Red Tag	This timber can NOT be assigned to a Billable stratum and will be excluded from the weight scale billing system. The HBS will expect a piece scale tally for this load to arrive from the same scale site.	Scenario 8 • Standard Example (PSY must NOT be billable)	Scenario 15 • Modify the TimberMark

Event Type Code	Event Type Name	Description	Original Scenario Number	Correction Scenario Number
RR	Remote Red Tag	As RT above except: The HBS will expect a piece scale tally for this load to arrive from another scale site. This weigh slip will include information about the destination scale site and the timber transport from the weigh scale site to the piece scale yard.	Scenario 9 • Standard Example (PSY must NOT be billable)	Scenario 16 • Modify the TimberMark. • Modify the PSY to a billable PSY. • Event Type becomes PD
4R	SB4 Rescale	All timber arrives that is previously scaled must have a Scaled Timber Brand and must be reported to the ministry. The HBS will expect a corresponding departure record from the originating scale site.	Scenario 10 • Standard Example (PSY must NOT be billable)	No Correction
DP	Departure	This is a new specialized transaction. Weigh scale software may implement this feature. This transaction will be accepted by the HBS instead of a ledger entry.	Scenario 11 • Standard Example (PSY must NOT be billable)	Scenario 17 • Modify the destination site. • Correction is NOT digitally signed
CU	Company Use	This transaction allows for other company use measurements in which the ministry has no billing interest. This accounts for weigh slip number consumption.	Scenario 12 • Standard Example (PSY must NOT be billable)	No Correction

1.4.2. Log Tally Event Types

Event Type Code	Event Type Name	Description	Original Scenario Number	Correction Scenario Number
PS	Primary Scale	This is the default case: All timber that is harvested must have a Timbermark and must be reported to the ministry. This load may be split into multiple parcels in which case the parcel count and parcel identifier must be provided. This includes Cash Sale and Cruise Based marks. These will be submitted as a full returns and the HBS will NOT invoice these returns (using the Timbermark's attribute from the FTAS system) Field Scale: If the Field Scale Flag is set to Y, the timber was previously billed on a field scale. The HBS will exclude this scale return from billing. Beachcomb is collected using this format Use Coastal Site, Grades and Marks	Scenario 18 • Standard Example • This also test for invalid characters < > & and minimum character count in comments Scenario 19 • Standard Example with a Split Load Scenario 20 • Beachcomb Scale Scenario 21 • Example with a Field Scale Flag set to Y Scenario 22 • Example where Secondary Scaler Signs	Scenario 31 • Modify the Timbermark • Modify the measurement. Delete a log
FD	From Site Deck	This is a "Surge Pile Withdrawal". The timber transport information is lost in this scenario. Use Coastal Site, Grades and Marks	Scenario 23 • Standard Example	Scenario 32 • Modify the Timbermark to be a non billable mark • Event Type becomes CU
RT	Red Tag	This is a Non-Stratifiable load that is measured at the originating weight scale site. The HBS will cross-reference this document with the original weigh slip. Use Interior Site, Grades, Scaler and Timberbrands.	Scenario 24 • Standard Example	Scenario 33 • Modify the Timbermark and change the scaler licence

Event Type Code	Event Type Name	Description	Original Scenario Number	Correction Scenario Number
RR	Remote Red Tag	This is a red tag load that is transferred from a weight scale site to a piece scale site to be scaled. The HBS will cross-reference this document with the original weigh slip. Use Interior Site, Grades, Scaler and Timberbrands.	Scenario 25 • Standard Example Scenario 25A • Gross Scale with Defects – Include all 7 defect scenarios	Scenario 34 • Change to Sample Scale (add a PSY). • Event Type becomes RS
SS	Sample Scale	This is a sample that is measured at the originating weight scale site. The HBS will cross-reference this document with the original weigh slip. Includes “Forced” samples (where weigh scale did not choose load for sampling) Use Interior Site, Grades, Scaler and Timberbrands.	Scenario 26 • Standard Example Scenario 27 • Gross Scale with Defects – Include all 7 defect scenarios	Scenario 35 • Modify the measurement. Delete a log and change the weight
RS	Remote Sample Scale	This is like SS above with the exception that The sample is transferred from the original weight scale site to a piece scale site to be sampled. . The HBS will cross-reference this document with the original weigh slip. Use Interior Site, Grades, Scaler and Timberbrands.	Scenario 28 • Standard Example	Scenario 36 • Change to a remote Red Tag • Event Type becomes RR
4R	SB4 – Rescale	This is a load that arrives at a scale site, consumes an arrival and return number, is scaled and is not billable (as stumpage has been already paid on the timber). Use Coastal Site and Scaler.	Scenario 29 • Standard Example	Scenario 37 • Modify the scaler return number • Correction is NOT digitally signed
CU	Company Use	This is a parcel that is scaled is not billable and consumes a return number. This transaction accounts for scaler return number consumption. Use Coastal Site and Scaler.	Scenario 30 • Standard Example	Scenario 38 • Modify the scaler number

1.5. Supplemental Test Case Information

The following tables provide Client location Codes and Authentication Keys associated with each Scaler ID used in the test case scenarios.

1.5.1. Site Client Combinations

Scale Site Id Number	Client Location Code
19V	0000251601
472	0002683800
473	0002683800

1.5.2. Scalers

Scaler	Authentication Key
455D	HbsAk1234R
9483	HbsAk1234N
429F	HbsAk1234F
9761	HbsAk1234F

2. TEST CASES

2.1. Original Weigh Slip Test Cases

This section deals exclusively with weigh scale scenarios for original scale data.
All original scales must be digitally signed using the appropriate Authentication key provided in section 1.

2.1.1. Event Type - Primary Scale

Scenario 1 - Standard

S	Field	Value
H1	Event Type Code	PS
H2	Scale Site Number	472
H3	Weigh Slip Number (Ticket #)	(Software Generated)
H4	Scale Date	20060402
H5	Scale Time (Time In/Out)	(Software Generated)
H6	Incoming LDS Number	X2222245A9
H7	Transport Identifier	T132569953115954
H8	Gross Weight	100764
H9	Tare Weight	35592
H10	Sample Deduction	
H11	Source (Timber Mark) or Scaled Timber Brand)	GE5402
H12	Cut Block Identifier	480311111A
H13	Field Scale Flag	N
H14	Field Scale Deck Identifier	
H15	PSY (Population, Stratum, Sampling Year)	47020106
H16	Sample Type	N
H17	Outgoing LDS Number	
H18	Destination	
H19	Comments	Scenario 1 PS Std Ex
H20	Software Product	(Software Generated)
H21	Software Version	(Software Generated)
H22	Software Revision	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)
H24	DV – Document Version	(Software Generated)
H25	Primary Scaler Licence Number	455D
H26	Secondary Scaler Licence	9483
H27	Signing Scaler Licence Number	455D
H28	Hash total	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)

Scenario 2 – Field Scale Flag

S	Field	Value
H1	Event Type Code	PS
H2	Scale Site Number	472
H3	Weigh Slip Number (Ticket #)	(Software Generated)
H4	Scale Date	20060402
H5	Scale Time (Time In/Out)	(Software Generated)
H6	Incoming LDS Number	X2245
H7	Transport Identifier	T159
H8	Gross Weight	58764
H9	Tare Weight	20592
H10	Sample Deduction	
H11	Source (Timber Mark) or Scaled Timber Brand)	GE5402
H12	Cut Block Identifier	4803A
H13	Field Scale Flag	Y
H14	Field Scale Deck Identifier	B
H15	PSY (Population, Stratum, Sampling Year)	47020106
H16	Sample Type	N
H17	Outgoing LDS Number	
H18	Destination	
H19	Comments	Scenario 2 WS PS
H20	Software Product	(Software Generated)
H21	Software Version	(Software Generated)
H22	Software Revision	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)
H24	DV – Document Version	(Software Generated)
H25	Primary Scaler Licence Number	455D
H26	Secondary Scaler Licence	9483
H27	Signing Scaler Licence Number	455D
H28	Hash total	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)

Scenario 3 – Secondary Scaler Signs

S	Field	Value
H1	Event Type Code	PS
H2	Scale Site Number	472
H3	Weigh Slip Number (Ticket #)	(Software Generated)
H4	Scale Date	20060402
H5	Scale Time (Time In/Out)	(Software Generated)
H6	Incoming LDS Number	X2245
H7	Transport Identifier	T159
H8	Gross Weight	58764
H9	Tare Weight	20592
H10	Sample Deduction	
H11	Source (Timber Mark) or Scaled Timber Brand)	GE5402
H12	Cut Block Identifier	4803A
H13	Field Scale Flag	Y
H14	Field Scale Deck Identifier	B
H15	PSY (Population, Stratum, Sampling Year)	47020106
H16	Sample Type	N
H17	Outgoing LDS Number	
H18	Destination	
H19	Comments	Scenario 3 WS PS
H20	Software Product	(Software Generated)
H21	Software Version	(Software Generated)
H22	Software Revision	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)
H24	DV – Document Version	(Software Generated)
H25	Primary Scaler Licence Number	455D
H26	Secondary Scaler Licence	9483
H27	Signing Scaler Licence Number	9483
H28	Hash total	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)

2.1.2. Event Type - Sample Scale

Scenario 4 - Standard

S	Field	Value
H1	Event Type Code	SS
H2	Scale Site Number	473
H3	Weigh Slip Number (Ticket #)	(Software Generated)
H4	Scale Date	20060402
H5	Scale Time (Time In/Out)	(Software Generated)
H6	Incoming LDS Number	X2245
H7	Transport Identifier	T159
H8	Gross Weight	59333
H9	Tare Weight	22220
H10	Sample Deduction	
H11	Source (Timber Mark) or Scaled Timber Brand)	GE5412
H12	Cut Block Identifier	A3194
H13	Field Scale Flag	N
H14	Field Scale Deck Identifier	
H15	PSY (Population, Stratum, Sampling Year)	47030406
H16	Sample Type	S
H17	Outgoing LDS Number	
H18	Destination	
H19	Comments	Scenario 4 WS SS
H20	Software Product	(Software Generated)
H21	Software Version	(Software Generated)
H22	Software Revision	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)
H24	DV – Document Version	(Software Generated)
H25	Primary Scaler Licence Number	455D
H26	Secondary Scaler Licence	9483
H27	Signing Scaler Licence Number	455D
H28	Hash total	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)

Scenario 5 – Sample Deduction

S	Field	Value
H1	Event Type Code	SS
H2	Scale Site Number	473
H3	Weigh Slip Number (Ticket #)	(Software Generated)
H4	Scale Date	20060402
H5	Scale Time (Time In/Out)	(Software Generated)
H6	Incoming LDS Number	X2245
H7	Transport Identifier	T159
H8	Gross Weight	59333
H9	Tare Weight	22220
H10	Sample Deduction	46979
H11	Source (Timber Mark) or Scaled Timber Brand)	GE5412
H12	Cut Block Identifier	A3194
H13	Field Scale Flag	N
H14	Field Scale Deck Identifier	
H15	PSY (Population, Stratum, Sampling Year)	47030406
H16	Sample Type	S
H17	Outgoing LDS Number	
H18	Destination	
H19	Comments	Scenario 5 WS SS
H20	Software Product	(Software Generated)
H21	Software Version	(Software Generated)
H22	Software Revision	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)
H24	DV – Document Version	(Software Generated)
H25	Primary Scaler Licence Number	455D
H26	Secondary Scaler Licence	9483
H27	Signing Scaler Licence Number	455D
H28	Hash total	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)

2.1.3. Event Type - Remote Sample

Scenario 6 - Standard

S	Field	Value
H1	Event Type Code	RS
H2	Scale Site Number	473
H3	Weigh Slip Number (Ticket #)	(Software Generated)
H4	Scale Date	20060501
H5	Scale Time (Time In/Out)	(Software Generated)
H6	Incoming LDS Number	5432245
H7	Transport Identifier	111643SG878
H8	Gross Weight	58876
H9	Tare Weight	21321
H10	Sample Deduction	
H11	Source (Timber Mark) or Scaled Timber Brand)	GE5433
H12	Cut Block Identifier	5456-7
H13	Field Scale Flag	N
H14	Field Scale Deck Identifier	
H15	PSY (Population, Stratum, Sampling Year)	47030206
H16	Sample Type	S
H17	Outgoing LDS Number	1245646333
H18	Destination	472
H19	Comments	Scenario 6 Tst < & >
H20	Software Product	(Software Generated)
H21	Software Version	(Software Generated)
H22	Software Revision	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)
H24	DV – Document Version	(Software Generated)
H25	Primary Scaler Licence Number	455D
H26	Secondary Scaler Licence	9483
H27	Signing Scaler Licence Number	455D
H28	Hash total	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)

2.1.4. Event Type - Primary Departure

Scenario 7 - Standard

S	Field	Value
H1	Event Type Code	PD
H2	Scale Site Number	472
H3	Weigh Slip Number (Ticket #)	(Software Generated)
H4	Scale Date	20060505
H5	Scale Time (Time In/Out)	(Software Generated)
H6	Incoming LDS Number	338762
H7	Transport Identifier	1324287652
H8	Gross Weight	55009
H9	Tare Weight	20654
H10	Sample Deduction	
H11	Source (Timber Mark) or Scaled Timber Brand)	GE5433
H12	Cut Block Identifier	5456-7
H13	Field Scale Flag	N
H14	Field Scale Deck Identifier	
H15	PSY (Population, Stratum, Sampling Year)	47020206
H16	Sample Type	N
H17	Outgoing LDS Number	5543255886
H18	Destination	473
H19	Comments	Scenario 7 WS PD
H20	Software Product	(Software Generated)
H21	Software Version	(Software Generated)
H22	Software Revision	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)
H24	DV – Document Version	(Software Generated)
H25	Primary Scaler Licence Number	455D
H26	Secondary Scaler Licence	9483
H27	Signing Scaler Licence Number	455D
H28	Hash total	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)

2.1.5. Event Type - Red Tag

Scenario 8 - Standard

S	Field	Value
H1	Event Type Code	RT
H2	Scale Site Number	472
H3	Weigh Slip Number (Ticket #)	(Software Generated)
H4	Scale Date	20060507
H5	Scale Time (Time In/Out)	(Software Generated)
H6	Incoming LDS Number	12A3345B55
H7	Transport Identifier	1482876
H8	Gross Weight	56744
H9	Tare Weight	20033
H10	Sample Deduction	
H11	Source (Timber Mark) or Scaled Timber Brand)	GE5433
H12	Cut Block Identifier	5456-7
H13	Field Scale Flag	N
H14	Field Scale Deck Identifier	
H15	PSY (Population, Stratum, Sampling Year)	RED TAG
H16	Sample Type	
H17	Outgoing LDS Number	
H18	Destination	
H19	Comments	Scenario 8 WS RT
H20	Software Product	(Software Generated)
H21	Software Version	(Software Generated)
H22	Software Revision	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)
H24	DV – Document Version	(Software Generated)
H25	Primary Scaler Licence Number	455D
H26	Secondary Scaler Licence	9483
H27	Signing Scaler Licence Number	455D
H28	Hash total	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)

2.1.6. Event Type – Remote Red Tag

Scenario 9 - Standard

S	Field	Value
H1	Event Type Code	RR
H2	Scale Site Number	473
H3	Weigh Slip Number (Ticket #)	(Software Generated)
H4	Scale Date	20060505
H5	Scale Time (Time In/Out)	(Software Generated)
H6	Incoming LDS Number	334B632
H7	Transport Identifier	20664
H8	Gross Weight	61009
H9	Tare Weight	21283
H10	Sample Deduction	
H11	Source (Timber Mark) or Scaled Timber Brand)	GE5410
H12	Cut Block Identifier	34
H13	Field Scale Flag	N
H14	Field Scale Deck Identifier	
H15	PSY (Population, Stratum, Sampling Year)	RED TAG
H16	Sample Type	
H17	Outgoing LDS Number	1221311234
H18	Destination	472
H19	Comments	Scenario 9 WS RR
H20	Software Product	(Software Generated)
H21	Software Version	(Software Generated)
H22	Software Revision	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)
H24	DV – Document Version	(Software Generated)
H25	Primary Scaler Licence Number	455D
H26	Secondary Scaler Licence	9483
H27	Signing Scaler Licence Number	455D
H28	Hash total	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)

2.1.7. Event Type – SB4 Rescale

Scenario 10 - Standard

S	Field	Value
H1	Event Type Code	4R
H2	Scale Site Number	473
H3	Weigh Slip Number (Ticket #)	(Software Generated)
H4	Scale Date	20060506
H5	Scale Time (Time In/Out)	(Software Generated)
H6	Incoming LDS Number	1338999632
H7	Transport Identifier	A22333575556
H8	Gross Weight	
H9	Tare Weight	
H10	Sample Deduction	
H11	Source (Timber Mark) or Scaled Timber Brand)	DDC473
H12	Cut Block Identifier	
H13	Field Scale Flag	
H14	Field Scale Deck Identifier	
H15	PSY (Population, Stratum, Sampling Year)	RESCALE
H16	Sample Type	
H17	Outgoing LDS Number	
H18	Destination	
H19	Comments	Scenario 10 WS 4R
H20	Software Product	(Software Generated)
H21	Software Version	(Software Generated)
H22	Software Revision	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)
H24	DV – Document Version	(Software Generated)
H25	Primary Scaler Licence Number	455D
H26	Secondary Scaler Licence	9483
H27	Signing Scaler Licence Number	455D
H28	Hash total	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)

2.1.8. Event Type – Departure

Scenario 11 - Standard

S	Field	Value
H1	Event Type Code	DP
H2	Scale Site Number	472
H3	Weigh Slip Number (Ticket #)	(Software Generated)
H4	Scale Date	20060515
H5	Scale Time (Time In/Out)	(Software Generated)
H6	Incoming LDS Number	
H7	Transport Identifier	333657
H8	Gross Weight	
H9	Tare Weight	
H10	Sample Deduction	
H11	Source (Timber Mark) or Scaled Timber Brand)	
H12	Cut Block Identifier	
H13	Field Scale Flag	
H14	Field Scale Deck Identifier	
H15	PSY (Population, Stratum, Sampling Year)	DEPART
H16	Sample Type	
H17	Outgoing LDS Number	4443762114
H18	Destination	473
H19	Comments	Scenario 11 WS DP
H20	Software Product	(Software Generated)
H21	Software Version	(Software Generated)
H22	Software Revision	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)
H24	DV – Document Version	(Software Generated)
H25	Primary Scaler Licence Number	455D
H26	Secondary Scaler Licence	9483
H27	Signing Scaler Licence Number	455D
H28	Hash total	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)

2.1.9. Event Type – Company Use

Scenario 12 - Standard

S	Field	Value
H1	Event Type Code	CU
H2	Scale Site Number	472
H3	Weigh Slip Number (Ticket #)	(Software Generated)
H4	Scale Date	20060520
H5	Scale Time (Time In/Out)	(Software Generated)
H6	Incoming LDS Number	
H7	Transport Identifier	
H8	Gross Weight	
H9	Tare Weight	
H10	Sample Deduction	
H11	Source (Timber Mark) or Scaled Timber Brand)	
H12	Cut Block Identifier	
H13	Field Scale Flag	
H14	Field Scale Deck Identifier	
H15	PSY (Population, Stratum, Sampling Year)	
H16	Sample Type	
H17	Outgoing LDS Number	
H18	Destination	
H19	Comments	Scenario 12 WS CU
H20	Software Product	(Software Generated)
H21	Software Version	(Software Generated)
H22	Software Revision	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)
H24	DV – Document Version	(Software Generated)
H25	Primary Scaler Licence Number	455D
H26	Secondary Scaler Licence	9483
H27	Signing Scaler Licence Number	455D
H28	Hash total	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)

2.2. Corrected Weigh Slip Test Cases

This section deals exclusively with corrected weigh scale scenarios for original scale data.

Each correction is referenced back to the original scale scenario number. Each scenario includes the correction and an updated comment filed. The corrected fields are highlighted in yellow.

2.2.1. Event Type - Primary Scale

Scenario 13 – Scenario 1 Correction

The original slip is voided. (Specifics of this function depend on the weigh scale software). The correction is expected to be submitted as a CU.

S	Field	Original Value	New Value
H1	Event Type Code	PS	CU
H2	Scale Site Number	472	472
H3	Weigh Slip Number (Ticket #)	(Software Generated)	(Software Generated)
H4	Scale Date	20060402	20060402
H5	Scale Time (Time In/Out)	(Software Generated)	(No Change from original)
H6	Incoming LDS Number	X2222245A9	
H7	Transport Identifier	T132569953115954	
H8	Gross Weight	100764	
H9	Tare Weight	35592	
H10	Sample Deduction		
H11	Source (Timber Mark) or Scaled Timber Brand)	GE5402	
H12	Cut Block Identifier	480311111A	
H13	Field Scale Flag	N	
H14	Field Scale Deck Identifier		
H15	PSY (Population, Stratum, Sampling Year)	47020106	
H16	Sample Type	N	
H17	Outgoing LDS Number		
H18	Destination		
H19	Comments	Scenario 1 PS Std Ex	Scenario 13 WS PS
H20	Software Product	(Software Generated)	(Software Generated)
H21	Software Version	(Software Generated)	(Software Generated)
H22	Software Revision	(Software Generated)	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)	(Software Generated)
H24	DV – Document Version	(Software Generated)	(Software Generated)
H25	Primary Scaler Licence Number	455D	455D
H26	Secondary Scaler Licence	9483	9483
H27	Signing Scaler Licence Number	455D	455D
H28	Hash total	(Software Generated)	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)	(Software Generated)

2.2.2. Event Type - Remote Sample

Scenario 14 – Scenario 6 Correction

The load was stratified improperly. Once assigned to a new stratum, the decision was made NOT to sample the load. Modify the PSY and set the sample flag to "N". This effectively changes the Event Type to PD.

S	Field	Original Value	New Value
H1	Event Type Code	RS	PD
H2	Scale Site Number	473	473
H3	Weigh Slip Number (Ticket #)	(Software Generated)	(Software Generated)
H4	Scale Date	20060501	20060501
H5	Scale Time (Time In/Out)	(Software Generated)	(No Change from original)
H6	Incoming LDS Number	5432245	5432245
H7	Transport Identifier	111643SG878	111643SG878
H8	Gross Weight	58876	58876
H9	Tare Weight	21321	21321
H10	Sample Deduction		
H11	Source (Timber Mark) or Scaled Timber Brand)	GE5433	GE5433
H12	Cut Block Identifier	5456-7	5456-7
H13	Field Scale Flag	N	N
H14	Field Scale Deck Identifier		
H15	PSY (Population, Stratum, Sampling Year)	47030206	47030406
H16	Sample Type	S	N
H17	Outgoing LDS Number	1245646333	1245646333
H18	Destination	472	472
H19	Comments	Scenario 6 Tst < & >	Scenario 14 WS RS
H20	Software Product	(Software Generated)	(Software Generated)
H21	Software Version	(Software Generated)	(Software Generated)
H22	Software Revision	(Software Generated)	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)	(Software Generated)
H24	DV – Document Version	(Software Generated)	(Software Generated)
H25	Primary Scaler Licence Number	455D	455D
H26	Secondary Scaler Licence	9483	9483
H27	Signing Scaler Licence Number	455D	455D
H28	Hash total	(Software Generated)	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)	(Software Generated)

2.2.3. Event Type - Red Tag

Scenario 15 – Scenario 8 Correction

The Timbermark was recorded improperly on the original. Modify the Timbermark

S	Field	Original Value	New Value
H1	Event Type Code	RT	RT
H2	Scale Site Number	472	472
H3	Weigh Slip Number (Ticket #)	(Software Generated)	(Software Generated)
H4	Scale Date	20060507	20060507
H5	Scale Time (Time In/Out)	(Software Generated)	(No Change from original)
H6	Incoming LDS Number	12A3345B55	12A3345B55
H7	Transport Identifier	1482876	1482876
H8	Gross Weight	56744	56744
H9	Tare Weight	20033	20033
H10	Sample Deduction		
H11	Source (Timber Mark) or Scaled Timber Brand)	GE5433	GE5402
H12	Cut Block Identifier	5456-7	5456-7
H13	Field Scale Flag	N	N
H14	Field Scale Deck Identifier		
H15	PSY (Population, Stratum, Sampling Year)	RED TAG	RED TAG
H16	Sample Type		
H17	Outgoing LDS Number		
H18	Destination		
H19	Comments	Scenario 8 WS RT	Scenario 15 WS RT
H20	Software Product	(Software Generated)	(Software Generated)
H21	Software Version	(Software Generated)	(Software Generated)
H22	Software Revision	(Software Generated)	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)	(Software Generated)
H24	DV – Document Version	(Software Generated)	(Software Generated)
H25	Primary Scaler Licence Number	455D	455D
H26	Secondary Scaler Licence	9483	9483
H27	Signing Scaler Licence Number	455D	455D
H28	Hash total	(Software Generated)	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)	(Software Generated)

2.2.4. Event Type – Remote Red Tag

Scenario 16 – Scenario 9 Correction

The load was not stratified properly. The Red Tag PSY is changed to a billable PSY. This effectively changes the Event Type to PD

S	Field	Original Value	New Value
H1	Event Type Code	RR	PD
H2	Scale Site Number	473	473
H3	Weigh Slip Number (Ticket #)	(Software Generated)	(No Change from original)
H4	Scale Date	20060505	20060505
H5	Scale Time (Time In/Out)	(Software Generated)	165956
H6	Incoming LDS Number	334B632	334B632
H7	Transport Identifier	20664	20664
H8	Gross Weight	61009	61009
H9	Tare Weight	21283	21283
H10	Sample Deduction		
H11	Source (Timber Mark) or Scaled Timber Brand)	GE5410	GE5409
H12	Cut Block Identifier	34	34
H13	Field Scale Flag	N	N
H14	Field Scale Deck Identifier		
H15	PSY (Population, Stratum, Sampling Year)	RED TAG	40730206
H16	Sample Type		N
H17	Outgoing LDS Number	1221311234	1221311234
H18	Destination	472	472
H19	Comments	Scenario 9 WS RR	Scenario 16 WS RR
H20	Software Product	(Software Generated)	(Software Generated)
H21	Software Version	(Software Generated)	(Software Generated)
H22	Software Revision	(Software Generated)	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)	(Software Generated)
H24	DV – Document Version	(Software Generated)	(Software Generated)
H25	Primary Scaler Licence Number	455D	455D
H26	Secondary Scaler Licence	9483	9483
H27	Signing Scaler Licence Number	455D	455D
H28	Hash total	(Software Generated)	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)	(Software Generated)

2.2.5. Event Type – Departure

Scenario 17 – Scenario 11 Correction

The destination site was recorded improperly. Modify the destination site. The correction is NOT digitally signed by the scaler.

S	Field	Value	Value
H1	Event Type Code	DP	DP
H2	Scale Site Number	472	472
H3	Weigh Slip Number (Ticket #)	(Software Generated)	(Software Generated)
H4	Scale Date	20060515	20060515
H5	Scale Time (Time In/Out)	(Software Generated)	(No Change from original)
H6	Incoming LDS Number		
H7	Transport Identifier	333657	333657
H8	Gross Weight		
H9	Tare Weight		
H10	Sample Deduction		
H11	Source (Timber Mark) or Scaled Timber Brand)		
H12	Cut Block Identifier		
H13	Field Scale Flag		
H14	Field Scale Deck Identifier		
H15	PSY (Population, Stratum, Sampling Year)	DEPART	DEPART
H16	Sample Type		
H17	Outgoing LDS Number	4443762114	4443762114
H18	Destination	473	19V
H19	Comments	Scenario 11 WS DP	Scenario 17 WS DP
H20	Software Product	(Software Generated)	(Software Generated)
H21	Software Version	(Software Generated)	(Software Generated)
H22	Software Revision	(Software Generated)	(Software Generated)
H23	DDN – Detail Document Number	(Software Generated)	(Software Generated)
H24	DV – Document Version	(Software Generated)	(Software Generated)
H25	Primary Scaler Licence Number	455D	455D
H26	Secondary Scaler Licence	9483	9483
H27	Signing Scaler Licence Number	455D	
H28	Hash total	(Software Generated)	(Software Generated)
H29	Authentication Key Encrypted Hash total	(Software Generated)	

2.3. Original Log Tally Test Cases

This section deals exclusively with piece scale (log tally) scenarios for original scale data.

All original scales must be digitally signed using the appropriate Authentication key provided in section 1.

2.3.1. Primary Scale

Scenario 18 – Standard

HEADER

S	Field	Value
H1	Event Type Code	PS
H2	Scale Site Number	19V
H3	Load Arrival Number	1000210096
H4	Incoming LDS Number	3343P22789
H5	Transport Identifier	115456667854GA59
H6	Source Timber Mark or Scaled Timber Brand	EX6020
H7	Cut Block Identifier	A332655924
H8	Field Scale Flag	N
H9	Field Scale Deck Identifier	
H10	PSY	
H11	Weigh Slip Number	
H12	Weight of Sample	
H13	Originating Scale Site Number	
H14	Scale Date	20060402
H15	Primary Scaler Licence Number	9483
H16	Primary Scaler Return Number	1063
H17	Parcel Count	
H18	Parcel Identifier	
H19	Original Scaler Licence Number	
H20	Original Scaler Return Number	
H21	Check Replaces Original Flag	
H22	Scale Method	N
H23	Log Count	(Software Generated)
H24	Comments	Scen. 18 LT PS < & >
H25	Software Product	(Software Generated)
H26	Software Version	(Software Generated)
H27	Software Revision	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)
H29	DV – Document Version	(Software Generated)
H30	Secondary Scaler Licence Number	429F
H31	Signing Scaler Licence Number	9483
H32	Beachcomb	N
H33	Hash total	(Software Generated)

S	Field	Value
H34	Authentication Key Encrypted Hash total	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	**Timber Mark On Log**	**NMV**	**Species**	**Grade**	**Length**	**Top**	**Butt (radius in CM)**	**Net Volume (Software Generated)**	**Defect Count**	**Defect number**	**Defect Code**	**Defect Volume (Software Generated)**	**Formatted Defect Measurement Description**
1			FI	H	103	22	25	Software Generated	0			Software Generated	
2			CE	H	98	20	23	Software Generated	0			Software Generated	
3			CE	I	109	21	24	Software Generated	0			Software Generated	
4			CY	F	113	26	29	Software Generated	0			Software Generated	
5			HE	D	105	33	37	Software Generated	0			Software Generated	

Scenario 19 – Split Load

HEADER

S	Field	Value
H1	Event Type Code	PS
H2	Scale Site Number	19V
H3	Load Arrival Number	101443
H4	Incoming LDS Number	Y66523
H5	Transport Identifier	255531
H6	Source Timber Mark or Scaled Timber Brand	6/902
H7	Cut Block Identifier	3210A
H8	Field Scale Flag	N
H9	Field Scale Deck Identifier	
H10	PSY	
H11	Weigh Slip Number	
H12	Weight of Sample	
H13	Originating Scale Site Number	
H14	Scale Date	20060402
H15	Primary Scaler Licence Number	9483
H16	Primary Scaler Return Number	1064
H17	Parcel Count	2
H18	Parcel Identifier	1
H19	Original Scaler Licence Number	
H20	Original Scaler Return Number	
H21	Check Replaces Original Flag	
H22	Scale Method	N
H23	Log Count	(Software Generated)

S	Field	Value
H24	Comments	Scenario 19 LT PS
H25	Software Product	(Software Generated)
H26	Software Version	(Software Generated)
H27	Software Revision	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)
H29	DV - Document Version	(Software Generated)
H30	Secondary Scaler Licence Number	429F
H31	Signing Scaler Licence Number	9483
H32	Beachcomb	N
H33	Hash total	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	**Timber Mark On Log**	**NMV**	**Species**	**Grade**	**Length**	**Top**	**Butt (radius in CM)**	**Net Volume (Software Generated)**	**Defect Count**	**Defect number**	**Defect Code**	**Defect Volume (Software Generated)**	**Formatted Defect Measurement Description**
1			CY	D	103	31	34	Software Generated	0			Software Generated	
2		N	CE	H	98	22	25	Software Generated	0			Software Generated	
3			CE	H	102	24	27	Software Generated	0			Software Generated	
4			CE	F	104	26	29	Software Generated	0			Software Generated	
5			CE	L	99	21	24	Software Generated	0			Software Generated	

Scenario 20 – Beachcomb

HEADER

S	Field	Value
H1	Event Type Code	PS
H2	Scale Site Number	19V
H3	Load Arrival Number	0024322
H4	Incoming LDS Number	G4445272
H5	Transport Identifier	G5155114
H6	Source Timber Mark or Scaled Timber Brand	BCOMB1
H7	Cut Block Identifier	None
H8	Field Scale Flag	N
H9	Field Scale Deck Identifier	
H10	PSY	
H11	Weigh Slip Number	
H12	Weight of Sample	
H13	Originating Scale Site Number	
H14	Scale Date	20060402
H15	Primary Scaler Licence Number	9483
H16	Primary Scaler Return Number	1065
H17	Parcel Count	
H18	Parcel Identifier	
H19	Original Scaler Licence Number	
H20	Original Scaler Return Number	
H21	Check Replaces Original Flag	
H22	Scale Method	N
H23	Log Count	(Software Generated)
H24	Comments	Scenario 20 LT PS
H25	Software Product	(Software Generated)
H26	Software Version	(Software Generated)
H27	Software Revision	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)
H29	DV - Document Version	(Software Generated)
H30	Secondary Scaler Licence Number	429F
H31	Signing Scaler Licence Number	9483
H32	Beachcomb	Y
H33	Hash total	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	**Timber Mark On Log**	**NMV**	**Species**	**Grade**	**Length**	**Top**	**Butt (radius in CM)**	**Net Volume (Software Generated)**	**Defect Count**	**Defect number**	**Defect Code**	**Defect Volume (Software Generated)**	**Formatted Defect Measurement Description**
1	BZ002		CY	D	103	31	34	Software Generated	0			Software Generated	
2		N	CE	H	98	22	25	Software Generated	0			Software Generated	
3		N	CE	H	102	24	27	Software Generated	0			Software Generated	
4		N	CE	F	104	26	29	Software Generated	0			Software Generated	
5	6/98		CE	L	99	21	24	Software Generated	0			Software Generated	

Scenario 21 – Field Scale Flag

HEADER

S	Field	Value
H1	Event Type Code	PS
H2	Scale Site Number	19V
H3	Load Arrival Number	021009
H4	Incoming LDS Number	Q29987789
H5	Transport Identifier	2977GA
H6	Source Timber Mark or Scaled Timber Brand	T0481C
H7	Cut Block Identifier	912
H8	Field Scale Flag	Y
H9	Field Scale Deck Identifier	X
H10	PSY	
H11	Weigh Slip Number	
H12	Weight of Sample	
H13	Originating Scale Site Number	
H14	Scale Date	20060402
H15	Primary Scaler Licence Number	9483
H16	Primary Scaler Return Number	1066
H17	Parcel Count	
H18	Parcel Identifier	
H19	Original Scaler Licence Number	
H20	Original Scaler Return Number	
H21	Check Replaces Original Flag	
H22	Scale Method	N
H23	Log Count	(Software Generated)
H24	Comments	Scenario 21 LT PS

S	Field	Value
H25	Software Product	(Software Generated)
H26	Software Version	(Software Generated)
H27	Software Revision	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)
H29	DV – Document Version	(Software Generated)
H30	Secondary Scaler Licence Number	429F
H31	Signing Scaler Licence Number	9483
H32	Beachcomb	N
H33	Hash total	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	**Timber Mark On Log**	**NMV**	**Species**	**Grade**	**Length**	**Top**	**Butt (radius in CM)**	**Net Volume (Software Generated)**	**Defect Count**	**Defect number**	**Defect Code**	**Defect Volume (Software Generated)**	**Formatted Defect Measurement Description**
1			CY	D	103	31	34	Software Generated	0			Software Generated	
2		N	CE	H	98	22	25	Software Generated	0			Software Generated	
3			CE	H	102	24	27	Software Generated	0			Software Generated	
4			CE	F	104	26	29	Software Generated	0			Software Generated	
5			CE	L	99	21	24	Software Generated	0			Software Generated	

Scenario 22 – Secondary Scaler Signs

HEADER

S	Field	Value
H1	Event Type Code	PS
H2	Scale Site Number	19V
H3	Load Arrival Number	021009
H4	Incoming LDS Number	Q29987789
H5	Transport Identifier	2977GA
H6	Source Timber Mark or Scaled Timber Brand	T0481C
H7	Cut Block Identifier	912
H8	Field Scale Flag	N
H9	Field Scale Deck Identifier	
H10	PSY	
H11	Weigh Slip Number	
H12	Weight of Sample	

S	Field	Value
H13	Originating Scale Site Number	
H14	Scale Date	20060402
H15	Primary Scaler Licence Number	9483
H16	Primary Scaler Return Number	1067
H17	Parcel Count	
H18	Parcel Identifier	
H19	Original Scaler Licence Number	
H20	Original Scaler Return Number	
H21	Check Replaces Original Flag	
H22	Scale Method	N
H23	Log Count	(Software Generated)
H24	Comments	Scenario 22 LT PS
H25	Software Product	(Software Generated)
H26	Software Version	(Software Generated)
H27	Software Revision	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)
H29	DV - Document Version	(Software Generated)
H30	Secondary Scaler Licence Number	429F
H31	Signing Scaler Licence Number	429F
H32	Beachcomb	N
H33	Hash total	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	**Timber Mark On Log**	**NMV**	**Species**	**Grade**	**Length**	**Top**	**Butt (radius in CM)**	**Net Volume (Software Generated)**	**Defect Count**	**Defect number**	**Defect Code**	**Defect Volume (Software Generated)**	**Formatted Defect Measurement Description**
1			CY	D	103	31	34	Software Generated	0			Software Generated	
2		N	CE	H	98	22	25	Software Generated	0			Software Generated	
3			CE	H	102	24	27	Software Generated	0			Software Generated	
4			CE	F	104	26	29	Software Generated	0			Software Generated	
5			CE	L	99	21	24	Software Generated	0			Software Generated	

2.3.2. Event Type – From Site Deck

Scenario 23 – Standard

HEADER

S	Field	Value
H1	Event Type Code	FD
H2	Scale Site Number	19V
H3	Load Arrival Number	021009
H4	Incoming LDS Number	
H5	Transport Identifier	
H6	Source Timber Mark or Scaled Timber Brand	6/106
H7	Cut Block Identifier	
H8	Field Scale Flag	N
H9	Field Scale Deck Identifier	
H10	PSY	
H11	Weigh Slip Number	
H12	Weight of Sample	
H13	Originating Scale Site Number	
H14	Scale Date	20060428
H15	Primary Scaler Licence Number	9483
H16	Primary Scaler Return Number	1068
H17	Parcel Count	
H18	Parcel Identifier	
H19	Original Scaler Licence Number	
H20	Original Scaler Return Number	
H21	Check Replaces Original Flag	
H22	Scale Method	N
H23	Log Count	(Software Generated)
H24	Comments	Scenario 23 LT FD
H25	Software Product	(Software Generated)
H26	Software Version	(Software Generated)
H27	Software Revision	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)
H29	DV - Document Version	(Software Generated)
H30	Secondary Scaler Licence Number	429F
H31	Signing Scaler Licence Number	9483
H32	Beachcomb	N
H33	Hash total	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	**Timber Mark On Log**	**NMV**	**Species**	**Grade**	**Length**	**Top**	**Butt (radius in CM)**	**Net Volume (Software Generated)**	**Defect Count**	**Defect number**	**Defect Code**	**Defect Volume (Software Generated)**	**Formatted Defect Measurement Description**
1			SP	E	127	41	44	Software Generated	0			Software Generated	
2			CE	H	98	22	25	Software Generated	0			Software Generated	
3			CE	Y	83	15	17	Software Generated	0			Software Generated	
4			CE	J	82	15	18	Software Generated	0			Software Generated	
5			CE	J	79	12	14	Software Generated	0			Software Generated	

2.3.3. Event Type – Red Tag

Scenario 24 – Standard

HEADER

S	Field	Value
H1	Event Type Code	RT
H2	Scale Site Number	472
H3	Load Arrival Number	
H4	Incoming LDS Number	
H5	Transport Identifier	
H6	Source Timber Mark or Scaled Timber Brand	GE5433
H7	Cut Block Identifier	5456-7
H8	Field Scale Flag	N
H9	Field Scale Deck Identifier	
H10	PSY	
H11	Weigh Slip Number	3532241577
H12	Weight of Sample	
H13	Originating Scale Site Number	
H14	Scale Date	20060402
H15	Primary Scaler Licence Number	455D
H16	Primary Scaler Return Number	254
H17	Parcel Count	
H18	Parcel Identifier	
H19	Original Scaler Licence Number	
H20	Original Scaler Return Number	
H21	Check Replaces Original Flag	
H22	Scale Method	N

S	Field	Value
H23	Log Count	(Software Generated)
H24	Comments	Scenario 24 LT RT
H25	Software Product	(Software Generated)
H26	Software Version	(Software Generated)
H27	Software Revision	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)
H29	DV - Document Version	(Software Generated)
H30	Secondary Scaler Licence Number	429F
H31	Signing Scaler Licence Number	455D
H32	Beachcomb	N
H33	Hash total	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	**Timber Mark On Log**	**NMV**	**Species**	**Grade**	**Length**	**Top**	**Butt (radius in CM)**	**Net Volume (Software Generated)**	**Defect Count**	**Defect number**	**Defect Code**	**Defect Volume (Software Generated)**	**Formatted Defect Measurement Description**
1			LO	2	75	22	24	Software Generated	0			Software Generated	
2			LO	4	69	20	23	Software Generated	0			Software Generated	
3			LO	2	81	27	29	Software Generated	0			Software Generated	
4			LO	6	79	5	7	Software Generated	0			Software Generated	
5			LO	1	83	28	30	Software Generated	0			Software Generated	

2.3.4. Event Type – Remote Red Tag

Scenario 25 – Standard

HEADER

S	Field	Value
H1	Event Type Code	RR
H2	Scale Site Number	472
H3	Load Arrival Number	0927
H4	Incoming LDS Number	2234454
H5	Transport Identifier	554354
H6	Source Timber Mark or Scaled Timber Brand	GE5433
H7	Cut Block Identifier	5456-7
H8	Field Scale Flag	N
H9	Field Scale Deck Identifier	
H10	PSY	
H11	Weigh Slip Number	3532241577
H12	Weight of Sample	

S	Field	Value
H13	Originating Scale Site Number	473
H14	Scale Date	20060402
H15	Primary Scaler Licence Number	9483
H16	Primary Scaler Return Number	1069
H17	Parcel Count	
H18	Parcel Identifier	
H19	Original Scaler Licence Number	
H20	Original Scaler Return Number	
H21	Check Replaces Original Flag	
H22	Scale Method	N
H23	Log Count	(Software Generated)
H24	Comments	Scenario 25 LT RR
H25	Software Product	(Software Generated)
H26	Software Version	(Software Generated)
H27	Software Revision	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)
H29	DV - Document Version	(Software Generated)
H30	Secondary Scaler Licence Number	429F
H31	Signing Scaler Licence Number	9483
H32	Beachcomb	N
H33	Hash total	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	**Timber Mark On Log**	**NMV**	**Species**	**Grade**	**Length**	**Top**	**Butt (radius in CM)**	**Net Volume (Software Generated)**	**Defect Count**	**Defect number**	**Defect Code**	**Defect Volume (Software Generated)**	**Formatted Defect Measurement Description**
1			LO	2	87	24	25	Software Generated	0			Software Generated	
2			LO	4	85	24	27	Software Generated	0			Software Generated	
3			LO	2	84	24	26	Software Generated	0			Software Generated	
4			LO	4	77	22	25	Software Generated	0			Software Generated	
5			LO	1	75	20	23	Software Generated	0			Software Generated	

2.3.5. Event Type – Sample Scale

Scenario 26 – Standard

HEADER

S	Field	Value
H1	Event Type Code	SS
H2	Scale Site Number	472

S	Field	Value
H3	Load Arrival Number	
H4	Incoming LDS Number	
H5	Transport Identifier	
H6	Source Timber Mark or Scaled Timber Brand	GE5412
H7	Cut Block Identifier	
H8	Field Scale Flag	
H9	Field Scale Deck Identifier	
H10	PSY	47020406
H11	Weigh Slip Number	3325471395
H12	Weight of Sample	37113
H13	Originating Scale Site Number	
H14	Scale Date	20060401
H15	Primary Scaler Licence Number	9483
H16	Primary Scaler Return Number	1070
H17	Parcel Count	
H18	Parcel Identifier	
H19	Original Scaler Licence Number	
H20	Original Scaler Return Number	
H21	Check Replaces Original Flag	
H22	Scale Method	G
H23	Log Count	(Software Generated)
H24	Comments	Scenario 26 LT SS
H25	Software Product	(Software Generated)
H26	Software Version	(Software Generated)
H27	Software Revision	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)
H29	DV - Document Version	(Software Generated)
H30	Secondary Scaler Licence Number	429F
H31	Signing Scaler Licence Number	9483
H32	Beachcomb	
H33	Hash total	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	**Timber Mark On Log**	**NMV**	**Species**	**Grade**	**Length**	**Top**	**Butt (radius in CM)**	**Net Volume (Software Generated)**	**Defect Count**	**Defect number**	**Defect Code**	**Defect Volume (Software Generated)**	**Formatted Defect Measurement Description**
1			BA	2	69	19	22	Software Generated	0			Software Generated	

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	**Timber Mark On Log**	**NMV**	**Species**	**Grade**	**Length**	**Top**	**Butt (radius in CM)**	**Net Volume (Software Generated)**	**Defect Count**	**Defect number**	**Defect Code**	**Defect Volume (Software Generated)**	**Formatted Defect Measurement Description**
2			BA	2	75	21	23	Software Generated	0			Software Generated	
3			BA	4	77	21	23	Software Generated	0			Software Generated	
4			LO	2	87	24	26	Software Generated	0			Software Generated	
5			LO	1	81	23	26	Software Generated	0			Software Generated	

Scenario 27 – Standard with Defects

HEADER

S	Field	Value
H1	Event Type Code	SS
H2	Scale Site Number	472
H3	Load Arrival Number	
H4	Incoming LDS Number	
H5	Transport Identifier	
H6	Source Timber Mark or Scaled Timber Brand	GE5412
H7	Cut Block Identifier	
H8	Field Scale Flag	
H9	Field Scale Deck Identifier	
H10	PSY	47020406
H11	Weigh Slip Number	1114399734
H12	Weight of Sample	100009
H13	Originating Scale Site Number	
H14	Scale Date	20060401
H15	Primary Scaler Licence Number	9483
H16	Primary Scaler Return Number	1071
H17	Parcel Count	
H18	Parcel Identifier	
H19	Original Scaler Licence Number	
H20	Original Scaler Return Number	
H21	Check Replaces Original Flag	
H22	Scale Method	G
H23	Log Count	(Software Generated)
H24	Comments	Scenario 27 LT SS
H25	Software Product	(Software Generated)
H26	Software Version	(Software Generated)
H27	Software Revision	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)
H29	DV - Document Version	(Software Generated)

S	Field	Value
H30	Secondary Scaler Licence Number	429F
H31	Signing Scaler Licence Number	9483
H32	Beachcomb	
H33	Hash total	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	**Timber Mark On Log**	**NMV**	**Species**	**Grade**	**Length**	**Top**	**Butt (radius in CM)**	**Net Volume (Software Generated)**	**Defect Count**	**Defect number**	**Defect Code**	**Defect Volume (Software Generated)**	**Formatted Defect Measurement Description**
1			BA	4	99	27	30	Software Generated	1	1	HR	Software Generated	CY TR1 BR8 L12 %15
2			BA	2	87	22	23	Software Generated	3	1	BR	Software Generated	CN B3 L13
2								Software Generated		2	BR	Software Generated	FC TR2 BR3 L9
2								Software Generated		3	SR	Software Generated	RG TR22 BR23 L87 %40 ITR20 IBR21
3			BA	2	77	22	25	Software Generated	1	1	MW	Software Generated	SQ L8 TH3 TW10 BH9 BW9
4			LO	1	87	20	22	Software Generated	1	1	MW	Software Generated	TR L2 TH1 TW2 BH3 BW4
5			LO	1	91	21	23	Software Generated	1	1	RR	Software Generated	DR LD0 TD2 BD1

2.3.6. Event Type – Remote Sample Scale

Scenario 28 – Standard

HEADER

S	Field	Value
H1	Event Type Code	RS
H2	Scale Site Number	472
H3	Load Arrival Number	4432429887
H4	Incoming LDS Number	5533442332
H5	Transport Identifier	443321165609994
H6	Source Timber Mark or Scaled Timber Brand	GE5433
H7	Cut Block Identifier	
H8	Field Scale Flag	
H9	Field Scale Deck Identifier	
H10	PSY	47030206
H11	Weigh Slip Number	7552548254
H12	Weight of Sample	37555
H13	Originating Scale Site Number	473
H14	Scale Date	20060415
H15	Primary Scaler Licence Number	9483
H16	Primary Scaler Return Number	1072
H17	Parcel Count	
H18	Parcel Identifier	
H19	Original Scaler Licence Number	
H20	Original Scaler Return Number	
H21	Check Replaces Original Flag	
H22	Scale Method	G
H23	Log Count	(Software Generated)
H24	Comments	Scenario 28 RS Standard
H25	Software Product	(Software Generated)
H26	Software Version	(Software Generated)
H27	Software Revision	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)
H29	DV - Document Version	(Software Generated)
H30	Secondary Scaler Licence Number	429F
H31	Signing Scaler Licence Number	9483
H32	Beachcomb	
H33	Hash total	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	**Timber Mark On Log**	**NMV**	**Species**	**Grade**	**Length**	**Top**	**Butt (radius in CM)**	**Net Volume (Software Generated)**	**Defect Count**	**Defect number**	**Defect Code**	**Defect Volume (Software Generated)**	**Formatted Defect Measurement Description**
1			BA	2	90	22	24	Software Generated	0			Software Generated	
2			BA	1	97	24	26	Software Generated	0			Software Generated	
3			LO	2	89	20	23	Software Generated	0			Software Generated	
4			LO	6	88	20	23	Software Generated	0			Software Generated	
5			LO	4	89	21	23	Software Generated	0			Software Generated	

2.3.7. Event Type – SB4 Rescale

Scenario 29 – Standard

HEADER

S	Field	Value
H1	Event Type Code	4R
H2	Scale Site Number	19V
H3	Load Arrival Number	337765777A
H4	Incoming LDS Number	445533221B
H5	Transport Identifier	4433211656097665
H6	Source Timber Mark or Scaled Timber Brand	DCR19V
H7	Cut Block Identifier	
H8	Field Scale Flag	
H9	Field Scale Deck Identifier	
H10	PSY	
H11	Weigh Slip Number	
H12	Weight of Sample	
H13	Originating Scale Site Number	
H14	Scale Date	20060415
H15	Primary Scaler Licence Number	9483
H16	Primary Scaler Return Number	1073
H17	Parcel Count	
H18	Parcel Identifier	
H19	Original Scaler Licence Number	
H20	Original Scaler Return Number	
H21	Check Replaces Original Flag	
H22	Scale Method	
H23	Log Count	

S	Field	Value
H24	Comments	Scenario 29 LT 4R
H25	Software Product	(Software Generated)
H26	Software Version	(Software Generated)
H27	Software Revision	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)
H29	DV - Document Version	(Software Generated)
H30	Secondary Scaler Licence Number	
H31	Signing Scaler Licence Number	9483
H32	Beachcomb	
H33	Hash total	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)

2.3.8. Event Type – Company Use

Scenario 30 – Standard

HEADER

S	Field	Value
H1	Event Type Code	CU
H2	Scale Site Number	19V
H3	Load Arrival Number	
H4	Incoming LDS Number	
H5	Transport Identifier	
H6	Source Timber Mark or Scaled Timber Brand	
H7	Cut Block Identifier	
H8	Field Scale Flag	
H9	Field Scale Deck Identifier	
H10	PSY	
H11	Weigh Slip Number	
H12	Weight of Sample	
H13	Originating Scale Site Number	
H14	Scale Date	20060415
H15	Primary Scaler Licence Number	9483
H16	Primary Scaler Return Number	1074
H17	Parcel Count	
H18	Parcel Identifier	
H19	Original Scaler Licence Number	
H20	Original Scaler Return Number	
H21	Check Replaces Original Flag	
H22	Scale Method	
H23	Log Count	

S	Field	Value
H24	Comments	Scenario 30 LT CU
H25	Software Product	(Software Generated)
H26	Software Version	(Software Generated)
H27	Software Revision	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)
H29	DV - Document Version	(Software Generated)
H30	Secondary Scaler Licence Number	
H31	Signing Scaler Licence Number	9483
H32	Beachcomb	
H33	Hash total	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)

2.4. Corrected Log Tally Test Cases

2.4.1. Event Type - Primary Scale

Scenario 31 – Scenario 18 Correction

The load had some recording errors. The Timber Mark was incorrect and an extra log was scaled. Modify the Timber Mark and delete the log.

HEADER

S	Field	Original Value	New Value
H1	Event Type Code	PS	PS
H2	Scale Site Number	19V	19V
H3	Load Arrival Number	1000210096	1000210096
H4	Incoming LDS Number	3343P22789	3343P22789
H5	Transport Identifier	115456667854GA59	115456667854GA59
H6	Source Timber Mark or Scaled Timber Brand	EX6020	EX6018
H7	Cut Block Identifier	A332655924	A332655924
H8	Field Scale Flag	N	N
H9	Field Scale Deck Identifier		
H10	PSY		
H11	Weigh Slip Number		
H12	Weight of Sample		
H13	Originating Scale Site Number		
H14	Scale Date	20060402	20060402
H15	Primary Scaler Licence Number	9483	9483
H16	Primary Scaler Return Number	1063	1063
H17	Parcel Count		
H18	Parcel Identifier		
H19	Original Scaler Licence Number		
H20	Original Scaler Return Number		
H21	Check Replaces Original Flag		
H22	Scale Method	N	N
H23	Log Count	(Software Generated)	(Software Generated)
H24	Comments	Scen. 18 LT PS < & >	Scenario 31 LT PS
H25	Software Product	(Software Generated)	(Software Generated)
H26	Software Version	(Software Generated)	(Software Generated)
H27	Software Revision	(Software Generated)	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)	(Software Generated)
H29	DV - Document Version	(Software Generated)	(Software Generated)
H30	Secondary Scaler Licence Number	429F	429F
H31	Signing Scaler Licence Number	9483	9483
H32	Beachcomb	N	N
H33	Hash total	(Software Generated)	(Software Generated)

S	Field	Original Value	New Value
H34	Authentication Key Encrypted Hash total	(Software Generated)	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	Timber Mark On Log	NMV	Species	Grade	Length	Top	Butt (radius in CM)	Net Volume (Software Generated)	Defect Count	Defect number	Defect Code	Defect Volume (Software Generated)	Formatted Defect Measurement Description
1			FI	H	103	22	25	Software Generated	0			Software Generated	
2			CE	H	98	20	23	Software Generated	0			Software Generated	
3			CE	I	109	21	24	Software Generated	0			Software Generated	
5			HE	D	105	33	37	Software Generated	0			Software Generated	

Notes:

– Blacked out line represents deleted record. Software must not re-number.

2.4.2. Event Type – From Deck Site

Scenario 32 – Scenario 23 Correction

The original scale return was scaled as billable and actually was a stock scale. Modify the TimberMark to be a non-billable. This effectively changes the event type to CU.

HEADER

S	Field	Original Value	New Value
H1	Event Type Code	FD	CU
H2	Scale Site Number	19V	19V
H3	Load Arrival Number	021009	
H4	Incoming LDS Number		
H5	Transport Identifier		
H6	Source Timber Mark or Scaled Timber Brand	6/106	
H7	Cut Block Identifier		
H8	Field Scale Flag	N	
H9	Field Scale Deck Identifier		
H10	PSY		
H11	Weigh Slip Number		
H12	Weight of Sample		
H13	Originating Scale Site Number		
H14	Scale Date	20060428	20060428
H15	Primary Scaler Licence Number	9483	9483
H16	Primary Scaler Return Number	1068	1068
H17	Parcel Count		
H18	Parcel Identifier		

S	Field	Original Value	New Value
H19	Original Scaler Licence Number		
H20	Original Scaler Return Number		
H21	Check Replaces Original Flag		
H22	Scale Method	N	
H23	Log Count	(Software Generated)	
H24	Comments	Scenario 23 LT FD	Scenario 32 LT FD
H25	Software Product	(Software Generated)	(Software Generated)
H26	Software Version	(Software Generated)	(Software Generated)
H27	Software Revision	(Software Generated)	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)	(Software Generated)
H29	DV - Document Version	(Software Generated)	(Software Generated)
H30	Secondary Scaler Licence Number	429F	429F
H31	Signing Scaler Licence Number	9483	9483
H32	Beachcomb	N	
H33	Hash total	(Software Generated)	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)	(Software Generated)

2.4.3. Event Type – Red Tag

Scenario 33 – Scenario 24 Correction

This load had some recording errors. Modify the Timber Mark and change the scaler licence and return number.

HEADER

S	Field	Original Value	New Value
H1	Event Type Code	RT	RT
H2	Scale Site Number	472	472
H3	Load Arrival Number		
H4	Incoming LDS Number		
H5	Transport Identifier		
H6	Source Timber Mark or Scaled Timber Brand	GE5433	R12681
H7	Cut Block Identifier	5456-7	5456-7
H8	Field Scale Flag	N	N
H9	Field Scale Deck Identifier		
H10	PSY		
H11	Weigh Slip Number	3532241577	3532241577
H12	Weight of Sample		
H13	Originating Scale Site Number		
H14	Scale Date	20060402	20060402
H15	Primary Scaler Licence Number	455D	9483
H16	Primary Scaler Return Number	254	1075
H17	Parcel Count		
H18	Parcel Identifier		
H19	Original Scaler Licence Number		

S	Field	Original Value	New Value
H20	Original Scaler Return Number		
H21	Check Replaces Original Flag		
H22	Scale Method	N	N
H23	Log Count	(Software Generated)	(Software Generated)
H24	Comments	Scenario 24 LT RT	Scenario 33 LT RT
H25	Software Product	(Software Generated)	(Software Generated)
H26	Software Version	(Software Generated)	(Software Generated)
H27	Software Revision	(Software Generated)	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)	(Software Generated)
H29	DV - Document Version	(Software Generated)	(Software Generated)
H30	Secondary Scaler Licence Number	429F	429F
H31	Signing Scaler Licence Number	455D	9483
H32	Beachcomb	N	N
H33	Hash total	(Software Generated)	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	Timber Mark On Log	NMV	Species	Grade	Length	Top	Butt (radius in CM)	Net Volume (Software Generated)	Defect Count	Defect number	Defect Code	Defect Volume (Software Generated)	Formatted Defect Measurement Description
1			LO	2	75	22	24	Software Generated	0			Software Generated	
2			LO	4	69	20	23	Software Generated	0			Software Generated	
3			LO	2	81	27	29	Software Generated	0			Software Generated	
4			LO	6	79	5	7	Software Generated	0			Software Generated	
5			LO	1	83	28	30	Software Generated	0			Software Generated	

2.4.4. Event Type – Remote Red Tag

Scenario 34 – Scenario 25 Correction

This load was improperly scaled as a Red Tag. It actually was a sample. Add the PSY and sample weight. This effectively changes Event Type to a RS

HEADER

S	Field	Original Value	New Value
H1	Event Type Code	RR	RS
H2	Scale Site Number	472	472
H3	Load Arrival Number	0927	0927
H4	Incoming LDS Number	2234454	2234454
H5	Transport Identifier	554354	554354

S	Field	Original Value	New Value
H6	Source Timber Mark or Scaled Timber Brand	GE5433	GE5433
H7	Cut Block Identifier	5456-7	
H8	Field Scale Flag	N	
H9	Field Scale Deck Identifier		
H10	PSY		47030206
H11	Weigh Slip Number	3532241577	3532241577
H12	Weight of Sample		50000
H13	Originating Scale Site Number	473	473
H14	Scale Date	20060402	20060402
H15	Primary Scaler Licence Number	9483	9483
H16	Primary Scaler Return Number	1069	1069
H17	Parcel Count		
H18	Parcel Identifier		
H19	Original Scaler Licence Number		
H20	Original Scaler Return Number		
H21	Check Replaces Original Flag		
H22	Scale Method	N	N
H23	Log Count	(Software Generated)	(Software Generated)
H24	Comments	Scenario 25 LT RR	Scenario 34 LT RR
H25	Software Product	(Software Generated)	(Software Generated)
H26	Software Version	(Software Generated)	(Software Generated)
H27	Software Revision	(Software Generated)	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)	(Software Generated)
H29	DV - Document Version	(Software Generated)	(Software Generated)
H30	Secondary Scaler Licence Number	429F	429F
H31	Signing Scaler Licence Number	9483	9483
H32	Beachcomb	N	
H33	Hash total	(Software Generated)	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	Timber Mark On Log	NMV	Species	Grade	Length	Top	Butt (radius in CM)	Net Volume (Software Generated)	Defect Count	Defect number	Defect Code	Defect Volume (Software Generated)	Formatted Defect Measurement Description
1			LO	2	87	24	25	Software Generated	0			Software Generated	
2			LO	4	85	24	27	Software Generated	0			Software Generated	
3			LO	2	84	24	26	Software Generated	0			Software Generated	
4			LO	4	77	22	25	Software Generated	0			Software Generated	
5			LO	1	75	20	23	Software Generated	0			Software Generated	

2.4.5. Event Type – Sample Scale

Scenario 35 – Scenario 26 Correction

The sample weight was recorded incorrectly and an extra log was scaled. Modify to proper value.

HEADER

S	Field	Original Value	New Value
H1	Event Type Code	SS	SS
H2	Scale Site Number	472	472
H3	Load Arrival Number		
H4	Incoming LDS Number		
H5	Transport Identifier		
H6	Source Timber Mark or Scaled Timber Brand	GE5412	GE5412
H7	Cut Block Identifier		
H8	Field Scale Flag		
H9	Field Scale Deck Identifier		
H10	PSY	47020406	47020406
H11	Weigh Slip Number	3325471395	3325471395
H12	Weight of Sample	37113	36003
H13	Originating Scale Site Number		
H14	Scale Date	20060401	20060401
H15	Primary Scaler Licence Number	9483	9483
H16	Primary Scaler Return Number	1070	1070
H17	Parcel Count		
H18	Parcel Identifier		
H19	Original Scaler Licence Number		
H20	Original Scaler Return Number		
H21	Check Replaces Original Flag		
H22	Scale Method	G	G
H23	Log Count	(Software Generated)	(Software Generated)
H24	Comments	Scenario 26 LT SS	Scenario 35 LT SS
H25	Software Product	(Software Generated)	(Software Generated)
H26	Software Version	(Software Generated)	(Software Generated)
H27	Software Revision	(Software Generated)	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)	(Software Generated)
H29	DV - Document Version	(Software Generated)	(Software Generated)
H30	Secondary Scaler Licence Number	429F	429F
H31	Signing Scaler Licence Number	9483	9483
H32	Beachcomb		
H33	Hash total	(Software Generated)	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	**Timber Mark On Log**	**NMV**	**Species**	**Grade**	**Length**	**Top**	**Butt (radius in CM)**	**Net Volume (Software Generated)**	**Defect Count**	**Defect number**	**Defect Code**	**Defect Volume (Software Generated)**	**Formatted Defect Measurement Description**
1			BA	2	69	19	22	Software Generated	0			Software Generated	
								Software Generated				Software Generated	
3			BA	4	77	22	24	Software Generated	0			Software Generated	
4			LO	2	87	24	26	Software Generated	0			Software Generated	
5			LO	1	81	23	26	Software Generated	0			Software Generated	

Notes:

– Blacked out line represents deleted record. Software must not re-number logs.

2.4.6. Event Type – Remote Sample Scale

The load was originally scaled as a sample and should have been a Red Tag. Add the appropriate values. This effectively changes the Event Type to a RR.

Scenario 36 – Scenario 28 Correction

HEADER

S	Field	Original Value	New Value
H1	Event Type Code	RS	RR
H2	Scale Site Number	472	472
H3	Load Arrival Number	4432429887	4432429887
H4	Incoming LDS Number	5533442332	5533442332
H5	Transport Identifier	443321165609994	443321165609994
H6	Source Timber Mark or Scaled Timber Brand	GE5433	GE5433
H7	Cut Block Identifier		NA
H8	Field Scale Flag		N
H9	Field Scale Deck Identifier		
H10	PSY	47030206	
H11	Weigh Slip Number	7552548254	7552548254
H12	Weight of Sample	37555	
H13	Originating Scale Site Number	473	473
H14	Scale Date	20060415	20060415
H15	Primary Scaler Licence Number	9483	9483
H16	Primary Scaler Return Number	1072	1072
H17	Parcel Count		
H18	Parcel Identifier		
H19	Original Scaler Licence Number		

S	Field	Original Value	New Value
H20	Original Scaler Return Number		
H21	Check Replaces Original Flag		
H22	Scale Method	G	G
H23	Log Count	(Software Generated)	(Software Generated)
H24	Comments	Scenario 28 RS Standard	Scenario 36 LT RS
H25	Software Product	(Software Generated)	(Software Generated)
H26	Software Version	(Software Generated)	(Software Generated)
H27	Software Revision	(Software Generated)	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)	(Software Generated)
H29	DV - Document Version	(Software Generated)	(Software Generated)
H30	Secondary Scaler Licence Number	429F	429F
H31	Signing Scaler Licence Number	9483	9483
H32	Beachcomb		N
H33	Hash total	(Software Generated)	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)	(Software Generated)

LOG DETAIL

L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	D1	D2	D3	D4
Log Number	Timber Mark On Log	NMV	Species	Grade	Length	Top	Butt (radius in CM)	Net Volume (Software Generated)	Defect Count	Defect number	Defect Code	Defect Volume (Software Generated)	Formatted Defect Measurement Description
1			BA	2	90	22	24	Software Generated	0			Software Generated	
2			BA	1	97	24	26	Software Generated	0			Software Generated	
3			LO	2	89	20	23	Software Generated	0			Software Generated	
4			LO	6	88	20	23	Software Generated	0			Software Generated	
5			LO	4	89	21	23	Software Generated	0			Software Generated	

2.4.7. Event Type – SB4 Rescale

Scenario 37 – Scenario 29 Correction

The scaler return number was recorded incorrectly. Once fixed, the correction is not digitally signed.

HEADER

S	Field	Original Value	New Value
H1	Event Type Code	4R	4R
H2	Scale Site Number	19V	19V
H3	Load Arrival Number	337765777A	337765777A
H4	Incoming LDS Number	445533221B	445533221B

S	Field	Original Value	New Value
H5	Transport Identifier	4433211656097665	4433211656097665
H6	Source Timber Mark or Scaled Timber Brand	DCR19V	DCR19V
H7	Cut Block Identifier		
H8	Field Scale Flag		
H9	Field Scale Deck Identifier		
H10	PSY		
H11	Weigh Slip Number		
H12	Weight of Sample		
H13	Originating Scale Site Number		
H14	Scale Date	20060415	20060415
H15	Primary Scaler Licence Number	9483	9483
H16	Primary Scaler Return Number	1073	999
H17	Parcel Count		
H18	Parcel Identifier		
H19	Original Scaler Licence Number		
H20	Original Scaler Return Number		
H21	Check Replaces Original Flag		
H22	Scale Method		
H23	Log Count		
H24	Comments	Scenario 29 LT 4R	Scenario 37 LT 4R
H25	Software Product	(Software Generated)	(Software Generated)
H26	Software Version	(Software Generated)	(Software Generated)
H27	Software Revision	(Software Generated)	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)	(Software Generated)
H29	DV - Document Version	(Software Generated)	(Software Generated)
H30	Secondary Scaler Licence Number		
H31	Signing Scaler Licence Number	9483	
H32	Beachcomb		
H33	Hash total	(Software Generated)	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)	

2.4.8. Event Type – Company Use

Scenario 38 – Scenario 30 Correction

The incorrect scaler and return number were recorded on this parcel. Fix both and the new scaler signs the parcel.

HEADER

S	Field	Original Value	New Value
H1	Event Type Code	CU	CU
H2	Scale Site Number	19V	19V
H3	Load Arrival Number		
H4	Incoming LDS Number		

S	Field	Original Value	New Value
H5	Transport Identifier		
H6	Source Timber Mark or Scaled Timber Brand		
H7	Cut Block Identifier		
H8	Field Scale Flag		
H9	Field Scale Deck Identifier		
H10	PSY		
H11	Weigh Slip Number		
H12	Weight of Sample		
H13	Originating Scale Site Number		
H14	Scale Date	20060415	20060415
H15	Primary Scaler Licence Number	9483	9761
H16	Primary Scaler Return Number	1074	240
H17	Parcel Count		
H18	Parcel Identifier		
H19	Original Scaler Licence Number		
H20	Original Scaler Return Number		
H21	Check Replaces Original Flag		
H22	Scale Method		
H23	Log Count		
H24	Comments	Scenario 30 LT CU	Scenario 38 LT CU
H25	Software Product	(Software Generated)	(Software Generated)
H26	Software Version	(Software Generated)	(Software Generated)
H27	Software Revision	(Software Generated)	(Software Generated)
H28	DDN – Detail Document Number	(Software Generated)	(Software Generated)
H29	DV - Document Version	(Software Generated)	(Software Generated)
H30	Secondary Scaler Licence Number		
H31	Signing Scaler Licence Number	9483	9761
H32	Beachcomb		
H33	Hash total	(Software Generated)	(Software Generated)
H34	Authentication Key Encrypted Hash total	(Software Generated)	(Software Generated)

3. TEST CASE DATA SUBMISSION

For the documented test cases vendors are being asked to create test transmission files.

3.1. XML Transmission Construction

For each type of transaction specified, generate the two XML transmissions previously described.

- Originals
- Corrections

Each transmission must contain the following transmission header attributes

XML Name	Value
Batch Count	(Software Generated)
Type	T
Creator	(Valid Client Location code)

See section 1.5.1 for Client Location Codes defined for the documented test cases.

3.2. XML Batch Construction

The transmission will contain batches that must be segregated by scale site and batch type.

Each batch will contain the following batch header attributes.

XML Name	Definition
	WSB – Weigh Slip Billable WSR – Weigh Slip Red Tag WSO – Weigh Slip Other PPS – Piece Scale PSS – Sample Scale POT – Other Tallies
ScaleSite	Submitting Scale site
FromScaleDate	CCYYMMDD • The oldest scale date on any return in the batch
ToScaleDate	CCYYMMDD • The newest scale date on any return in the batch
SubmitterBatchID	Optional • a value selected by the submitter to identify the batch origin • For testing purposes include a vendor acronym and a sequential numbering scheme. • E.g. RWS_1, RWS_2 etc
DocumentCount	Count of all documents in batch
BatchControlTotal	PSS,PPS – Sum of log counts on all tallies in batch WSB, WSR – Sum of gross weights on weigh slips in batch ARL, DPL, POT, WSO – Count of all documents in batch