

Entity and Attribute Definitions Report

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Total Pages: 314
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Parameters

<i>Application:</i>	HBS
<i>Entities:</i>	%
<i>ER Diagram:</i>	%
<i>Include Entity Notes?</i>	Y
<i>Include Attribute Descriptions?</i>	Y
<i>Include Attribute Notes?</i>	Y
<i>Include Attribute Values?</i>	Y
<i>Include Table of Contents?</i>	N
<i>Include Index of Entities?</i>	Y

Entity Name: ACK MASK		<i>Short Name:</i>	AM
<i>Plural:</i>	ACK MASK		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Contains the default values for the different parts of an account control key (ACK). These are identified by a code (which is also used as a code lookup) which represents commonly used ACKs. The defaults are used as an edit mask when the code is used.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ACK MASK ACODE		N	VARCHAR2	3
A three character code that will identify all, or part, of an account control key. This allows users to enter only three characters instead of the entire account control key. This code will not be in CODE_LIST_TABLE.				

* = Attributes in primary unique identifier.

Unique Identifiers:

AM	Primary	Y
ACK MASK ACODE		

Entity Name:	ACKNOWLEDGEMENT TRANSMISSION	<i>Short Name:</i>	ACKTRN
<i>Plural:</i>	ACKNOWLEDGEMENT TRANSMISSION		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS TRANSMISSION		

Description:

*** OBSOLETE ***

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

ATC

Init. Volume: Avg. Volume:

Annual Growth Rate:

Describes a type of action being applied to an application object (i.e. insert, update, delete)

ACTION TYPE CODE

Entity Name: ANOMALY ASSESSMENT CONTROL

Short Name:

AAC

Plural: ANOMALY ASSESSMENT CONTROL

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

Defines the parameters used for executing the Anomaly Assessment batch processes

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
PRESENTATION SEQUENCE		N	NUMBER	2
A number used to sort anomaly process control types for display purposes				
ASSESSMENT BEGIN		N	NUMBER	4
A number used to describe how far into the past the anomaly process should 'begin looking' to include scale documents for assessment.				
i.e. include documents for assessment whose scale dates are greater than or equal to the anomaly proccess run-date minus the assessment begin value				
ASSESSMENT END		N	NUMBER	4
A number used to describe how far into the past the anomaly process should 'finish looking' to include scale documents for assessment.				
i.e. include documents for assessment whose scale dates are less than or equal to the anomaly proccess run-date minus the assessment end value				
UPDATE TIMESTAMP		N	DATE	
The date and time of the last update to the parameters used to control an assessment process				
UPDATE USERID		N	VARCHAR2	30
Identifes the HBS user that last updated the anomaly process control paramters				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MUST BE in an assessment state described by one and only one ANOMALY ASSESSMENT STATUS CODE

MUST BE recording a previous event from one and only one HBS ANOMALY BATCH EVENT

MUST BE recording the current event from one and only one HBS ANOMALY BATCH EVENT

* MUST BE of a conrtol type described by one and only one SCALE CONTROL TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

AAC

Primary Y

MUST BE of a conrtol type described by one and only one SCALE CONTROL TYPE CODE

Entity Name: ANOMALY ASSESSMENT STATUS CODE			<i>Short Name:</i> ANOMASSAT
<i>Plural:</i> ANOMALY ASSESSMENT STATUS CODES			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Identifies the state of anomaly assessment batch processes

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ANOMALY ASSESSMENT STATUS CODE		N	VARCHAR2	3
A code used to identify the current state of an anomaly assessment process				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to identify the current state of an anomaly assessment process				
EFFECTIVE DATE		N	DATE	
The date at which a code becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a code expires and is no longer effective or available for use				
UPDATE TIMESTAMP		N	DATE	
The date and time of the last update to a code (includes the insert date)				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing the assessment state of one or more ANOMALY ASSESSMENT CONTROL

* = Relationships in primary unique identifier.

Unique Identifiers:

AASC	Primary	Y
ANOMALY ASSESSMENT STATUS CODE		

Entity Name: APP OPRNG COST		<i>Short Name:</i>	AOC
<i>Plural:</i>	APP OPRNG COST		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

The Appraisal Operating Cost consists of the appraisal logging cost, silviculture cost, and manufacturing cost at the effective date of the appraisal, and the individual trended costs that were used determine the current stumpage rate.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TIMBER MARK		N	VARCHAR2	6
Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.				
* APP EFFECTIVE DATE		N	DATE	
The date on which the appraisal becomes effective.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

AOC	Primary	Y
TIMBER MARK		
APP EFFECTIVE DATE		

Entity Name: APP SPECIES		<i>Short Name:</i>	AS
<i>Plural:</i>	APP SPECIES		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

This entity identifies each species within the stand for the appraisal. For each species the volume, selling price/m3, and the species stumpage rate is identified. The estimated selling price is based upon market value schedules.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TIMBER MARK		N	VARCHAR2	6
Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.				
* APP EFFECTIVE DATE		N	DATE	
The date on which the appraisal becomes effective.				
* HDBS TREE SPECIES		N	VARCHAR2	2
A two letter code indicating the tree species in the stand.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

AS	Primary	Y
TIMBER MARK		
APP EFFECTIVE DATE		
HDBS TREE SPECIES		

Entity Name: APP SPP SP PROD			Short Name:	ASSP
Plural: APP SPP SP PROD				
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:
Provision for special fixed stumpage rates for authorized special species product grade combinations.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TIMBER MARK		N	VARCHAR2	6
Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.				
* APP EFFECTIVE DATE		N	DATE	
The date on which the appraisal becomes effective.				
* HDBS SPP PRD GRADE		N	VARCHAR2	5
A five character code. The first two characters stand for the tree species. The next two characters stand for the product to be made and the last character stands for the quality or grade of the species.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

ASSP	Primary	Y
TIMBER MARK		
APP EFFECTIVE DATE		
HDBS SPP PRD GRADE		

Entity Name: APP WORKSHEET		<i>Short Name:</i>	AW
<i>Plural:</i>	APP WORKSHEET		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

An Appraisal Worksheet is a conceptual collection of information required to process an appraisal and the results of the appraisal.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TIMBER MARK		N	VARCHAR2	6
Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.				
* APP EFFECTIVE DATE		N	DATE	
The date on which the appraisal becomes effective.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

AW	Primary	Y
TIMBER MARK		
APP EFFECTIVE DATE		

Entity Name: APPINT SPECIES			<i>Short Name:</i>	AS1
<i>Plural:</i>	APPINT SPECIES			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

This identifies each species within the stand for the appraisal. For each species the volume and selling price per cubic metre are identified. The estimated selling price for each species is based upon market value schedules.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TIMBER MARK		N	VARCHAR2	6
Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.				
* APP EFFECTIVE DATE		N	DATE	
The date on which the appraisal becomes effective.				
* HDBS TREE SPECIES		N	VARCHAR2	2
A two letter code indicating the tree species in the stand.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

AS1	<i>Primary</i>	Y
TIMBER MARK		
APP EFFECTIVE DATE		
HDBS TREE SPECIES		

Entity Name: APPRAISAL STUMPAGE RATE		Short Name:	ASR
Plural:	APP STMPG RATE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

The Stumpage Rate for the mark being appraised. A bonus bid may be added to some species. Amount for stumpage rates are expressed in dollars per cubic metre.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TIMBER MARK		N	VARCHAR2	6
Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.				
* APP EFFECTIVE DATE		N	DATE	
The date on which the appraisal becomes effective.				
* STMPG RTE EFCTV DT		N	DATE	
The date on which the stumpage rate becomes effective.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

ASR	Primary	Y
TIMBER MARK		
APP EFFECTIVE DATE		
STMPG RTE EFCTV DT		

Entity Name: AR POST TXN KEY			Short Name:	APTK
Plural:	AR POST TXN KEY			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

This table is used as a driver table for the Accounts Receivable Posting run. It is used to indicate all new invoices that were inserted into the Invoice table from the Billing processes. "Volume only" invoices are not inserted to this table.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INVOICE NUMBER		N	VARCHAR2	7
The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.				
* CANCELLATION IND		N	VARCHAR2	1
This attribute is used to identify invoices that are cancelling an invoice with the same Invoice_Number. It is set to "Y" only for a Piece Scale R2 transaction (Cancel and Replace). All other billing transactions are defaulted to "N".				
* = Attributes in primary unique identifier.				

Unique Identifiers:

APTK	Primary	Y
INVOICE NUMBER		
CANCELLATION IND		

Entity Name: BEACHCOMB			<i>Short Name:</i> BCOMB	
<i>Plural:</i> BEACHCOMB				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> PIECE SCL SEGREGATION				

Description:

A sub-type of Piece Scl Segregation entity for capturing segregation details of log salvage summary returns.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
INPUT BCOMB TIMBER MARK		Y	VARCHAR2	6
An input text string capturing all or partial timber mark that was visible on a salvaged log and coded on the scale return by the scaler.				
<i>This attribute is used to capture exactly what was coded on a scale return and may not validate against Timber Mark referential integrity constraints.</i>				
<i>* = Attributes in primary unique identifier.</i>				

Notes:

Segregation details for BCOMB scale returns can be identified by the entry of BCOMB1, BCOMB2, or BCOMB3 in the predominant mark attribut of the Summary Scale Return Version.

Entity Name: BILLABLE SUMMARY TXN		Short Name:	BSMTXN
Plural:	BILLABLE SUMMARY TXN		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	SUMMARY RETURN TRANSACTION		

Description:

A subtype of Summary Return Transaction...
A record of a processing transaction applied against a weight or piece scale return version that will result in the generation of an invoice.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
INTEREST REVERSAL IND		Y	VARCHAR2	1
Indicates that a summary transaction will require interest reversal processing (Only applies to cancellations)				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE capturing the copy-to as one and only one CLIENT LOCATION
MUST BE capturing the payee as one and only one CLIENT LOCATION
MAY BE referenced by one and only one FOREST INVOICE
MAY BE rated based on one and only one OVERRIDE RATING RULE
* = Relationships in primary unique identifier.

Subtypes:

PIECE SCL SMRY TXN
WEIGHT SCL SMRY TXN

Entity Name: BILLABLE TXN SEGREGATION**Short Name:**

BSTS

Plural: BILLABLE TXN SEGREGATION**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Subtype of:** SUMMARY RETURN TXN SEGREGATION**Description:**

A subtype of Summary Return Txn Segregation whose instances will capture invoice detail information for a summary return segregation.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
VALUE		Y NUMBER	15,2
The value that a segregation was billed for			
RATE		Y NUMBER	6,2
The rate at which a segregation was billed			
RESERVE STMPG RATE COMPONENT		Y NUMBER	6,2
Describes the reserve stumpage rate portion of the rate			
<i>Phase 3 attributes</i>			
BONUS BID RATE COMPONENT		Y NUMBER	6,2
Describes the bonus bid portion of the rate			
<i>Phase 3 attributes</i>			
DEV LEVY RATE COMPONENT		Y NUMBER	6,2
Describes the development levy portion of the rate			
<i>Phase 3 attributes</i>			
SILV LEVY RATE COMPONENT		Y NUMBER	6,2
Describes the silviculture levy portion of the rate			
<i>Phase 3 attributes</i>			
RATE SOURCE		Y VARCHAR2	40
Identifies the source of the rate with regard to the 'logic' path taken, and decisions made, by the price lookup function in obtaining or determining an appropriate rate.			
<i>Phase 3 attributes</i>			
RESERVE STMPG AMOUNT COMPONENT		Y NUMBER	15,2
The portion of the segregation value amount attributed to the reserve stumpage rate component			
BONUS BID AMOUNT COMPONENT		Y NUMBER	15,2
The portion of the segregation value amount attributed to the bonus bid rate component			
DEV LEVY AMOUNT COMPONENT		Y NUMBER	15,2
The portion of the segregation value amount attributed to the development levy rate component			
SILV LEVY AMOUNT COMPONENT		Y NUMBER	15,2
The portion of the segregation value amount attributed to the silviculture levy rate component			

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE supplied with one and only one OVERRIDE RATE

* = Relationships in primary unique identifier.

Subtypes:

PIECE SCL TXN SEGREGATION

WEIGHT SCL TXN SEGREGATION

Entity Name: BILLING TYPE CODE		<i>Short Name:</i>	BTC
<i>Plural:</i>	BILLING TYPE CODE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

A code identifying the type of a billing process that has been applied to a transaction or set of transactions being recorded in Harvest and Scaling History:

NP Normal Production

CR Cruise Based

WA Waste Avoidable

WU Waste Unavoidable

B1 Beachcomb 1

B2 Beachcomb 2

B3 Beachcomb 3

B4 Beachcomb 4

B5 Beachcomb 5

B6 Beachcomb 6

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* BILLING TYPE CODE		N	VARCHAR2	2
A text code used to identify a type of billing process applied to a transacation or set of transactions				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to identify billing types				
EFFECTIVE DATE		N	DATE	
The date at which a code becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a code expires and is no longer effective or available for use				
UPDATE TIMESTAMP		N	TIMESTAMP	
The date and time of the last update to a code (includes the insert date)				
* = Attributes in primary unique identifier.				

Unique Identifiers:

BTC	Primary	Y
BILLING TYPE CODE		

Notes:

This entity was added for HBS Ticket BT15778

Entity Name: CLIENT LOCATION**Short Name:** CL**Plural:** CLIENT LOCATION**Init. Volume:** 62000**Avg. Volume:** 62000**Max. Volume:** 100000**Annual Growth Rate:** 0%**Description:**

The description and the details of the address(es) at which a client operates. Its main purpose is to provide alternate mailing addresses. Maximum number of locations per client is 99. The average is 2 per client. Location 00 is always the client.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CLIENT LOCN CODE		N	VARCHAR2	2

A code to uniquely identify, within each client, the addresses of different divisions or locations at which the client operates. The location code is sequentially assigned starting with '00' for the client's permanent address.

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE a copy-to captured on one or more BILLABLE SUMMARY TXN

MAY BE a payee captured on one or more BILLABLE SUMMARY TXN

MAY BE identified as the destination of one or more DOCUMENT DELIVERY TRANSMISSION

MAY BE identified as the source of one or more DTL SCL DOC TRANSMISSION

* MUST BE houses one and only one FOREST CLIENT

MAY BE receiving documents as defined by one or more HBS CLIENT DELIVERY PROFILE

MAY BE receiving statements according to one or more HBS MARK HOLDER PROFILE

MAY BE recorded as requesting a report on one or more HBS REPORT LOG

MAY BE receiving a copy of one or more HBS TRX STATEMENT

MAY BE sent one or more HBS TRX STATEMENT

MAY BE employing one or more HBS USER

MAY BE having users identified as document recipients in one or more HBS USER CLI LOC DATA DOMAIN

MAY BE requesting for an employee one or more HBS USER REQUEST

MAY BE receive copies of one or more PIECE SCALE SUMMARY

MAY BE responsible for payment of one or more PIECE SCALE SUMMARY

MAY BE the owner of one or more POPULATION

MAY BE the owner of one or more SAMPLE PLAN

MAY BE the owner of one or more STRATUM

MAY BE the owner of one or more STRATUM PLAN

MAY BE receive copies of one or more WEIGHT SCALE SUMMARY

MAY BE responsible for payment of one or more WEIGHT SCALE SUMMARY

* = Relationships in primary unique identifier.

Unique Identifiers:

CL	Primary	Y
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MUST BE houses one and only one FOREST CLIENT

CLIENT LOCN CODE

Entity Name: CLNT RCVBL ACCT		Short Name:	CRA
Plural:	CLNT RCVBL ACCT		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

A uniquely numbered account for accumulating accounts receivable transactions. Each client may have one account per location.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CLIENT NUMBER		N	VARCHAR2	8
A sequentially assigned number which uniquely identifies a Ministry client.				
* CLIENT LOCN CODE		N	VARCHAR2	2
A code to uniquely identify, within each client, the addresses of different divisions or locations at which the client operates. The location code is sequentially assigned starting with '00' for the client's permanent address.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

CRA	Primary	Y
CLIENT NUMBER		
CLIENT LOCN CODE		

Entity Name: COAST SCALE GRADE CODE			Short Name:	CSGC
Plural:	COAST SCALE GRADE CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A subset of Scale Grade Code used to describe the grades that are only valid for coast scale log grades.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* COAST SCALE GRADE CODE		N	VARCHAR2	1
A code identifying scale grades that our used in coastal scaling areas				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used identify a scale grade used in coastal areas				
EFFECTIVE DATE		N	DATE	
The date at which a code becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a code expires and is no longer effective or available for use				
UPDATE TIMESTAMP		N	DATE	
The date and time of the last update to a code (includes the insert date)				
* = Attributes in primary unique identifier.				

Unique Identifiers:

CSGC_PK	Primary	Y
COAST SCALE GRADE CODE		

Notes:

Although the entity represents a subset of the Scale Grade Code entity it has been modelled as a seperate entity for ease of transformation. The implementation and data for this entity is static and will be maintained manually.

Short Name: CONSCLSPCD

Init. Volume: Avg. Volume: Max. Volume: Annual Growth Rate:

A subset of Scale Species Code containing only codes for Coniferous Speices

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
CONIFEROUS SCALE SPECIES CODE		N	VARCHAR2	2
A code identifying the type of a coniferous species				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to identify a type of coniferous species				
EFFECTIVE DATE		N	DATE	
The date at which a code becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a code expires and is no longer effective or available for use				
UPDATE TIMESTAMP		N	TIMESTAMP	
The date and time of the last update to a code (includes the insert date)				
* = <i>Attributes in primary unique identifier.</i>				

CSSC Primary Y
CONIFEROUS SCALE SPECIES CODE

Although the entity represents a subset of the Scale Species Code entity it has been modelled as a separate entity for ease of transformation. The implementation and data for this entity is static and will be maintained manually.

Entity Name: CUT BLOCK		<i>Short Name:</i>	CB
<i>Plural:</i>	CUT BLOCK		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Information about harvesting that takes place on a cut block within a cutting permit, for a file on a harvesting tenure.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CB SKEY		N	NUMBER	10
The unique identifier for a cut block.				
* = <i>Attributes in primary unique identifier.</i>				

Unique Identifiers:

CB	<i>Primary</i>	Y
CB SKEY		

Entity Name: DECIDUOUS SCALE SPECIES CODE			<i>Short Name:</i> DECSCLSPCD		
<i>Plural:</i> DECIDUOUS SCALE SPECIES CODE					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Annual Growth Rate:</i>					

Description:

A subset of Scale Species Code containing only codes for Deciduous Speices

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DECIDUOUS SCALE SPECIES CODE		N	VARCHAR2	2
A code identifying the type of a deciduous species				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to identify a type of decidous species				
EFFECTIVE DATE		N	DATE	
The date at which a code becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a code expires and is no longer effective or available for use				
UPDATE TIMESTAMP		N	TIMESTAMP	
The date and time of the last update to a code (includes the insert date)				
* = Attributes in primary unique identifier.				

Unique Identifiers:

DSSC	Primary	Y
DECIDUOUS SCALE SPECIES CODE		

Notes:

Although the entity represents a subset of the Scale Species Code entity it has been modelled as a seperate entity for ease of transformation. The implementation and data for this entity is static and will be maintained manually.

Also: Although YEW is a Coniferous, for the purposes of appraisal and raitng information the ministry chooses to treat it as a deciduous species

Entity Name: DETAIL RETURN BILLABLE TXN			<i>Short Name:</i> DTLRETBLTX		
<i>Plural:</i> DETAIL RETURN BILLABLE TXN					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
				<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> DETAIL RETURN TRANSACTION					

Description:

Captures derived detail scale document data generated during the processing of a detail scale document version for billable detail document types

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
INTEREST REVERSAL IND		Y	VARCHAR2	1
Indicates that a detail transaction will require interest reversal processing (Only applies to cancellations)				
* = Attributes in primary unique identifier.				

- Subtypes:**
- LOG TALLY TXN
 - SFP TALLY TXN
 - WEIGH SLIP TXN

Short Name: DRTXN

Init. Volume: Avg. Volume: Max. Volume: Annual Growth Rate:

Captures derived detail scale document data generated during the processing of a detail scale document version

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DTL TXN ID		N	NUMBER	32
A generated unique identifier for the a detail scale return transaction				
EVENT SEQUENCE		N	NUMBER	1
This is the sequence, repeating for each summary scale return version, that identifies the sequence of events for which transactions have been applied to a summary scale return version.				
e.g,				
transaction sequences for a return can be...				
1 original				
2 cancelled				
3 replaced				
(this is the case where the return is cancelled and replaced at a later date resulting from 3 seperate user requests or cancelled and replaced with changes resulting from a single user request)				
or				
1 original				
2 cancelled				
2 replaced				
(this is the case where the return is cancelled and replaced without changes resulting from a single user request)				
DEBIT CREDIT TYPE		N	VARCHAR2	2
Indicates if a transaction results in a debit (+) or credit (-) movement				
<i>Allowable Values of Attribute</i>				
CR	Credit		CR	
DR	Debit		DR	
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE in a state described by one and only one HBS TXN STATUS CODE

MUST BE defined by one and only one HBS TXN TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

DSCVTXN	Primary	Y
DTL TXN ID		

Subtypes:

DETAIL RETURN BILLABLE TXN

Entity Name:	DETAIL RETURN TRANSACTION (cont'd)	<i>Short Name:</i>	DRTXN
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SAMPLE TALLY TXN

Entity Name: DETAIL RETURN TXN SEGREGATION**Short Name:** DRTXNSEG**Plural:** DETAIL RETURN TXN SEGREGATION**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Captures derived data being applied to detail scale document transaction segregations

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DTL TXN SEG ID		N	NUMBER	32
A unique identifier (surrogate) for a transaction segregation record				
PRORATED VOLUME		N	NUMBER	15,3
The prorated volume of the whole summarized bill that can be attributed to a segregation from a specific load that comprised the summary transaction				
PRORATED VALUE		N	NUMBER	15,2
The prorated value of the whole summarized bill that can be attributed to a segregation from a specific load that comprised the summary transaction				
RATE		Y	NUMBER	6,2
The rate, in dollars, that a segregation was billed at				
RATE SOURCE		Y	VARCHAR2	40
Identifies the source of the rate with regard to the 'logic' path taken, and decisions made, by the price lookup function in obtaining or determining an appropriate rate.				
RESERVE STMPG RATE COMPONENT		Y	NUMBER	6,2
The portion of the segregation rate attributed to the reserve stumpage rate component				
BONUS BID RATE COMPONENT		Y	NUMBER	6,2
The portion of the segregation rate attributed to the bonus bid rate component				
DEV LEVY RATE COMPONENT		Y	NUMBER	6,2
The portion of the segregation rate attributed to the development levy rate component				
SILV LEVY RATE COMPONENT		Y	NUMBER	6,2
The portion of the segregation rate attributed to the silviculture levy rate component				
RESERVE STMPG AMOUNT COMPONENT		Y	NUMBER	15,2
The portion of the segregation value amount attributed to the reserve stumpage rate component				
BONUS BID AMOUNT COMPONENT		Y	NUMBER	15,2
The portion of the segregation value amount attributed to the bonus bid rate component				
DEV LEVY AMOUNT COMPONENT		Y	NUMBER	15,2
The portion of the segregation value amount attributed to the development levy rate component				
SILV LEVY AMOUNT COMPONENT		Y	NUMBER	15,2
The portion of the segregation value amount attributed to the silviculture levy rate component				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				

* = Attributes in primary unique identifier.

Relationships:

Entity Name:	DETAIL RETURN TXN SEGREGATION (cont'd)	<i>Short Name:</i>	DRTXNSEG
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Each Occurrence Of This Entity:

MUST BE defined as log product by one and only one SPECIES PRODUCT GRADE XREF
* = Relationships in primary unique identifier.

Unique Identifiers:

DSDSTXN	Primary	Y
DTL TXN SEG ID		

Subtypes:

- LOG TALLY TXN SEG
- SAMPLE TALLY TXN SEG
- SFP TALLY TXN SEG
- WEIGH SLIP TXN SEG

Short Name: DTLSDTC

Annual Growth Rate:

DETAIL SCALE DOC TYPE CODE

Entity Name: DETAIL SCALE DOC VERSION PROCESS/ **Short Name:** DSDVST2

Plural: DETAIL SCALE DOC VERSION PROCESSABLE

Init. Volume: **Avg. Volume:** **Max. Volume:** **Annual Growth Rate:**

Subtype of: DETAIL SCALE DOC VERSION SUBTYPE

Description:

This entity captures all attributes common to all scale document types except that are eligible for being summarized for statement processing.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
SCALE DATE		N	DATE	
The date (and time for weigh slips) upon which a load of timber was scaled				
INPUT SECONDARY SCALER LIC		Y	VARCHAR2	4
A "scaler licence" supplied on the source document, identifying a secondary scaler who may have participated in the recording of a scaling event.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "scaler licence" relationship</i>				
INPUT SIGNING SCALER LIC		Y	VARCHAR2	4
A "scaler licence" supplied on the source document, indicating which scaler, primary or secondary, 'signed' the scale document.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "scaler licence" relationship</i>				
HASH TOTAL		Y	NUMBER	10
A number generated, by the submitting scale document application, by an algorithm applied to every character of required data in a detail scale document.				
<i>The hashtotal alogrithm can be reapplied to the detailed scale document upon receipt, the resulting value can be compared to the original 'hash total' value to ensure that the document has not been altered.</i>				
ENCRYPTED AUTH KEY		Y	NUMBER	10
A character string generated scaling software to uniquely identify a detail scale document as having been created by a specific scaler.				
<i>The encrypted authorization key, or digital signature is generated from the scaler's authentication key</i>				
PRIMARY_QUANT_LIC_TYPE_CD		Y	VARCHAR2	1
A code that indicates the type of license for the scaler responsible for the scale data recorded on a scale return. For example, a type may be: Scaling license, Cruise license, or Residue Survey license.				
<i>This data item is no longer requiried as a result of the SCS rewrite, and the retirement of the QUANT LICNECE table</i>				
SECONDARY_QUANT_LIC_TYPE_CD		Y	VARCHAR2	1
A code that indicates the type of license for a scaler who assisted in collecting scale data for a scale return. For example, a type may be: Scaling license, Cruise license, or Residue Survey license.				
<i>This data item is no longer requiried as a result of the SCS rewrite, and the retirement of the QUANT LICNECE table</i>				
SIGNING_QUANT_LIC_TYPE_CD		Y	VARCHAR2	1
A code that indicates the type of license for the scaler who provided the digital signature for a scale return. For example, a type may be: Scaling license, Cruise license, or Residue Survey license.				
<i>This data item is no longer requiried as a result of the SCS rewrite, and the retirement of the QUANT LICNECE table</i>				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE also scaled by one and only one SCALER

MAY BE signed by one and only one SCALER

* = Relationships in primary unique identifier.

Entity Name: DETAIL SCALE DOC VERSION PROCESS/ (cont'd)

Short Name: DSDVST2

- Subtypes:
- PIECE SCALED TALLY
 - WEIGH SLIP

Entity Name: DETAIL SCALE DOC VERSION SUBTYPE

Short Name:

DSDVST1

Plural: DETAIL SCALE DOC VERSION SUBTYPE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Subtype of: DETAIL SCALE DOCUMENT VERSION

Description:

This entity captures all attributes common to all scale document types except for departure ledgers

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
INPUT PRIMARY SCALER LIC		Y	VARCHAR2	4

A "scaler licence" supplied on the source document, identifying the primary scaler responsible for recording a scaling event.

This attribute is used to capture source information that may not permit referential integrity to be resolved for the "scaler licence" relationship

INPUT SOURCE		Y	VARCHAR2	7
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Identifies the source of the timber scaled on a detail scale return as either a Timber Mark or a Timber Brand, depending on the scale return 'scale event type code'.

The Input source represents a Timber Mark for the following scale events:

- Weigh Slip
 - Primary scale
 - Sample scale
 - Remote scale
 - Primary departure
 - Red Tag
 - Remote red tag
- Piece Scaled Log Tally
 - Primary scale
 - From site deck
 - Red Tag
 - Remote red tag
 - Piece Check Scale
 - Sample scale
 - Remote sample scale
 - Sample check scale
- Site ledger (Arrival)
 - Primary scale
 - To site deck
 - From site deck
 - Remote sample scale
 - Remote red tag
- Site ledger (Departure)
 - n/a

The Input source represents a Timber Brand for the following scale events:

- Weigh Slip
 - SB4 rescale
- Piece Scaled Log Tally
 - SB4 rescale
- Site ledger (Arrival)
 - Scaled Before
 - SB4 rescale
- Site ledger (Departure)
 - n/a

This attribute is used to capture information that may not permit referential integrity to be resolved for the Timber Mark relationship where required based on the scale event type.

The Timber Brand must be validated against the Timber Brand attribute on the Scale_Site entity

FIELD SCALE DECK ID		Y	VARCHAR2	1
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Entity Name:	DETAIL SCALE DOC VERSION SUBTYPE (cont'd)	Short Name:	DSDVST1
Identifies a deck of timber (i.e. pile of logs) being field scaled (i.e. volume estimate)			
INCOMING LDS NUMBER	Y VARCHAR2	10	
The load description slip identifier captured from the load description slip document that accompanied a load of timber upon arrival at a scale site.			
TRANSPORT IDENTIFIER	Y VARCHAR2	16	
Identifies the transport mechanism that delivered the load of logs to a scale site			
e.g.			
Truck - license plate			
Boom - boom number			
etc...			
COMMENT	Y VARCHAR2	240	
A free form text attribute for capturing additional information about a detail scale return			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

MAY BE scaled by one and only one SCALER

* = Relationships in primary unique identifier.

Subtypes:

- DETAIL SCALE DOC VERSION PROCESSABLE
- SCL SITE ARRIVAL LEDGER

Entity Name: DETAIL SCALE DOCUMENT			Short Name: DTLSCLDOC
Plural:	DETAIL SCALE DOCUMENT		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Provides the identification for a single instance of a detail scale document

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DETAIL DOCUMENT NUMBER		N	VARCHAR2	13
A unique identifier for a scale document that is constructed from certain key values of contained in the document. The composition of the identifier is different for weigh slip and log tally documents. The Detail Document Number definition can be found in the HBS PHASE 2B TECHNICAL SPECIFICATION FOR INDUSTRY - section 5.1.1.1.				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MUST BE defined by one and only one DETAIL SCALE DOC TYPE CODE
 - MUST BE documented as one or more DETAIL SCALE DOCUMENT VERSION
 - MAY BE the result of the acceptance of one or more DTL DOC BATCH DOCUMENT
 - MUST BE in a state described by one and only one SCALE RETURN STATE CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

DTLSCLDOC	Primary	Y
DETAIL DOCUMENT NUMBER		

Entity Name: DETAIL SCALE DOCUMENT VERSION**Short Name:** DSDVT**Plural:** DETAIL SCALE DOCUMENT VERSION**Init. Volume:** **Avg. Volume:** **Max. Volume:** **Annual Growth Rate:****Description:**

Captures source data for a version of a detail level scale document or ledger item

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* VERSION		N	NUMBER	2
Identifies the version of a detail scale return. A new version is created when a detail scale return is modified.				
ACTIVE VERSION IND		N	VARCHAR2	1
Indicates that a version is the active version of interest to application processes				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
ORIGINAL VERSION IND		N	VARCHAR2	1
Indicates that the version was the original version recieved by HBS				
<i>A scale return's version may be prior to the version identified as the original</i>				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
VALID SIGNATURE IND		N	VARCHAR2	1
A flag indicating if the detail scale document was assigned a valid digital signature.				
TIMBER BRAND		Y	VARCHAR2	7
This describes the source of a load of lumber as the combination of scale site and district code. This attribute is only used for the following scale events:				
WSR 4R (Weigh Slip SB4 Rescale)				
POT 4R (Other Tallies SB4 Rescale)				
INPUT SCALE SITE		Y	VARCHAR2	4
An text string in the scale dcoument used to identify the scale site at which a load of timber was scaled.				
<i>This input field requires validation before it can be copied to the scale documents 'scale site' foreign key field</i>				
DTL DOC SEQ		N	NUMBER	32
Tracks the sequence that the document version was inserted				
<i>This is a physical attribute for the purposes of implementing anomaly processing</i>				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

- * MUST BE documenting a version of one and only one DETAIL SCALE DOCUMENT
- MAY BE the result of the acceptance of one and only one DTL DOC BATCH DOCUMENT
- MUST BE defined by one and only one SCALE EVENT TYPE CODE

Entity Name:	DETAIL SCALE DOCUMENT VERSION (cont'd)	<i>Short Name:</i>	DSDVT
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MAY BE scaled at one and only one SCALE SITE

MUST BE in a state described by one and only one SCL RTN VERSION STATE CODE

MAY BE referencing one and only one TIMBER MARK

** = Relationships in primary unique identifier.*

Unique Identifiers:

DSDV	Primary	Y
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MUST BE documenting a version of one and only one DETAIL SCALE DOCUMENT VERSION

Subtypes:

DETAIL SCALE DOC VERSION SUBTYPE

SCL SITE DEPARTURE LEDGER

Entity Name: DETAIL TALLY SEGREGATION			<i>Short Name:</i> DTLTLYSEG	
<i>Plural:</i> DETAIL TALLY SEGREGATION				
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>
<i>Subtype of:</i> DTL SCL DOC TALLY SEGREGATION		<i>Annual Growth Rate:</i>		

Description:
*** OBSOLETE ***

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:
*** OBSOLETE ***

- Subtypes:
- LOG TALLY DTL SEGREGATION
 - SAMPLE TALLY DTL SEGREGATION

Entity Name: DFLT STMPG RT T			Short Name:	DSRT
Plural:	DFLT STMPG RT T			
Init. Volume:	0	Avg. Volume:	0	Max. Volume: 0
			Annual Growth Rate:	0%

Description:

This table: 1) stores the maximum stumpage rate for an appraised species, where applicable; 2) stores the default stumpage rate for billing purposes for a species-product-grade combination that does not have rates specified in an individual appraisal.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* APPRAISAL METHOD CODE		N	VARCHAR2	1
The method used to determine the appraisal being done. (eg. 'c' = Coast, 'I' = Interior)				
* HDBS SPECIES PRODUCT GRADE		N	VARCHAR2	5
A five character code. Two characters stand for the tree species in a volume. Another two characters stand for the product to be made and the last character stands for the quality of the species found within a given volume.				
* ORG UNIT NO		N	NUMBER	10
Unique physical identifier for the storage of organizational unit				
codes for the Ministry of Forests' offices. Values stored here are for				
the computer's use only, and are not to be used by people as "ministr				
y codes".				
* EFFECTIVE DATE		N	DATE	
The date on which the associated default rate entry becomes effective.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

DSRT	Primary	Y
ORG UNIT NO		
EFFECTIVE DATE		
HDBS SPECIES PRODUCT GRADE		
APPRAISAL METHOD CODE		

Entity Name: DOCUMENT DELIVERY BATCH ITEM			<i>Short Name:</i> BATCHITEM	
<i>Plural:</i> DOCUMENT DELIVERY BATCH ITEM				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> HBS BATCH				

Description:

Captures the instance of a HBS statement (i.e. invoices, volume statements, compiled samples, and ratio reports) contained in a batch, which is being prepared for transmission to a Ministry client.

Statements can be transmitted in two methods, i.e. images and data.

Images are transmitted as a PDF document (1 PDF file per statement). The PDF documents being delivered are compressed into a single zipped file.

Data is transmitted as a single XML file containing the data for each statement.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE delivered in one and only one DOCUMENT DELIVERY TRANSMISSION

MUST BE containing one and only one HBS FILE

* = Relationships in primary unique identifier.

Entity Name: DOCUMENT DELIVERY TRANSMISSION**Short Name:** DOCDELTRAN**Plural:** DOCUMENT DELIVERY TRANSMISSION**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Subtype of:** HBS TRANSMISSION**Description:**

Captures information about the physical attributes of a file of statements being delivered to a Ministry client

Statements can be transmitted in two methods, i.e. images and data.

Images are transmitted as a PDF document (1 PDF file per statement). The PDF documents being delivered are compressed into a single zipped file.

Data is transmitted as a single XML file containing the data for each statement.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
RECIPIENT TYPE		N	VARCHAR2	7
Indicates if the recipient is receiving a copy (copy-to) or an original (send-to) document				
<i>Allowable Values of Attribute</i>				
SEND_TO	Indicates if the receiver is receiving an original statement			
COPY_TO	Indicates if the receiver is receiving a copy of the original statement			
PS INVOICE COUNT		N	NUMBER	10
The number of piece scale invoices being transmitted in a file				
PS VOL STATEMENT COUNT		N	NUMBER	10
The number of piece scale volume statements being transmitted in a file				
WS INVOICE COUNT		N	NUMBER	10
The number of weight scale invoices being transmitted in a file				
WS VOL STATEMENT COUNT		N	NUMBER	10
The number of weight scale volume statements being transmitted in a file				
COMPILED SAMPLE STMT COUNT		N	NUMBER	10
The number of compiled sample return statements being transmitted in a file				
RATIO STATEMENT COUNT		N	NUMBER	10
The number of ratio statements being transmitted in a file				
PDF FILE NAME		Y	VARCHAR2	100
A text string of the name of the pdf file generated for delivery				
CREATION DATE		Y	DATE	
The date the document was created				
SENT DATE		Y	DATE	
The date that the document was sent to the recipient				
EMAIL ADDRESS		Y	VARCHAR2	2000
The email address of the recipient to which the document was sent				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MUST BE recording as a destination one and only one CLIENT LOCATION

MAY BE delivering one or more DOCUMENT DELIVERY BATCH ITEM

MUST BE a delivery method defined by one and only one HBS DELIVERY METHOD CODE

MUST BE in a state described by one and only one HBS REPORT STATUS CODE

* = Relationships in primary unique identifier.

Entity Name:	DOCUMENT DELIVERY TRANSMISSION (cont'd)	Short Name:	DOCDELTRAN
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Notes:

The following attributes from the HBS_TRANSMISSION supertype are not implemented by this subtype:

RECORD COUNT

FILE DATETIME

BATCH COUNT

FAILURE REASON

Entity Name: DROPOUT MARK LATEST RATIO			Short Name: DMLASTRAT
Plural:	DROPOUT MARK LATEST RATIO		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

This entity records a link to the latest set of ratios that were used to bill a load of timber against a timber mark that has a non-renewable tenure (i.e. "drop-mark")

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	DATE	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identifying the latest ratio for a dropout mark from one and only one HBS RATIO STATEMENT
 - * MUST BE applied to a timber mark at one and only one STRATUM
 - * MUST BE recorded for one and only one TIMBER MARK
- * = Relationships in primary unique identifier.

Unique Identifiers:

DMLASTRAT	Primary	Y
MUST BE identifying the latest ratio for a dropout mark from one and only one HBS RATIO STATEMENT		
MUST BE applied to a timber mark at one and only one STRATUM		
MUST BE recorded for one and only one TIMBER MARK		

Entity Name: DTL BAT DOC FORMAT ERROR**Short Name:** BATDOCFERR**Plural:** DTL BAT DOC FORMAT ERROR**Init. Volume:** **Avg. Volume:****Max. Volume:****Annual Growth Rate:****Subtype of:** HBS EDIT ERROR**Description:**

Records an error that caused a document, recieved in a batch of detail documents, to fail unpacking edit event.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
INPUT SCALE SITE		Y VARCHAR2	4
An text string in a detail document in error, representing an un-validated scale site identifier			
INPUT DATE		Y VARCHAR2	8
An text string in a detail document in error, representing an un-validated scale date			
INPUT PRIMARY SCALER LIC		Y VARCHAR2	4
An text string in a detail document in error, representing an un-validated primary scaler identifier			
INPUT WEIGH SLIP NUMBER		Y VARCHAR2	10
An text string in a detail document in error, representing an un-validated weigh slip number			
INPUT SOURCE		Y VARCHAR2	7
An text string in a detail document in error, representing an un-validated timber mark or timber brand identifier			
INPUT SCALE EVENT TYPE		Y VARCHAR2	2
An text string in a detail document in error, representing an un-validated scale event type			
INPUT RETURN NUMBER		Y VARCHAR2	4
An text string in a detail document in error, representing an un-validated return number			

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MUST BE describing an error for one and only one DTL DOC BATCH DOCUMENT

* = Relationships in primary unique identifier.

Entity Name: DTL BAT FORMAT ERROR			<i>Short Name:</i> DBATFMterr		
<i>Plural:</i> DTL BAT FORMAT ERROR					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Subtype of:</i> HBS EDIT ERROR				<i>Annual Growth Rate:</i>	

Description:
Records an error that caused a batch of detail documents to fail an unpacking edit event.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MUST BE describing an error for one and only one DTL DOC BATCH
* = Relationships in primary unique identifier.

Entity Name: DTL DOC BATCH**Short Name:** DTLDOCBAT**Plural:** DTL DOC BATCH**Init. Volume:** Avg. Volume:**Max. Volume:****Annual Growth Rate:****Subtype of:** HBS BATCH**Description:**

A subtype of HBS Input Batch...

A batch of detail scale document data received by HBS

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
DTLDOCBAT TYPE		N VARCHAR2	10
Describes the type of scale document being submitted.			
*** <i>OBSOLETE</i> ***			
Only contains a single value "DTLBAT"			
BATCH CONTROL TOTAL		N NUMBER	15
A control total for validating the contents of a batch:			
- for Piece scale and samples batches the control total is the sum of log counts on all tallies in batch			
- for Weight scale batches the control total is the sum of gross weights on all weigh slips in batch			
- for ledgers - 0			
READY COUNT		N NUMBER	10
A count of the scale documents contained in the batch that HBS was able to accept and which contained no edit errors, and is ready for processing			
IN ERROR COUNT		N NUMBER	10
A count of the documents contained in the batch that HBS was able to accept but which contained edit errors			
FROM SCALE DATE		N DATE	
The earliest scale date from the set of scale documents included in the batch			
TO SCALE DATE		N DATE	
The latest scale date from the set of scale documents included in the batch			
OTHER COUNT		N NUMBER	10
Tracks the number of documents in the batch that were accepted into the database but have a status other than 'In Error' or 'Ready'			
RETURN COUNT		N NUMBER	10
A total count of the scale documents contained in the batch that HBS was able to accept			
ACCEPTED IND		N VARCHAR2	1
a boolean (yes/no) indicating if the batch was successfully unpacked and excepted by HBS			
<i>Allowable Values of Attribute</i>			
Y	Yes	Y	
N	No	N	
SUBMITTER BATCH ID		Y VARCHAR2	10
A batch identifier supplied by the submitter			

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MUST BE grouped by one and only one DETAIL SCALE DOC TYPE CODE

MAY BE in error due to one and only one DTL BAT FORMAT ERROR

MAY BE containing one or more DTL DOC BATCH DOCUMENT

MUST BE contained in one and only one DTL SCL DOC TRANSMISSION

MAY BE contains documents of one and only one HBS RETURN TYPE CODE

Entity Name:	DTL DOC BATCH (cont'd)	Short Name:	DTLDOCBAT
---------------------	------------------------	--------------------	-----------

MAY BE submitted from one and only one SCALE SITE

* = *Relationships in primary unique identifier.*

Entity Name: DTL DOC BATCH DOCUMENT**Short Name:** BATDOC**Plural:** DTL DOC BATCH DOCUMENT**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Records identifiers of an instance of a scale document recieved in a batch of detail scale documents that may or may not be accepted as a valid HBS detail scale document.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* BATDOC ID		N NUMBER	32
Surrogate key for uniquely identifying a document from a detail scale document batch			
ACCEPTED IND		N VARCHAR2	1
a boolean (yes/no) indicating if a scale document was successfully unpacked and excepted by HBS			
<i>Allowable Values of Attribute</i>			
Y	Yes	Y	
N	No	N	
SOFTWARE PRODUCT		Y VARCHAR2	12
The name of the software product used to generate a scale document			
SOFTWARE VERSION		Y VARCHAR2	4
Identifies the version of the software used to generate a scale document			
SOFTWARE REVISION		Y VARCHAR2	4
Identifies a revision or release of a version of a software product used to generate a scale document			
INPUT DDN		Y VARCHAR2	13
The contents of the detail document number field recieved in a scale document			
INPUT DV		Y VARCHAR2	2
The contents of the document version number field recieved in a scale document			
ENTRY USERID		N VARCHAR2	30
The USERID of the individual who entered the information.			
ENTRY TIMESTAMP		N DATE	
The date and time on which the record was created.			
* = Attributes in primary unique identifier.			

Relationships:Each Occurrence Of This Entity:

MAY BE accepted as one and only one DETAIL SCALE DOCUMENT

MAY BE accepted as one and only one DETAIL SCALE DOCUMENT VERSION

MAY BE in error due to one and only one DTL BAT DOC FORMAT ERROR

MUST BE contained in one and only one DTL DOC BATCH

* = Relationships in primary unique identifier.

Unique Identifiers:

DTLBATDOC Primary Y

BATDOC ID

Entity Name: DTL SCL DOC TALLY SEGREGATION			<i>Short Name:</i> DSDTLYSEG		
<i>Plural:</i> DTL SCL DOC TALLY SEGREGATION					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Annual Growth Rate:</i>					

Description:
Summarizes the detail log information into their segregations for a scale document version

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DTLSEG ID		N	NUMBER	32
A surrogate id uniquely identifying a detail segregation				
* = Attributes in primary unique identifier.				

Unique Identifiers:

DTLTLYSEG	Primary	Y
DTLSEG ID		

Notes:
*** OBSOLETE ***

- Subtypes:**
- DETAIL TALLY SEGREGATION
 - SFP TALLY SEGREGATION

Entity Name: DTL SCL DOC TRANSMISSION**Short Name:** DTLDOCTRAN**Plural:** DTL SCL DOC TRANSMISSION**Init. Volume:** Avg. Volume:**Max. Volume:****Annual Growth Rate:****Subtype of:** HBS TRANSMISSION**Description:**

This entity captures information regarding the physical transmission of an file of detail scale documents, and is later validated against information obtained from its XML content.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
BATCH COUNT		N	NUMBER	10
The number of batches contained in the transmisson				
ACCEPTED IND		N	VARCHAR2	1
a boolean (yes/no) indicating if the transmission was successfully unpacked and excepted by HBS				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
FILE DATETIME		N	TIMESTAMP	
the date and time a document is recieved by HBS				
RECORD COUNT		N	NUMBER	10
The number of records contained in a transmission				
TEST FILE IND		Y	VARCHAR2	1
A booean type field (test/prod) indicating that a tranmission has been sent to HBS as a production (P) file, that is to be fully processed, or a test (T) file that is only to be used to test the transmission of a file to HBS (no processing is performed on test files)				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
INPUT USERID		Y	VARCHAR2	30
A text string containing the user id of the HBS user who sent the file.				
<i>This field must be validated before its value can be copied to a HBS User foreign key field</i>				
RECD_DIRECTORY		Y	VARCHAR2	200
Captures the directory that a ftp transmitted scale document file was saved to				
<i>Contains the directory name, prefixed with a Client number identifier, into which HBS placed the file after the transmission is recieved</i>				
HBS_XML_PURGE_TIMESTAMP		Y	DATE	
A date a physical file submitted to HBS was purged fromthe file server directory.				
<i>These files are moved or purged from the file server directory structure for performance consdiderations</i>				
UPDATE USERID		Y	VARCHAR2	30
Identifes the HBS user that last updated a record				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time of the last update to a record				
* = Attributes in primary unique identifier.				

Relationships:**Each Occurrence Of This Entity:**

MAY BE recording as a source one and only one CLIENT LOCATION

MAY BE containing one or more DTL DOC BATCH

MAY BE physically received from one and only one FOREST CLIENT

MUST BE processed to a state described by one and only one HBS PROCESSING STATUS CODE

Entity Name: DTL SCL DOC TRANSMISSION (cont'd)**Short Name:** DTLDOCTRAN

MAY BE submitted by one and only one HBS USER

MAY BE processed to a state described by one and only one HBS XML PURGE STATUS CODE

MUST BE processed at a step described by one and only one HBS XML TRANS STEP CODE

MAY BE in error due to one and only one TRANSMISSION FORMAT ERROR

* = *Relationships in primary unique identifier.*

Notes:

At the time a file is received in its target directory a transmission record is created with the following data:

- transmission id
- file name
- file datetime
- entry userid (i.e. system userid)
- entry timestamp (i.e. system timestamp)
- accepted ind = N
- input userid (i.e. the NT userid)
- batch count = 0 (until validation)
- record count = 0 (until validation)
- test file ind = null (until validation)
- submitted by userid relationship is null (until validation)
- client/loc source relationship is null (until validation)
- hbs processing status code relationship is 'processing'

At the time the file is validated the following data is updated as appropriate:

- batch count
- record count
- accepted ind
- test file ind
- submitted by userid (if input userid is a valid HBS Userid)
- client/loc source
- hbs processing status code

For Industry transmissions the source is the client/loc for the site owner;
therefore, all scale sites in the transmission must be owned by the same client/loc

For Check scale transmissions the source is the client/loc for the Org_unit of the check scaler.

Entity Name: EDI TRANS STEP CODE		Short Name:	ETSTEPCD
Plural:	EDI TRANS STEP CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Identifies the current processing step an EDI transmission:
e.g.
UNP Unpack (Read EDI File and Create Scale Return Records)
HBE HBS Edits (Validate Scale Returns)

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* EDI TRANS STEP CODE		N	VARCHAR2	3
A code used to describe the current processing step of a EDI Transmission				
DESCRIPTION		N	VARCHAR2	120
A textual description of the current state of an EDI Transmission				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

P2A ETSC	Primary	Y
EDI TRANS STEP CODE		

Notes:

*** OBSOLETE ***

Entity Name: FINAL BILLABLE DROPOUT MARK			<i>Short Name:</i>	FBDM
<i>Plural:</i>	FINAL BILLABLE DROPOUT MARK			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

This entity identifies situations where a timber mark with a non-renewable tenure, (aka "dropout mark"), which are normally exempt from final billing, have chosen to be final billed, with current ratios, for timber scaled at a specific population.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	DATE	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identified as final billable for one and only one POPULATION
- * MUST BE recording final bill eligibiity one and only one TIMBER MARK
- * = Relationships in primary unique identifier.

Unique Identifiers:

FBDM	<i>Primary</i>	Y
<i>MUST BE identified as final billable for one and only one POPULATION</i>		
<i>MUST BE recording final bill eligibiity one and only one TIMBER MARK</i>		

Entity Name: FOR CLIENT LINK			<i>Short Name:</i>	FCL
<i>Plural:</i>	FOR CLIENT LINK			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Retrofitted from table FOR_CLIENT_LINK

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FOR CLIENT LINK SKEY		N	NUMBER	10
Retrofitted from column FOR_CLIENT_LINK_SKEY of table FOR_CLIENT_LINK				
* = Attributes in primary unique identifier.				

Unique Identifiers:

FCL	Primary	Y
FOR CLIENT LINK SKEY		

Entity Name: FOREST CLIENT				<i>Short Name:</i>	FC
<i>Plural:</i>	FOREST CLIENT				
<i>Init. Volume:</i>	35000	<i>Avg. Volume:</i>	67500	<i>Max. Volume:</i>	100000
				<i>Annual Growth Rate:</i>	2%

Description:

Any company or individual who is dealing, has dealt or plans to deal with the Ministry. This is effectively the name and address list for the Ministry.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CLIENT NUMBER		N	VARCHAR2	8
Sequentially assigned number to identify a ministry client.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MUST BE operates from one or more CLIENT LOCATION
- MAY BE identified as the sender of one or more DTL SCL DOC TRANSMISSION
- MAY BE identifying one and only one SCALER
- * = Relationships in primary unique identifier.

Unique Identifiers:

FC	Primary	Y
CLIENT NUMBER		

Entity Name: FOREST INVOICE			<i>Short Name:</i>	FI
<i>Plural:</i>	FOREST INVOICE			
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	0	<i>Max. Volume:</i> 0
			<i>Annual Growth Rate:</i>	0%

Description:

The invoice is the document that is used to notify a client of a billing assessment made by the Ministry.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INVOICE NUMBER		N	VARCHAR2	7
he Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.				
* CANCELLATION IND		N	VARCHAR2	1
This attribute is used to identify invoices that are cancelling an invoice with the same Invoice_Number. It is set to "Y" only for a Piece Scale R2 transaction (Cancel and Replace). All other billing transactions are defaulted to "N".				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE referencing one or more BILLABLE SUMMARY TXN

* = Relationships in primary unique identifier.

Unique Identifiers:

FI	Primary	Y
CANCELLATION IND		
INVOICE NUMBER		

Entity Name: FOREST TALLY		<i>Short Name:</i>	FT
<i>Plural:</i>	FOREST TALLY		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

*** OBSOLETE ***

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TALLY SKEY		N	NUMBER	10

*** OBSOLETE ***

* = Attributes in primary unique identifier.

Unique Identifiers:

FT	Primary	Y
TALLY SKEY		

Entity Name: GRADE SCHEDULE CODE		Short Name:	GRDSCCD
Plural:	GRADE SCHEDULE CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Identifies which grade schedule is permitted for a stratum.
e.g.
I - Interior
C - Coast

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* GRADE SCHEDULE CODE		N	VARCHAR2	1
A code identifying a grade schedule				
e.g.				
C - Coast				
I - Interior				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to identify a grade schedule				
EFFECTIVE DATE		N	DATE	
The date at which a code becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a code expires and is no longer effective or available for use				
UPDATE TIMESTAMP		N	DATE	
The date and time of the last update to a code (includes the insert date)				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE assigned to one or more STRATUM
MAY BE assinged to one or more STRATUM PLAN
* = Relationships in primary unique identifier.

Unique Identifiers:

GSC	Primary	Y
GRADE SCHEDULE CODE		

Entity Name: HARVEST COMMIT		<i>Short Name:</i>	HC
<i>Plural:</i>	HARVEST COMMIT		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Information about the agreement under which quota-type tenures operate. This refers to the distribution of the AAC and the area to be harvested, reflected as a commitment by the Forest Service to the tenure holder. This is the tenure current AAC.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FOREST FILE ID		N	VARCHAR2	10
File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

HC	Primary	Y
FOREST FILE ID		

Entity Name: HARVEST HISTORY			Short Name:	HH
Plural:	HARVEST HISTORY			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

This is the table used to store volume and value data for a Mark. The volumes are summary data, retained by Species, product, grade, billing period, and billing type. It exists for performance reasons to support the various queries and reports.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TIMBER MARK		N	VARCHAR2	6
Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.				
* BILLING YEAR		N	NUMBER	5
This is the year in which the recorded volume was billed.				
* BILLING MONTH		N	NUMBER	5
This is the month in which the recorded volume was billed.				
* HDBS TREE SPECIES		N	VARCHAR2	2
A code that identifies the species of log being scaled.				
* FOREST PRODUCT CDE		N	VARCHAR2	2
This code identifies the type of forest product being scaled. It is blank for logs.				
* LOG GRADE		N	VARCHAR2	1
A code assigned to each log to indicate the overall quality, which infers a certain value.				
* BILLIING TYPE CODE		N	VARCHAR2	2
This is a code used to differentiate between various types of billed volumes. Examples being regular harvest volume, waste volume, trespass volume, and overcut volume.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

HH	Primary	Y
TIMBER MARK		
BILLING YEAR		
BILLING MONTH		
HDBS TREE SPECIES		
FOREST PRODUCT CDE		
LOG GRADE		
BILLIING TYPE CODE		

Entity Name: HARVEST SALE		<i>Short Name:</i>	HS
<i>Plural:</i>	HARVEST SALE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Sale information relating to specific tenures, usually let via the competitive bid process. Information on planned sale and actual sale details are required for Small Business tenures.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FOREST FILE ID		N	VARCHAR2	10
File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.				
* = <i>Attributes in primary unique identifier.</i>				

Unique Identifiers:

HS	<i>Primary</i>	Y
FOREST FILE ID		

Entity Name: HBS ANOMALY BATCH EVENT			Short Name: ANOMBAT	
Plural: HBS ANOMALY BATCH EVENT				
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

Records the processing of the batch process that looks for scale anomalies.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ANOMALY BATCH ID		N	NUMBER	32
A unique identifier assigned to each run of the anomaly batch process				
ANOMALY BATCH DATETIME		N	TIMESTAMP	
Records the date and time an anomaly batch process was run				
FROM SCALE DATE		Y	DATE	
Captures the date that was used to identify the starting date of the date range for the scale documents to be included in the anomaly process event. This date is derived from the assessment control entity 'Assessment begin' value				
i.e. a document scale date must be greater than or equal to the 'from scale date'				
The starting point for the batch to process can be found by retrieving the TO_DTL_DOC_SEQ from the previous anomaly batch process event.				
TO SCALE DATE		Y	TIMESTAMP	
Captures the date that was used to identify the end date of the date range for the scale documents to be included in the anomaly process event. This date is derived from the assessment control entity 'Assessment end' value				
i.e. a document scale date must be less than or equal to the 'to scale date'				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE recorded as the current event for one and only one ANOMALY ASSESSMENT CONTROL
 - MAY BE recorded as the previous event for one and only one ANOMALY ASSESSMENT CONTROL
 - MAY BE generating one or more SCALE ANOMALY LOG
 - MAY BE the origin of one or more SCALE ANOMALY LOG
 - MUST BE of a control type described by one and only one SCALE CONTROL TYPE CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

ANOMBAT	Primary	Y
ANOMALY BATCH ID		

Entity Name: HBS AUDIT		Short Name: HBS_HA	
Plural:	HBS AUDIT		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:
Captures information about changes to HBS system data

<i>Attributes:</i>			
<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u> <u>Length</u>
* AUDIT ID		N	NUMBER
Surrogate key used to uniquely identify HBS audit events			
AUDIT DATE		N	DATE
Date an audit event occurred			
OBJECT OLD ID		N	VARCHAR2 128
The before audit event identifier of the object			
<i>This attribute is represented as a large varchar2 data item so that compound identifiers may be caputured as a concatenated string</i>			
OBJECT NEW ID		N	VARCHAR2 128
The after audit event identifier of the object			
<i>This attribute is represented as a large varchar2 data item so that compound identifiers may be caputured as a concatenated string</i>			
* = Attributes in primary unique identifier.			

Relationships:
Each Occurrence Of This Entity:
MUST BE described by one and only one ACTION TYPE CODE
MUST BE described by one and only one HBS OBJECT TYPE CODE
MAY BE described in detail by one or more HBS SCALE RETURN AUDIT
MAY BE recording authorization by one and only one HBS USER
MUST BE recording actions for one and only one HBS USER
* = Relationships in primary unique identifier.

Unique Identifiers:
HAT Primary Y
AUDIT ID

Entity Name: HBS BATCH**Short Name:** HBSBAT**Plural:** HBS BATCH**Init. Volume:** **Avg. Volume:** **Max. Volume:** **Annual Growth Rate:****Description:**

Represents a batch of scale return data being either delivered to the HBS or being bridged from HBS to the HDBS.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* BATCH ID		N	NUMBER	32
Surrogate key for uniquely identifying a batch				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

BAT	Primary	Y
BATCH ID		

Notes:

A batch is either an input batch (i.e. received from an EDI trading partner) or an output batch (i.e. scale returns that have been received in an input batch and have been compiled into a processing batch for transmission to the HDBS)

Subtypes:

DOCUMENT DELIVERY BATCH ITEM
 DTL DOC BATCH
 HBS EDI INPUT BATCH
 HBS OUTPUT BATCH
 HBS PAPER BATCH
 SRTS NOTIFICATION BATCH

Entity Name: HBS CLIENT DELIVERY PROFILE			Short Name:	DLVPROF
Plural: HBS CLIENT DELIVERY PROFILE				
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

This entity identifies the delivery method by which a client location will receive documents from HBS

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DLVPROF ID		N	NUMBER	32
A unique identifier (surrogate) for a client delivery profile				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		Y	DATE	
The date after which the code is no longer available for use.				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE defining a delivery method for one and only one CLIENT LOCATION

MUST BE defined by one and only one HBS DELIVERY METHOD CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

DLVPROF_UK	Primary	N
EFFECTIVE DATE		
DLVPROF	Primary	Y
DLVPROF ID		

Entity Name: HBS COMPILED SAMPLE STMNT		Short Name:	COMPSMPL
Plural:	HBS COMPILED SAMPLE STMNT		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	HBS TRX STATEMENT		

Description:

This entity captures information supporting the creation of a formal compiled sample statement document.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
TOTAL VOLUME		N	NUMBER	15,3

The total volume recorded for the summary scale statement

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MUST BE documenting one and only one SAMPLE SCL SMRY TXN

MUST BE referenced by one and only one SAMPLE SCL SMRY TXN

* = Relationships in primary unique identifier.

Entity Name: HBS DELIVERY METHOD CODE			Short Name: DELMTHDCD
Plural:	HBS DELIVERY METHOD CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Identifies methods of delivering HBS documents to clients
P - paper
A - attended HTTP transfer of PDF and/or XML electronic files
U - unattended (automated) FTP transfer of PDF and/or XML electronic files

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS DELIVERY METHOD CODE		N	VARCHAR2	1
A code used to identify a method of delivering documents to a HBS client				
DESCRIPTION		N	VARCHAR2	120
A textual description of a method of delivering documents to a HBS client				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE defining a delivery method for one or more DOCUMENT DELIVERY TRANSMISSION
MAY BE defining one or more HBS CLIENT DELIVERY PROFILE
* = Relationships in primary unique identifier.

Unique Identifiers:

DELMTHDCD	Primary	Y
HBS DELIVERY METHOD CODE		

Entity Name: HBS EDI DOCUMENT			<i>Short Name:</i> HBSEDIDOC		
<i>Plural:</i> HBS EDI DOCUMENT					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
			<i>Annual Growth Rate:</i>		

Description:

This entity captures the EDI document type header ('<<STX12MF>>') and X12 Begin Record ('01') record information. These data structures contain information about the document type, document source, scale site and scale type, etc.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* EDI DOC ID		N	NUMBER	32
Surrogate key for uniquely identifying a HBS EDI Document				
* = <i>Attributes in primary unique identifier.</i>				

Unique Identifiers:

EDIDOC TEMP	<i>Primary</i>	<i>Y</i>
<i>EDI DOC ID</i>		

Notes:

*** OBSOLETE ***

For piece and sample scale returns, each document is for one scale return.

For weight scale summary returns a document will contain:

- several daily load summaries
- several monthly returns
- several daily load summary summaries
- one montly return summaries

Entity Name: HBS EDI DOCUMENT ERROR		<i>Short Name:</i>	DOCERR
<i>Plural:</i>	HBS EDI DOCUMENT ERROR		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS EDIT ERROR		

Description:

A subtype of HBS Edit Error...
Records each error encountered when editing an EDI document for EDI structure, format, content errors.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Entity Name: HBS EDI INPUT BATCH		<i>Short Name:</i>	INBAT
<i>Plural:</i>	HBS EDI INPUT BATCH		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS BATCH		

Description:

A batch of scale return data received from an EDI trading partner

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Entity Name:	HBS EDI NEGATIVE ACKNOWLEDMENT	Short Name:	NACK
Plural:	HBS EDI NEGATIVE ACKNOWLEDMENT		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Captures information, for reporting purposes, about EDI documents that have been rejected by the EDI edit proccess

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* NACK ID		N	NUMBER	32
Surrogate key used to identify each instance of a negatively acknowledged scale return within an edi document				
* = <i>Attributes in primary unique identifier.</i>				

Unique Identifiers:

NACKSR	<i>Primary</i>	Y
NACK ID		

Notes:

*** OBSOLETE ***

- Subtypes:*
- PIECE SCL NEG ACK
 - SAMPLE SCL NEG ACK
 - WEIGHT SCL NEG ACK

Entity Name: HBS EDI TRANSMISSION**Short Name:** EDITR**Plural:** HBS EDI TRANSMISSION**Init. Volume:** **Avg. Volume:** **Max. Volume:** **Annual Growth Rate:****Subtype of:** HBS TRANSMISSION**Description:**

This entity captures information regarding the physical transmission of an edi file

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
TRIAL IND		N	VARCHAR2	1
Identifies the transmission as a trial batch				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
ACKNOWLEDGED IND		N	VARCHAR2	1
Identifies the transmission batch as having been edited by the EDI edit process				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
HEADER DATETIME		Y	VARCHAR2	14
Derived from the EDI Batch Header record, identified by the string '>>EDIS<<' in the first eight bytes of the first line in the batch.				
The Header date time is a component of the EDI-BATCH-ID field which is found in bytes 24-40 of the EDI Batch Header record.				
The date/time is the first 14 bytes of the EDI-BATCH-ID:				
Year 4 bytes 24 - 27				
Month 2 bytes 28 - 29				
Day 2 bytes 30 - 31				
Hour 2 bytes 32 - 33				
Minute 2 bytes 34 - 35				
Second 2 bytes 36 - 37				
(other) 3 bytes 38 - 40				
HEADER DOCUMENT COUNT		Y	VARCHAR2	7
Derived from the EDI Batch Header record, identified by the string '>>EDIS<<' in the first eight bytes of the first line in the batch.				
The Header Document Count is found in 7 bytes starting at position 48 of the EDI Batch Header record.				
HEADER RECORD COUNT		Y	VARCHAR2	9
Derived from the EDI Batch Header record, identified by the string '>>EDIS<<' in the first eight bytes of the first line in the batch.				
The Header Document Rount is found in 9 bytes starting at position 56 of the EDI Batch Header record.				
HEADER STRING		Y	VARCHAR2	82
This is the entire EDI Batch Header record string (identified by the string '>>EDIS<<' in the first eight bytes of the first line in the batch) found in the first line of the file.				

* = Attributes in primary unique identifier.

Notes:

*** OBSOLETE ***

Entity Name: HBS EDIT ERR CATEGORY CODE		Short Name:	ECC
Plural:	HBS EDIT ERR CATEGORY CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Provides a code and a description of categories of error messages used to describe an edit error:
e.g.
FMT Format error
STR Structure error
RTE Rate error
DTE Date error

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS EDIT ERR CATEGORY CODE		N	VARCHAR2	3
A code used to identify an error category for an edit error				
DESCRIPTION		N	VARCHAR2	120
A text description of the code used to identify an error category for an edit error				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE categorizing one or more HBS EDIT ERR MESSAGE CODE
* = Relationships in primary unique identifier.

Unique Identifiers:

P2A ECC	Primary	Y
HBS EDIT ERR CATEGORY CODE		

Entity Name: HBS EDIT ERR MESSAGE CODE**Short Name:**

EEMC

Plural: HBS EDIT ERR MESSAGE CODE**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Provides a code and a description of messages used to describe an Edit Error.

HDBS Table-42 will be used as the basis (starting point) for the list of codes for this entity.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS EDIT ERR MESSAGE CODE		N	VARCHAR2	6
A code used to identify an error message that an edit event may generate				
DESCRIPTION		N	VARCHAR2	120
Message text describing an error message that an edit event may generate				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

- * MUST BE categorized by one and only one HBS EDIT ERR CATEGORY CODE
- MUST BE the responsibility of an organization as indicated by one and only one HBS EDIT ERR RESPONSIBILITY CODE
- MAY BE describes one or more HBS EDIT ERROR

* = Relationships in primary unique identifier.

Unique Identifiers:

P2A EEMC

Primary Y

HBS EDIT ERR MESSAGE CODE

MUST BE categorized by one and only one HBS EDIT ERR CATEGORY CODE

Notes:

This entity does not adhere to the ministry code table standard, and will therefore not be maintained through the regular IMG code table maintenance/replication processes.

The business area maintenance processes will be responsible for maintaining the table values.

Entity Name: HBS EDIT ERR RESPONSIBLTY CODE		Short Name:	HEERC
Plural:	HBS EDIT ERR RESPONSIBLTY CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Describes the type of organization responsible for resolving errors.

e.g.
I - Industry
M - Misinstry
J - joint Ministry/Industry

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS EDIT ERR RESPONSIBLTY CODE		N	VARCHAR2	1
A code used to identify who is responsible for resolving an error				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to identify who is responsible for resolving an error				
EFFECTIVE DATE		N	DATE	
The date at which a code becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a code expires and is no longer effective or available for use				
UPDATE TIMESTAMP		N	TIMESTAMP	
The date and time of the last update to a code (includes the insert date)				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE indicating the organization responsible for resolving one or more HBS EDIT ERR MESSAGE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

HEERC	Primary	Y
HBS EDIT ERR RESPONSIBLTY CODE		

Entity Name: HBS EDIT ERROR			<i>Short Name:</i>	EDTERR
<i>Plural:</i>	HBS EDIT ERROR			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Records all errors encountered during edit events.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ERROR ID		N	NUMBER	32
Surrogate key for uniquely identifying an error				
ERROR TIMESTAMP		N	DATE	
Date and time at which the error message was generated				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE described by one and only one HBS EDIT ERR MESSAGE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

P2A EEE	<i>Primary</i>	Y
ERROR ID		

- Subtypes:*
- DTL BAT DOC FORMAT ERROR
 - DTL BAT FORMAT ERROR
 - HBS EDI DOCUMENT ERROR
 - LOG TALLY DETAIL DEFECT ERROR
 - LOG TALLY DETAIL ERROR
 - LOG TALLY ERROR
 - NEGATIVE ACK ERROR
 - PIECE SCL SEG ERROR
 - PIECE SCL VERSION ERROR
 - SAMPLE LOG TALLY ERROR
 - SAMPLE SCL SEG ERROR
 - SAMPLE SCL VERSION ERROR
 - SAMPLE TALLY DETAIL ERROR
 - SAMTALLY DETAIL DEFECT ERROR
 - SCALE SITE ARVL LDGR ERROR
 - SCALE SITE DEP LDGR ERROR
 - SFP TALLY DETAIL ERROR
 - SFP TALLY ERROR
 - TRANSMISSION FORMAT ERROR
 - WEIGH SLIP ERROR
 - WEIGHT SCL LOAD SMRY ERROR
 - WEIGHT SCL VERSION ERROR

Entity Name: HBS FILE		Short Name: HBSFILE	
<i>Plural:</i>	HBS FILE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Captures physical representation of documents generated by HBS

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS FILE ID		N	NUMBER	32
Surrogate key uniquely identifying a file				
FILE SENT IND		N	VARCHAR2	1
An indicator that a file has been delivered to the appropriate recipients				
FILE TIMESTAMP		N	TIMESTAMP	
The date and time at which the file was saved				
FILE OBJECT		Y	VARCHAR2	4000
The physical representation of the file (i.e. a clob object)				
<i>This field was specified with a Varchar2 data type but must be altered after transformation to a CLOB datatype (clob is not available as a data type)</i>				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE contained in one or more DOCUMENT DELIVERY BATCH ITEM
 - MAY BE containg a document representing one or more HBS TRX STATEMENT
 - MUST BE created using one and only one HBS TS VERSION
 - MUST BE of a type defined by one and only one MIME TYPE CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

HBSFILE	Primary	Y
HBS FILE ID		

Init. Volume: Avg. Volume: Max. Volume: Annual Growth Rate:

A code used to identify a type of frequency control to be used for the submission, summarization, and processing of scale data

DLY	daily
WKLY	weekly, on a given weekday (initialized by a profile start_date)
MNDY	monthly, on a given day of the month
MNLD	last day of month
MNTW	twice monthly, on a given day of the month (initialized by a profile start_date) and a day 15 days later

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS FREQUENCY TYPE CODE		N	VARCHAR2	4
A code used to identify a type of frequency control to be used for the submission, summarization, and processing of scale data				
DESCRIPTION		N	VARCHAR2	120
A textual description of a type of frequency control to be used for the submission, summarization, and processing of scale data				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

MAY BE defining summarization processing frequency by one or more HBS MARK HOLDER PROFILE
MAY BE defining a ratio computation frequency for one or more POPULATION PROFILE
* = *Relationships in primary unique identifier.*

FREQTYP Primary Y
HBS FREQUENCY TYPE CODE

Notes:

Entity Name: HBS MARK HOLDER PROFILE			Short Name:	MHPROF
Plural:	HBS MARK HOLDER PROFILE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

Captures client profile settings for a licensee with regard to statement processing frequency (i.e. when to create invoices and volume statements)

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* MHPROF ID		N	NUMBER	32
A unique identifier (surrogate) for a mark holder profile				
FORCED SUMMARIZATION DATE		Y	DATE	
The next date that detail scale documents from a scale site will be processed into summary documents				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE scheduling statements for one and only one CLIENT LOCATION
- MUST BE summarizing detail documents according to one and only one HBS FREQUENCY TYPE CODE
- MUST BE defined by a return type by one and only one HBS RETURN TYPE CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

LICPROF_UID	Primary	N
EFFECTIVE DATE		
LICPROF	Primary	Y
MHPROF ID		

Entity Name: HBS MESSAGE			<i>Short Name:</i> HBS_HM	
<i>Plural:</i> HBS MESSAGE				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Captures messages generated for the purposes of notifying a user of the processing of an application event.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* MESSAGE ID		N	NUMBER	
Surrogate key used to uniquely identify an instance of a message generated and sent by HBS				
CREATE DATE		N	DATE	
The date that a HBS message was created				
MESSAGE SUBJECT		N	VARCHAR2	120
Message subject text to be entered as the subject line in an email				
MESSAGE CONTENT		N	VARCHAR2	2000
Message content text				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE delivered as one or more HBS USER MESSAGE

MUST BE described by one and only one MESSAGE TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

HBS_HM	Primary	Y
MESSAGE ID		

Entity Name: HBS OBJECT TYPE CODE		<i>Short Name:</i>	HOTC1
<i>Plural:</i>	HBS OBJECT TYPE CODE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Describes HBS objects upon which action are performed (e.g. Users, Reports, Invoices, Scale Returns, etc...)

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS OBJECT TYPE CODE		N	VARCHAR2	3
A code used to identify a type of HBS object				
DESCRIPTION		N	VARCHAR2	120
Text description of a type of HBS object				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing one or more HBS AUDIT

MAY BE descrbing an object for one or more HBS SCALE RETURN AUDIT

* = Relationships in primary unique identifier.

Unique Identifiers:

HOTC1	Primary	Y
HBS OBJECT TYPE CODE		

Entity Name: HBS OUTPUT BATCH**Short Name:** HBSOUTBAT**Plural:** HBS OUTPUT BATCH**Init. Volume:** Avg. Volume:**Max. Volume:****Annual Growth Rate:****Subtype of:** HBS BATCH**Description:**

A batch of scale return data that has passed all HBS editing and has been collected to be transmitted to the HDBS for invoic processing.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
RETURN COUNT		N	NUMBER	10
A count of retuns contained in a batch				
SENT DATE TIME		Y	TIMESTAMP	
The date the batch was sent				
RECORD COUNT		N	NUMBER	10
The number of records in a batch				
<i>For EDI input batches this number will be greater than the sum of the scale return header and detail records as it includes edi specific records as well.</i>				
SENT IND		N	VARCHAR2	1
Indicates that the batch has been sent				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
RECONCILED TXN COUNT		Y	NUMBER	10
A count of transactions in a batch				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE contains documents of one and only one HBS RETURN TYPE CODE

MAY BE included in one and only one HDBS TRANSMISSION

MUST BE in a state described by one and only one OUTPUT BATCH STATUS CODE

MUST BE containing one or more SUMMARY RETURN TRANSACTION

* = Relationships in primary unique identifier.

Notes:

*** OBSOLETE ***

Although this entity and its physical table are obsolete it is still being refernced and updated by HBS code

Entity Name: HBS PAPER BATCH			<i>Short Name:</i> PAPERBAT	
<i>Plural:</i> HBS PAPER BATCH				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> HBS BATCH				

Description:

*** OBSOLETE ***

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
FROM SCALE DATE		N	DATE	
*** OBSOLETE ***				
TO SCALE DATE		N	DATE	
*** OBSOLETE ***				
DOCUMENT COUNT		N	NUMBER	5
*** OBSOLETE ***				
HDQ SENT DATE		N	DATE	
*** OBSOLETE ***				
SENDER USERID		N	VARCHAR2	30
*** OBSOLETE ***				
PAPER BATCH COMMENT		Y	VARCHAR2	255
*** OBSOLETE ***				
ORG UNIT NO		N	NUMBER	10
*** OBSOLETE ***				
UPDATE USERID		Y	VARCHAR2	30
*** OBSOLETE ***				
UPDATE TIMESTAMP		Y	TIMESTAMP	
*** OBSOLETE ***				

* = Attributes in primary unique identifier.

Notes:

*** OBSOLETE ***

Short Name: PROCESSTAT

Init. Volume: Avg. Volume: Max. Volume: Annual Growth Rate:

CUS Completed Unsatisfactorily

HBS PROCESSING STATUS CODE

Entity Name: HBS PS INVOICE		<i>Short Name:</i>	PSI
<i>Plural:</i>	HBS PS INVOICE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS PS STATEMENT		

Description:

This entity represents the generation of a formal piece scale invoice statment

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
TOTAL VALUE		N	NUMBER	15,2
The total value recorded for the summary scale statement				
* = <i>Attributes in primary unique identifier.</i>				

Entity Name: HBS PS STATEMENT		Short Name: PSSTMT	
Plural:	HBS PS STATEMENT		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	HBS TRX STATEMENT		

Description:

This entity represents the generation of a formal piece scale invoice or volume statement

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
TOTAL VOLUME		N	NUMBER	15,3
The total volume recorded for the summary scale statement				
SUMMARY DOC TYPE		N	VARCHAR2	6
Idetifies a statement for summary documents				
<i>Allowable Values of Attribute</i>				
VOLEST	Volume Estimate		VOLEST	
SFP	Special Forest Product		SFP	
SMRY	Piece Scale Summary Return		SMRY	

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MUST BE documenting one and only one PIECE SCL SMRY TXN

* = Relationships in primary unique identifier.

Subtypes:

- HBS PS INVOICE
- HBS PS VOLUME STATEMENT

Entity Name:	HBS PS VOLUME STATEMENT	Short Name:	PSV
Plural:	HBS PS VOLUME STATEMENT		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	HBS PS STATEMENT		

Description:
This entity represents the generation of a formal piece scale volume statment

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Entity Name: HBS RATIO STATEMENT		Short Name: RATIOSTMT	
Plural:	HBS RATIO STATEMENT		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	HBS TRX STATEMENT		

Description:

This entity represents the generation of a formal ratio statement

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
COMPUTATION PERIOD START		Y	DATE	
describes the start of the interval for which samples are listed on a statement				
COMPUTATION PERIOD END		Y	DATE	
describes the end of the interval for which samples are listed on a statement				
RATIO EFFECTIVE DATE		Y	DATE	
records the date upon which a ratio becomes effective				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE identified as one or more DROPOUT MARK LATEST RATIO
- MAY BE documenting one or more RATIO HISTORY
- MUST BE defined by a one and only one RATIO TYPE CODE
- MAY BE referenced by one or more SAMPLE SCL SMRY TXN
- MAY BE recorded as current on one and only one STRATUM
- MAY BE based on an approved one and only one STRATUM PLAN
- MAY BE the ratio source for one or more WEIGHT SCL SMRY TXN
- * = Relationships in primary unique identifier.

Entity Name: HBS REFRESH MBC LOG		<i>Short Name:</i>	HRML
<i>Plural:</i>	HBS REFRESH MBC LOG		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Application table recording the time and row counts for Mark Billed Cli table refresh processing

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* BEGIN TIME		N	TIMESTAMP	
A the date and time the MBC refresh process started				
END TIME		N	TIMESTAMP	
A the date and time the MBC refresh process completed				
RUN BY		N	VARCHAR2	30
The process or user that ran/initiated the MBC refresh process				
ROWCOUNT		N	NUMBER	10
The number of rows inserted into the Mark Billed Cli table as a result of the refresh				
* = Attributes in primary unique identifier.				

Unique Identifiers:

HRML	Primary	Y
BEGIN TIME		

HRC

Annual Growth Rate:

HBS REPORT CODE

Short Name: HBS_HRL

Init. Volume: Avg. Volume: Max. Volume: Annual Growth Rate:

Records information about requests for HBS reports by Ministry, Industry and public users.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* REQUEST ID		N	NUMBER	
Surrogate key used to uniquely identify an instance of a request for a HBS report				
REQUEST DATE		N	DATE	
Date a HBS was requested				
REQUEST URL		N	VARCHAR2	2000
The URL used to generate the report				
<i>Not implemented, due to Crystal Server and WEBADE issues</i>				
REPORT URL		Y	VARCHAR2	2000
The URL from where the report may be retrieved				
<i>Not implemented, due to Crystal Server and WEBADE issues</i>				
COMPLETED DATE		Y	DATE	
The date at which the report has been completed				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE recording a report request for one and only one CLIENT LOCATION
MUST BE described by one and only one HBS REPORT CODE
MUST BE described by one and only one HBS REPORT STATUS CODE
MAY BE recording report runs for one and only one HBS USER
MUST BE formatted as one and only one MIME TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

HRLT	Primary	Y
REQUEST ID		

Entity Name: HBS REPORT STATUS CODE			<i>Short Name:</i>	HRSC
<i>Plural:</i>	HBS REPORT STATUS CODE			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Describes the state of a report request (e.g. Processing, Cancelled, Completed, etc.)

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS REPORT STATUS CODE		N	VARCHAR2	3
A code used to describes the current state of a a request for a HBS report				
DESCRIPTION		N	VARCHAR2	120
A textual description of the current state of a request for a HBS report				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing the state of one or more DOCUMENT DELIVERY TRANSMISSION

MAY BE describing one or more HBS REPORT LOG

* = Relationships in primary unique identifier.

Unique Identifiers:

HRSC	Primary	Y
HBS REPORT STATUS CODE		

Entity Name: HBS REQUEST STATUS CODE**Short Name:** HREQSC**Plural:** HBS REQUEST STATUS CODE**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Describes the current state of a HBS user request (e.g. 'Received', 'Accepted', 'Rejected', 'Confirmed')

Received - new request

Accepted - HBS Account Manager has Ok'd the processing of the request

Rejected - HBS Account Manager has rejected the request

Confirmed - HBS Account Manager has posted the request details

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS REQUEST STATUS CODE		N	VARCHAR2	3
A code used to describe the current state of a request for new or updated HBS user information				
DESCRIPTION		N	VARCHAR2	120
A textual description of the current state of a request for new or updated HBS user information				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MAY BE describing one or more HBS USER REQUEST

* = Relationships in primary unique identifier.

Unique Identifiers:

HBS HREQSC Primary Y

HBS REQUEST STATUS CODE

Entity Name: HBS REQUEST TYPE CODE		<i>Short Name:</i>	HREQTC
<i>Plural:</i>	HBS REQUEST TYPE CODE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Describes the type of action be requested for a HBS user ('Insert', 'Update', 'Delete')

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS REQUEST TYPE CODE		N	VARCHAR2	3
A code used to identify a type of HBS user request (i.e. add delete update)				
DESCRIPTION		N	VARCHAR2	120
A textual description of a type of HBS user request (i.e. add delete update)				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing one or more HBS USER REQUEST

* = Relationships in primary unique identifier.

Unique Identifiers:

HBS HREQTC	Primary	Y
HBS REQUEST TYPE CODE		

Entity Name: HBS RETURN TYPE CODE			Short Name:	HRTC
Plural:	HBS RETURN TYPE CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

Describes the summary return type:
e.g.
W weight scale
P piece scale
S sample scale

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS RETURN TYPE CODE		N	VARCHAR2	1
A code used to identify a type of scale return				
DESCRIPTION		N	VARCHAR2	120
Text describing a type of scale return				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing the contents of one or more DTL DOC BATCH
MAY BE defing the return type of one or more HBS MARK HOLDER PROFILE
MAY BE describing the contents of one or more HBS OUTPUT BATCH
MAY BE defines one or more HBS SCALE RETURN
MAY BE defining the return type of one or more SCALE SITE PROFILE
* = Relationships in primary unique identifier.

Unique Identifiers:

HRTTC	Primary	Y
HBS RETURN TYPE CODE		

Entity Name: HBS SAMPLE TYPE CODE			Short Name: SMPLTYPECD		
Plural: HBS SAMPLE TYPE CODE					
Init. Volume:		Avg. Volume:		Max. Volume:	
Annual Growth Rate:					

Description:

Idendifies a type of sample taken for a weigh slip:
e.g.
N None
C Company Use
F Forced
R Random

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS SAMPLE TYPE CODE		N	VARCHAR2	1
A code used to identify the type of sample taken for a Weigh Slip				
e.g.				
N None				
C Company Use				
F Forced				
R Random				
DESCRIPTION		N	VARCHAR2	120
A text description of the code used to identify the type of sample taken for a Weigh Slip				
e.g.				
N None				
C Company Use				
F Forced				
R Random				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE defining a sample type for one or more WEIGH SLIP
* = Relationships in primary unique identifier.

Unique Identifiers:

SMPLTYPECD	Primary	Y
HBS SAMPLE TYPE CODE		

Entity Name: HBS SCALE RETURN				<i>Short Name:</i>	HBSSR
<i>Plural:</i>	HBS SCALE RETURN				
<i>Init. Volume:</i>	75000	<i>Avg. Volume:</i>	350000	<i>Max. Volume:</i>	350000
				<i>Annual Growth Rate:</i>	

Description:

Provides the identifiacion for a single instance of a summary scale return

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DOCUMENT CONTROL NUMBER		N	NUMBER	10
Uniquely identifies a scale return				
GENERATED SUMMARY IND		N	VARCHAR2	1
Indicates if a summary scale return was generated from detail scale returns				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
VOLEST BATCH ID		Y	NUMBER	32
*** OBSOLETE ***				
EDI BATCH ID		Y	NUMBER	32
*** OBSOLETE ***				
EDI DOC ID		Y	NUMBER	32
*** OBSOLETE ***				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE defined by one and only one HBS RETURN TYPE CODE

MUST BE in a state described by one and only one SCALE RETURN STATE CODE

MUST BE represented by one or more SUMMARY SCALE RETURN VERSION

* = Relationships in primary unique identifier.

Unique Identifiers:

SR	Primary	Y
DOCUMENT CONTROL NUMBER		

Entity Name: HBS SCALE RETURN AUDIT			Short Name: SCLRETAUDT
Plural:	HBS SCALE RETURN AUDIT		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Records a history of business actions performed on a specific field of a scale return or scale return segregation.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FIELD NAME		N	VARCHAR2	240
Identifies a scale return, or scale return segregation, field that has been modified				
OLD VALUE		Y	VARCHAR2	240
The value of the field prior to the modification				
NEW VALUE		Y	VARCHAR2	240
The value of the field as a result of the modification				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE auditing an action described by one and only one ACTION TYPE CODE

* MUST BE providing details of one and only one HBS AUDIT

MUST BE auditing an object described by one and only one HBS OBJECT TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

SCLRETAUDT	Primary	Y
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MUST BE providing details of one and only one HBS AUDIT

FIELD NAME

Entity Name: HBS SCALER AUTH KEY**Short Name:** SAKEHT**Plural:** HBS SCALER AUTH KEY**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Extends a scaler's Quant Licence information for the purpose of providing the HBS application with a scaler's authentication key information

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HSAK ID		N	NUMBER	32
A unique identifier (surrogate) for a scaler authorization key				
CLIENT NUMBER		N	VARCHAR2	8
Sequentially assigned number to identify a ministry client.				
<i>This column will be used as a foreign key to the SCALER attribute in which CLIENT NUMBER is a unique key but not the primary key</i>				
AUTHENTICATION KEY		N	VARCHAR2	10
A scaler's authentication key (including check digit) that will be used to generate a digital signature.				
<i>A scaler's assigned authentication key may differ from the requested authentication key if the addition of the check digit results in an objectionable word or phrase.</i>				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		Y	DATE	
The date after which the code is no longer available for use.				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MAY BE identified by one and only one HBS USER

MUST BE authenticating submissions from one and only one SCALER

* = Relationships in primary unique identifier.

Unique Identifiers:

SAKEHT Primary Y

HSAK ID

Entity Name:	HBS SFP SCALE TYPE CODE	Short Name:	SFPTYP
Plural:	HBS SFP SCALE TYPE CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Provides identifiers for the method used to scale special forest product:
L - log
C - count
K - stack

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS SFP SCALE TYPE CODE		N	VARCHAR2	1
A code used to identify a method scaling special forest products				
DESCRIPTION		N	VARCHAR2	120
A textual description of a method used to scale special forest products				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing one or more SPECIAL FOREST PRODUCT TALLY
* = Relationships in primary unique identifier.

Unique Identifiers:

SFPTYP	Primary	Y
HBS SFP SCALE TYPE CODE		

Entity Name:	HBS SMRY RETURN TRX STATEMENT	<i>Short Name:</i>	HSRTS
<i>Plural:</i>	HBS SMRY RETURN TRX STATEMENT		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS TRX STATEMENT		

Description:
Provides a level of sub-typing that groups together all statement types excluding HBS Ratio Statements

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Entity Name: HBS STATEMENT NUMBER		Short Name:	STMTNO
Plural:	HBS STATEMENT NUMBER		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

This entity will be used to store the last statement number used for each statement type.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STMT TYPE		N	VARCHAR2	10
This attribute identifies the type of statement associated with each statement number last used. Valid values are as follows: PSI PSV WSI WSV COMPSMPL RATIOSTMT				
the statement types have been taken from the short name from each statement entity and statement entity sub-types.				
Allowable Values of Attribute				
PSI	Piece Scale Invoice		PSI	
PSV	Piece Scale Volume Statement		PSV	
WSI	Weight Scale Invoice		WSI	
WSV	Weight Scale Volume Statement		WSV	
COMPSMPL	Compiled Sample Statement		COMPSMPL	
RATIOSTMT	Ratio Computation Statement		RATIOSTMT	
* STMT NUMBER PREFIX		N	VARCHAR2	1
The first character in a statement number as appropriate for the statement type. PSI Q, R, and S PSV L, M, and N WSI X, Y, and Z WSV T, U, and V COMPSMPL B, C, and D RATIOSTMT F, G, and H				
Allowable Values of Attribute				
B	First sequence for Ratio Computation Statement		B	
C	Second sequence for Ratio Computation Statement		C	
D	Third and last sequence for Ratio Computation Statement		D	
F	First sequence for Compiled Sample Statement		F	
G	Second sequence for Compiled Sample Statement		G	
H	Third and last sequence for Compiled Sample Statement		H	
L	First sequence for Piece Scale Volume Statement		L	
M	Second sequence for Piece Scale Volume Statement		M	
N	Third and last sequence for Piece Scale Volume Statement		N	
Q	First sequence for Piece Scale Invoice		Q	
R	Second sequence for Piece Scale Invoice		R	
S	Third and last sequence for Piece Scale Invoice		S	
T	First sequence for Weight Scale Volume Statement		T	

Entity Name:	HBS STATEMENT NUMBER (cont'd)	Short Name:	STMTNO
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U	Second sequence for Weight Scale Volume Statement	U
V	Third and last sequence for Weight Scale Volume Statement	V
X	First sequence for Weight Scale Invoice	X
Y	Second sequence for Weight Scale Invoice	Y
Z	Third and last sequence for Weight Scale Invoice	Z

* STMT NUMBER SUB PREFIXN VARCHAR21

The second character in a statement number as appropriate for the statement type.
Values for this attribute are 0-9, A-Z

STMT NUMBERN NUMBER5

The last numeric suffix used for a specific statement type

* = Attributes in primary unique identifier.

Unique Identifiers:

STMTNO	Primary	Y
STMT TYPE		
STMT NUMBER PREFIX		
STMT NUMBER SUB PREFIX		

Notes:

The table implemented for this entity will only ever contain 6 rows, one for each statement type

Entity Name: HBS TRANSMISSION			Short Name: HBSTRANS
Plural:	HBS TRANSMISSION		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

This entity captures information pertaining to a physical data file being transmitted from or to the HBS.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TRANSMISSION ID		N	NUMBER	32
A surrogate key uniquely identifying a transmission				
FILE NAME		N	VARCHAR2	100
The name of the physical file stored on the server that contains the transmission data				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	DATE	
The date and time on which the record was created.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

TRANS	Primary	Y
TRANSMISSION ID		

Subtypes:

- ACKNOWLEDGEMENT TRANSMISSION
- DOCUMENT DELIVERY TRANSMISSION
- DTL SCL DOC TRANSMISSION
- HBS EDI TRANSMISSION
- HDBS TRANSMISSION
- SRTS TRANSMISSIONS

Entity Name: HBS TRX STATEMENT**Short Name:** HBSTRXSTMT**Plural:** HBS TRX STATEMENT**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

This entity represents the generation of a formal HBS statement (i.e. Invoices, volume statements, compiled sample statements, and ratio statements).

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>			
* STATEMENT NUMBER		N	VARCHAR2	7			
A unique identifier generated for each statement.							
To accomodate downstream systems the statement identifier will conform to the current format supported by HDBS (i.e. 7 character alphanumeric).							
To ensure a sufficient number of unique statement identifiers, given the aforementioned constraint, the following scheme will be implemented to identify the various types of documents							
Statement type	pos 1	pos 2	pos 3	pos 4	pos 5	pos 6	pos 7
-----+-----+-----+-----+-----+-----+-----							
Piece Scale Invoices	Q, R, or S	0-9, A-Z	0-9	0-9	0-9	0-9	0-9
Weight Scale Invoices	X, Y, or Z	0-9, A-Z	0-9	0-9	0-9	0-9	0-9
Piece Scale Vol Stmt	L, M, or N	0-9, A-Z	0-9	0-9	0-9	0-9	0-9
Weight ScaleVol Stmt	T, U, or V	0-9, A-Z	0-9	0-9	0-9	0-9	0-9
Compiled Sample Stmt	B, C, or D	0-9, A-Z	0-9	0-9	0-9	0-9	0-9
Ratio Stmt	F, G, or H	0-9, A-Z	0-9	0-9	0-9	0-9	0-9
ISSUE DATE					N	DATE	
The date that the statement was generated by HBS							
ENTRY USERID					N	VARCHAR2	30
The USERID of the individual who entered the information.							
ENTRY TIMESTAMP					N	DATE	
The date and time on which the record was created.							
* = Attributes in primary unique identifier.							

Relationships:Each Occurrence Of This Entity:

MAY BE copied to one and only one CLIENT LOCATION

MUST BE sent to one and only one CLIENT LOCATION

MAY BE stored and delivered in one and only one HBS FILE

MAY BE stored in a format described by one and only one MIME TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

HBSTRXSTMT Primary Y

STATEMENT NUMBER

Notes:

Each statement is identified by a unique identifier, generated by HBS, but conforming to downstream system constraints that the identifier be a 7 character alphanumeric

Subtypes:

HBS COMPILED SAMPLE STMNT

HBS PS STATEMENT

HBS RATIO STATEMENT

HBS SMRY RETURN TRX STATEMENT

HBS WS STATEMENT

Entity Name: HBS TS VERSION			<i>Short Name:</i> HBSTSVER	
<i>Plural:</i> HBS TS VERSION				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Records transformation schema versions

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS TS VERSION ID		N	NUMBER	32
Schema transformation version id				
SCHEMA VERSION		N	VARCHAR2	80
Schema transformation schema number information				
TRANS VERSION		N	VARCHAR2	80
Schema transformation version number information				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE used to create one or more HBS FILE

* = Relationships in primary unique identifier.

Unique Identifiers:

HBSTSVER	Primary	Y
HBS TS VERSION ID		

Entity Name: HBS TXN STATUS CODE		Short Name:	HBSTSC
Plural:	HBS TXN STATUS CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Tracks the current status of a summary scale return transaction:
e.g.
EXT Scale Return Transaction created and bridged
OIV Transaction reconciled to an HDBS-generated Invoice
FAL Transaction not reconciled, HDBS invoice failed

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS TXN STATUS CODE		N	VARCHAR2	3
A code used to describe the current state of a summary scale return transaction				
DESCRIPTION		N	VARCHAR2	120
A textual description of the current state of a summary scale return transaction				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing the sate of one or more DETAIL RETURN TRANSACTION
MAY BE describing the state of one or more SUMMARY RETURN TRANSACTION
* = Relationships in primary unique identifier.

Unique Identifiers:

P2A SESC	Primary	Y
HBS TXN STATUS CODE		

Short Name: HBSTTC

Init. Volume: Avg. Volume: Max. Volume: Annual Growth Rate:

RWN Replace With No Changes

* = Attributes in primary unique identifier.

* = Relationships in primary unique identifier.

HBS TXN TYPE CODE

Entity Name: HBS USER**Short Name:** HBS_HU**Plural:** HBS USER**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Any person having been granted access to the HBS application and data

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* USER ID		N	VARCHAR2	30
A userid by a HBS user is identified to the application				
LAST NAME		N	VARCHAR2	40
A HBS user's last name				
FIRST NAME		N	VARCHAR2	40
A HBS user's first name				
MIDDLE INITIAL		N	VARCHAR2	1
A HBS user's middle initial				
<i>It is understood that not all users will have a middle initial but the information is required by the Ministry security applications and a placeholder will be supplied by the Ministry in these cases</i>				
EMAIL		N	VARCHAR2	128
The email address that a HBS user has identified as their destination for electronic HBS correspondence				
PHONE		N	VARCHAR2	10
The phone number where a HBS user can be contacted				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MAY BE working for one and only one ORG UNIT
 or MAY BE working for one and only one CLIENT LOCATION
 MAY BE a submitter of one or more DTL SCL DOC TRANSMISSION
 MAY BE recorded as authorizing one or more HBS AUDIT
 MAY BE recorded on one or more HBS AUDIT
 MAY BE recorded on one or more HBS REPORT LOG
 MAY BE is a scaler assigned one or more HBS SCALER AUTH KEY
 MAY BE included in one or more HBS USER CLI LOC DATA DOMAIN
 MAY BE assigned one or more HBS USER DIST DATA DOMAIN
 MAY BE the recipient of one or more HBS USER MESSAGE
 MAY BE the result of one or more HBS USER REQUEST
 MAY BE assigned one or more HBS USER SITE DATA DOMAIN
 MUST BE described by one and only one HBS USER STATUS CODE
 MUST BE described by one and only one HBS USER TYPE CODE
 MAY BE clear one or more SCALE ANOMALY LOG

* = Relationships in primary unique identifier.

Unique Identifiers:

HUT Primary Y

USER ID

Notes:

Subtype resolution will be resolved as a single table with a discriminator column. For greater clarity the relationship to the HBS_USER_TYPE_CODE will be used in place of the generated discriminator.

Entity Name:	HBS USER CLI LOC DATA DOMAIN	Short Name:	HUCLDD
Plural:	HBS USER CLI LOC DATA DOMAIN		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

This entity describes which users have been assigned to recieve HBS output on behalf of a ministry client, at a specific location

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identifying who can recieve documents for one and only one CLIENT LOCATION
- * MUST BE identifying a reciever of docuements for a client as one and only one HBS USER
- * = Relationships in primary unique identifier.

Unique Identifiers:

HUCLDD	Primary	Y
MUST BE identifying a reciever of docuements for a client as one and only one HBS USER		
MUST BE identifying who can recieve documents for one and only one CLIENT LOCATION		

Entity Name: HBS USER DIST DATA DOMAIN			<i>Short Name:</i> HBSUDISTDD		
<i>Plural:</i> HBS USER DIST DATA DOMAIN					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Annual Growth Rate:</i>					

Description:

This entity describes which districts a HBS ministry user can perform the billing functions granted to them, for a given HBS role.

The ministry roles constrained by this entity are:

MBA Ministry Billing Administrator

MCA Ministry Correction Approval

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identifying areas of billing responsibilities for one and only one HBS USER
 - * MUST BE include a district from one and only one ORG UNIT
- * = Relationships in primary unique identifier.

Unique Identifiers:

HUDDDT	Primary	Y
MUST BE identifying areas of billing responsibilities for one and only one HBS USER		
MUST BE include a district from one and only one ORG UNIT		

Notes:

The user/role information is captured in WEBADE and is not available to this model.

The constraints ensuring the proper user/role/district assignments will be implemented programatically in the application.

Short Name: HBS_HUM

Init. Volume: Avg. Volume:

Annual Growth Rate:

Captures the instance of a HBS_Message being sent to a user.

* = Attributes in primary unique identifier.

* = Relationships in primary unique identifier.

USER MESSAGE ID

Entity Name: HBS USER REQUEST**Short Name:** HBS_HUR**Plural:** HBS USER REQUEST**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

A request for a new HBS user access or a change to an existing HBS user's account information

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* REQUEST ID		N	NUMBER	
Surrogate key used to uniquely identify a request to add or update HBS user information				
LAST NAME		N	VARCHAR2	40
The last name of the person for whom the request is being made				
FIRST NAME		N	VARCHAR2	40
The first name of the person for whom the request is being made				
MIDDLE INITIAL		N	VARCHAR2	1
The middle initial of the person for whom the request is being made				
EMAIL		N	VARCHAR2	128
The email address of the person for whom the request is being made				
PHONE		N	VARCHAR2	10
The first name of the person for whom the request is being made				
EXISTING USERID		Y	VARCHAR2	30
The first name of the person for whom the request is being made				
REQUESTOR COMMENTS		Y	VARCHAR2	2000
A text string capturing any miscellaneous comments of the requestor				
ADMIN COMMENTS		Y	VARCHAR2	2000
A text string capturing any miscellaneous comments of the administrator				
REQUESTED DATE		N	DATE	
The date the user request was initiated				
ADD USERID		N	VARCHAR2	30
The HBS user id of the user adding the request into HBS				
ADD TIMESTAMP		N	DATE	
The date and time that the request record was added to the database				
UPDATE USERID		N	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE for an employee working for one and only one CLIENT LOCATION

or MAY BE for an employee working for one and only one ORG UNIT

MUST BE described by one and only one HBS REQUEST STATUS CODE

MUST BE described by one and only one HBS REQUEST TYPE CODE

MAY BE resulting in one and only one HBS USER

MAY BE requesting one or more HBS USER REQUEST ROLE

MUST BE described by one and only one HBS USER TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

HURT

Primary Y

Entity Name: HBS USER REQUEST (cont'd)

Short Name: HBS_HUR

REQUEST ID

Entity Name: HBS USER REQUEST ROLE			Short Name: HBS_HURR
Plural:	HBS USER REQUEST ROLE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

A HBS role requested for a user on an HBS User Request

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* APPLICATION ACRONYM		N	VARCHAR2	30
The acronym of the application the user is requestung access to				
* ROLE NAME		N	VARCHAR2	50
The data access role that the user is requesting				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE requested by one and only one HBS USER REQUEST
- * = Relationships in primary unique identifier.

Unique Identifiers:

HURRT	Primary	Y
MUST BE requested by one and only one HBS USER REQUEST		
APPLICATION ACRONYM		
ROLE NAME		

Entity Name: HBS USER SITE DATA DOMAIN			Short Name: HBSSITEDD		
Plural: HBS USER SITE DATA DOMAIN					
Init. Volume:		Avg. Volume:		Max. Volume:	
Annual Growth Rate:					

Description:

This entity describes which sites a HBS client or ministry user can perform the billing functions granted to them, for a given HBS role.

The ministry roles constrained by this entity are:
MSA Ministry Scaling Administrator
CPA Client Profile Administrator

The client roles constrained by this entity are:
ISA Industry Scaling Administrator

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identifying areas of scaling responsibilities for one and only one HBS USER
 - * MUST BE identifying one and only one SCALE SITE
- * = Relationships in primary unique identifier.

Unique Identifiers:

HUSDDT	Primary	Y
MUST BE identifying one and only one SCALE SITE		
MUST BE identifying areas of scaling responsibilities for one and only one HBS USER		

Notes:

The user/role information is captured in WEBADE and is not available to this model.
The constraints ensuring the proper user/role/site assignments will be implemented programatically in the application.

Entity Name: HBS USER STATUS CODE		Short Name:	HUSC
Plural:	HBS USER STATUS CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Indicates if an HBS user is Active or Inactive

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS USER STATUS CODE		N	VARCHAR2	3
A code used to identify a user's status within the HBS application				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to identify a users status within the HBS application				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing one or more HBS USER

* = Relationships in primary unique identifier.

Unique Identifiers:

HBS HUSC	Primary	Y
HBS USER STATUS CODE		

Short Name: HUTC

Init. Volume: Avg. Volume:

Max. Volume:

Annual Growth Rate:

Attributes:

* HBS USER TYPE CODE

N VARCHAR2

3

DESCRIPTION

N VARCHAR2

120

EFFECTIVE DATE

N DATE

EXPIRY DATE

N DATE

UPDATE TIMESTAMP

N DATE

* = Attributes in primary unique identifier.

Each Occurrence Of This Entity:

MAY BE describing one or more HBS USER REQUEST

* = Relationships in primary unique identifier.

HBS HUTC

Primary Y

HBS USER TYPE CODE

Entity Name: HBS WS INVOICE		<i>Short Name:</i>	WSI
<i>Plural:</i>	HBS WS INVOICE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS WS STATEMENT		

Description:

This entity represents the generation of a formal wieght scale invoice statment

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
TOTAL VALUE		N	NUMBER	15,2
The total value recorded for the summary scale statement				
* = <i>Attributes in primary unique identifier.</i>				

Entity Name: HBS WS STATEMENT		Short Name:	WSSTMT
Plural:	HBS WS STATEMENT		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	HBS TRX STATEMENT		

Description:

This entity represents the generation of formal weight scale invoices and volume statments

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
TOTAL VOLUME		N	NUMBER	15,3
The total volume recorded for the summary scale statement				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE documenting one and only one WEIGHT SCL SMRY TXN

* = Relationships in primary unique identifier.

Subtypes:

- HBS WS INVOICE
- HBS WS VOLUME STATEMENT

Entity Name:	HBS WS VOLUME STATEMENT	<i>Short Name:</i>	WSV
<i>Plural:</i>	HBS WS VOLUME STATEMENT		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS WS STATEMENT		

Description:

This entity represents the generation of a formal weight scale volume statment

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Entity Name: HBS XML PURGE STATUS CODE		Short Name:	HXPSC
Plural:	HBS XML PURGE STATUS CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

A status code used to describe the disposition of the physical file submitted to HBS.
These files are moved or purged from the file server directory structure for performance considerations

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS XML PURGE STATUS CODE		N	VARCHAR2	3
A code used to identify the disposition (status) of a file recieved by HBS, which is to be purged after a prescribed time period.				
e.g. NOD - No Directory NOF - No File NOU - No Org Unit PRG - Purged				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to describe the disposition (status) of a file recieved by HBS, which is to be purged after a prescribed time period.				
EFFECTIVE DATE		N	DATE	
The date at which a code becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a code expires and is no longer effective or available for use				
UPDATE TIMESTAMP		N	TIMESTAMP	
The date and time of the last update to a code (includes the insert date)				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing the purge status of one or more DTL SCL DOC TRANSMISSION
* = Relationships in primary unique identifier.

Unique Identifiers:

HXPSC	Primary	Y
HBS XML PURGE STATUS CODE		

Entity Name: HBS XML TRANS STEP CODE			<i>Short Name:</i> HBS_XML_TR		
<i>Plural:</i> HBS XML TRANS STEP CODE					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Annual Growth Rate:</i>					

Description:

Identifies the current processing step an XML transmission:
e.g.
UNP Unpack (Read XML File and Create Scale Return Records)
HBE HBS Edits (Validate Scale Returns)

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HBS XML TRANS STEP CODE		N	VARCHAR2	3
A code used to describe the current processing step of a XML Transmission				
DESCRIPTION		N	VARCHAR2	120
A text description of the code used to identify the current processing step of a XML Transmission				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing the step processed for one or more DTL SCL DOC TRANSMISSION
* = Relationships in primary unique identifier.

Unique Identifiers:

DTLBATSTAT	Primary	Y
HBS XML TRANS STEP CODE		

Entity Name: HDBS TRANSMISSION		Short Name:	HDBSTR
Plural:	HDBS TRANSMISSION		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	HBS TRANSMISSION		

Description:

A sub-type of the HBS Outgoing Transmission entity...
This entity captures information pertaining to a physical data file containing HDBS style scale returns that is to be transmitted to the HDBS.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
FAILURE REASON		Y	VARCHAR2	240
A text description of the cause for a transmission failure				
FILE DATETIME		N	TIMESTAMP	
The date and time the file was created				
BATCH COUNT		N	NUMBER	10
a count of batches to be sent in a transmission				
RECORD COUNT		N	NUMBER	10
a count of records to be sent in a transmissino				
HDBS RETURN COUNT		N	NUMBER	10
The number of summary scale returns being transmitted to the HDBS in the transmission				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE including one and only one HBS OUTPUT BATCH
MUST BE processed to a state decribed by one and only one HBS PROCESSING STATUS CODE
* = Relationships in primary unique identifier.

Notes:

*** OBSOLETE ***

Entity Name:	INTERIOR SCALE GRADE CODE			Short Name:	ISGC
Plural:	INTERIOR SCALE GRADE CODE				
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:		

Description:

A subset of Scale Grade Code used to describe the grades that are only valid for interior scale log grades.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INTERIOR SCALE GRADE CODE		N	VARCHAR2	1
A code used identify a scale grade used in interior areas				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used identify a scale grade used in interior areas				
EFFECTIVE DATE		N	DATE	
The date at which a code becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a code expires and is no longer effective or available for us				
UPDATE TIMESTAMP		N	DATE	
The date and time of the last update to a code (includes the insert date)				
* = Attributes in primary unique identifier.				

Unique Identifiers:

ISGC_PK	Primary	Y
INTERIOR SCALE GRADE CODE		

Notes:

Although the entity represents a subset of the Scale Grade Code entity it has been modelled as a seperate entity for ease of transformation. The implementation and data for this entity is static and will be maintained manually.

Entity Name: INVC NOTATION			Short Name:	IN
Plural:	INVC NOTATION			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

This table contains user and system generated notations related to the calculations and processes that were used to generate the invoice.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INVOICE NUMBER		N	VARCHAR2	7
The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.				
* CANCELLATION IND		N	VARCHAR2	1
This attribute is used to identify invoices that are cancelling an invoice with the same Invoice_Number. It is set to "Y" only for a Piece Scale R2 transaction (Cancel and Replace). All other billing transactions are defaulted to "N".				
* NOTATION NUMBER		N	NUMBER	5
This column is a sequentially assigned number that is used to identify the occurrence of a notation on an invoice.				

* = Attributes in primary unique identifier.

Unique Identifiers:

IN	Primary	Y
NOTATION NUMBER		
INVOICE NUMBER		
CANCELLATION IND		

Entity Name: INVC OTHR CHARG		Short Name:	IOC
Plural:	INVC OTHR CHARG		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

This table contains information such as scaling fees, expenses, and time and charges that relate to an invoice.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INVOICE NUMBER		N	VARCHAR2	7
The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.				
* CANCELLATION IND		N	VARCHAR2	1
This attribute is used to identify invoices that are cancelling an invoice with the same Invoice_Number. It is set to "Y" only for a Piece Scale R2 transaction (Cancel and Replace). All other billing transactions are defaulted to "N".				
* INV OTHR SEG NUM		N	NUMBER	5
a sequential number for each additional charge				
* = Attributes in primary unique identifier.				

Unique Identifiers:

IOC	Primary	Y
INV OTHR SEG NUM		
INVOICE NUMBER		
CANCELLATION IND		

Entity Name: LICENCE TO CUT		<i>Short Name:</i>	LTC
<i>Plural:</i>	LICENCE TO CUT		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

The Licence to Cut data group more finely details the reason for harvesting under a Licence to Cut tenure which is not a quota or area based tenure but a purpose based tenure. This grants permission to cut wood to clear an area of crown land.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FOREST FILE ID		N	VARCHAR2	10
File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

LTC	<i>Primary</i>	Y
FOREST FILE ID		

Entity Name: LOAD DESC SLIP REGISTRY			Short Name:	LDSREG
Plural:	LOAD DESC SLIP REGISTRY			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

This entity tracks mandatory load description slip number ranges assigned to selected cut blocks for a timber mark.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LDSREG ID		N	NUMBER	10
A unique identifier (surrogate) for a load description slip registry entry				
CUT BLOCK ID		N	VARCHAR2	10
Identifies a specific cut block within a timber mark that a load description slip is registered to				
START NUMBER		N	NUMBER	10
The begining 'LDS' number for the set of load description slips assigned to a cut block				
END NUMBER		N	NUMBER	10
The last 'LDS' number for the set of load description slips assigned to a cut block				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	DATE	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE assigned to one and only one TIMBER MARK

* = Relationships in primary unique identifier.

Unique Identifiers:

LDSREG	Primary	Y
LDSREG ID		

Notes:

It was not possible to establish a relationship between the Ministry cut block entity because cut blocks have not been standardized and some clients use their own cut block identifier when submittling scale.

Entity Name: LOG DEFECT			Short Name: LOGDEFECT	
Plural: LOG DEFECT				
Init. Volume:		Avg. Volume:		Max. Volume:
Annual Growth Rate:				

Description:

Captures information describing a defect deduction for a log.

<i>Attributes:</i>			
<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* LOG DEFECT ID		N NUMBER	32
A unique identifier (surrogate) for a log defect entry			
DEFECT NUMBER		N NUMBER	1
A sequential number identifying a defect deduction for a log			
DEFECT TYPE		N VARCHAR2	2
A code identifying the type of defect being deducted for a log.			
<i>There is no code list for this code as there are currently no standards for defect codes in the scaling manual. (e.g. for the defect code for 'butt rot' one scale may use the 'B' and another may use 'BR')</i>			
VOLUME		N NUMBER	6,3
A calculated volume for a defect deduction on a log.			
<i>The method of calculating the defect deduction volume is described by the defect descriptor (i.e. formatted defect measurement description)</i>			
DESCRIPTOR		N VARCHAR2	40
A formatted defect measurement description.			
ENTRY USERID		N VARCHAR2	30
The USERID of the individual who entered the information.			
ENTRY TIMESTAMP		N TIMESTAMP	
The date and time on which the record was created.			
UPDATE USERID		Y VARCHAR2	30
The USERID of the individual who last updated the information.			
UPDATE TIMESTAMP		Y TIMESTAMP	
The date and time the record was last modified.			
* = Attributes in primary unique identifier.			

Unique Identifiers:

LOGDED	Primary	Y
LOG DEFECT ID		

Subtypes:

LOG TALLY DETAIL DEFECT

SAMPLE TALLY DETAIL DEFECT

Entity Name: LOG DETAIL			Short Name:	LOGDTL
Plural:	LOG DETAIL			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

Captures iformation common to all types of detail log data

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LOGDTL ID		N	NUMBER	32
Surrogate key used to uniquely identify a record of information pertaining to a scaled log				
DTLSEG ID		Y	NUMBER	32
Obsolete column				
LOG NUMBER		N	NUMBER	4
A sequential identifier for each log on a log tally.				
LENGTH		N	NUMBER	3,1
The length of a log in decimeters.				
TOP		N	NUMBER	3
The diameter of the top of the log measured in rads				
BUTT		N	NUMBER	3
The diameter of the butt (i.e. bottom) of the log measured in rads				
NET VOLUME		N	NUMBER	6,3
The generated net volume of the log (i.e. net of deductions for defects) in cubic meters.				
<i>The calculation used to generate this value uses Smalians Formula:</i>				
<i>= ((top * top) + (butt * butt) * length * F) - (total net volume of all defects for the log)</i>				
<i>(where F = Smalian's constant [0.0001570796])</i>				
NMV IND		N	VARCHAR2	1
A flag indicating that there was no Timber Mark visibly stamped on the log.				
DEDUCTION COUNT		N	NUMBER	1
The number of deductions/defects attributed to a log				
INPUT SPECIES		Y	VARCHAR2	2
A species identifier supplied for a detail scale document segregation.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "species" component of the relationship to the Species Product Grade Xref entity.</i>				
INPUT GRADE		Y	VARCHAR2	1
A grade identifier supplied for a detail scale document segregation.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "grade" component of the relationship to the Species Product Grade Xref entity.</i>				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE validated as a segregation by one and only one SPECIES PRODUCT GRADE XREF

Entity Name:	LOG DETAIL (cont'd)	<i>Short Name:</i>	LOGDTL
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* = Relationships in primary unique identifier.

Unique Identifiers:

LOGDTL	Primary	Y
LOGDTL ID		

Subtypes:

- LOG TALLY DETAIL
- SAMPLE TALLY DETAIL

Entity Name: LOG TALLY**Short Name:** LOG TALLY**Plural:** LOG TALLY**Init. Volume:** Avg. Volume:**Max. Volume:****Annual Growth Rate:****Subtype of:** LOG TYPE TALLY**Description:**

Information describing the scaling of a single parcel of logs.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
LOG COUNT		N	NUMBER	4
The number of logs scaled on the piece scale log tally detail scale document				
CUT BLOCK ID		Y	VARCHAR2	10
Identifies the cut block where the timber scaled on a detail scale return was harvested.				
<i>This data item cannot be validated with RI at this time as there is no standard set Cut blocks currently in use by both Industry and the Ministry</i>				
RED TAG WEIGH SLIP		Y	VARCHAR2	10
The weigh slip number of the load of timber that was 'un-stratifiable' and therefore red tagged for piece scaling				
FIELD SCALE IND		Y	VARCHAR2	1
Flags the scale return as having been previously billed on a field scale.				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
PARCEL COUNT		Y	NUMBER	1
A sequential count of parcels within a parcel identifier (i.e. 1 of x, 2 of x, etc...)				
PARCEL IDENTIFIER		Y	NUMBER	1
The number of parcels that a single load of logs was divided into.				
<i>The parcels can be associated by load arrival number</i>				
BEACHCOMB IND		Y	VARCHAR2	1
An indicator identifying a log tally as being scaled for a beachcomb salvage operation.				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
INPUT CUTBLOCK ID		Y	VARCHAR2	10
An input text string used to identify the cut block where the timber scaled on a detail scale return was harvested. If valid it will be moved to the cut block id with RI				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "cut block id" relationship</i>				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE a check scale referencing one and only one LOG TALLY

MAY BE the original document being check scale one and only one LOG TALLY

MAY BE recording one or more LOG TALLY DETAIL

MAY BE in error as described by one or more LOG TALLY ERROR

MAY BE processed as one or more LOG TALLY TXN

MAY BE identified as anomalous by one or more SCALE ANOMALY LOG

* = Relationships in primary unique identifier.

Entity Name: LOG TALLY DETAIL			Short Name: LOGTLYDTL
Plural:	LOG TALLY DETAIL		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	LOG DETAIL		

Description:

A subtype of Log

Information pertaining to the scaling of a specific log for a pieces scale log tally.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
INPUT BCOMB TIMBER MARK		Y	VARCHAR2	6
An input text string capturing all or partial timber mark that was visible on a salvaged log and coded on the scale return by the scaler.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

MUST BE recorded for one and only one LOG TALLY

MAY BE affected by one or more LOG TALLY DETAIL DEFECT

MAY BE in error as described by one or more LOG TALLY DETAIL ERROR

MAY BE identifying a beachcombed log as originating from one and only one TIMBER MARK

* = *Relationships in primary unique identifier.*

Entity Name: LOG TALLY DETAIL DEFECT			<i>Short Name:</i> LTDDEFECT		
<i>Plural:</i> LOG TALLY DETAIL DEFECT					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
				<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> LOG DEFECT					

Description:
Records defect information associated with a specific log recorded on a log tally scale document

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MUST BE applied to one and only one LOG TALLY DETAIL
* = Relationships in primary unique identifier.

Entity Name:	LOG TALLY DETAIL DEFECT ERROR	Short Name:	LTDEFERR
Plural:	LOG TALLY DETAIL DEFECT ERROR		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	HBS EDIT ERROR		

Description:
*** OBSOLETE ***

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:
*** OBSOLETE ***

Entity Name: LOG TALLY DETAIL ERROR			<i>Short Name:</i> LTDTLERR	
<i>Plural:</i> LOG TALLY DETAIL ERROR				
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>
				<i>Annual Growth Rate:</i>
<i>Subtype of:</i> HBS EDIT ERROR				

Description:
Records errors encountered during edit events for specific log associated with a detail peice scale log tally scale document

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MUST BE describing an error for one and only one LOG TALLY DETAIL
* = Relationships in primary unique identifier.

Entity Name:	LOG TALLY DTL SEGREGATION			<i>Short Name:</i>	LTDTLSEG
<i>Plural:</i>	LOG TALLY DTL SEGREGATION				
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	DETAIL TALLY SEGREGATION				

Description:

Summarizes the log tally detail log information into their segregations for a piece scale log tally scale document version

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Entity Name: LOG TALLY ERROR			<i>Short Name:</i> LOGTLYERR	
<i>Plural:</i> LOG TALLY ERROR				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> HBS EDIT ERROR				

Description:
Records errors encountered during edit events for detail peice scale log tally scale documents

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MUST BE describing an error for one and only one LOG TALLY
* = Relationships in primary unique identifier.

Entity Name: LOG TALLY TXN			<i>Short Name:</i> LOGTLYTXN		
<i>Plural:</i> LOG TALLY TXN					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Subtype of:</i> DETAIL RETURN BILLABLE TXN				<i>Annual Growth Rate:</i>	

Description:

A subtype of Detail Scale Document Version Txn...

A record of processing a transaction applied against a peice scaled detail scale document version.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE a transaction against one and only one LOG TALLY

MAY BE cancelled by one and only one LOG TALLY TXN

MAY BE cancelling one and only one LOG TALLY TXN

MAY BE segregated by one or more LOG TALLY TXN SEG

MUST BE summarized to generate one and only one PIECE SCALE SUMMARY

* = Relationships in primary unique identifier.

Entity Name: LOG TALLY TXN SEG			Short Name: LTTXNSEG
Plural:	LOG TALLY TXN SEG		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	DETAIL RETURN TXN SEGREGATION		

Description:
A summarization of the volume for all logs of the same segregation for a detail scale return document version transaction.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
DTLSEG ID		Y	NUMBER	32
Obsolete attribute - formerly a foreign key to an unused entity				
<i>Obsolete</i>				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MUST BE listing segregations for one and only one LOG TALLY TXN
MUST BE summarized as one and only one PIECE SCL SEGREGATION
MAY BE prorated as a portion of one and only one PIECE SCL TXN SEGREGATION
* = Relationships in primary unique identifier.

Entity Name: LOG TYPE TALLY			<i>Short Name:</i> LT	
<i>Plural:</i> LOG TYPE TALLY				
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>
<i>Subtype of:</i> PIECE SCALED TALLY		<i>Annual Growth Rate:</i>		

Description:

A sub type to distinguish log based scale (i.e. sample and piece scale) from segregation based scale (i.e. special forest product scale)

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
INPUT ORIG REDTAG SCL SITE		Y	VARCHAR2	4
A scale site identifier for the scale site at which a red tag load was originally weighed and was determined to be 'un-stratifiable'				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the scale site foreign key</i>				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE originally scaled at one and only one SCALE SITE

* = Relationships in primary unique identifier.

Subtypes:

LOG TALLY

SAMPLE LOG TALLY

Entity Name: MARK BILLED CLI**Short Name:**

MBC

Plural: MARK BILLED CLI**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

This table provides an efficient query link for client data relating to a timber mark

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
TIMBER MARK		N VARCHAR2	6
Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.			
FOREST FILE ID		N VARCHAR2	10
File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.			
CUTTING PERMIT ID		Y VARCHAR2	3
Identifier for a cutting permit associated with a quota type harvesting tenure.			
FILE TYPE CODE		N VARCHAR2	3
The FTAS code to indicate the type of file, and often synonymous with a tenure or a project.			
FOREST REGION		N NUMBER	10
The region responsible for administering a timber mark			
FOREST DISTRICT		N NUMBER	10
A forest district responsible for administering a timber mark			
GEOGRAPHIC DISTRCT		N NUMBER	10
The geograpic district in which the timber mark physically resides			
CLIENT NUMBER		N VARCHAR2	8
Sequentially assigned number to identify a ministry client.			
CLIENT LOCN CODE		N VARCHAR2	2
A code to uniquely identify, within each client, the addresses of different divisions or locations at which the client operates. The location code is sequentially assigned starting with '00' for the client's permanent address.			
MGMT UNIT TYPE		Y VARCHAR2	1
The type of Management Unit determines the applicable administrative policies for the forest land.			
MGMT UNIT ID		Y VARCHAR2	4
The administrative management unit identifier defined by the ministry for managing the forest tenure, eg. 41 - Dawson Creek TSA.			

* = Attributes in primary unique identifier.

Unique Identifiers:

MBC *Primary* *N*

TIMBER MARK

MBC_2 *Primary* *N*

FOREST FILE ID

CUTTING PERMIT ID

Entity Name: MESSAGE STATUS CODE			<i>Short Name:</i>	MSC
<i>Plural:</i>	MESSAGE STATUS CODE			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Describes the state of a message (e.g. 'Sent', 'Pending', 'Superceded')

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* MESSAGE STATUS CODE		N	VARCHAR2	3
A code used to identify the state of a message that has been sent to a HBS user				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to identify the state of a message sent to a HBS user				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing the state of one or more HBS USER MESSAGE

* = Relationships in primary unique identifier.

Unique Identifiers:

HBS MSC	Primary	Y
MESSAGE STATUS CODE		

Short Name: MSGTC

Init. Volume: Avg. Volume:

Max. Volume:

Annual Growth Rate:

Attributes:

* MESSAGE TYPE CODE

N VARCHAR2

3

DESCRIPTION

N VARCHAR2

120

EFFECTIVE DATE

N DATE

EXPIRY DATE

N DATE

UPDATE TIMESTAMP

N DATE

* = Attributes in primary unique identifier.

Each Occurrence Of This Entity:

* = Relationships in primary unique identifier.

HBS MSGTC

Primary Y

MESSAGE TYPE CODE

Entity Name: MIME TYPE CODE			<i>Short Name:</i>	MTC
<i>Plural:</i>	MIME TYPE CODE			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

The types of formats that can be used to create a report or data file

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* MIME TYPE CODE		N	VARCHAR2	3
A code used to identify a type of format used to create a HBS report or data file				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to identify a type of format used to create a HBS report or data file				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE defining the file type for one or more HBS FILE

MAY BE describing the format of one or more HBS REPORT LOG

MAY BE describing the format of one or more HBS TRX STATEMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

HBS MTC	Primary	Y
MIME TYPE CODE		

Entity Name: NEGATIVE ACK ERROR		<i>Short Name:</i>	NAERR
<i>Plural:</i>	NEGATIVE ACK ERROR		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS EDIT ERROR		

Description:

A subtype of HBS Edit Error...
Records errors encountered during EDI edit events.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Subtypes:

- PIECE SCL NACK ERROR
- SAMPLE SCL NACK ERROR
- WEIGHT SCL NACK ERROR

Entity Name: NOTATION TYPE CODE

Short Name:

NTC

Plural: NOTATION TYPE CODE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A code that identifies the type of notation that may appear on an invoice. It is required to provide selection values for reporting.

COR This invoice corrects rates on invoice aa99999

CRU Volume determined on the basis of a cruise

EXP Export fee in lieu of manufacture charged on logs exported under permit numbe

FIN This invoice bills for volume and value using final ratios

I01 This is an interim billing and the amount is due and payable

I02 Billing will be revised upon submission of Scale Return

MRG This invoice uses new ratios resulting from amalgamation

M1 This invoice exactly cancels invoice aa99999

M2 This invoice corrects rates on invoice aa99999

NIL This invoice bills for volume and value using latest ratios

NOT (manual notation entry)

NVL Invoice issued prior to 1992 is not valid legally.

REP This invoice replaces invoice number aa99999

R1 This invoice cancels invoice aa99999

R2 This invoice cancels and replaces invoice aa99999

STK Stock log boom scaled previously for stumpage and or royalty

TRS Trespass billing

TTM Timber mark @@@@ truncated to @@@@

WST Billing of residue and waste survey

W01 Residue and waste billing - volume billed for cut control stumpage or royalty

W02 Residue and waste billing - volume billed for stumpage or royalty only @@@@

W03 Invoice for cut control only. volume for cut control @@@@ informational o

W04 These volumes are reported for information only

CB4 Cruise based mark volume (rate='sb4-c') have been set sb4

ADJ This invoice adjusts invoice number aa9999

A01 Both invoices are now payable

A02 Applicable x and y grade volumes billed at \$0.10/m3

A03 Applicable x and y grade volumes billed at \$0.25/m3

A04 Applicable x and y grade volumes billed at \$0.50/m3

A05 This invoice uses rates effective on date @@@@

A06 All charges on this invoice are gst exempt

A07 Rates shown are not used in dollar value calculations

BC1 Vancouver marine

log salvage - inside log salvage district

BC2 Vancouver marine log salvage - outside log salvage district

BC3 Prince Rupert log salvage

CAN This invoice cancels invoice number aa9999

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* NOTATION TYPE CODE		N CHAR	3
A code used to identify a type notation that may be appended to a summary scale return			
DESCRIPTION		N VARCHAR2	120
A textual description of a code used to identify a type notation that may be appended to a summary scale return			
EFFECTIVE DATE		N DATE	
The date the code becomes effective.			
EXPIRY DATE		N DATE	
The date after which the code is no longer available for use.			
UPDATE TIMESTAMP		N DATE	
The date and time the record was last modified.			

Entity Name:	NOTATION TYPE CODE (cont'd)	<i>Short Name:</i>	NTC
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* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE defining one or more SUMMARY RETURN NOTATION

* = Relationships in primary unique identifier.

Unique Identifiers:

P2A NTC	Primary	Y
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NOTATION TYPE CODE

Notes:

Existing code table item

Entity Name: OLD MULTIMARK		Short Name: ARCHMARK	
Plural:	OLD MULTIMARK		
Init. Volume:	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
Subtype of:	PIECE SCL SEGREGATION		

Description:

A sub-type of Piece Scl Segregation entity for capturing segregation details of scale returns that referenece multiple marks

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ARCHIVE TIMBER MARK		Y	VARCHAR2	6

A timber mark that was coded on the scale return by the scaler to indicate that a segregation was from multiple marks

*** *not used* ***

* = *Attributes in primary unique identifier.*

Notes:

This entity is required to handle data conversion of non-beachcomb scale returns that have been processed with multiple marks.

Entity Name: ORG UNIT		Short Name: ORG UNIT
<i>Plural:</i> ORG UNIT		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>
		<i>Annual Growth Rate:</i>

Description:

Records codes for ministry Organizational Units (offices),such as Branch, Region, or District office. Codes arecurrently defined to the office, section/program, andsubsection level.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ORG_UNIT_NO		N	NUMBER	10
Unique physical identifier for the storage of organizational unitcodes for the Ministry of Forests' offices. Values stored here are forthe computer's use only, and are not to be used by people as "ministry codes".				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

MAY BE a district assigning one or more HBS DISTRICT DEFAULT RATE

MAY BE employing one or more HBS USER

MAY BE identifying areas of billing responsibilities for one or more HBS USER DIST DATA DOMAIN

MAY BE requesting for an employee one or more HBS USER REQUEST

MAY BE administering one or more POPULATION

MAY BE administering one or more SAMPLE PLAN

* = *Relationships in primary unique identifier.*

Unique Identifiers:

OU1	<i>Primary</i>	<i>Y</i>
ORG_UNIT_NO		

Entity Name: OTHER DESCRIPTION TYPE CODE			<i>Short Name:</i>	ODTC
<i>Plural:</i> OTHER DESCRIPTION TYPE CODE				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Provides identifiers for segregations for other descriptions for timber, such as B/S for boomsticks, or a special forest product code that are not provided by the product:

e.g.

- B/S Boomstick
- CHU Chunks
- DEA Deadhead
- S/W Swifters
- SLA Slabs
- SLI Slivers
- SUB Submergd
- SUN Sunken

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* OTHER DESCRIPTION TYPE CODE		N	VARCHAR2	3
A code used to describes other descriptions for timber in addition to those descriptions provided by the species product and grade descriptions				
DESCRIPTION		N	VARCHAR2	120
A textual description of the code used to describes other descriptions for timber in addition to those descriptions provided by the species product and grade descriptions				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE defining one or more PIECE SCL SEGREGATION

* = Relationships in primary unique identifier.

Unique Identifiers:

P2A ODTC	Primary	Y
OTHER DESCRIPTION TYPE CODE		

Notes:

Existing code table item

Entity Name: OUTPUT BATCH STATUS CODE		<i>Short Name:</i>	OBSC
<i>Plural:</i>	OUTPUT BATCH STATUS CODE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

The current state of an output batch:
e.g.
CRT Created - Batch has been created.
RTS Ready to Send - Batch is ready to transfer to HDBS.
SNT Sent - Batch has been sent to HDBS
PND Pending - At least one scale return on the batch successfully processed by HDBS.
COM Complete - All scale returns reconciled or failed reconciled.
HLD Held - Time limit for batch to reconcile has expired.
FAL Failed - No scale returns on the batch successfully processed by HDBS

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* OUTPUT BATCH STATUS CODE		N	VARCHAR2	3
A code used to describe the current state of an output batch that has been prepared for transmission to the HDBS				
DESCRIPTION		N	VARCHAR2	120
A textual description of the current state of an output batch that has been prepared for transmission to the HDBS				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing the state of one or more HBS OUTPUT BATCH
* = Relationships in primary unique identifier.

Unique Identifiers:

P2A OBSC	Primary	Y
OUTPUT BATCH STATUS CODE		

Notes:

*** OBSOLETE ***

Entity Name: OVERRIDE RATE			<i>Short Name:</i> OVRRD_RATE		
<i>Plural:</i> OVERRIDE RATE					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Annual Growth Rate:</i>					

Description:

Captures override rates at a segregation level for an override rate rule

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* OVERRIDE RATE ID		N	NUMBER	32
Surrogate key used to identify each instance of an override rate				
OVERRIDE RATE		N	NUMBER	6,2
A rate used to override the rate that would normally be provided by rating logic				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

MAY BE providing one or more BILLABLE TXN SEGREGATION

MUST BE a component of one and only one OVERRIDE RATE RULE

MAY BE defined by one and only one SCALE GRADE CODE

MUST BE defined by one and only one SCALE PRODUCT CODE

MAY BE defined by one and only one SCALE SPECIES CODE

* = *Relationships in primary unique identifier.*

Unique Identifiers:

P2A ROT	<i>Primary</i>	Y
OVERRIDE RATE ID		

Notes:

Used to 'prerate' scale returns

Entity Name: OVERRIDE RATE RULE		<i>Short Name:</i>	ORR
<i>Plural:</i>	OVERRIDE RATE RULE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	OVERRIDE RATING RULE		

Description:

A subtype of the Override Rating Rule entity...
Identifies a rule as a rate rule and establishes the default species and grade for all non explicit species/grade rates.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE providing one or more OVERRIDE RATE
* = Relationships in primary unique identifier.

Entity Name: OVERRIDE RATING RULE

Short Name: OVRRDRTRL

Plural: OVERRIDE RATING RULE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

Provides the terms by which rates for a mark are to be overridden.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* OVERRIDE RATING RULE ID		N	NUMBER	32
Surrogate key used to uniquely identify each instance of an rate override rule				
PROCESSING EFFECTIVE DATE		N	DATE	
The date from which the rate override rule is to be in effect for scale returns that match the scale date range criteria.				
(i.e. the rule will be applied from the processing effective date to the processing expiry date for scale returns whose scale date falls within the rules scale effective and expiry date range)				
PROCESSING EXPIRY DATE		N	DATE	
The date at which the rate override rule expires for scale returns that match the scale date range criteria.				
(i.e. the rule will be applied from the processing effective date to the processing expiry date for scale returns whose scale date falls within the rules scale effective and expiry date range)				
SCALE EFFECTIVE DATE		N	DATE	
The start of the date range for which the scale date on a scale return will be compared to determine if the rule should be applied (if and only if the processing date falls with in the processing effective and expiry date range)				
SCALE EXPIRY DATE		N	DATE	
The end of the date range for which the scale date on a scale return will be compared to determine if the rule should be applied (if and only if the processing date falls with in the processing effective and expiry date range)				
COMMENT		Y	VARCHAR2	240
Captures a reason for the application of a rate override rule				
FIELD SCALE DECK ID		Y	VARCHAR2	1
Identifies a deck of timber (i.e. pile of logs) being field scaled				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE providing an overriding date of scale for one or more BILLABLE SUMMARY TXN

MUST BE defined by one and only one OVERRIDE RULE CATEGORY CODE

MUST BE in a state described by one and only one OVERRIDE RULE STATUS CODE

MUST BE defined by one and only one TIMBER MARK

* = Relationships in primary unique identifier.

Entity Name: OVERRIDE RATING RULE (cont'd)

Short Name: OVRRDRTRL

Unique Identifiers:

RORT	Primary	Y
OVERRIDE RATING RULE ID		

Notes:

Each override rule may be updated until applied (i.e. a foreign key exists on either a scale return extension or segregation extension).

Once a rule has been applied only the Processing Expiry Date may be updated,
At this point the Processing Expiry date may be extended or may be shortened, but only as far back as last date processed.

Override rates may not be added if an Override Rate Date has been specified.

An Override Rate Date may not be specified if Override rates have been specified

Subtypes:

- OVERRIDE RATE RULE
- RATEDATE RULE

Entity Name: OVERRIDE RULE CATEGORY CODE			<i>Short Name:</i> OVRRDCATCD		
<i>Plural:</i> OVERRIDE RULE CATEGORY CODE					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Annual Growth Rate:</i>					

Description:

Identifies the category of returns that an override rating rule applies to:

e.g.

BC Beachcomb

PA Primary

WA Waste

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* OVERRIDE RULE CATEGORY CODE		N	VARCHAR2	2
A code used to identify a production type (i.e. waste, normal, beachcomb)				
DESCRIPTION		N	VARCHAR2	120
A textual description of a production type (i.e. primary, waste, beachcomb)				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE defining one or more OVERRIDE RATING RULE

* = Relationships in primary unique identifier.

Unique Identifiers:

P2A HPTC	Primary	Y
OVERRIDE RULE CATEGORY CODE		

Entity Name: OVERRIDE RULE STATUS CODE			<i>Short Name:</i>	ORSC
<i>Plural:</i>	OVERRIDE RULE STATUS CODE			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

The current state of an override rule for rating logic:
e.g.
ACT Active
INA Inactive
PND Pending

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* OVERRIDE RULE STATUS CODE		N	VARCHAR2	3
A code used to identify the status of an override rule (e.g. active, inactive, pending)				
DESCRIPTION		N	VARCHAR2	120
A textual description of the current state of an override rule				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing the state of one or more OVERRIDE RATING RULE
* = Relationships in primary unique identifier.

Unique Identifiers:

ORSC	Primary	Y
OVERRIDE RULE STATUS CODE		

Entity Name: PAPER BATCH STATUS CODE			<i>Short Name:</i>	PBSC
<i>Plural:</i> PAPER BATCH STATUS CODE				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:
*** OBSOLETE ***

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PAPER BATCH STATUS CODE *** OBSOLETE ***		N	VARCHAR2	3
DESCRIPTION *** OBSOLETE ***		N	VARCHAR2	120
EFFECTIVE_DATE *** OBSOLETE ***		N	DATE	
EXPIRY DATE *** OBSOLETE ***		N	DATE	
UPDATE_TIMESTAMP *** OBSOLETE ***		N	TIMESTAMP	
* = Attributes in primary unique identifier.				

Unique Identifiers:

PBSC	Primary	Y
PAPER BATCH STATUS CODE		

Notes:
*** OBSOLETE ***

Entity Name: PCE SCL INVOICE		Short Name:	PSI1
Plural:	PCE SCL INVOICE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

This is the table that contains data unique to Piece Scale invoices.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INVOICE NUMBER		N	VARCHAR2	7
The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.				
* CANCELLATION IND		N	VARCHAR2	1
This attribute is used to identify invoices that are cancelling an invoice with the same Invoice_Number. It is set to "Y" only for a Piece Scale R2 transaction (Cancel and Replace). All other billing transactions are defaulted to "N".				
* = Attributes in primary unique identifier.				

Unique Identifiers:

PSI1	Primary	Y
INVOICE NUMBER		
CANCELLATION IND		

Entity Name: PERMIT BLOCK		Short Name: PB	
<i>Plural:</i>	PERMIT BLOCK		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Description of the legal area cleared by the Ministry (that is, no other claims for the land exist), for harvesting, haycutting or recreation purposes. This corresponds to the outlined areas on the Exhibit 'A' maps.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FOREST FILE ID		N	VARCHAR2	10
File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.				
* CUTTING PERMIT ID		N	VARCHAR2	3
Identifier for a cutting permit associated with a quota type harvesting tenure.				
* PERMIT BLOCK ID		N	VARCHAR2	4
Identifier for defining the outlined area on a map for the cutting permit.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

PB	Primary	Y
FOREST FILE ID		
CUTTING PERMIT ID		
PERMIT BLOCK ID		

Entity Name: PIECE SCALE SUMMARY

Short Name:

PSSMRY

Plural: PIECE SCALE SUMMARY

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Subtype of: PIECE SCALED METHOD VERSION

Description:

Represents an 'old style' piece scale summary of scale return (aka FS72).

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
RETURN NUMBER		Y	VARCHAR2	4
A unique number (in conjunction with the scaler's licence number and date), and is assigned to a parcel of timber by a scaler. The scaler assigns #001 to the first parcel scaled each year and continues consecutively through to 999. If the scaler scales more than 999 parcels of timber in a year they then restart with 001. The dates will then determine the uniqueness of the number.				
<i>Also called a raft or tally number</i>				
LOG COUNT		N	NUMBER	6
The number of individual logs referenced by a scale return				
INPUT SCALER LICENSE NUM		Y	VARCHAR2	4
A text string identifying the scaler that responsible for scaling a load of timber				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the scaler licence foreign key</i>				
PERIOD START DATE		Y	DATE	
Used to define the start date of the detail loads summarized on a summary return.				
<i>This field will normally identify the 1st of the month, but its main purpose is to identify the start date of summarizations that start in the middle of a month due to a mid month appraisal</i>				
FIELD SCALE DECK ID		Y	VARCHAR2	1
An identifier for a field scale deck of timber				
CUT BLOCK ID		Y	VARCHAR2	10
Identifies the cut block where the timber scaled on a piece scale summary return was harvested.				
<i>This data item cannot be validated with RI at this time as there is no standard set Cut blocks currently in use by both Industry and the Ministry</i>				
VERSION COMMENT		Y	VARCHAR2	240
A text comment field pertaining to a scale document				
PLACE OF SCALE		Y	VARCHAR2	40
The name of the place where the timber was scaled				
<i>A text field used to identify where a load of timber was scale, in addition to the scale site id.</i>				
CAMP BOOM NUMBER		Y	VARCHAR2	18
The boom number or other identification assigned to the parcel by the owner				
<i>As the field is not edited it may contain alpha and/or numeric characters</i>				
NUMBER OF CHAINS		Y	VARCHAR2	14
The number of chains, swifter wires, dog straps, etc. used on a boom				
<i>As the field is not edited it may contain alpha and/or numeric characters</i>				
NUMBER OF SECTIONS		Y	NUMBER	3,1
The number of sections within the boom				
<i>On input documents there is an implied decimal point between the last two characters (e.g., code 10.0 as 100) and must be resolved for this attribute</i>				

* = Attributes in primary unique identifier.

Relationships:**Each Occurrence Of This Entity:**

Entity Name:	PIECE SCALE SUMMARY (cont'd)	Short Name:	PSSMRY
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MAY BE generated from one or more LOG TALLY TXN
or MAY BE generated from one or more SFP TALLY TXN
MAY BE copied to one and only one CLIENT LOCATION
MAY BE paid by one and only one CLIENT LOCATION
MAY BE annotated by one or more PIECE SCL NOTATION
MAY BE segregated by one or more PIECE SCL SEGREGATION
MAY BE processed as one or more PIECE SCL SMRY TXN
MAY BE a transaction segregation for one or more PIECE SCL TXN SEGREGATION
MAY BE in error as described by one or more PIECE SCL VERSION ERROR
MUST BE identified as one and only one PS SUMMARY TYPE CODE
** = Relationships in primary unique identifier.*

Entity Name:	PIECE SCALED METHOD VERSION	<i>Short Name:</i>	PSMV
<i>Plural:</i>	PIECE SCALED METHOD VERSION		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	SUMMARY SCALE RETURN VERSION		

Description:
A super-type for piece scaled summary scale documents that have common relationships and/or attributes

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

- Subtypes:*
- PIECE SCALE SUMMARY
 - SAMPLE SCALE SUMMARY

Entity Name: PIECE SCALED TALLY**Short Name:** PSLTT**Plural:** PIECE SCALED TALLY**Init. Volume:** **Avg. Volume:** **Max. Volume:** **Annual Growth Rate:****Subtype of:** DETAIL SCALE DOC VERSION PROCESSABLE**Description:**

A super-type for piece scaled detail scale documents that have common relationships and/or attributes

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
RETURN NUMBER		N NUMBER	4
A unique number (in conjunction with the scaler's licence number and date), and is assigned to a parcel of timber by a scaler. The scaler assigns #0001 to the first parcel scaled each year and continues consecutively through to 9999. If the scaler scales more than 9999 parcels of timber in a year they then restart with 0001. The dates will then determine the uniqueness of the number.			
NET VOLUME		Y NUMBER	7,3
The net volume of the timber recorded on this document			
VOLUME CALC METHOD TYPE		Y VARCHAR2	1
Identifies the scale document as having calculated the volume on a 'Gross' or 'Net' basis.			
<i>Allowable Values of Attribute</i>			
G	Gross	G	
N	Net	N	
CHECK REPLACES ORIGINAL IND		Y VARCHAR2	1
Identifies the piece scaled detail scale document as having been replaced by a check scale detail scale document			
<i>Allowable Values of Attribute</i>			
Y	Yes	Y	
N	No	N	
ORIG_CHK_SCL_QUANT_LIC_TYPE_CD		Y VARCHAR2	1
A code that indicates the type of license for the scaler responsible for the original scale return being check scaled. For example, a type may be: Scaling license, Cruise license, or Residue Survey license.			
<i>This data item is no longer required as a result of the SCS rewrite, and the retirement of the QUANT LICNECE table</i>			
INPUT ORIGINAL DDN		Y VARCHAR2	13
An input text field used to identify the document control number of a related check scaled document			
INPUT ORIGINAL DDV		Y NUMBER	2
An input number field used to identify the version of a related check scaled document			
INPUT ORIG CHK SCL SCALER LIC		Y VARCHAR2	4
The scaler's licence number from the detail scale document being check scaled, as input.			
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "original scaler licence" relationship</i>			
ORIG_CHK_SCL_RETURN_NUMBER		Y VARCHAR2	4
The original scaler's return number from the detail scale document being check scaled.			
LOAD ARRIVAL NUMBER		Y VARCHAR2	10
A sequential number assigned to a load as it arrives at a scale site.			

* = Attributes in primary unique identifier.

Relationships:**Each Occurrence Of This Entity:**

MAY BE checking a scale originally scaled by one and only one SCALER

* = Relationships in primary unique identifier.

Entity Name:	PIECE SCALED TALLY (cont'd)	Short Name:	PSLTT
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Subtypes:

- LOG TYPE TALLY
- SPECIAL FOREST PRODUCT TALLY

Entity Name: PIECE SCL NACK ERROR		<i>Short Name:</i>	PSNERR
<i>Plural:</i>	PIECE SCL NACK ERROR		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	NEGATIVE ACK ERROR		

Description:

A subtype of Negative Ack Error...

Records errors encountered during EDI edit events for piece scale EDI document data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Entity Name: PIECE SCL NEG ACK		<i>Short Name:</i>	PSNACK
<i>Plural:</i>	PIECE SCL NEG ACK		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS EDI NEGATIVE ACKNOWLEDMENT		

Description:

A subtype of the HBS EDI Negative Acknowledgement entity...

Captures piece scale return 'header' information about an rejected piece scale EDI document

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Entity Name: PIECE SCL NOTATION		<i>Short Name:</i>	PSNTN
<i>Plural:</i>	PIECE SCL NOTATION		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	SUMMARY RETURN NOTATION		

Description:

A subtype of Summary Return Notation...
Captures textual comments about a piece scale return version.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE annotating one and only one PIECE SCALE SUMMARY
* = Relationships in primary unique identifier.

Entity Name: PIECE SCL SEG ERROR		<i>Short Name:</i>	PSSEGERR
<i>Plural:</i>	PIECE SCL SEG ERROR		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS EDIT ERROR		

Description:

A subtype of Segregation Error...

Records errors encountered during edit events for piece scale return segregation data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE describing an error for one and only one PIECE SCL SEGREGATION

* = Relationships in primary unique identifier.

Entity Name: PIECE SCL SEGREGATION			<i>Short Name:</i>	PSSEG
<i>Plural:</i>	PIECE SCL SEGREGATION			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	
<i>Subtype of:</i>	SUMMARY RETURN VERSION SEGREGATION			

Description:
A subtype of Piece Scale Method Segregation...
Captures segregation details for a piece scale summary scale return

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
INPUT OTHER DESC		Y	VARCHAR2	3
An "Other Description" code supplied on the source document, describing items such as boomsticks, swifters, etc. that are not available in the product list.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "other description code" relationship</i>				
NMV IND		N	VARCHAR2	1
Indicates if timber mark was visible and recorded for a segregation				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MAY BE a generated summarization of one or more LOG TALLY TXN SEG
MAY BE defined by one and only one OTHER DESCRIPTION TYPE CODE
MUST BE segregating one and only one PIECE SCALE SUMMARY
MAY BE in error as described by one or more PIECE SCL SEG ERROR
MAY BE processed as one or more PIECE SCL TXN SEGREGATION
MAY BE identifying beachcombed segregation as originating from one and only one TIMBER MARK
* = Relationships in primary unique identifier.

Subtypes:
BEACHCOMB
OLD MULTIMARK
PRIMARY
WASTE

Entity Name: PIECE SCL SMRY TXN		<i>Short Name:</i>	PSTXN
<i>Plural:</i>	PIECE SCL SMRY TXN		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	BILLABLE SUMMARY TXN		

Description:

 A subtype of Billable Summary Txn...

 A record of a processing transaction applied against a peice scale Scale Return Version.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

 MAY BE documented on one and only one HBS PS STATEMENT

 MUST BE a transaction against one and only one PIECE SCALE SUMMARY

 MAY BE segregated by one or more PIECE SCL TXN SEGREGATION

 * = Relationships in primary unique identifier.

Entity Name: PIECE SCL SRTS NOTIFICATION		<i>Short Name:</i>	PSSNTF
<i>Plural:</i>	PIECE SCL SRTS NOTIFICATION		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	SRTS NOTIFICATION		

Description:

A subtype of SRTS Notification...

This entity records the action of notifying the SRTS system that a new or corrected summary piece scale return version has been inserted into HBS.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Entity Name: PIECE SCL TXN SEGREGATION		<i>Short Name:</i>	PSXSEG
<i>Plural:</i>	PIECE SCL TXN SEGREGATION		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	BILLABLE TXN SEGREGATION		

Description:

A subtype of Billable Txn Segregation...
This entity captures derived information regarding the processing of a transaction against a piece scale return segregation.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE prorated to one or more SFP TALLY TXN SEG
or MAY BE prorated to one or more LOG TALLY TXN SEG
MUST BE a transaction segregation for one and only one PIECE SCALE SUMMARY
MUST BE a transaction against one and only one PIECE SCL SEGREGATION
MUST BE listing segregations for one and only one PIECE SCL SMRY TXN
MAY BE getting a rate from one and only one WASTE RESIDUE RATE
* = Relationships in primary unique identifier.

Entity Name: PIECE SCL VERSION ERROR		<i>Short Name:</i>	PSVERR
<i>Plural:</i>	PIECE SCL VERSION ERROR		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS EDIT ERROR		

Description:

A subtype of Scale Return Version Error...

Records errors encountered during edit events for piece scale version data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE describing an error for one and only one PIECE SCALE SUMMARY

* = Relationships in primary unique identifier.

Entity Name: POPULATION

Short Name:

POP

Plural: POPULATION

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

This entity records information about a weight scale population (i.e. "the aggregate of all truck loads weighed in a given period")

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* POPULATION NUMBER		N	VARCHAR2	4
A number uniquely identifying a population				
* SAMPLING YEAR		N	NUMBER	5
Describes a period within which loads of timber are attributed to a particular stratum within a population				
<i>This attribute is specified as Number (5) due to the use of legacy tables during the original implementation of HBS Phase 1</i>				
STRATUM COUNT		N	NUMBER	4
Number of strata in a population				
SAMPLE LOADS		N	NUMBER	7
Number of sample loads in a population				
BILLED LOADS		N	NUMBER	7
Number of billed loads in a population				
SAMPLE LOAD SIZE		N	NUMBER	7,3
The average volume of all loads sampled in a population				
SAMPLE VOLUME		N	NUMBER	10,3
The total volume of all loads sampled in a population				
BILLED VOLUME		N	NUMBER	10,3
The total volume of all billed loads in a population				
SAMPLE WEIGHT		N	NUMBER	12
The total weight of all loads sampled in a population				
BILLED WEIGHT		N	NUMBER	12
The total weight of of all loads billed in a population				
RATIO		N	NUMBER	6,5
The computed volume to weight ratio of all loads sampled in a population				
POP VARIANCE		N	NUMBER	
The variance (square of the standard deviation) of the population total volume				
<i>refer to Appendix 9 of the scaling manual for detailed information about this data item</i>				
DEGREES OF FREEDOM		N	NUMBER	5
A statistical constraint (function of the number of samples and the number of strata)				
<i>refer to Appendix 9 of the scaling manual for detailed information about this data item</i>				
PRECISION		N	NUMBER	5,2
The precision of the population total volume as a percentage (e.g. within plus or minus n.nn%)				
<i>refer to Appendix 9 of the scaling manual for detailed information about this data item</i>				
ESTIMATED TOTAL VOLUME		N	NUMBER	15,3
The estimated total volume of an average load for a population				
ESTIMATED TOTAL LOADS		N	NUMBER	7
Initial estimate of the number of billed loads in a population				
ESTIMATED LOAD SIZE		N	NUMBER	15,3
Estimated average load volume for a population (volume in cubic meters to 3 decimal places).				

Entity Name: POPULATION (cont'd)		Short Name:	POP
EFFECTIVE DATE	Y DATE		
The date the code becomes effective.			
EXPIRY DATE	Y DATE		
The date after which the code is no longer available for use.			
ENTRY USERID	N VARCHAR2	30	
The USERID of the individual who entered the information.			
ENTRY TIMESTAMP	N DATE		
The date and time on which the record was created.			
UPDATE USERID	Y VARCHAR2	30	
The USERID of the individual who last updated the information.			
UPDATE TIMESTAMP	Y DATE		
The date and time the record was last modified.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

- MAY BE owned by one and only one CLIENT LOCATION
 - MAY BE requiring a final bill for one or more FINAL BILLABLE DROPOUT MARK
 - MAY BE administered by one and only one ORG UNIT
 - MAY BE requiring settings recorded in one or more POPULATION PROFILE
 - MAY BE collecting stats as one or more POPULATION STATISTICAL DATA
 - MUST BE defined by a one and only one RATIO TYPE CODE
 - MAY BE preparing one or more SAMPLE PLAN
 - MAY BE stratified into one or more STRATUM
- * = Relationships in primary unique identifier.

Unique Identifiers:

POP	Primary	Y
POPULATION NUMBER		
SAMPLING YEAR		

Notes:

Population numbers (i.e. identifiers) have become fairly static and are now generally associated with a particular company.

Short Name: POPGRDSTAT

Annual Growth Rate:

MUST BE grouped by one and only one SCALE GRADE CODE

Entity Name: POPULATION PROFILE			Short Name:	POPPROF
Plural:	POPULATION PROFILE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

Captures client profile settings for a population with regard to sample compilation and ration statement processing frequencies

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* POPPROF ID		N	NUMBER	32
A unique identifier (surrogate) for a population profile entry				
NEXT RATIO STMT DATE		N	DATE	
The next date that ratio statement will be generated for a population				
LAST RATIO STMT DATE		N	DATE	
The last date that ratio statement was generated for a population				
START RATIO STMT DATE		Y	DATE	
The first date upon which a ratio statement was, or is, scheduled to generated for a population				
FINAL BILL DATE		Y	DATE	
The date upon which (on or after) final billing is scheduled to process for a population				
The default is 60 days after the Population expiry date				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		Y	DATE	
The date after which the code is no longer available for use.				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE scheduling ratio computations according to one and only one HBS FREQUENCY TYPE CODE

MUST BE tracking settings for one and only one POPULATION

* = Relationships in primary unique identifier.

Unique Identifiers:

POPPROF_UID	Primary	N
MUST BE tracking settings for one and only one POPULATION		
EFFECTIVE DATE		
POPPROF	Primary	Y
POPPROF ID		

Entity Name: POPULATION SCALE SITE		<i>Short Name:</i>	PSS
<i>Plural:</i>	POPULATION SCALE SITE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

*** OBSOLETE ***

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PSS_ID		N	NUMBER	32
*** OBSOLETE ***				
primary key				
* = Attributes in primary unique identifier.				

Unique Identifiers:

PSS	Primary	Y
PSS_ID		

Short Name: POPSEGSTAT

Annual Growth Rate:

MUST BE segregated by one and only one SPECIES PRODUCT GRADE XREF

Short Name: POPSPCSTAT

Annual Growth Rate:

MUST BE grouped by one and only one SCALE SPECIES CODE

Entity Name: POPULATION STATISTICAL DATA**Short Name:** POPSTATS**Plural:** POPULATION STATISTICAL DATA**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

A supertype, providing common attributes, for the various statistics calculated for a population

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
SAMPLE LOADS		Y	NUMBER	5
The number of loads sampled, at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the number of loads sampled in a population that contained a specific grade				
the number of loads sampled in a stratum that contained a specific segregation				
etc...				
SAMPLE VOLUME		Y	NUMBER	15,3
The total volume sampled, at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the total volume sampled for a specific grade within a population				
the total volume sampled for a specific segregation within a stratum				
etc...				
VOLUME FRACTION		Y	NUMBER	5,2
The volume fraction (%), at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the volume fraction for a specific species for all sample loads within a population				
the volume fraction for a specific segregation for all sample loads within a population				
etc...				
RATIO		Y	NUMBER	6,5
The ratio (m3/tonne), at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the ratio for a specific species for all sample loads within a population				
the ratio for a specific segregation for all sample loads within a population				
etc...				
BILLED VOLUME		Y	NUMBER	15,3
The volume billed (m3), at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the volume estimate for a specific species for all billed loads within a population				
the volume estimate for a specific segregation for all billed loads within a population				
etc...				
VARIANCE		Y	NUMBER	
The variance (square of the standard deviation) of the total volume at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the variance of the volume estimate of a species in all billed loads for a population				
the variance of the volume estimate of a segregation in all billed loads for a population				
etc...				
refer to Appendix 9 of the scaling manual for detailed information about this data item				

Entity Name:	POPULATION STATISTICAL DATA (cont'd)	<i>Short Name:</i>	POPSTATS
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PRECISION

Y NUMBER

5,2

The precision of the population total volume as a percentage (e.g. within plus or minus n.nn%), at the various levels of stats calculations being captured by this entity's subtypes.

eg.
the precision of the volume estimate of a species in all billed loads for a population
the precision of the volume estimate of a segregation in all billed loads for a population
etc...
refer to Appendix 9 of the scaling manual for detailed information about this data item

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

* MUST BE recording stats for one and only one POPULATION

** = Relationships in primary unique identifier.*

Unique Identifiers:

POPCALCS

Primary Y

MUST BE recording stats for one and only one POPULATION

Subtypes:

- POPULATION GRADE STATS
- POPULATION SEGREGATION STATS
- POPULATION SPECIES STATS

Entity Name: PRIMARY		Short Name: PRIMARY	
<i>Plural:</i>	PRIMARY		
<i>Init. Volume:</i>		<i>Avg. Volume:</i>	<i>Max. Volume:</i>
<i>Subtype of:</i>	PIECE SCL SEGREGATION	<i>Annual Growth Rate:</i>	

Description:

Segregation details for a normal or regular piece scale return (i.e. not a waste or beachcomb return)

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
SB4 IND		N	VARCHAR2	1
Identifies a segregation as having been previously scaled (i.e. "scaled before")				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	

* = Attributes in primary unique identifier.

Entity Name: PROCESSING STATUS CODE			<i>Short Name:</i>	PSC
<i>Plural:</i>	PROCESSING STATUS CODE			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

A code table containing the list of statuses that a report can be in(submitted, processing, completed, and error).

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PROCESSING STATUS CODE		N	VARCHAR2	3
A code identifying the status that a report is be in(submitted, processing, completed, and error).				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to identify statuses that a report can be in(submitted, processing, completed, and error).				
EFFECTIVE DATE		N	DATE	
The date at which a code becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a code expires and is no longer effective or available for use				
UPDATE TIMESTAMP		N	TIMESTAMP	
The date and time of the last update to a code (includes the insert date)				
* = <i>Attributes in primary unique identifier.</i>				

Unique Identifiers:

PSC	<i>Primary</i>	Y
PROCESSING STATUS CODE		

Entity Name: PROV FOREST USE		Short Name:	PFU
Plural:	PROV FOREST USE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

General header information to identify the type of forest land use managed by the Ministry of Forests (eg., timber tenures, grazing tenures, recreation files, forest service roads, etc.). This is the main access point for examining land use information.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FOREST FILE ID		N	VARCHAR2	10
File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

PFU	Primary	Y
FOREST FILE ID		

Entity Name: PS INV DETAIL			Short Name:	PID
Plural:	PS INV DETAIL			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

This table contains all the value and volume information at a segregation level for a Piece Scale Invoice. The segregation is at the Timber Mark / Species / Product Code / Grade level.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INVOICE NUMBER		N	VARCHAR2	7
The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.				
* CANCELLATION IND		N	VARCHAR2	1
This attribute is used to identify invoices that are cancelling an invoice with the same Invoice_Number. It is set to "Y" only for a Piece Scale R2 transaction (Cancel and Replace). All other billing transactions are defaulted to "N".				
* TIMBER MARK		N	VARCHAR2	6
Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.				
* HDBS TREE SPECIES		N	VARCHAR2	2
A Code that identifies the species of log or material being invoiced.				
* FOREST PRODUCT CD		N	VARCHAR2	2
A Code that further qualifies the type of material being invoiced. It specifies whether the material is something other than logs, eg. Fence Posts, or Telephone Poles, or Christmas trees.				
* OTHER LOG DESC CD		N	VARCHAR2	3
A Code that further qualifies the type of material being invoiced. Eg. Shards, Stumps, etc.				
* LOG GRADE		N	VARCHAR2	1
An alpha field that indicates the overall quality of the timber and thus infers a certain value.				
* REVENUE CLASSN CD		N	VARCHAR2	3
This code indicates the type of revenue that was earned. It is used to report revenue to the General Ledger.				
* NMV INDICATOR		N	VARCHAR2	1
This attribute indicates if the scale was performed on material where there was no discernible Timber Mark.				
* SB4 INDICATOR		N	VARCHAR2	1
This attribute indicates if the material for the current segregation has been scaled before.				
* MARKING PAINT CODE		N	VARCHAR2	2
This is a flag is used in the assigning of a Timber Mark for the specific line of piece scale detail. It refers to a paint color, i.e. "SI" = Silver, "RE" = Red, "BA" = Black.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

PID	Primary	Y
TIMBER MARK		
HDBS TREE SPECIES		
FOREST PRODUCT CD		
OTHER LOG DESC CD		
LOG GRADE		
REVENUE CLASSN CD		
NMV INDICATOR		
SB4 INDICATOR		
MARKING PAINT CODE		

Entity Name:	PS INV DETAIL (cont'd)	<i>Short Name:</i>	PID
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INVOICE NUMBER
CANCELLATION IND

Entity Name: PS SUMMARY TYPE CODE			Short Name:	PSSTYPCD
Plural:	PS SUMMARY TYPE CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A code used to identify a type of piece scale summary scale return document.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PSSMRY TYPE CODE		N	VARCHAR2	10
A code used to identify a type of piece scale summary scale return document.				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to describe a type of piece scale summary scale document				
EFFECTIVE DATE		N	DATE	
The date at which a code becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a code expires and is no longer effective or available for use				
UPDATE TIMESTAMP		N	TIMESTAMP	
The date and time of the last update to a code (includes the insert date)				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE identifying a type of one or more PIECE SCALE SUMMARY

* = Relationships in primary unique identifier.

Unique Identifiers:

PSSTYPCD	Primary	Y
PSSMRY TYPE CODE		

Notes:

These codes were originally created by designer as an implementation of sub-types within the Piece Scale Summary entity. There became to many and a code table is now more appropriate

Entity Name: PS TALLY			<i>Short Name:</i> PT	
<i>Plural:</i> PS TALLY				
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>
<i>Annual Growth Rate:</i>				

Description:

*** OBSOLETE ***

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TALLY SKEY		N	NUMBER	10
*** OBSOLETE ***				

* = Attributes in primary unique identifier.

Unique Identifiers:

PT	Primary	Y
TALLY SKEY		

Entity Name: QUANT LICENSE			<i>Short Name:</i>	QL
<i>Plural:</i>	QUANT LICENSE			
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	0	<i>Max. Volume:</i> 0
			<i>Annual Growth Rate:</i>	0%

Description:

The quantification license is a formal recognition of the qualifications attained by a scaler and is issued upon successful completion of an examination conducted by the Ministry of Forests scaling staff.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LICENSE NUMBER		N	VARCHAR2	4
A number used to uniquely identify each scaler who is registered with the Ministry.				
* QUANT LIC TYPE CD		N	VARCHAR2	1
A code that indicates the type of license. For example, a type may be: Scaling license, Cruise license, or Residue Survey license.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

QL	Primary	Y
LICENSE NUMBER		
QUANT LIC TYPE CD		

Entity Name: RATEDATE RULE			<i>Short Name:</i> RRT	
<i>Plural:</i> RATEDATE RULE				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> OVERRIDE RATING RULE				

Description:

A subtype of the Override Rating Rule entity...
Identifies a rule as a rate date rule and captures the rate date to be used to override a returns scale date for the specified timber mark.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
OVERRIDE RATE DATE		N	DATE	

A date to be used in place of a scale returns scale date for purposes of determing rates for a mark

* = *Attributes in primary unique identifier.*

Entity Name: RATIO HISTORY*Short Name:*

RATHIST

Plural: RATIO HISTORY*Init. Volume:**Avg. Volume:**Max. Volume:**Annual Growth Rate:***Description:**

Timestamped snapshots of stratum segregation stats, taken whenever a ration statement is generated for a stratum

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* RATIO HIST ID		N	NUMBER	32
A unique identifier (surrogate) for a ratio history record				
RATIO TIMESTAMP		N	TIMESTAMP	
The date and time that the data supporting a ratio is formalized on a ratio statement				
SAMPLE LOADS		Y	NUMBER	5
The number of loads sampled, at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the number of loads sampled in a population that contained a specific grade				
the number of loads sampled in a stratum that contained a specific segregation				
etc...				
SAMPLE VOLUME		Y	NUMBER	15,3
The total volume sampled, at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the total volume sampled for a specific grade within a population				
the total volume sampled for a specific segregation within a stratum				
etc...				
VOLUME FRACTION		Y	NUMBER	5,2
The volume fraction (%), at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the volume fraction for a specific species for all sample loads within a population				
the volume fraction for a specific segregation for all sample loads within a population				
etc...				
RATIO		Y	NUMBER	6,5
The ratio (m3/tonne), at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the ratio for a specific species for all sample loads within a population				
the ratio for a specific segregation for all sample loads within a population				
etc...				
BILLED VOLUME		Y	NUMBER	15,3
The volume billed (m3), at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the volume estimate for a specific species for all billed loads within a population				
the volume estimate for a specific segregation for all billed loads within a population				
etc...				
VARIANCE		Y	NUMBER	
The variance (square of the standard deviation) of the total volume at the various levels of stats calculations being captured by this entity's subtypes.				

Entity Name:	RATIO HISTORY (cont'd)	Short Name:	RATHIST
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eg.
the variance of the volume estimate of a species in all billed loads for a population
the variance of the volume estimate of a segregation in all billed loads for a population
etc...
refer to Appendix 9 of the scaling manual for detailed information about this data item

PRECISION

Y NUMBER

5,2

The precision of the population total volume as a percentage (e.g. within plus or minus n.nn%), at the various levels of stats calculations being captured by this entity's subtypes.

eg.
the precision of the volume estimate of a species in all billed loads for a population
the precision of the volume estimate of a segregation in all billed loads for a population
etc...
refer to Appendix 9 of the scaling manual for detailed information about this data item

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE documented on one and only one HBS RATIO STATEMENT
MUST BE tracking history for one and only one STRATUM SEGREGATION STATS
* = *Relationships in primary unique identifier.*

Unique Identifiers:

STRSEGHST

Primary Y

RATIO HIST ID

Entity Name: RATIO TYPE CODE*Short Name:*

RTC

Plural: RATIO TYPE CODE*Init. Volume:**Avg. Volume:**Max. Volume:**Annual Growth Rate:***Description:**

BT10683 - Default Ratios

A code that identifies the type of ratio that applies to a stratum.

D - Default (assigned ratios for bio fuel processing, no samples taken)

S - Sample Based (normal ratios from samples)

Z - Zeroed Ratio (indicates that all samples have been cancelled, as opposed to No ratios)

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* RATIO TYPE CODE		N	VARCHAR2	1
A code used to identify the type of ratio being applied to a stratum				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to identify the type of ratio being applied to a stratum				
EFFECTIVE DATE		N	DATE	
The date at which a code becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a code expires and is no longer effective or available for use				
UPDATE TIMESTAMP		N	TIMESTAMP	
The date and time of the last update to a code (includes the insert date)				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MAY BE identifying the ratio type for one or more HBS RATIO STATEMENT

MAY BE identifying a ratio type for one or more POPULATION

MAY BE participating in a one or more RATIO TYPE PRODUCT XREF

MAY BE identifying a ratio type for one or more SAMPLE PLAN

* = Relationships in primary unique identifier.

Unique Identifiers:

RTC

Primary Y

RATIO TYPE CODE

Entity Name: RATIO TYPE PRODUCT XREF			<i>Short Name:</i>	RTPX
<i>Plural:</i>	RATIO TYPE PRODUCT XREF			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Establishes valid Ratio Type / Scale Product combinations

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
EFFECTIVE DATE		N	DATE	
The date at which a Ratio Type/Scale Product becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a Ratio Type/Scale Product expires and is no longer effective or available for use				
UPDATE TIMESTAMP		N	TIMESTAMP	
The date and time of the last update to a Ratio Type/Scale Product combination (includes the insert date)				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE specifying a ratio type for one and only one RATIO TYPE CODE
- * MUST BE specifying a product for one and only one SCALE PRODUCT CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

RTPX	Primary	Y
MUST BE specifying a ratio type for one and only one RATIO TYPE CODE		
MUST BE specifying a product for one and only one SCALE PRODUCT CODE		

Notes:

- Initital combination values:
- Ratio type = S, product = [blank], Logs can be scaled where ratios are sample-based.
- Ratio type = D, product = [blank], Logs can be scaled where default ratios are provided.
- Ratio type = D, product = CH, WoodChips can be scaled where default ratios are provided.
- Ratio type = D, product = HF, Hogged Tree Material can be scaled where default ratios are provided.

Entity Name: REPORT DELIVERY CODE		<i>Short Name:</i>	RDC
<i>Plural:</i>	REPORT DELIVERY CODE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

A code table containing the list of possible delivery codes available to reporting(Currently Email and Direct).

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* REPORT DELIVERY CODE		N	VARCHAR2	3
A code used to identify the method a by report which a report is delivered				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to identify the method a by report which a report is delivered				
EFFECTIVE DATE		N	DATE	
The date at which a code becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a code expires and is no longer effective or available for use				
UPDATE TIMESTAMP		N	TIMESTAMP	
The date and time of the last update to a code (includes the insert date)				
* = Attributes in primary unique identifier.				

Unique Identifiers:

RDC_PK	<i>Primary</i>	Y
REPORT DELIVERY CODE		

RPC

Annual Growth Rate:

A code table containing the list of reporting engines(Currently Oracle and Crystal Reports).

* = Attributes in primary unique identifier.

* = Relationships in primary unique identifier.

RPC_PK	Primary	Y
REPORT PROGRAM CODE		

Entity Name: REPORT PROXY CONTROL			Short Name:	RPC1
Plural:	REPORT PROXY CONTROL			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

Contains the login data fields needed to connect to the reporting engine associated with the defined application/report program/role combination.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CONNECT NAME		N	VARCHAR2	50
This is primarily a name based on the requesting user's role				
* APPLICATION ACRONYM		N	VARCHAR2	30
The commonly used acronym associated with the application or system.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

* MUST BE require one and only one REPORT PROGRAM CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

RPC1	Primary	Y
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CONNECT NAME

MUST BE require one and only one REPORT PROGRAM CODE

APPLICATION ACRONYM

Entity Name: SAMPLE CATEGORIZATION

Short Name:

SAMCAT

Plural: SAMPLE CATEGORIZATION

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

This entity identifies the the predominant or major composition of a sample load

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
RATIO OUTLIER IND		N	VARCHAR2	1
Indicates that the ratio for a sample load is more than two standard deviations from the mean				
SPECIES CATEGORY TYPE		N	VARCHAR2	1
Indicates the categorization of the sample by species predominance.				
Static values for this indicator are 'Predominant', 'Twin Major', 'Single Major', and 'None'				
<i>Predominant: A single species (or grade) accounts for more than 2/3 of the volume of a sample</i>				
<i>Twin Major: Two species (or grades) each account for more than 1/3 of the volume of a sample</i>				
<i>Single Major: One species (or grade) accounts for more than 1/3 of the volume of a sample</i>				
<i>None: No species (or grade) accounts for more than 1/3 of the volume of a sample</i>				
GRADE CATEGORY TYPE		N	VARCHAR2	1
Indicates the categorization of the sample by grade predominance.				
Static values for this indicator are 'Predominant', 'Twin Major', 'Single Major', and 'None'				
<i>Predominant: A single grade accounts for more than 2/3 of the volume of a sample</i>				
<i>Twin Major: Two grades each account for more than 1/3 of the volume of a sample</i>				
<i>Single Major: One grade accounts for more than 1/3 of the volume of a sample</i>				
<i>None: No grade accounts for more than 1/3 of the volume of a sample</i>				
PREDOMINANT SP VOL FRACTION		Y	NUMBER	5,2
The portion of the sample volume attributed to the predominant species				
<i>When a sample is categorized by predominant species this attribute will contain the fraction (%) of the load that is attributed to the specified species</i>				
PREDOMINANT GR VOL FRACTION		Y	NUMBER	5,2
The portion of the sample volume attributed to the predominant grade				
<i>When a sample is categorized by predominant grade this attribute will contain the fraction (%) of the load that is attributed to the specified grade</i>				
FIRST MAJOR SP VOL FRACTION		Y	NUMBER	5,2
The portion of the sample volume attributed to the species allocated as the first major species				
<i>When a sample is categorized by twin major, or single major, species this attribute will contain the fraction (%) of the load that is attributed to the specified single major species, or the larger of the twin major species specified</i>				
FIRST MAJOR GR VOL FRACTION		Y	NUMBER	5,2
The portion of the sample volume attributed to the grade allocated as the first major grade				
<i>When a sample is categorized by twin major, or single major, grade this attribute will contain the fraction (%) of the load that is attributed to the specified single major grade, or the larger of the twin major grade specified</i>				
SECOND MAJOR SP VOL FRACTION		Y	NUMBER	5,2
The portion of the sample volume attributed to the speceis allocated as the second major species				
<i>When a sample is categorized by twin major species this attribute will contain the fraction (%) of the load that is attributed to the the lesser of the twin major species specified</i>				
SECOND MAJOR GR VOL FRACTION		Y	NUMBER	5,2
The portion of the sample volume attributed to the grade allocated as the second major grade				
<i>When a sample is categorized by twin major grade this attribute will contain the fraction (%) of the load that is attributed to the the lesser of the twin major grade specified</i>				

* = Attributes in primary unique identifier.

Entity Name:	SAMPLE CATEGORIZATION (cont'd)	Short Name:	SAMCAT
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Relationships:

Each Occurrence Of This Entity:

- * MUST BE categorizing sample stats for one and only one SAMPLE SCL SMRY TXN
- MAY BE identifying a first major grade as one and only one SCALE GRADE CODE
- MAY BE identifying a predominant grade as one and only one SCALE GRADE CODE
- MAY BE identifying a second major grade as one and only one SCALE GRADE CODE
- MAY BE identifying a first major species as one and only one SCALE SPECIES CODE
- MAY BE identifying a predominant species as one and only one SCALE SPECIES CODE
- MAY BE identifying a second major species as one and only one SCALE SPECIES CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

SAMPLSTATS	Primary	Y
MUST BE categorizing sample stats for one and only one SAMPLE SCL SMRY TXN		

Short Name: SAMGRSTAT

Annual Growth Rate:

MUST BE grouped by one and only one SCALE GRADE CODE

Entity Name: SAMPLE LOG TALLY			Short Name:	SLTT
Plural:	SAMPLE LOG TALLY			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	
Subtype of:	LOG TYPE TALLY			

Description:

A subtype of Piece Scaled Log Tally...

Captures source data for a version of a sample scaled detail scale document

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
LOG COUNT		N	NUMBER	4
The number of logs scaled on sample scale log tally detail scale document				
INPUT PSY		Y	VARCHAR2	8
The population/stratum/sampling year supplied on the sample scale detail scale document.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "population/stratum/sampling year" component of the relationship to the Stratum entity</i>				
SAMPLE WEIGHT		Y	NUMBER	6
The net weight of the weight scaled load being sampled. The net weight is determined from the sampled weigh slip gross weight - the tare weight				
<i>This may be a portion of the weight recorded on the weigh slip if 'sub-sampled' or grapple sampled.</i>				
SAMPLED WEIGH SLIP		Y	VARCHAR2	10
The weigh slip number identifier from the assoiciated weigh slip that was selected for sampling.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE a check scale referencing one and only one SAMPLE LOG TALLY

MAY BE the original document being check scale one and only one SAMPLE LOG TALLY

MAY BE in error as described by one or more SAMPLE LOG TALLY ERROR

MAY BE recording one or more SAMPLE TALLY DETAIL

MAY BE prcossed as one or more SAMPLE TALLY TXN

MAY BE identified as amomalous by one or more SCALE ANOMALY LOG

MAY BE recording one and only one STRATUM

* = Relationships in primary unique identifier.

Entity Name: SAMPLE LOG TALLY ERROR			<i>Short Name:</i> SLOGTLYERR		
<i>Plural:</i> SAMPLE LOG TALLY ERROR					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Subtype of:</i> HBS EDIT ERROR		<i>Annual Growth Rate:</i>			

Description:
Records errors encountered during edit events for detail sample scale log tally scale documents

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MUST BE describing and error for one and only one SAMPLE LOG TALLY
* = Relationships in primary unique identifier.

Entity Name: SAMPLE PLAN**Short Name:** SMPLPLAN**Plural:** SAMPLE PLAN**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Identifies a potential sample plan for a population, and provides constraints for the underlying stratum plan estimates

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PLAN ID		N	NUMBER	32
A surrogate key uniquely identifying a sample plan				
PLAN ABBREVIATION		N	VARCHAR2	2
An abbreviation of the sample plan name				
PLAN NAME		N	VARCHAR2	40
A short description of the sample plan, usually a brief description of the plan composition				
PRECISION LIMIT		N	NUMBER	5,2
Maximum precision constraint for a population				
SAMPLE FLOOR		N	NUMBER	3
Sets the minimum number of samples for a plan				
CURRENT CONSTRAINT TYPE		N	VARCHAR2	1
Identifies the current constraint selection for a population's stratum plans. The stratum plans can be constrained by a number of loads to be sampled or constrained by precision.				
<i>This attribute represents a toggle that indicates which constraint type was available for update during the latest edit session for a population plan</i>				
<i>Allowable Values of Attribute</i>				
P	Precision		P	
S	Samples		S	
CURRENT ESTIMATE TYPE		N	VARCHAR2	2
Describes the sample plan estimate type				
e.g.				
VS - volume and size				
LS - load and size				
VL - volume and load				
OPTIMUM PRECISION CALC		Y	NUMBER	5,2
The results of the most recent optimum precision calculation for the population based on the population totals for the stratum plan estimates				
<i>This derived value is stored for performance reasons as the calculation is extremely complex</i>				
TARGET PRECISION CALC		Y	NUMBER	5,2
The results of the most recent target precision calculation for the population based on the population totals for the stratum plan estimates and constraints.				
<i>This derived value is stored for performance reasons as the calculation is extremely complex</i>				
ACCEPTED PLAN IND		N	VARCHAR2	1
Identifies a sample plan that has been accepted for implementation as the production plan				
EFFECTIVE DATE		N	DATE	
The date at which s sample_plan becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a sample plan expires and is no longer effective or available for use				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	DATE	
The date and time on which the record was created.				

Entity Name:	SAMPLE PLAN (cont'd)	<i>Short Name:</i>	SMPLPLAN
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UPDATE USERID	Y	VARCHAR2	30
The USERID of the individual who last updated the information.			
UPDATE TIMESTAMP	Y	DATE	
The date and time the record was last modified.			
* = <i>Attributes in primary unique identifier.</i>			

Relationships:

Each Occurrence Of This Entity:

- MUST BE owned by one and only one CLIENT LOCATION
- MUST BE administered by one and only one ORG UNIT
- MUST BE prepared for one and only one POPULATION
- MUST BE defined by a one and only one RATIO TYPE CODE
- MUST BE in a state described by one and only one SAMPLE PLAN STATUS CODE
- MAY BE comprised of one or more STRATUM PLAN
- * = *Relationships in primary unique identifier.*

Unique Identifiers:

SMPLPLAN	Primary	Y
PLAN ID		

Entity Name: SAMPLE PLAN STATUS CODE			<i>Short Name:</i> SMPLANSTAT		
<i>Plural:</i> SAMPLE PLAN STATUS CODE					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Annual Growth Rate:</i>					

Description:

Describes the current status of a sample plan:
e.g.
OPN - Open (Work in progress)
PRP - Proposed (Request Proposed Resolution
APP - Approved (Given official sanction
REJ - Rejected (To refuse to accept or approve)
SPR - Superseded (Replaced by another plan)

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SAMPLE PLAN STATUS CODE		N	VARCHAR2	3
A code used to identify the current status of a sample plan: e.g. OPN PRP APP REJ SPR				
DESCRIPTION		N	VARCHAR2	120
A textual description of the status of a sample plan				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing the state of one or more SAMPLE PLAN
* = Relationships in primary unique identifier.

Unique Identifiers:

SMPLANSTAT	Primary	Y
SAMPLE PLAN STATUS CODE		

Entity Name: SAMPLE SCALE SUMMARY

Short Name: SS_SUMMARY

Plural: SAMPLE SCALE SUMMARY

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Subtype of: PIECE SCALED METHOD VERSION

Description:

Represents an 'old style' weight scale sample return (aka FS493).

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
RETURN NUMBER		N	VARCHAR2	4
A unique number (in conjunction with the scaler's licence number and date), and is assigned to a parcel of timber by a scaler. The scaler assigns #001 to the first parcel scaled each year and continues consecutively through to 999. If the scaler scales more than 999 parcels of timber in a year they then restart with 001. The dates will then determine the uniqueness of the number.				
<i>also called a raft or tally number</i>				
NET WEIGHT		N	NUMBER	6
The total net weight of the load of timber being scaled on the summary sample scale return				
<i>Net weight refers to the total weight of the truck and logs net of the weight of the truck</i>				
LOG COUNT		N	NUMBER	6
The number of logs scaled for a sample				
LOAD ARRIVAL NUMBER		Y	VARCHAR2	10
A sequential number assigned to a load as it arrives at a scale site.				
<i>A consecutive number assigned to each load as it arrives at the scale station</i>				
INPUT SCALER LICENSE NUM		Y	VARCHAR2	4
Identifies the scaler responsible for scaling a load of timber				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the scaler licence foreign key</i>				
INPUT POPULATION		Y	VARCHAR2	4
The population supplied on the source document.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "population" component of the relationship to the Stratum entity</i>				
INPUT STRATUM		Y	VARCHAR2	2
The stratum identifier supplied on the source document.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "stratum" component of the relationship to the Stratum entity</i>				
INPUT SAMPLING YEAR		Y	VARCHAR2	2
The sampling year supplied on the source document.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "sampling year" component of the relationship to the Stratum entity</i>				
WEIGH SLIP NUMBER		Y	VARCHAR2	10
An identifier of the weigh scaling event associated with the load being sampled				
CHECK SCALE IND		Y	VARCHAR2	1
An indicator that the summary scale return is a check scale of a prior sample scale return				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE annotated by one or more SAMPLE SCL NOTATION

Entity Name: SAMPLE SCALE SUMMARY (cont'd)

Short Name: SS_SUMMARY

MAY BE processed by one or more SAMPLE SCL SMRY TXN

MAY BE in error as described by one or more SAMPLE SCL VERSION ERROR

MAY BE segregated by one or more SAMPLE SEGREGATION

MAY BE generated from one or more SAMPLE TALLY TXN

MAY BE recording one and only one STRATUM

** = Relationships in primary unique identifier.*

Entity Name: SAMPLE SCL NACK ERROR			<i>Short Name:</i> SSNACKERR	
<i>Plural:</i> SAMPLE SCL NACK ERROR				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> NEGATIVE ACK ERROR				

Description:

A subtype of Negative Ack Error...

Records errors encountered during EDI edit events for sample scale EDI document data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Entity Name: SAMPLE SCL NEG ACK			<i>Short Name:</i> SMPLNEGACK		
<i>Plural:</i> SAMPLE SCL NEG ACK					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
				<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> HBS EDI NEGATIVE ACKNOWLEDGMENT					

Description:

A subtype of the HBS EDI Negative Acknowledgement entity...

Captures sample scale return 'header' information about an rejected sample scale EDI document

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Entity Name: SAMPLE SCL NOTATION			<i>Short Name:</i> SMPLNOTN	
<i>Plural:</i> SAMPLE SCL NOTATION				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> SUMMARY RETURN NOTATION				

Description:

A subtype of Summary Return Notation...

Captures textual comments about a sample return version.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE annotating one and only one SAMPLE SCALE SUMMARY

* = Relationships in primary unique identifier.

Entity Name: SAMPLE SCL SEG ERROR		<i>Short Name:</i>	SSSEGERR
<i>Plural:</i>	SAMPLE SCL SEG ERROR		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS EDIT ERROR		

Description:

A subtype of Segregation Error...

Records errors encountered during edit events for sample scale return segregation data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE describing an error for one and only one SAMPLE SEGREGATION

* = Relationships in primary unique identifier.

Entity Name: SAMPLE SCL SMRY TXN			<i>Short Name:</i> SMPLSCLTXN		
<i>Plural:</i> SAMPLE SCL SMRY TXN					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
				<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> SUMMARY RETURN TRANSACTION					

Description:

- A subtype of Summary Return Transaction...
- A record of a processing transaction applied against a sample scale Scale Return Version

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE documented on one and only one HBS COMPILED SAMPLE STMNT
 - MAY BE referencing one and only one HBS COMPILED SAMPLE STMNT
 - MAY BE referencing one and only one HBS RATIO STATEMENT
 - MAY BE generating sample stats to one and only one SAMPLE CATEGORIZATION
 - MUST BE a transaction against one and only one SAMPLE SCALE SUMMARY
 - MAY BE generating sample stats to one or more SAMPLE STATISTICAL DATA
- * = Relationships in primary unique identifier.

Entity Name: SAMPLE SCL SRTS NOTIFICATION			<i>Short Name:</i> SSSRTSNOTF		
<i>Plural:</i> SAMPLE SCL SRTS NOTIFICATION					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
				<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> SRTS NOTIFICATION					

Description:

A subtype of SRTS Notification...

This entity records the action of notifying the SRTS system that a new or corrected summary sample scale return version has been inserted into HBS.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Entity Name: SAMPLE SCL TXN SEGREGATION		<i>Short Name:</i>	SSTXNSEG
<i>Plural:</i>	SAMPLE SCL TXN SEGREGATION		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	SUMMARY RETURN TXN SEGREGATION		

Description:

A subtype of Summary Return Txn Segregation...

This entity captures derived information regarding the processing of a transaction against a sample scale return segregration.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
RATIO		Y	NUMBER	6,5
The ratio calculated for a sample scale segregation.				
* = <i>Attributes in primary unique identifier.</i>				

Notes:

*** OBSOLETE ***

Entity Name: SAMPLE SCL VERSION ERROR		Short Name: SSVERERR
Plural:	SAMPLE SCL VERSION ERROR	
Init. Volume:	Avg. Volume:	Max. Volume: Annual Growth Rate:
Subtype of:	HBS EDIT ERROR	

Description:

A subtype of Scale Return Version Error...

Records errors encountered during edit events for sample scale version data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE describing an error for one and only one SAMPLE SCALE SUMMARY

* = Relationships in primary unique identifier.

Entity Name: SAMPLE SEGREGATION			Short Name: SAMPLESEG
Plural:	SAMPLE SEGREGATION		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	SUMMARY RETURN VERSION SEGREGATION		

Description:

A subtype of Piece Scale Method Segregation...
Captures segregation details for a sample scale summary scale return

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE segregating one and only one SAMPLE SCALE SUMMARY
MAY BE in error as described by one or more SAMPLE SCL SEG ERROR
* = Relationships in primary unique identifier.

Short Name: SAMSEGSTAT

Annual Growth Rate:

MUST BE segregated by one and only one SPECIES PRODUCT GRADE XREF

Short Name: SAMSPSTAT

Annual Growth Rate:

MUST BE grouped by one and only one SCALE SPECIES CODE

Short Name: SAMSTATS

Init. Volume: Avg. Volume: Max. Volume: Annual Growth Rate:

A supertype of the various statistics calculated for a sample load

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
SAMPLE VOLUME		Y	NUMBER	15,3
The volume of the timber scaled for the purposes of statistical calulations applied at specific grouping levels (i.e. segregation level, species level or grade level)				
VOLUME FRACTION		Y	NUMBER	5,2
The fraction of the volume of the timber scaled applied at specific grouping levels (i.e. segregation level, species level or grade level)				
RATIO		Y	NUMBER	6,5
The weight to volume ratio calculated for the purposes of statistical calulations applied at specific grouping levels (i.e. segregation level, species level or grade level)				

* = Attributes in primary unique identifier.

Each Occurrence Of This Entity:

* MUST BE a statistical snapshot of one and only one SAMPLE SCL SMRY TXN

* = Relationships in primary unique identifier.

SAMPLCALCS	Primary	Y
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MUST BE a statistical snapshot of one and only one SAMPLE SCL SMRY TXN

SAMPLE GRADE STATS
SAMPLE SEGREGATION STATS
SAMPLE SPECIES STATS

Entity Name: SAMPLE TALLY DETAIL			<i>Short Name:</i> SAMTLYDTL	
<i>Plural:</i> SAMPLE TALLY DETAIL				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> LOG DETAIL				

Description:

A subtype of Log
Information pertaining to the scaling of a specific log for a sample scale log tally.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE recorded for one and only one SAMPLE LOG TALLY
MAY BE affected by one or more SAMPLE TALLY DETAIL DEFECT
MAY BE in error as described by one or more SAMPLE TALLY DETAIL ERROR
* = Relationships in primary unique identifier.

Entity Name: SAMPLE TALLY DETAIL DEFECT			<i>Short Name:</i> STDDEFECT	
<i>Plural:</i> SAMPLE TALLY DETAIL DEFECT				
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>
				<i>Annual Growth Rate:</i>
<i>Subtype of:</i> LOG DEFECT				

Description:
Records defect information associated with a specific log recorded on a sample log tally scale document

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MUST BE applied to one and only one SAMPLE TALLY DETAIL
* = Relationships in primary unique identifier.

Entity Name: SAMPLE TALLY DETAIL ERROR		<i>Short Name:</i>	STDTLERR
<i>Plural:</i>	SAMPLE TALLY DETAIL ERROR		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS EDIT ERROR		

Description:

Records errors encountered during edit events for specific log associated with a detail sample scale log tally scale document

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE describing an error for one and only one SAMPLE TALLY DETAIL

* = Relationships in primary unique identifier.

Entity Name:	SAMPLE TALLY DTL SEGREGATION	Short Name:	STDTLSEG
Plural:	SAMPLE TALLY DTL SEGREGATION		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	DETAIL TALLY SEGREGATION		

Description:
Summarizes the sample tally detail log information into their segregations for a sample tally scale document version

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:
*** OBSOLETE ***

Entity Name: SAMPLE TALLY TXN		<i>Short Name:</i>	SMPLTLY
<i>Plural:</i>	SAMPLE TALLY TXN		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	DETAIL RETURN TRANSACTION		

Description:

A subtype of Detail Scale Document Version Txn...
A record of a processing transaction applied against a sample scaled detail scale document version.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE a transaction against one and only one SAMPLE LOG TALLY
MUST BE summarized to generate one and only one SAMPLE SCALE SUMMARY
MAY BE cancelled by one and only one SAMPLE TALLY TXN
MAY BE cancelling one and only one SAMPLE TALLY TXN
* = Relationships in primary unique identifier.

Entity Name: SAMPLE TALLY TXN SEG			<i>Short Name:</i> SLTTXNSEG	
<i>Plural:</i> SAMPLE TALLY TXN SEG				
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>
<i>Annual Growth Rate:</i>				
<i>Subtype of:</i> DETAIL RETURN TXN SEGREGATION				

Description:
*** OBSOLETE ***

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:
*** OBSOLETE ***

Entity Name:	SAMTALLY DETAIL DEFECT ERROR	Short Name:	STDEFERR
Plural:	SAMTALLY DETAIL DEFECT ERROR		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	HBS EDIT ERROR		

Description:
*** OBSOLETE ***

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Entity Name: SCALE ANOMALY LOG			Short Name: SCLANOMLOG
Plural:	SCALE ANOMALY LOG		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

This entity tracks anomalies associated with the acquisition of scale data.

- e.g.
- Scaling event gaps and duplicates
 - Weighing event gaps and duplicates
 - Arrival event gaps and duplicates
 - Arrival / Departure mismatches
 - Weigh slip / Sample mismatches
 - Weigh slip / red tag mismatches

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ANOMALY ID		N	NUMBER	32
A surrogate key uniquely identifying an anomaly log entry				
DOCUMENT EVENT DATE		Y	TIMESTAMP	
The date and time that the anomaly was noted				
ANOMALY GAP COUNT		Y	NUMBER	10
A number representing the number of missing documents prior to the document identifying a gap anomaly				
CLEARED DATETIME		Y	TIMESTAMP	
The date and time that a cleared status was assigned to the anomaly indicating resolution				
USER CLEARED COMMENT		Y	VARCHAR2	240
A text comment area used to describe the clearing of an anomaly				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MUST BE logging anomalies for one and only one WEIGH SLIP
- or MUST BE logging anomalies for one and only one LOG TALLY
- or MUST BE logging anomalies for one and only one SAMPLE LOG TALLY
- or MUST BE logging anomalies for one and only one SPECIAL FOREST PRODUCT TALLY
- or MUST BE logging anomalies for one and only one SCL SITE ARRIVAL LEDGER
- or MUST BE logging anomalies for one and only one SCL SITE DEPARTURE LEDGER
- MUST BE generated by one and only one HBS ANOMALY BATCH EVENT
- MUST BE orginally generated by one and only one HBS ANOMALY BATCH EVENT
- MAY BE cleared by one and only one HBS USER
- MUST BE in a state described by one and only one SCALE ANOMALY STATUS CODE
- MUST BE of a type described by one and only one SCALE ANOMALY TYPE CODE
- MUST BE defined by one and only one SCALE CONTROL TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

ANMLYLOG	Primary	Y
ANOMALY ID		

Entity Name: SCALE ANOMALY STATUS CODE			Short Name: SCLANOMST
Plural:	SCALE ANOMALY STATUS CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

- Identifies the status of an anomaly
- A cleared by an automated process
(i.e. the anomaly was automatically cleared by the subsequent submission of scale data)
- O outstanding
- U cleared by a user
- W warning

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE ANOMALY STATUS CODE		N	VARCHAR2	1
A code used to describe the status of an anomaly.				
DESCRIPTION		N	VARCHAR2	120
A text description of the code used to identify the current state of an anomaly				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE describing the state of one or more SCALE ANOMALY LOG
- * = Relationships in primary unique identifier.

Unique Identifiers:

SCLANOMST	Primary	Y
SCALE ANOMALY STATUS CODE		

Entity Name: SCALE ANOMALY TYPE CODE			Short Name: SCLANOMTYP
Plural:	SCALE ANOMALY TYPE CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Identifies a type of anomaly
D - Duplicate
G - Gap
M- Mismatch
F - Format (non standard load arrival number format)

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE ANOMALY TYPE CODE		N	VARCHAR2	1
A code used to describe the type of an anomaly.				
DESCRIPTION		N	VARCHAR2	120
A text description of the code identifying a type of anomaly				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing the type of one or more SCALE ANOMALY LOG
* = Relationships in primary unique identifier.

Unique Identifiers:

SCLANOMTYP	Primary	Y
SCALE ANOMALY TYPE CODE		

Entity Name: SCALE CONTROL TYPE CODE			Short Name: SCLCTRLTYP
Plural:	SCALE CONTROL TYPE CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

- Identifies a type of scale control audit process that applies to an anomaly:
- A Arrival Sequence Verification
 - S Scaling Sequence Verification
 - W Weighing Sequence Verification
 - X Arrival / Departure Cross Reference
 - Y Weight Slip / Sample Cross Reference
 - Z Weigh Slip / Red Tag Cross Reference

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE CONTROL TYPE CODE		N	VARCHAR2	1
A code used to identify the type of a scale control audit associated wiith an anomal				
DESCRIPTION		N	VARCHAR2	120
A text description of the code used to identify an error category for an edit error				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE describing the control type for one or more ANOMALY ASSESSMENT CONTROL
 - MAY BE describing the control type of one or more HBS ANOMALY BATCH EVENT
 - MAY BE defining one or more SCALE ANOMALY LOG
- * = Relationships in primary unique identifier.

Unique Identifiers:

SCLCTRLTYP	Primary	Y
SCALE CONTROL TYPE CODE		

Entity Name: SCALE EVENT TYPE CODE		Short Name:	SETC
Plural:	SCALE EVENT TYPE CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Identifies an event type for a scale document:
e.g.
B4 scaled before
CS check scale
CU company use
DP departure
FD from site deck
PS primary scale
RS remote sample
RR remote red tag
SS sample
TD to site deck
4R SB4 - rescale

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE EVENT TYPE CODE		N	VARCHAR2	2
A code used to identify the type of a scale event associated with a detail scale document				
DESCRIPTION		N	VARCHAR2	120
A text description of the of the scale event type				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE defines one or more DETAIL SCALE DOCUMENT VERSION
* = Relationships in primary unique identifier.

Unique Identifiers:

SETC	Primary	Y
SCALE EVENT TYPE CODE		

SCALE GRADE CODE

Entity Name: SCALE PRODUCT CODE			<i>Short Name:</i>	SPC
<i>Plural:</i>	SCALE PRODUCT CODE			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

A list of valid scaled product codes.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE PRODUCT CODE		N	VARCHAR2	2
A code used to identify a type of timber product				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to identify a type of timber product				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE defining one or more OVERRIDE RATE
 - MAY BE participating in a one or more RATIO TYPE PRODUCT XREF
 - MAY BE specifies one or more SPECIES PRODUCT GRADE XREF
 - MAY BE restricting products for one or more STRATUM
 - MAY BE restricting products for one or more STRATUM PLAN
 - MAY BE defining one or more WASTE RESIDUE RATE
- * = Relationships in primary unique identifier.

Unique Identifiers:

HBS SP	Primary	Y
SCALE PRODUCT CODE		

Entity Name: SCALE PROG SITE			<i>Short Name:</i>	SPS
<i>Plural:</i> SCALE PROG SITE				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Certifies scaling software programs for use at provincial scale sites.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE SITE ID NMBR		N	VARCHAR2	4
An alphanumeric code used to uniquely identify a scale site.				
* SCALING PROGRAM NO		N	NUMBER	5
A number used to uniquely identify each scaling program.				
* SPV VERSION		N	VARCHAR2	4
A number used to identify a version of a scaling program.				
* REVISION NUMBER		N	VARCHAR2	4
Identifies the revision number or value for a specific scaling program version.				
* = <i>Attributes in primary unique identifier.</i>				

Unique Identifiers:

SPS	<i>Primary</i>	Y
SCALE SITE ID NMBR		
SCALING PROGRAM NO		
SPV VERSION		
REVISION NUMBER		

Entity Name: SCALE RETURN STATE CODE			Short Name: SCLRTNSTAT
Plural:	SCALE RETURN STATE CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Tracks the current status of a summary scale return:
e.g.
CCM Cancel Complete
CIP Cancel In Progress
CWC Cancel With Replace With Changes
CWR Cancel With Replace No Changes
DIS Discarded
OCM Original Complete
OIP Original In Progress
RCC Replace With Changes Complete
RCP Replace With Changes In Progress
RNC Replace No Changes Complete
RNP Replace No Changes In Progress

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE RETURN STATE CODE		N	VARCHAR2	3
A code used to describe the current state of a summary scale return				
DESCRIPTION		N	VARCHAR2	120
A textual description of the current state of a summary scale return				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing the state of one or more DETAIL SCALE DOCUMENT
MAY BE describing the state of one or more HBS SCALE RETURN
* = Relationships in primary unique identifier.

Unique Identifiers:

P2A SRST	Primary	Y
SCALE RETURN STATE CODE		

Entity Name: SCALE SITE			<i>Short Name:</i>	SS
<i>Plural:</i>	SCALE SITE			
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	0	<i>Max. Volume:</i> 0
			<i>Annual Growth Rate:</i>	0%

Description:

The scale site is the geographic location where a scaling operation is situated.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE SITE ID NMBR		N	VARCHAR2	4
An alphanumeric code used to uniquely identify a scale site.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

MAY BE scaling one or more DETAIL SCALE DOCUMENT VERSION

MAY BE submitting one or more DTL DOC BATCH

MAY BE assigned to one or more HBS USER SITE DATA DOMAIN

MAY BE the original scale site for one or more LOG TYPE TALLY

MAY BE submitting based on one or more SCALE SITE PROFILE

MAY BE scaling one or more SUMMARY SCALE RETURN VERSION

* = *Relationships in primary unique identifier.*

Unique Identifiers:

SS	<i>Primary</i>	Y
SCALE SITE ID NMBR		

Entity Name: SCALE SITE ARVL LDGR ERROR		Short Name: SSALGRERR
Plural:	SCALE SITE ARVL LDGR ERROR	
Init. Volume:	Avg. Volume:	Max. Volume: Annual Growth Rate:
Subtype of:	HBS EDIT ERROR	

Description:
Records errors encountered during edit events for arrival ledger detail scale documents

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MUST BE describing an error for one and only one SCL SITE ARRIVAL LEDGER
* = Relationships in primary unique identifier.

Entity Name: SCALE SITE DEP LDGR ERROR			<i>Short Name:</i> SSDLGRERR		
<i>Plural:</i> SCALE SITE DEP LDGR ERROR					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Subtype of:</i> HBS EDIT ERROR		<i>Annual Growth Rate:</i>			

Description:
Records errors encountered during edit events for departure ledger detail scale documents

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MUST BE describing an error for one and only one SCL SITE DEPARTURE LEDGER
* = Relationships in primary unique identifier.

Entity Name: SCALE SITE PROFILE			Short Name:	SSPROF
Plural:	SCALE SITE PROFILE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:
Formerly TRADING PARTNER SUBMITTER
This entity identifies and validates the submitter of a transmission/batch of scale data

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SSPROF ID		N	NUMBER	32
A unique identifier for the submitter of a batch of scale data				
DOC TYPE		N	VARCHAR2	1
Identifies a scale site as being eligible to scale and submit detail and summary type scale documents				
<i>Allowable Values of Attribute</i>				
D	Detail Scale			
S	Summary Scale			
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE defined for a return type by one and only one HBS RETURN TYPE CODE
MUST BE identifies allowable submissions for one and only one SCALE SITE
* = Relationships in primary unique identifier.

Unique Identifiers:

TPS	Primary	Y
SSPROF ID		

Entity Name:	SCALE SP PR GR	Short Name:	SSPG
Plural:	SCALE SP PR GR		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

*** OBSOLETE ***

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PID		N	NUMBER	
*** OBSOLETE				
dummy column to satisfy "missing primary identifier" standard				
* = Attributes in primary unique identifier.				

Unique Identifiers:

SSPG	Primary	Y
PID		

Entity Name: SCALE SPECIES CODE			Short Name:	SSC
Plural:	SCALE SPECIES CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:
A list of valid scaled species codes.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE SPECIES CODE		N	VARCHAR2	2
A code used to identify a type of tree species				
DESCRIPTION		N	VARCHAR2	120
A text description of a code used to identify a type of tree species				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE defining one or more OVERRIDE RATE

MAY BE grouping one or more POPULATION SPECIES STATS

MAY BE identified as the first major species in one or more SAMPLE CATEGORIZATION

MAY BE identified as the predominant species in one or more SAMPLE CATEGORIZATION

MAY BE identified as the second major species in one or more SAMPLE CATEGORIZATION

MAY BE grouping one or more SAMPLE SPECIES STATS

MAY BE specifies one or more SPECIES PRODUCT GRADE XREF

MAY BE grouping one or more STRATUM SPECIES STATS

MAY BE defining one or more WASTE RESIDUE RATE

* = Relationships in primary unique identifier.

Unique Identifiers:

HBS SS	Primary	Y
SCALE SPECIES CODE		

Entity Name: SCALER			Short Name:	SCA
Plural:	SCALER			
Init. Volume:	0	Avg. Volume:	0	Max. Volume: 0
			Annual Growth Rate:	0%

Description:

The Scaler is a person who is a Ministry of Forests client and is qualified to perform various types of quantification measurements on forest products. Typically he/she might perform a scale of logs.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALER LICENCE NO		N	VARCHAR2	4
A number used to uniquely identify each scaler who is registered with the Ministry.				
CLIENT NUMBER		N	VARCHAR2	8
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE the secondary scaler for one or more DETAIL SCALE DOC VERSION PROCESSABLE
 - MAY BE the signing scaler for one or more DETAIL SCALE DOC VERSION PROCESSABLE
 - MAY BE the primary scaler for one or more DETAIL SCALE DOC VERSION SUBTYPE
 - MUST BE identified as one and only one FOREST CLIENT
 - MAY BE assigned one or more HBS SCALER AUTH KEY
 - MAY BE identified as the original scaler one or more PIECE SCALED TALLY
 - MAY BE the scaler of one or more SUMMARY SCALE RETURN VERSION
- * = Relationships in primary unique identifier.

Unique Identifiers:

SCLR_UK	Primary	N
CLIENT NUMBER		
SCLR_PK	Primary	Y
SCALER LICENCE NO		

Entity Name: SCALING HISTORY			Short Name:	SH
Plural:	SCALING HISTORY			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

This is the table used to store volume and value data for a Mark at a specific scale site. The volumes are summary data, retained by Species, product, grade, scaling period, and billing type. It exists for performance reasons to support the various queries and reports.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TIMBER MARK		N	VARCHAR2	6
Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.				
* SCALE SITE		N	VARCHAR2	4
An alphanumeric code used to uniquely identify a scale site.				
* SCALING PERIOD		N	DATE	
This field is represents the last day of the month in which volume was scaled				
* SCALE SPECIES CODE		N	VARCHAR2	2
A code that identifies the species of log being scaled.				
* SCALE PRODUCT CODE		N	VARCHAR2	2
This code identifies the type of forest product being scaled. It is blank for logs.				
* SCALE GRADE CODE		N	VARCHAR2	1
A code assigned to each log to indicate the overall quality, which infers a certain value.				
* BILLING TYPE CODE		N	VARCHAR2	2
This is a code used to differentiate between various types of billed volumes. Examples being regular harvest volume, waste volume, trespass volume, and overcut volume.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

SH	Primary	Y
TIMBER MARK		
SCALE SITE		
SCALING PERIOD		
SCALE SPECIES CODE		
SCALE GRADE CODE		
SCALE PRODUCT CODE		
BILLING TYPE CODE		

Entity Name: SCL PG REVISION			<i>Short Name:</i>	SPR
<i>Plural:</i> SCL PG REVISION				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Contains revision specific details for each scaling program version.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALING PROGRAM NO		N	NUMBER	5
A number used to uniquely identify each scaling program.				
* VERSION		N	VARCHAR2	4
Identifies the version number or value for a specific scaling program.				
* REVISION NUMBER		N	VARCHAR2	4
Identifies the revision number or value for a specific scaling program version.				
* = <i>Attributes in primary unique identifier.</i>				

Unique Identifiers:

SPR	<i>Primary</i>	Y
SCALING PROGRAM NO		
VERSION		
REVISION NUMBER		

Entity Name: SCL PRG VERSION			<i>Short Name:</i>	SPV
<i>Plural:</i>		SCL PRG VERSION		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Contains version specific details for a scaling program.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALING PROGRAM NO		N	NUMBER	5
A number used to uniquely identify each scaling program.				
* VERSION		N	VARCHAR2	4
Identifies the version number or value for a specific scaling program.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

SPV	Primary	Y
SCALING PROGRAM NO		
VERSION		

Entity Name: SCL RTN CATEGORY CODE		Short Name:	SRCATCD
Plural:	SCL RTN CATEGORY CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Provides a means to categorize scale returns:
eg.
WA Waste
BC Beachcomb
FI Field scale
PR Primary scale
CH Check scale
FB Final Bill
NB Nil Bill

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCL RTN CATEGORY CODE		N	VARCHAR2	2
A code used to identify the format type of a summary scale return				
DESCRIPTION		N	VARCHAR2	120
A textual description of the code used to identify the format type of a summary scale return				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE defines one or more SUMMARY SCALE RETURN VERSION
* = Relationships in primary unique identifier.

Unique Identifiers:

P2A PSFTC	Primary	Y
SCL RTN CATEGORY CODE		

Entity Name: SCL RTN VERSION STATE CODE			<i>Short Name:</i> SRVERSTATE		
<i>Plural:</i> SCL RTN VERSION STATE CODE					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Annual Growth Rate:</i>					

Description:

Tracks the current status of a summary scale return version:
eg.
ACC Accepted
AWP Awaiting Approval
CAN Cancelled
CRD Cancel Requested
DEL Discarded - Deleted
DSF Awaiting Digital Signature Validation
ERR In Error
FAL Reconcile Failed
HLD Held
INC Incomplete
LCK Locked
OIV Invoiced - On An Invoice
PND Correction Pending
RDY Ready
RRD Replacement Requested

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCL RTN VERSION STATE CODE		N	VARCHAR2	3
A code used to describe the current state of a summary scale return version				
DESCRIPTION		N	VARCHAR2	120
A textual description of the current state of a summary scale return version				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE describing the state of one or more DETAIL SCALE DOCUMENT VERSION
MAY BE describing the state of one or more SUMMARY SCALE RETURN VERSION
* = Relationships in primary unique identifier.

Unique Identifiers:

P2A SRSC	Primary	Y
SCL RTN VERSION STATE CODE		

Entity Name: SCL SITE ARRIVAL LEDGER**Short Name:** ARRLDGR**Plural:** SCL SITE ARRIVAL LEDGER**Init. Volume:** **Avg. Volume:** **Max. Volume:** **Annual Growth Rate:****Subtype of:** DETAIL SCALE DOC VERSION SUBTYPE**Description:**

A subtype of Detail Scale Document Version...

Tracks information, captured by alternate means (e.g. hand written ledger), pertaining to the arrival of a truck at a scale site.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
CUT BLOCK ID		Y	VARCHAR2	10
Identifies the cut block where the timber scaled on a detail scale return was harvested.				
<i>This data item cannot be validated with RI at this time as there is no standard set Cut blocks currently in use by both Industry and the Ministry</i>				
SCALE DATE		Y	DATE	
The date (and time for weigh slips) upon which a load of timber was scaled				
RETURN NUMBER		Y	NUMBER	4
A unique number (in conjunction with the scaler's licence number and date), and is assigned to a parcel of timber by a scaler. The scaler assigns #0001 to the first parcel scaled each year and continues consecutively through to 9999. If the scaler scales more than 9999 parcels of timber in a year they then restart with 0001. The dates will then determine the uniqueness of the number.				
QUANT LIC TYPE CD		Y	VARCHAR2	1
Obsolete column				
ARRIVAL DATE		Y	DATE	
The date the load arrived at the scale site				
LOAD ARRIVAL NUMBER		Y	VARCHAR2	10
A sequential number assigned to truck loads of timber coming into a scale site. The load arrival number becomes part of the parcel identification.				
PARCEL COUNT		Y	NUMBER	1
The number of parcels that a load was split into				
<i>This is a small number rarely greater than 3</i>				
PARCEL IDENTIFIER		Y	NUMBER	1
Identifies a specific parcel for a load that was split into parcels (i.e. "parcel x of y total parcels)				
FIELD SCALE IND		Y	VARCHAR2	1
Flags the scale return as having been previously billed on a field scale.				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
ARRIVAL LEDGER WEIGH SLIP		Y	VARCHAR2	10
A weigh slip number used to identify a weigh scaled load				
INPUT CUTBLOCK ID		Y	VARCHAR2	10
An input text string used to identify the cut block where the timber scaled on a detail scale return was harvested. If valid it will be moved to the cut block id with RI				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "cut block id" relationship</i>				
ORIG SCALE SITE		Y	VARCHAR2	4
The scale site identifier of the site the load departed from				
* = Attributes in primary unique identifier.				

Relationships:

Entity Name:	SCL SITE ARRIVAL LEDGER (cont'd)	<i>Short Name:</i>	ARRLDGR
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Each Occurrence Of This Entity:

MAY BE identified as amomalous by one or more SCALE ANOMALY LOG
MAY BE in error as described by one or more SCALE SITE ARVL LDGR ERROR
* = *Relationships in primary unique identifier.*

Notes:

The trucks arriving at a scale site will mainly be transporting timber, but there may be occasions to ledger the arrivals of other items (e.g. gravel trucks) to track and maintain load description slip sequences.

Boom arrivals are not ledgered.

Entity Name: SCL SITE DEPARTURE LEDGER		Short Name:	DEPLDGR
Plural:	SCL SITE DEPARTURE LEDGER		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	DETAIL SCALE DOCUMENT VERSION		

Description:

Tracks information pertaining to the departure of a truck load of timber from a scale site.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
LOAD DEPARTURE NUMBER		N	VARCHAR2	10
A sequential identifier used to number a departure line item within a scale site's ledger.				
Each scale site may have there own numbering scheme for identifying a line item in there departure ledgers.				
DEPARTURE DATE		N	DATE	
The date that the departure occurred				
DESTINATION		Y	VARCHAR2	4
The destination of the departing truck load of timber.				
OUTGOING LDS NUMBER		N	VARCHAR2	10
The load description slip of the departing truckload of timber.				
OUTGOING TRANSPORT ID		N	VARCHAR2	16
The transport identifier of the departing truckload of timber.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE identified as amomalous by one or more SCALE ANOMALY LOG
- MAY BE in error as described by one or more SCALE SITE DEP LDGR ERROR
- * = Relationships in primary unique identifier.

Notes:

Boom departures are not ledgered.

Entity Name: SFP TALLY DETAIL			Short Name: SFPTLYDTL	
Plural: SFP TALLY DETAIL				
Init. Volume:		Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Captures information about the scaling of a unit of a special forest product (i.e. log-like products, products that are measured in a stack, or a piece bundle which is used to capture a piece count as is done for christmas trees)

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SEGDTL ID		N	NUMBER	32
SEGREGATION NUMBER		N	NUMBER	4
A sequential identifier for each instance, with the scale document, of a special forest product being scaled				
INPUT BCOMB TIMBER MARK		Y	VARCHAR2	6
An input text string capturing all or partial timber mark identifier on a beachcombed special forest product				
NET VOLUME		N	NUMBER	15,3
INPUT SPECIES		Y	VARCHAR2	2
INPUT PRODUCT		Y	VARCHAR2	2
INPUT GRADE		Y	VARCHAR2	1
NMV IND		N	VARCHAR2	1
A flag indicating that there was no Timber Mark visibly stamped on a special forest product				
ENTRY USERID		N	VARCHAR2	30
ENTRY TIMESTAMP		N	TIMESTAMP	
UPDATE USERID		Y	VARCHAR2	30
UPDATE TIMESTAMP		Y	TIMESTAMP	

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- MAY BE in error as described by one or more SFP TALLY DETAIL ERROR
- MUST BE recorded for one and only one SPECIAL FOREST PRODUCT TALLY
- MAY BE validated as a segregation by one and only one SPECIES PRODUCT GRADE XREF
- MAY BE identifying a beachcombed log as originating from one and only one TIMBER MARK

* = Relationships in primary unique identifier.

Unique Identifiers:

SFPTLYDTL	Primary	Y
SEGDTL ID		

Notes:

Following transformation to the physical model, the primary key column, for this entities corresponding table, should be renamed SegDtl_Ind. This reflects the reduced granularity of a collection of special forest product data.

Entity Name: SFP TALLY DETAIL ERROR		Short Name:	SFPTDERR
Plural:	SFP TALLY DETAIL ERROR		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	HBS EDIT ERROR		

Description:

Records errors encountered during edit events for specific log associated with a detail peice scale special forest product tally scale document

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE describing an error for one and only one SFP TALLY DETAIL

* = Relationships in primary unique identifier.

Notes:

Following transformation to the physical model, rename the foreign key column LOGDTL_ID to SEGDTL_ID to reflect the corresponding change to the parent table

Entity Name: SFP TALLY ERROR			<i>Short Name:</i> SFPTLYERR	
<i>Plural:</i> SFP TALLY ERROR				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> HBS EDIT ERROR				

Description:
Records errors encountered during edit events for detail peice scaled special forest product log tally scale documents

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MUST BE describing an error for one and only one SPECIAL FOREST PRODUCT TALLY
* = Relationships in primary unique identifier.

Entity Name: SFP TALLY SEGREGATION		<i>Short Name:</i>	SFPSEG
<i>Plural:</i>	SFP TALLY SEGREGATION		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	DTL SCL DOC TALLY SEGREGATION		

Description:

Summarizes the special forest product detail information into their segregations for a scale document version

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Entity Name: SFP TALLY TXN			<i>Short Name:</i> SFPTLTTXN	
<i>Plural:</i> SFP TALLY TXN				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> DETAIL RETURN BILLABLE TXN				

Description:

A subtype of Detail Scale Document Version Txn...

A record of processing a transaction applied against a special forest product detail scale document version.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE summarized to generate one and only one PIECE SCALE SUMMARY

MAY BE cancelled by one and only one SFP TALLY TXN

MAY BE cancelling one and only one SFP TALLY TXN

MAY BE segregated by one or more SFP TALLY TXN SEG

MUST BE a transaction against one and only one SPECIAL FOREST PRODUCT TALLY

* = Relationships in primary unique identifier.

Entity Name: SFP TALLY TXN SEG			<i>Short Name:</i> SFPTXNSEG	
<i>Plural:</i> SFP TALLY TXN SEG				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> DETAIL RETURN TXN SEGREGATION				

Description:

A summarization of the volume for all logs of the same segregation for a specail forest product detail scale return document version transaction.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE prorated as a portion of one and only one PIECE SCL TXN SEGREGATION

MUST BE listing segregations for one and only one SFP TALLY TXN

* = Relationships in primary unique identifier.

Entity Name: SPECIAL FOREST PRODUCT TALLY**Short Name:**

SFPTLY

Plural: SPECIAL FOREST PRODUCT TALLY**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Subtype of:** PIECE SCALED TALLY**Description:**

A subtype of Piece Scaled Log Tally...

Captures source data for a version of a special forest product log tally detail scale document

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
SEGREGATION COUNT		N NUMBER	4
The number of segregations scaled on the special forest product tally detail scale document			
CUT BLOCK ID		Y VARCHAR2	10
Identifies the cut block where the timber scaled on a detail scale return was harvested.			
<i>This data item cannot be validated with RI at this time as there is no standard set Cut blocks currently in use by both Industry and the Ministry</i>			
BEACHCOMB IND		Y VARCHAR2	1
An indicator identifying a log tally as being scaled for a beachcomb salvage operation.			
FIELD SCALE IND		Y VARCHAR2	1
Flags the scale return as having been previously billed on a field scale.			
PARCEL COUNT		Y NUMBER	1
The number of parcels that a single load of logs was divided into.			
PARCEL IDENTIFIER		Y NUMBER	1
A sequential count of parcels within a parcel identifier (i.e. 1 of x, 2 of x, etc...)			
INPUT CUT BLOCK ID		Y CHAR	10
An input text string used to identify the cut block where the timber scaled on a detail scale return was harvested. If valid it will be moved to the cut block id with RI			
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "cut block id" relationship</i>			

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MUST BE described by one and only one HBS SFP SCALE TYPE CODE

MAY BE identified as anomalous by one or more SCALE ANOMALY LOG

MAY BE recording one or more SFP TALLY DETAIL

MAY BE in error as described by one or more SFP TALLY ERROR

MAY BE processed as one or more SFP TALLY TXN

MAY BE a check scale referencing one and only one SPECIAL FOREST PRODUCT TALLY

MAY BE the original document being check scale one and only one SPECIAL FOREST PRODUCT TALLY

* = Relationships in primary unique identifier.

Entity Name: SPECIES PRODUCT GRADE XREF			Short Name:	SSPGXREF
Plural:	SPECIES PRODUCT GRADE XREF			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A table of valid species product grade combinations.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
UPDATE TIMESTAMP		N	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE defining logs for one or more DETAIL RETURN TXN SEGREGATION

MAY BE describing a segregation type for a one or more HBS DISTRICT DEFAULT RATE

MAY BE validating segregations for one or more LOG DETAIL

MAY BE specifying the segregation of one or more POPULATION SEGREGATION STATS

MAY BE specifying the segregation of one or more SAMPLE SEGREGATION STATS

* MUST BE refers to one and only one SCALE GRADE CODE

* MUST BE refers to one and only one SCALE PRODUCT CODE

* MUST BE refers to one and only one SCALE SPECIES CODE

MAY BE validating segregations for one or more SFP TALLY DETAIL

MAY BE defining a segregation for one or more STAND RATE ELIGIBILITY

MAY BE specifying the segregation of one or more STRATUM PLAN COMPOSITION

MAY BE specifying the segregation of one or more STRATUM SEGREGATION STATS

MAY BE defining one or more SUMMARY RETURN TXN SEGREGATION

MAY BE defining one or more SUMMARY RETURN VERSION SEGREGATION

* = Relationships in primary unique identifier.

Unique Identifiers:

HBS SSPG	Primary	Y
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MUST BE refers to one and only one SCALE SPECIES CODE

MUST BE refers to one and only one SCALE PRODUCT CODE

MUST BE refers to one and only one SCALE GRADE CODE

Entity Name: SRTS NOTIFICATION			<i>Short Name:</i> SRTSNTFCTN		
<i>Plural:</i> SRTS NOTIFICATION					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
			<i>Annual Growth Rate:</i>		

Description:

This entity records the action of notifying the SRTS system that a new or corrected summary scale return version has been inserted into HBS.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SRTS NOTIFICATION ID		N	NUMBER	32
*** OBSOLETE ***				
* = <i>Attributes in primary unique identifier.</i>				

Unique Identifiers:

SRTSNT	<i>Primary</i>	Y
SRTS NOTIFICATION ID		

Notes:

*** OBSOLETE ***

- Subtypes:*
- PIECE SCL SRTS NOTIFICATION
 - SAMPLE SCL SRTS NOTIFICATION
 - WEIGHT SCL SRTS NOTIFICATION

Entity Name: SRTS NOTIFICATION BATCH			<i>Short Name:</i> SRTSNOTBAT		
<i>Plural:</i> SRTS NOTIFICATION BATCH					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Subtype of:</i> HBS BATCH		<i>Annual Growth Rate:</i>			

Description:
*** OBSOLETE ***

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:
*** OBSOLETE ***

Entity Name: SRTS TRANSMISSIONS		<i>Short Name:</i>	STT
<i>Plural:</i>	SRTS TRANSMISSIONS		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS TRANSMISSION		

Description:

This entity captures information regarding the physical transmission of a batch of SRTS notifications to the SRTS system.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Entity Name: ST TALLY			<i>Short Name:</i> ST	
<i>Plural:</i> ST TALLY				
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>
<i>Annual Growth Rate:</i>				

Description:
*** OBSOLETE ***

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TALLY SKEY		N	NUMBER	10
*** OBSOLETE ***				
* = Attributes in primary unique identifier.				

Unique Identifiers:

ST	Primary	Y
TALLY SKEY		

Entity Name: STAND RATE ELIGIBILITY			<i>Short Name:</i>	STRAEL
<i>Plural:</i>	STAND RATE ELIGIBILITY			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Used to determine stand rated eligibilty, for rating purposes, for species/grade combinations

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* EFFECTIVE DATE		N	DATE	
The date at which a stand rate eligibilty entry becomes effective and available for use				
EXPIRY DATE		N	DATE	
The date at which a stand rate eligibility entry expires and is no longer effective or available for use				
UPDATE TIMESTAMP		N	DATE	
The date and time of the last update to a stand rate eligibility entry (includes the insert date)				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE defined by one and only one SPECIES PRODUCT GRADE XREF
- * MUST BE defined by one and only one STAND RATE ELIGIBILITY CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

STRAEL	Primary	Y
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MUST BE defined by one and only one SPECIES PRODUCT GRADE XREF

MUST BE defined by one and only one STAND RATE ELIGIBILITY CODE

EFFECTIVE DATE

Entity Name: STAND RATE ELIGIBILITY CODE			Short Name:	SREC
<i>Plural:</i> STAND RATE ELIGIBILITY CODE				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Provides a valid list of codes used to define the level of stand rate eligibilty for a segregation.

e.g.

A - All Logs

S - Saw Logs

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STAND RATE ELIGIBILITY CODE		N	VARCHAR2	1
A code defining the level of stand rate eligibility for a segregation				
<i>code</i>	<i>desc</i>	<i>effective</i>	<i>expiry</i>	<i>notes</i>
-----	-----	-----	-----	-----
A	All Logs	2009-07-01	2999-12-31	Not effective till policy implementation.
N	Not Eligible	1989-01-01	2999-12-31	Effective retroactively to support old policy.
S	Saw Logs	1989-01-01	2999-12-31	Effective retroactively to support old policy.
DESCRIPTION		N	VARCHAR2	120
Descriptive text describing a Stand Rate Eligibilty code value				
EFFECTIVE DATE		N	DATE	
The date a stand rate eligibility code became effective				
EXPIRY DATE		N	DATE	
The date a stand rate eligibility code expires				
UPDATE TIMESTAMP		N	TIMESTAMP	
A timestamp recording the data and time of any changes to a stand rate eligibility code value				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE defining one or more STAND RATE ELIGIBILITY

* = Relationships in primary unique identifier.

Unique Identifiers:

SREC	Primary	Y
STAND RATE ELIGIBILITY CODE		

Entity Name: STRATUM**Short Name:** STRATUM**Plural:** STRATUM**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Units of a population with similar characteristic (i.e. a group of trees with similar volume-mass ration) are grouped together in groupings called strata (stratum in the singular)

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STRATUM NUMBER		N	VARCHAR2	2
A unique identifier for a stratum within a population/sampling year				
STRATUM NAME		N	VARCHAR2	20
A descriptive name given to a stratum, often describes the composition of the timber found within a stratum				
TOTAL TRANSACTIONS		N	NUMBER	5
a count of sample scale transactions attributed to the stratum				
SAMPLE LOADS		N	NUMBER	5
A count of loads that have been sampled for this sample				
BILLED LOADS		N	NUMBER	5
a count of weigh scale loads that have been billed against a stratum				
SAMPLING FREQUENCY		N	NUMBER	
Descrines the frequency at which loads are to be sampled (i.e 1 load in x, where x is the sampling frequency)				
SAMPLE LOAD SIZE		N	NUMBER	7,3
The average size of a sampled load				
SAMPLE STANDARD DEVIATION		N	NUMBER	6,2
An estimated measure of how many ratios within a stratum vary from sample load to sample laoda (volume in cubic meters to 3 decimal places).				
SAMPLE VOLUME		N	NUMBER	10,3
The total volume of loads sampled for a stratum				
BILLED VOLUME		N	NUMBER	10,3
The total volume of weigh scaled loads billed against a stratum				
SAMPLE WEIGHT		N	NUMBER	12
The total weight of all loads sampled for a stratum				
AVERAGE SAMPLE WEIGHT		N	NUMBER	12
The average weight of the sampled loads for a stratum				
BILLED WEIGHT		N	NUMBER	12
The total weight of all weigh scaled loads billed against a stratum				
AVERAGE TOTAL WEIGHT		N	NUMBER	12
The average total weight of a weight scaled loads scaled for a stratum				
RATIO		N	NUMBER	6,5
The total wieght to volume ratio for a stratum				
STRATUM VARIANCE		N	NUMBER	
The variance (square of the standard deviation) of the stratum total volume				
DEGREES OF FREEDOM		N	NUMBER	5
A statistical constraint (function of the number of samples and the number of loads)				
PRECISION		N	NUMBER	5,2
The precision of the stratum total volume as a percentage (e.g. within plus or minus n.nn%)				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	

Entity Name:	STRATUM (cont'd)	<i>Short Name:</i>	STRATUM
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The date after which the code is no longer available for use.			
ENTRY USERID	N	VARCHAR2	30
Identifes the HBS user that created a record			
ENTRY TIMESTAMP	N	TIMESTAMP	
The date and time that a record was created			
UPDATE USERID	Y	VARCHAR2	30
Identifes the HBS user that last updated a record			
UPDATE TIMESTAMP	Y	TIMESTAMP	
The date and time of the last update to a record			
* = <i>Attributes in primary unique identifier.</i>			

Relationships:

Each Occurrence Of This Entity:

- MUST BE owned by one and only one CLIENT LOCATION
- MAY BE participating in one or more DROPOUT MARK LATEST RATIO
- MUST BE assinged one and only one GRADE SCHEDULE CODE
- MAY BE recording as current one and only one HBS RATIO STATEMENT
- * MUST BE within one and only one POPULATION
- MAY BE recorded on one or more SAMPLE LOG TALLY
- MAY BE recorded on one or more SAMPLE SCALE SUMMARY
- MUST BE restricted to scale one and only one SCALE PRODUCT CODE
- MUST BE active for one and only one STRATUM PLAN
- MAY BE collecting stats as one or more STRATUM STATISTICAL DATA
- MAY BE recorded on one or more WEIGH SLIP
- MAY BE recorded on one or more WEIGHT SCALE SUMMARY
- MAY BE recording one or more YTD CYCLIC BILLING
- * = *Relationships in primary unique identifier.*

Unique Identifiers:

STRATUM	Primary	Y
<i>MUST BE within one and only one POPULATION</i>		
STRATUM NUMBER		

Short Name: STRGRDSTAT

Annual Growth Rate:

MUST BE grouped by one and only one SCALE GRADE CODE

Entity Name: STRATUM PLAN**Short Name:** STRATPLAN**Plural:** STRATUM PLAN**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

This entity records a sample plan administrators attempts (or "what if" scenarios) to create an acceptable sampling plan. All attempts to create a plan are captured, only one will be accepted and be used as the basis for a 'stratum'

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* STRATUM PLAN ID		N	NUMBER	32
A surrogate key uniquely identifying a plan for a stratum				
STRATUM NUMBER		N	VARCHAR2	2
A number identifying a stratum with a population for a sampling year				
STRATUM NAME		N	VARCHAR2	20
A unique name assigned to the stratum usually describing stratum makeup				
SAMPLE COUNT CONSTRAINT		N	NUMBER	6
This attribute captures the stratum frequency constraint required to to achieve a greater/lesser precision level for a stratum plan.				
This attribute value is controlled by the user when the Population_Plan.Current_Constraint_Type is Frequency.				
When the Population_Plan.Current_Constraint_Type is Precision then this attributes value becomes a function of the precision constraint entered by the user.				
<i>refer to Appendix 9 of the scaling manual for detailed information about this data item</i>				
PRECISION CONSTRAINT		N	NUMBER	5,2
This attribute captures the stratum precision constraint required to to achieve a greater/lesser number of samples in a stratum plan.				
This attribute value is controlled by the user when the Population_Plan.Current_Constraint_Type is Precision.				
When the Population_Plan.Current_Constraint_Type is Frequency then this attributes value becomes a function of the frequency constraint entered by the user.				
<i>refer to Appendix 9 of the scaling manual for detailed information about this data item</i>				
ESTIMATED VOLUME		N	NUMBER	15,3
The estimated total volume for a stratum				
ESTIMATED LOADS		N	NUMBER	6
Estimated number of loads for a stratum.				
<i>refer to Appendix 9 of the scaling manual for detailed information about this data item</i>				
ESTIMATED LOAD SIZE		N	NUMBER	7,3
Estimated average load volume for a stratum (volume in cubic meters to 3 decimal places).				
<i>refer to Appendix 9 of the scaling manual for detailed information about this data item</i>				
ESTIMATED STANDARD DEVIATION		N	NUMBER	6,2
An estimated measure of how many ratios within a stratum vary from truck to truck (volume in cubic meters to 3 decimal places).				
<i>refer to Appendix 9 of the scaling manual for detailed information about this data item</i>				
OPTIMUM SAMPLE CALC		N	NUMBER	4
The optimum number of samples based on the estimates				
OPTIMUM PRECISION CALC		N	NUMBER	5,2
The optimum precision based on the estimates				
OPTIMUM FREQUENCY CALC		N	NUMBER	4
The optimum sampling frequency based on the estimates				

Entity Name: STRATUM PLAN (cont'd)		Short Name:	STRATPLAN
TARGET SAMPLE CALC	N NUMBER	4	
The target number of samples based on the estimates and constraints			
TARGET PRECISION CALC	N NUMBER	5,2	
The target precision based on the estimates and constraints			
TARGET FREQUENCY CALC	N NUMBER	4	
The target sampling frequency based on the estimates and constraints			
STRATUM DESC	Y VARCHAR2	240	
A text description of the timber that comprises a stratum			
TIMBER SOURCE DESC	Y VARCHAR2	240	
A verbose description of the composition of the stratum			
SPECIES GRADE PROFILE DESC	Y VARCHAR2	240	
A text description of the expected species grade composition for a stratum			
ACCEPTED STRATUM PLAN IND	N VARCHAR2	1	
Identifies a stratum plan as being accepted for production use			
EFFECTIVE DATE	N DATE		
The date the code becomes effective.			
EXPIRY DATE	N DATE		
The date after which the code is no longer available for use.			
ENTRY USERID	N VARCHAR2	30	
The USERID of the individual who entered the information.			
ENTRY TIMESTAMP	N DATE		
The date and time on which the record was created.			
UPDATE USERID	Y VARCHAR2	30	
The USERID of the individual who last updated the information.			
UPDATE TIMESTAMP	Y DATE		
The date and time the record was last modified.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

- MUST BE owned by one and only one CLIENT LOCATION
 - MUST BE assigned one and only one GRADE SCHEDULE CODE
 - MAY BE providing default ratios for one and only one HBS RATIO STATEMENT
 - MUST BE a component of one and only one SAMPLE PLAN
 - MUST BE restricted to one and only one SCALE PRODUCT CODE
 - MAY BE based on one and only one STRATUM
 - MAY BE expecting one or more STRATUM PLAN COMPOSITION
- * = Relationships in primary unique identifier.

Unique Identifiers:

PLANSTRAT	Primary	Y
STRATUM PLAN ID		

Entity Name: STRATUM PLAN COMPOSITION			Short Name: STRPLNCOMP
Plural:	STRATUM PLAN COMPOSITION		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Describes the proportion of the stratum composition that is attributable to a segregation

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
DEFAULT RATIO		N	NUMBER	6,5
The estimated ratio attributable to a segregation. This ratio will also be used as a default in the situation where no samples have been taken at the time of billing a weight scale summary for the stratum				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	DATE	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	DATE	
The date and time the record was last modified.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- * MUST BE segregated by one and only one SPECIES PRODUCT GRADE XREF
- * MUST BE expected for one and only one STRATUM PLAN

* = Relationships in primary unique identifier.

Unique Identifiers:

PSTRATCOMP	Primary	Y
MUST BE expected for one and only one STRATUM PLAN		
MUST BE segregated by one and only one SPECIES PRODUCT GRADE XREF		

Short Name: STRSEGSTAT

Annual Growth Rate:

MUST BE segregated by one and only one SPECIES PRODUCT GRADE XREF

Short Name: STRSPCSTAT

Annual Growth Rate:

MUST BE grouped by one and only one SCALE SPECIES CODE

Entity Name: STRATUM STATISTICAL DATA**Short Name:** STRATSTATS**Plural:** STRATUM STATISTICAL DATA**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

A supertype, providing common attributes, for the various statistics calculated for a stratum

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
SAMPLE LOADS		Y	NUMBER	5
The number of loads sampled, at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the number of loads sampled in a population that contained a specific grade				
the number of loads sampled in a stratum that contained a specific segregation				
etc...				
SAMPLE VOLUME		Y	NUMBER	15,3
The total volume sampled, at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the total volume sampled for a specific grade within a population				
the total volume sampled for a specific segregation within a stratum				
etc...				
VOLUME FRACTION		Y	NUMBER	5,2
The volume fraction (%), at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the volume fraction for a specific species for all sample loads within a population				
the volume fraction for a specific segregation for all sample loads within a population				
etc...				
RATIO		Y	NUMBER	6,5
The ratio (m3/tonne), at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the ratio for a specific species for all sample loads within a population				
the ratio for a specific segregation for all sample loads within a population				
etc...				
BILLED VOLUME		Y	NUMBER	15,3
The volume billed (m3), at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the volume estimate for a specific species for all billed loads within a population				
the volume estimate for a specific segregation for all billed loads within a population				
etc...				
VARIANCE		Y	NUMBER	
The variance (square of the standard deviation) of the total volume at the various levels of stats calculations being captured by this entity's subtypes.				
eg.				
the variance of the volume estimate of a species in all billed loads for a population				
the variance of the volume estimate of a segregation in all billed loads for a population				
etc...				
refer to Appendix 9 of the scaling manual for detailed information about this data item				

Entity Name:	STRATUM STATISTICAL DATA (cont'd)	<i>Short Name:</i>	STRATSTATS
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PRECISION

Y NUMBER

5,2

The precision of the population total volume as a percentage (e.g. within plus or minus n.nn%), at the various levels of stats calculations being captured by this entity's subtypes.

eg.
the precision of the volume estimate of a species in all billed loads for a population
the precision of the volume estimate of a segregation in all billed loads for a population
etc...
refer to Appendix 9 of the scaling manual for detailed information about this data item

** = Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

* MUST BE recording stats for one and only one STRATUM

** = Relationships in primary unique identifier.*

Unique Identifiers:

STRATCALCS

Primary Y

MUST BE recording stats for one and only one STRATUM

Subtypes:

- STRATUM GRADE STATS
- STRATUM SEGREGATION STATS
- STRATUM SPECIES STATS

Entity Name: SUMMARY RETURN NOTATION			<i>Short Name:</i> SMRYRETNTN		
<i>Plural:</i> SUMMARY RETURN NOTATION					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Annual Growth Rate:</i>					

Description:

Captures textual comments about a summary scale return version

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* NTN ID		N	NUMBER	32
A generated unique identifier for the a summary scale return notation				
NOTATION NUMBER		N	NUMBER	2
The sequence in which the notations were generated				
TEXT		N	VARCHAR2	80
Captures the text of the notation				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE defined by one and only one NOTATION TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

NTN ID	Primary	Y
NTN ID		

Subtypes:

PIECE SCL NOTATION

SAMPLE SCL NOTATION

WEIGHT SCALE NOTATION

Entity Name: SUMMARY RETURN TRANSACTION			<i>Short Name:</i> SMRYRETXN	
<i>Plural:</i> SUMMARY RETURN TRANSACTION				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Captures derived scale return data generated during the processing of a scale return version

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TRX ID		N	NUMBER	32
A generated unique identifier for the a summary scale return transaction				
EVENT SEQUENCE		N	NUMBER	2
This is the sequence, repeating for each summary scale return version, that identifies the sequence of events for which transactions have been applied to a summary scale return version.				
e.g,				
transaction sequences for a return can be...				
1 original				
2 cancelled				
3 replaced				
(this is the case where the return is cancelled and replaced at a later date resulting from 3 seperate user requests or cancelled and replaced with changes resulting from a single user request)				
or				
1 original				
2 cancelled				
2 replaced				
(this is the case where the return is cancelled and replaced without changes resulting from a single user request)				
DEBIT CREDIT TYPE		N	VARCHAR2	2
Indicates if a transaction results in a debit (+) or credit (-) movement				
COMMENT		Y	VARCHAR2	240
A text comment for a transaction				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE posted in one and only one HBS OUTPUT BATCH
 - MUST BE in a state described by one and only one HBS TXN STATUS CODE
 - MUST BE defined by one and only one HBS TXN TYPE CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

TRX ID	Primary	Y
TRX ID		

Subtypes:

BILLABLE SUMMARY TXN

Entity Name:	SUMMARY RETURN TRANSACTION (cont'd)	Short Name:	SMRYRETXN
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SAMPLE SCL SMRY TXN

Entity Name: SUMMARY RETURN TXN SEGREGATION			<i>Short Name:</i> SRETTXNSEG	
<i>Plural:</i> SUMMARY RETURN TXN SEGREGATION				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Captures derived data being applied to summary scale return segregations

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TXN SEG ID		N	NUMBER	32
A generated unique identifier for the a summary scale return transaction segregation				
VOLUME		Y	NUMBER	15,3
The total volume for a segregation				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE defined by one and only one SPECIES PRODUCT GRADE XREF

* = Relationships in primary unique identifier.

Unique Identifiers:

TXN SEG ID	Primary	Y
TXN SEG ID		

Subtypes:

BILLABLE TXN SEGREGATION

SAMPLE SCL TXN SEGREGATION

Entity Name: SUMMARY RETURN VERSION SEGREGA**Short Name:** RETVERSEG**Plural:** SUMMARY RETURN VERSION SEGREGATION**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

Used to capture metrics about a specific species/product/grade segregation of timber

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SEGREGATION ID		N	NUMBER	32
A surrogate key uniquely identifying a segregation				
VOLUME		Y	NUMBER	9,3
The total volume, in cubic meters, of the timber scaled in the segregation				
NUMBER OF PIECES		N	NUMBER	6
The number of pieces of timber (i.e. logs) or special forest products scaled for a segretation				
INPUT SPECIES		Y	VARCHAR2	2
The species identifier supplied on the source document.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "species" component of the relationship to the Species Product Grade Xref entity</i>				
INPUT PRODUCT		Y	VARCHAR2	2
The product identifier supplied on the source document.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "product" component of the relationship to the Species Product Grade Xref entity</i>				
INPUT GRADE		Y	VARCHAR2	1
The grade identifier supplied on the source document.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "grade" component of the relationship to the Species Product Grade Xref entity</i>				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MAY BE defined by one and only one SPECIES PRODUCT GRADE XREF

* = Relationships in primary unique identifier.

Unique Identifiers:

SEG ID

Primary Y

SEGREGATION ID

Subtypes:

PIECE SCL SEGREGATION

SAMPLE SEGREGATION

Entity Name: SUMMARY SCALE RETURN VERSION**Short Name:** RETVERSION**Plural:** SUMMARY SCALE RETURN VERSION**Init. Volume:** **Avg. Volume:** **Max. Volume:** **Annual Growth Rate:****Description:**

Captures source data for a version of a summary scale return

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* VERSION		N	NUMBER	10
Identifies the version of a summary scale return. A new version is created when the scale return is replaced with changes.				
SCALE DATE		N	DATE	
The date of scale from the set of scale returns being summarized.				
<i>This is the 'last date of scale from the set of summarized returns (i.e. the set of returns are were not neccessarily scaled on the the same date)</i>				
QUANT LIC TYPE CD		Y	VARCHAR2	1
Obsolete column				
INPUT TIMBER MARK		Y	VARCHAR2	6
The "timber mark" supplied on the source document, designating the specific tenure and cutting permit, from which the tenure type, and tenure holder can be determined.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "timber mark" relationship</i>				
QUEUED FOR PRINT IND		N	VARCHAR2	1
Indicates that a summary scale document has been placed in a que for printing				
<i>*** no longer used (20090224)?</i>				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
ACTIVE VERSION IND		N	VARCHAR2	1
Indicates that a version is the active version of interest to application processes				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
VISIBILITY IND		N	VARCHAR2	1
Indicates if a return version can be displayed by the application.				
<i>This indicator is intergral to the input process for scale returns, as it is important not to display a return until the EDI validation process has successfully completed.</i>				
<i>It will also be used to implement the logical deletion (i.e. discarding) of a return.</i>				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
PENDING TXN COMMENT		Y	VARCHAR2	240
A text comment for pending transactions				
<i>*** Never used as of 20090224</i>				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	

Entity Name:	SUMMARY SCALE RETURN VERSION (cont'd)	Short Name:	RETVERSION
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The date and time the record was last modified.

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

- * MUST BE representing a version of one and only one HBS SCALE RETURN
- MUST BE scaled at one and only one SCALE SITE
- MAY BE scaled by one and only one SCALER
- MUST BE defined by one and only one SCL RTN CATEGORY CODE
- MUST BE in a state described by one and only one SCL RTN VERSION STATE CODE
- MAY BE referencing one and only one TIMBER MARK
- * = *Relationships in primary unique identifier.*

Unique Identifiers:

SMRYRET	Primary	Y
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MUST BE representing a version of one and only one HBS SCALE RETURN VERSION

Subtypes:

PIECE SCALED METHOD VERSION

WEIGHT SCALE SUMMARY

Entity Name: TENURE TERM		Short Name: TT	
<i>Plural:</i>	TENURE TERM		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Tenure term defines, for all tenures, the term of the harvesting tenure. This includes the initial term and subsequent extensions where applicable.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FOREST FILE ID		N	VARCHAR2	10
File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.				
* = <i>Attributes in primary unique identifier.</i>				

Unique Identifiers:

TT	<i>Primary</i>	Y
FOREST FILE ID		

Entity Name: TIMBER MARK		Short Name:	TM
Plural:	TIMBER MARK		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Information about the timber cutting and moving permission for a timber tenure. For Private Timber Marks, the ministry does not grant cutting permission. For some Road Permits and Licences to Cut, no moving permission is granted. Otherwise, synonymous.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TIMBER MARK		N	VARCHAR2	6
Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE referenced by one or more DETAIL SCALE DOCUMENT VERSION
 - MAY BE a drop out mark requiring a record of one or more DROPOUT MARK LATEST RATIO
 - MAY BE identified as a dropout mark eligible for final billing on one or more FINAL BILLABLE DROPOUT MARK
 - MAY BE assigned one or more LOAD DESC SLIP REGISTRY
 - MAY BE the origin of a beachcombed log one or more LOG TALLY DETAIL
 - MAY BE defining one or more OVERRIDE RATING RULE
 - MAY BE the origin of a beachcombed log one or more PIECE SCL SEGREGATION
 - MAY BE the origin of a beachcombed log one or more SFP TALLY DETAIL
 - MAY BE referenced by one or more SUMMARY SCALE RETURN VERSION
 - MAY BE defining one or more WASTE RESIDUE RATE
 - MAY BE recorded on one or more YTD CYCLIC BILLING
- * = Relationships in primary unique identifier.

Unique Identifiers:

TIMBER_MARK_PK	Primary	Y
TIMBER MARK		

Notes:

- FTA TMBR
- 2004-03-04 R.A.Robb
- Added SMALL PATCH SALVAGE IND

Entity Name: TRADING PARTNER			Short Name:	TPT
<i>Plural:</i>	TRADING PARTNER			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Identifies Ministry clients as trading partners who submit scale data electronically

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
PROD MAILBOX		N	VARCHAR2	10
The EDI mailbox identifier used by a trading partner to submit production data.				
TRIAL MAILBOX		N	VARCHAR2	10
The EDI mailbox identifier used by a trading partner to submit trial, or test, data.				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = <i>Attributes in primary unique identifier.</i>				

Notes:

*** OBSOLETE ***

Entity Name: TRADING PARTNER SUBMITTER			<i>Short Name:</i>	TPST
<i>Plural:</i>	TRADING PARTNER SUBMITTER			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

This entity identifies and validates the submitter of a transmission/batch of scale data

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TPS ID		N	NUMBER	32
A unique identifier for the submitter of a batch of scale data				
TP DOC TYPE		N	VARCHAR2	1
Identifies the type of documents being submitted by a trading partner from a specific scale site. Document types are:				
S summary				
D detail				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

TPS	Primary	Y
TPS ID		

Notes:

*** OBSOLETE ***

Entity Name: TRANSMISSION FORMAT ERROR			<i>Short Name:</i> TRANFMTErr		
<i>Plural:</i> TRANSMISSION FORMAT ERROR					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
				<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> HBS EDIT ERROR					

Description:

Records an error that caused a transmission containing one or more batches of detail documents to fail during an unpacking edit event.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE describing an error for one and only one DTL SCL DOC TRANSMISSION

* = Relationships in primary unique identifier.

Entity Name: WASTE		Short Name: WASTE	
Plural:	WASTE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of: PIECE SCL SEGREGATION			

Description:
Segregation details for a waste (waste and residue) piece scale return

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
AVOIDABLE IND		N	VARCHAR2	1
A flag identifying whether or not the waste volume associated with a segregation was avoidable or unavoidable				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	

* = Attributes in primary unique identifier.

Entity Name:	WASTE ASSESSMENT AREA	<i>Short Name:</i>	WAA
<i>Plural:</i>	WASTE ASSESSMENT AREA		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

An area used for sampling purposes in the context of a reporting unit.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* WASTE ASSESSMENT AREA ID		N	NUMBER	12
The unique identifier for a Waste Assessment Area				
* = <i>Attributes in primary unique identifier.</i>				

Unique Identifiers:

WAA	<i>Primary</i>	Y
WASTE ASSESSMENT AREA ID		

Entity Name: WASTE ASSESSMENT SEGREGATION		<i>Short Name:</i>	WAS
<i>Plural:</i>	WASTE ASSESSMENT SEGREGATION		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

Populated on WASTE-603 once rates are submitted to HBS for review. At this time the Status of the Assessment Area is set to "Ready to Bill" and a snapshot of the FS 702 report data is taken for this Assessment Area and stored in this entity. The HBS sys

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE GRADE CODE		N	VARCHAR2	1
A code used to describe the grade of log scaled.				
* SCALE PRODUCT CODE		N	VARCHAR2	2
A code used to describe the product of log scaled.				
* SCALE SPECIES CODE		N	VARCHAR2	3
Identifies the species for a given piece.				
* WASTE ASSESSMENT AREA ID		N	NUMBER	12
The unique identifier for a Waste Assessment Area				
* = Attributes in primary unique identifier.				

Unique Identifiers:

WAS	Primary	Y
SCALE GRADE CODE		
SCALE PRODUCT CODE		
SCALE SPECIES CODE		
WASTE ASSESSMENT AREA ID		

Entity Name: WASTE RATE SOURCE CODE		Short Name:	WRSC
Plural:	WASTE RATE SOURCE CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Identifies how the rate was calculated. All rates are derived from Harvest History based on differing criteria or can be entered directly by the user.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* WASTE RATE SOURCE CODE		N	VARCHAR2	2
Identifies how the rate was calculated. All rates are derived from Harvest History based on differing criteria or can be entered directly by the user.				
DESCRIPTION		N	VARCHAR2	120
The code description.				
EFFECTIVE DATE		N	DATE	
The date this value is available for use.				
EXPIRY DATE		N	DATE	
The date after which the value is no longer available for use.				
UPDATE TIMESTAMP		N	TIMESTAMP	
The date and time the value was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE identifies a source for one or more WASTE RESIDUE RATE

* = Relationships in primary unique identifier.

Unique Identifiers:

WRSC	Primary	Y
WASTE RATE SOURCE CODE		

Entity Name: WASTE RESIDUE RATE			Short Name:	WSTRATE
Plural:	WASTE RESIDUE RATE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:
Captures rate information for processing waste scale data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* WSTRT ID		N	NUMBER	32
A unique identifier (surrogate) for a waste/residue rate entry				
CUT BLOCK ID		N	VARCHAR2	10
Identifies a specific cut block within a timber mark that a rate entry applies to				
AVOIDABLE IND		N	VARCHAR2	1
Indicates if a rate is for avoidable or unavoidable waste				
RATE		N	NUMBER	5,2
A rate assigned to a waste timber for a segregation for a cut block within a timber mark				
EFFECTIVE DATE		N	DATE	
The date the code becomes effective.				
EXPIRY DATE		N	DATE	
The date after which the code is no longer available for use.				
ACTIVE IND		N	VARCHAR2	1
An indicator that a rate is active or inactive regardless of effective/expiry dates				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MAY BE providing a rate for one or more PIECE SCL TXN SEGREGATION
MUST BE defined by one and only one SCALE GRADE CODE
MAY BE defined by one and only one SCALE PRODUCT CODE
MAY BE defined by one and only one SCALE SPECIES CODE
MUST BE defined by one and only one TIMBER MARK
MAY BE getting a rate as defined by one and only one WASTE RATE SOURCE CODE
* = Relationships in primary unique identifier.

Unique Identifiers:

WSTRATE_UID	Primary	N
EFFECTIVE DATE		
WSTRATE	Primary	Y
WSTRT ID		

Notes:
This table is updated by the Waste and Residue application

Entity Name: WEIGH SLIP

Short Name:

WST

Plural: WEIGH SLIP

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Subtype of: DETAIL SCALE DOC VERSION PROCESSABLE

Description:

A subtype of Detail Scale Doc Version...

Records information about the weighing of a truckload of timber, or other material such as a gravel truck (if a load number is consumed).

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
CUT BLOCK ID		Y	VARCHAR2	10
Identifies the cut block where the timber scaled on a detail scale return was harvested.				
<i>This data item cannot be validated with RI at this time as there is no standard set Cut blocks currently in use by both Industry and the Ministry</i>				
WEIGH SLIP NUMBER		N	VARCHAR2	10
A sequential number that should uniquely identifies a load of timber weighed at a scale site				
<i>A weigh slip number may not be unique over time as it may be reset.</i>				
GROSS WEIGHT		Y	NUMBER	6
The weight of the truck and its contents				
TARE WEIGHT		Y	NUMBER	6
The weight of the truck empty				
SAMPLE DEDUCTION WEIGHT		Y	NUMBER	6
Used to record the weight of a portion of a load being sampled when a 'grapple' sample is to be performed.				
<i>Grapple samples are done when the load of logs is very homogenous (i.e. every log is very similar). The scale may chose not to unload the entire truck, but instead unloads a subset of the load for sample scaling.</i>				
FIELD SCALE IND		Y	VARCHAR2	1
Flags the scale return as having been previously billed on a field scale.				
<i>Allowable Values of Attribute</i>				
Y	Yes		Y	
N	No		N	
INPUT CUTBLOCK ID		Y	VARCHAR2	10
An input text string used to identify the cut block where the timber scaled on a detail scale return was harvested. If valid it will be moved to the cut block id with RI				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "cut block id" relationship</i>				
INPUT PSY		Y	VARCHAR2	8
The population/stratum/sampling year supplied on the weight scale detail scale document.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "population/stratum/sampling year" component of the relationship to the Stratum entity</i>				
OUTGOING LDS NUMBER		Y	VARCHAR2	10
The load description slip for a load of timber (or possibly other material) that is departing from a scale site for a nother destination.				
DESTINATION		Y	VARCHAR2	4
A destination of a load of timber (or possibly other material) that has been weighed and is departing the scale site				
COMPANY USE STRATUM		Y	VARCHAR2	8
For non billable weigh slips a company use stratum is used. This attribute is used instead of a valid Population/Stratum Number/Sampling Year for the following scale events:				
WSB PS - Weigh Slip Billable Primary Scale (for cruise based or cash sale timber mark)				
WSB PS - Weigh Slip Billable Primary Departure (for cruise based or cash sale timber				

Entity Name:	WEIGH SLIP (cont'd)	Short Name:	WST
---------------------	---------------------	--------------------	-----

- mark)
 - WSR RT - Weigh Slip Red Tag - Red Tag
 - WSR RR - Weigh Slip Red Tag - Remote Red Tag
 - WSO 4R - Weigh Slip Other - SB4 Rescale
 - WSO DP - Weigh Slip Other - Departure
- * = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

- MAY BE sampled as defined by one and only one HBS SAMPLE TYPE CODE
 - MAY BE identified as amomalous by one or more SCALE ANOMALY LOG
 - MAY BE recording one and only one STRATUM
 - MAY BE in error as described by one or more WEIGH SLIP ERROR
 - MAY BE processed as one or more WEIGH SLIP TXN
- * = *Relationships in primary unique identifier.*

Notes:

The truck is usually weighed both loaded (gross weight) and empth (tare weight) to determine the weight of the logs (or other material) being transported (net weight)

Entity Name: WEIGH SLIP ERROR		<i>Short Name:</i>	WSERROR
<i>Plural:</i>	WEIGH SLIP ERROR		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS EDIT ERROR		

Description:

Records errors encountered during edit events for detail weigh slip scale documents

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE describing an error for one and only one WEIGH SLIP

* = Relationships in primary unique identifier.

Entity Name: WEIGH SLIP TXN		Short Name:	WSTXN
Plural:	WEIGH SLIP TXN		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	DETAIL RETURN BILLABLE TXN		

Description:

A subtype of Detail Scale Document Version Txn...

A record of a processing transaction applied against a weight scaled detail scale document version.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MUST BE a transaction against one and only one WEIGH SLIP
 - MAY BE cancelled by one and only one WEIGH SLIP TXN
 - MAY BE cancelling one and only one WEIGH SLIP TXN
 - MAY BE segregated by one or more WEIGH SLIP TXN SEG
 - MUST BE summarized to generate one and only one WEIGHT SCALE SUMMARY
- * = Relationships in primary unique identifier.

Entity Name: WEIGH SLIP TXN SEG			<i>Short Name:</i> DWSTXNSEG		
<i>Plural:</i> WEIGH SLIP TXN SEG					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Annual Growth Rate:</i>					
<i>Subtype of:</i>		DETAIL RETURN TXN SEGREGATION			

Description:

Records the results of the processing of a weigh slip which calculates segregation volumes based on samples taken for the loads associated stratum.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
WEIGHT X RATE		Y	NUMBER	16,2
Records the year to date total weight multiplied by the rate applied to a segregation				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE listing segregations for one and only one WEIGH SLIP TXN

MAY BE prorated as a portion of one and only one WEIGHT SCL TXN SEGREGATION

* = Relationships in primary unique identifier.

Notes:

The billing process results in sampled segregation ratios being applied to the weigh slip's net weight in order to calculate a volume for each species/grade that has been sampled for the stratum.

Entity Name: WEIGHT SCALE NOTATION		<i>Short Name:</i>	WSNOTN
<i>Plural:</i>	WEIGHT SCALE NOTATION		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	SUMMARY RETURN NOTATION		

Description:

A subtype of Summary Return Notation...

Captures textual comments about a weight return version.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE annotating one and only one WEIGHT SCALE SUMMARY

* = Relationships in primary unique identifier.

Entity Name: WEIGHT SCALE SUMMARY			Short Name:	WSSMRY
Plural:	WEIGHT SCALE SUMMARY			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	
Subtype of:	SUMMARY SCALE RETURN VERSION			

Description:

Represents an 'old style' weight scale monthly return.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
INPUT POPULATION		Y	VARCHAR2	4
The population supplied on the source document.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "population" component of the relationship to the Stratum entity</i>				
INPUT STRATUM		Y	VARCHAR2	2
The stratum identifier supplied on the source document.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "stratum" component of the relationship to the Stratum entity</i>				
INPUT SAMPLING YEAR		Y	VARCHAR2	2
The sampling year supplied on the source document.				
<i>This attribute is used to capture source information that may not permit referential integrity to be resolved for the "sampling year" component of the relationship to the Stratum entity</i>				
FIELD SCALE DECK ID		Y	VARCHAR2	1
An identifier for a field scale deck of timber				
PERIOD START DATE		Y	DATE	
Used to define the start date of the detail loads summarized on a summary return.				
<i>This field will normally identify the 1st of the month, but its main purpose is to identify the start date of summarizations that start in the middle of a month due to a mid month appraisal</i>				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE copied to one and only one CLIENT LOCATION
 - MAY BE paid by one and only one CLIENT LOCATION
 - MAY BE recording one and only one STRATUM
 - MAY BE genertated from one or more WEIGH SLIP TXN
 - MAY BE annotated by one or more WEIGHT SCALE NOTATION
 - MAY BE compiled from one or more WEIGHT SCL DAILY LOAD SUMMARY
 - MAY BE processed as one or more WEIGHT SCL SMRY TXN
 - MAY BE processed as one or more WEIGHT SCL TXN SEGREGATION
 - MAY BE in error as described by one or more WEIGHT SCL VERSION ERROR
- * = Relationships in primary unique identifier.

Short Name: WSDLYLDSMR

Init. Volume: Avg. Volume: Max. Volume: Annual Growth Rate:

Provides a breakdown of daily loads and weight for a weight scale Summary Scale Return

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DAY		N	NUMBER	2
Represents the day of the month (1 to 31)				
NUMBER OF LOADS		N	NUMBER	4
The total number of loads weighed in a day				
WEIGHT		N	NUMBER	9
The total weight of the total loads recieved in a day				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	TIMESTAMP	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	TIMESTAMP	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

* MUST BE compiled into one and only one WEIGHT SCALE SUMMARY

* = Relationships in primary unique identifier.

Unique Identifiers:

WDLS	Primary	Y
1	1	1
2	1	1
3	1	1
4	1	1
5	1	1
6	1	1
7	1	1
8	1	1
9	1	1
10	1	1
11	1	1
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98	1	1
99	1	1
100	1	1

DAY

MUST BE compiled into one and only one WEIGHT SCALE SUMMARY

Entity Name: WEIGHT SCL LOAD SMRY ERROR			<i>Short Name:</i> WSLDSMRERR		
<i>Plural:</i> WEIGHT SCL LOAD SMRY ERROR					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Subtype of:</i> HBS EDIT ERROR		<i>Annual Growth Rate:</i>			

Description:

A subtype of HBS Edit Error...

Records errors encountered during processing of weight scale daily load summary data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Entity Name: WEIGHT SCL NACK ERROR			<i>Short Name:</i> WSNACKERR		
<i>Plural:</i> WEIGHT SCL NACK ERROR					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Subtype of:</i> NEGATIVE ACK ERROR				<i>Annual Growth Rate:</i>	

Description:

A subtype of Negative Ack Error...

Records errors encountered during EDI edit events for weight scale EDI document data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Entity Name: WEIGHT SCL NEG ACK		<i>Short Name:</i> WSNEGACK
<i>Plural:</i>	WEIGHT SCL NEG ACK	
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i> <i>Annual Growth Rate:</i>
<i>Subtype of:</i>	HBS EDI NEGATIVE ACKNOWLEDMENT	

Description:

A subtype of the HBS EDI Negative Acknowledgement entity...

Captures weight scale return 'header' information about an rejected weight scale EDI document

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Entity Name: WEIGHT SCL SMRY TXN			<i>Short Name:</i> WSSMRYTXN		
<i>Plural:</i> WEIGHT SCL SMRY TXN					
<i>Init. Volume:</i>		<i>Avg. Volume:</i>		<i>Max. Volume:</i>	
<i>Subtype of:</i> BILLABLE SUMMARY TXN				<i>Annual Growth Rate:</i>	

Description:

- A subtype of Billable Summary Txn...
- A record of a processing transaction applied against a weight scale return version

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE recording a ratio source from one and only one HBS RATIO STATEMENT
- MAY BE documented on one and only one HBS WS STATEMENT
- MUST BE a transaction against one and only one WEIGHT SCALE SUMMARY
- MAY BE segregated by one or more WEIGHT SCL TXN SEGREGATION
- * = Relationships in primary unique identifier.

Entity Name: WEIGHT SCL SRTS NOTIFICATION			<i>Short Name:</i> WSSRTSNTF
<i>Plural:</i> WEIGHT SCL SRTS NOTIFICATION			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i> SRTS NOTIFICATION			

Description:

A subtype of SRTS Notification...

This entity records the action of notifying the SRTS system that a new or corrected summary weight scale return version has been inserted into HBS.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Notes:

*** OBSOLETE ***

Entity Name: WEIGHT SCL TXN SEGREGATION			<i>Short Name:</i> WSTXNSEG	
<i>Plural:</i> WEIGHT SCL TXN SEGREGATION				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	
<i>Subtype of:</i> BILLABLE TXN SEGREGATION				

Description:

A subtype of Billable Txn Segregation...

This entity captures derived information regarding the processing of a transaction against a weight scale return segregation.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
RATIO		Y	NUMBER	6,5
Records the ratio used to calculate the segregation's volume by determining the portion of the total weight to be associated with the segregation based on a sampled segregation.				
WEIGHT X RATE		Y	NUMBER	16,2
Records the year to date total weight multiplied by the rate applicable for the segregation.				
<i>This is for all of the accumulated weight for the scale return's population/stratum/sampling year and mark including the weight from the current return.</i>				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE prorated to one or more WEIGH SLIP TXN SEG

MUST BE a transaction segregation for one and only one WEIGHT SCALE SUMMARY

MUST BE listing segregations for one and only one WEIGHT SCL SMRY TXN

* = Relationships in primary unique identifier.

Entity Name: WEIGHT SCL VERSION ERROR		Short Name: WSVERERR
Plural:	WEIGHT SCL VERSION ERROR	
Init. Volume:	Avg. Volume:	Max. Volume:
Annual Growth Rate:		
Subtype of:	HBS EDIT ERROR	

Description:

A subtype of Scale Return Version Error...

Records errors encountered during edit events for weight scale version data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE describing an error for one and only one WEIGHT SCALE SUMMARY

* = Relationships in primary unique identifier.

Entity Name: WGT SCL INVOICE		Short Name:	WSI1
Plural:	WGT SCL INVOICE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

This table contains information that is unique to all Weight Scale Invoices.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INVOICE NUMBER		N	VARCHAR2	7
The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.				
* CANCELLATION IND		N	VARCHAR2	1
This attribute is used to identify invoices that are cancelling an invoice with the same Invoice_Number. It is set to "Y" only for a Piece Scale R2 transaction (Cancel and Replace). All other billing transactions are defaulted to "N".				
* = Attributes in primary unique identifier.				

Unique Identifiers:

WSI1	Primary	Y
INVOICE NUMBER		
CANCELLATION IND		

Entity Name: WS INVOICE DTL			Short Name:	WID
Plural:	WS INVOICE DTL			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

This table contains the invoice amounts at a species segregation level for Weight Scale Invoices.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INVOICE NUMBER		N	VARCHAR2	7
The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.				
* CANCELLATION IND		N	VARCHAR2	1
This attribute is used to identify invoices that are cancelling an invoice with the same Invoice_Number. It is set to "Y" only for a Piece Scale R2 transaction (Cancel and Replace). All other billing transactions are defaulted to "N".				
* HDBS TREE SPECIES		N	VARCHAR2	2
A code that identifies the species of log or material being invoiced.				
* LOG GRADE		N	VARCHAR2	1
A code that indicates the overall quality of the timber and thus infers a certain value.				
* WEIGHT REF NUMBER		N	NUMBER	5
A number ranging from 1 to 4 assigned by the Weight Scale billing process to identify logs scaled at a specific weight and rate for a given billing time period. It is also used to identify cancelling detail from adjusting detail.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

WID	Primary	Y
HDBS TREE SPECIES		
LOG GRADE		
WEIGHT REF NUMBER		
INVOICE NUMBER		
CANCELLATION IND		

Entity Name: WS TALLY			Short Name: WT	
Plural: WS TALLY				
Init. Volume:		Avg. Volume:		Max. Volume:
Annual Growth Rate:				

Description:
*** OBSOLETE ***

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TALLY SKEY		N	NUMBER	10
*** OBSOLETE ***				
* = Attributes in primary unique identifier.				

Unique Identifiers:

WT	Primary	Y
TALLY SKEY		

Entity Name: YTD CYCLIC BILLING			Short Name:	YTDCB
Plural:	YTD CYCLIC BILLING			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:
Captures year-to-date billing information for a specific combination of stratum and timber mark

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
YTD WEIGHT		N	NUMBER	14
The sum total of the year-to-date weight billed against a stratum / timber_mark				
FINAL_BILL_IND		N	VARCHAR2	1
Indicates that the population/mark has been final billed				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	DATE	
The date and time on which the record was created.				
UPDATE USERID		Y	VARCHAR2	30
The USERID of the individual who last updated the information.				
UPDATE TIMESTAMP		Y	DATE	
The date and time the record was last modified.				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:

- * MUST BE records YTD data for one and only one STRATUM
- * MUST BE records YTD data for one and only one TIMBER MARK

MAY BE comprised of one or more YTD CYCLIC BILLING SEG

* = Relationships in primary unique identifier.

Unique Identifiers:

YTDCB	Primary	Y
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MUST BE records YTD data for one and only one STRATUM

MUST BE records YTD data for one and only one TIMBER MARK

Entity Name: YTD CYCLIC BILLING SEG			Short Name: YTDCBSEG
Plural:	YTD CYCLIC BILLING SEG		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Captures segregation level year-to-date billing information for a specific combination of stratum and timber mark

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
YTD WEIGHT X RATE		N	NUMBER	16,2
The sum total at the segregation level of the year-to-date weight-times-rate calculations for a stratum / timber_mark / species / product (log) / grade				
YTD VOLUME		N	NUMBER	16,3
The sum total at the segregation level of the year-to-date volume calculations for a stratum / timber_mark / species / product (log) / grade				
YTD VALUE		N	NUMBER	16,2
The sum total at the segregation level of the year-to-date value calculations for a stratum / timber_mark / species / product (log) / grade				
ENTRY USERID		N	VARCHAR2	30
The USERID of the individual who entered the information.				
ENTRY TIMESTAMP		N	DATE	
The date and time on which the record was created.				
UPDATE USERID		Y	CHAR	30
The identifier of the last user or process to updated a record				
UPDATE TIMESTAMP		Y	DATE	
The date and time of the last update to a record				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MUST BE segregated by one and only one SCALE GRADE CODE

* MUST BE providing segregation details for one and only one YTD CYCLIC BILLING

* = Relationships in primary unique identifier.

Unique Identifiers:

YTDCBSEG	Primary	Y
MUST BE providing segregation details for one and only one YTD CYCLIC BILLING		

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