

Entity and Attribute Definitions Report

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Total Pages: 118
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Parameters

<i>Application:</i>	SCS
<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: AUTHORIZED FOREST PRODUCT			<i>Short Name:</i>	AUFP
<i>Plural:</i>	AUTHORIZED FOREST PRODUCT			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

A specific special forest product (as defined by HBS.SCALE PRODUCT CODE) that a scaler may scale as part of their SCALER AUTHORIZATION.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identified by one and only one SCALE PRODUCT CODE
- * MUST BE part of one and only one SCALER AUTHORIZATION

* = Relationships in primary unique identifier.

Unique Identifiers:

AUFP	Primary	Y
MUST BE part of one and only one SCALER AUTHORIZATION		
MUST BE identified by one and only one SCALE PRODUCT CODE		

Entity Name: CHECK SCALE**Short Name:** CKSC**Plural:** CHECK SCALE**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

A CHECK SCALE is a verification procedure performed by a check scaler to ensure the original scaler has scaled in accordance with good scaling practices.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* CHECK SCALE ID	ID	N NUMBER	15
System generated sequence number to uniquely identify a CHECK SCALE.			
FOLLOWED GOOD PRACTICE IND	YN IND	N VARCHAR2	1
Indicates whether or not the check scaler believed the original scaler(s) followed good scaling practice.			
ORIGINAL WITHIN STANDARD IND	YN IND	N VARCHAR2	1
Indicates whether or not the difference as a percentage between original scale return value and the check scale value is within the Ministry standard.			
ORIGINAL SCALE NET VALUE	CHECK SCALE VALUE	N NUMBER	8,2
From the original scale return, the computed value (either market or stumpage).			
CHECK SCALE NET VALUE	CHECK SCALE VALUE	N NUMBER	8,2
From the check scale, the computed value (either market or stumpage).			
CHK SCALER COMMENT TXT	DESCRIPTION NOTE	Y VARCHAR2	4000
Additional narrative about the check scale provided by the check scaler.			
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time the record was initially created.			
ENTRY USERID	USERID	N VARCHAR2	30
The unique user id who initially created the record.			
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time on which the record was last updated.			
UPDATE USERID	USERID	N VARCHAR2	30
The unique user id who last updated the record.			
REVISION COUNT	REVISION COUNT	N NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.			

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE having one or more CHECK SCALE SPG SUMMARY

MUST BE having the type identified by one and only one CHECK SCALE TYPE CODE

MUST BE having the timber mark identified by one and only one HAULING AUTHORITY

MUST BE having the site location identified by one and only one SCALE SITE

MUST BE checking a scale where the original scaler is identified by one and only one SCALER

MUST BE performed by one and only one SCALER

MAY BE giving rise to one or more SCALER PERFORMANCE REMARK

* = Relationships in primary unique identifier.

Unique Identifiers:

CKSC

Primary Y

CHECK SCALE ID

Notes:

2006-03-21

Entity Name:	CHECK SCALE (cont'd)	<i>Short Name:</i>	CKSC
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Due to the current limitations of hand-held and HBS, a check scale record cannot be distinguished between a first check scale and a second check scale. Therefore a CHECK SCALE will initially have its CHECK SCALE TYPE CODE set by default to 'first'; the user will then need to subsequently set it to `second? if required.

Subtypes:

- HBS CHECK SCALE
- LEGACY CHECK SCALE
- LT SUMMARY CHECK SCALE
- SFP SUMMARY CHECK SCALE
- SLT SUMMARY CHECK SCALE

Entity Name: CHECK SCALE SPG SUMMARY

Short Name: CSSM

Plural: CHECK SCALE SPG SUMMARY

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

The summary of a check scale for a tree species, product and grade. The data sent by the hand held systems for a check scale is summarized a the timber mark (hauling authority), tree species and grade level of detail.

For example:

For the Tree Species 'BA', product log, grade '2', this will contain the totals for both the original scale return and the check scale for number of pieces, volume and value.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ORIGINAL SCALE PIECE CNT	CHECK SCALE PIECE CNT	N	NUMBER	4,0
From the original scale return, the number of pieces counted.				
ORIGINAL SCALE NET VOLUME	CHECK SCALE VOLUME	N	NUMBER	7,3
From the original scale return, the net volume in cubic meters.				
CHECK SCALE PIECE CNT	CHECK SCALE PIECE CNT	N	NUMBER	4,0
From the check scale, the number of pieces counted.				
CHECK SCALE NET VOLUME	CHECK SCALE VOLUME	N	NUMBER	7,3
From the check scale, the net volume in cubic meters.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

- * MUST BE the details for one and only one CHECK SCALE
- * MUST BE identifying one and only one SPECIES PRODUCT GRADE XREF

* = Relationships in primary unique identifier.

Unique Identifiers:

CSSM Primary Y

MUST BE identifying one and only one SPECIES PRODUCT GRADE XREF

MUST BE the details for one and only one CHECK SCALE

Entity Name: CHECK SCALE TYPE CODE			Short Name:	CSTC
Plural:	CHECK SCALE TYPE CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A type of check scale.
For example:
- First check scale
- Second check scale

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CHECK SCALE TYPE CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the CHECK SCALE CODE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE identifying the type of one or more CHECK SCALE
* = Relationships in primary unique identifier.

Unique Identifiers:

CSTC	Primary	Y
CHECK SCALE TYPE CODE		

Entity Name: CIM INSPECTION TYPE CODE			Short Name: INSP_TYPE
Plural: CIM INSPECTION TYPE CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Reference to CIMS

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CIM INSPECTION TYPE CODE		N	VARCHAR2	10
User readable value to uniquely identify the BUSINESS AREA CODE.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE governing one or more INSPECTION QUESTION

MAY BE has inspection one or more INSPECTION REPORT

* = Relationships in primary unique identifier.

Unique Identifiers:

CITPPrimaryY

CIM INSPECTION TYPE CODE

Entity Name: CLIENT BUSINESS CONTACT			<i>Short Name:</i>	CC
<i>Plural:</i>	CLIENT_CONTACT			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Reference from CLIENT

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CLIENT CONTACT ID		N	NUMBER	12
Reference from CLIENT				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE WORKS_AT one and only one CLIENT LOCATION

MAY BE identifying one or more SCALE SITE CONTACT

* = Relationships in primary unique identifier.

Unique Identifiers:

CC	Primary	Y
CLIENT CONTACT ID		

Entity Name: CLIENT LOCATION			Short Name:	CL
Plural:	CLIENT LOCATION			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

Reference to CLIENT

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CLIENT LOCN CODE	CLIENT_LOCN_CODE	N	VARCHAR2	2
Reference to CLIENT				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE CONTAINS one or more CLIENT_CONTACT
- * MUST BE HOUSES one and only one FOREST CLIENT
- MAY BE the owner of one or more SCALE SITE
- MAY BE identifying one and only one SCALING SOFTWARE VENDOR
- MAY BE participating in one or more TIMBER CRUISE PARTICIPANT
- MAY BE identifying BC Timber Sales one or more TIMBER CRUISE PLAN
- MAY BE the check cruiser for one or more TIMBER CRUISE RESULT
- MAY BE the owner of one or more WASTE ASSESSMENT AREA
- * = Relationships in primary unique identifier.

Unique Identifiers:

CL	Primary	Y
MUST BE HOUSES one and only one FOREST CLIENT		
CLIENT LOCN CODE		

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

Description:
An area or block that will be timber cruised

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CRUISE BLOCK ID	ID	N	NUMBER	15
A unique identifier for a CRUISE BLOCK.				
CRUISE BLOCK		N	VARCHAR2	10
Assigned alphanumeric identifier supplied by the cruiser to identify the cruise.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MUST BE identifying one and only one TIMBER CRUISE PLAN
* = Relationships in primary unique identifier.

Unique Identifiers:

CRBL UK	<i>Primary</i>	<i>N</i>
<i>MUST BE identifying one and only one TIMBER CRUISE PLAN</i>		
<i>CRUISE BLOCK</i>		
CRBL	<i>Primary</i>	<i>Y</i>
<i>CRUISE BLOCK ID</i>		

Entity Name: CRUISE DOCUMENT TYPE CODE		Short Name:	CDTC
Plural:	CRUSE DOCUMENT TYPE CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

A classification of the types of documents that may be included for a timber cruise plan.

For Example

- Map
- Form
- Other

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CRUISE DOCUMENT TYPE CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the CRUISE DOCUMENT TYPE CODE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE classifying one or more TIMBER CRUISE DOCUMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

CDTC	Primary	Y
CRUISE DOCUMENT TYPE CODE		

Entity Name: CRUISE RESULT TYPE CODE			Short Name:	CRTC
Plural:	CRUISE RESULT TYPE CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A classification of the types of results that may be recorded for a timber cruise plan.

For Example

- Primary
- Secondary
- Tertiary

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CRUISE RESULT TYPE CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the CRUISE RESULT CODE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE classifying one or more TIMBER CRUISE RESULT

* = Relationships in primary unique identifier.

Unique Identifiers:

CRTC	Primary	Y
CRUISE RESULT TYPE CODE		

Entity Name: CRUISE ROLE CODE			<i>Short Name:</i>	CLCD
<i>Plural:</i>	CRUISE ROLE CODE			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

A position or function a person or organization provides on a TIMBER CRUISE.
For Example:
- Cruise Agency
- Cruise Planner
- Cruiser

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CRUISE ROLE CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the CRUISE ROLE CODE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE identifying the role for one or more TIMBER CRUISE PARTICIPANT
* = Relationships in primary unique identifier.

Unique Identifiers:

CLCD	Primary	Y
CRUISE ROLE CODE		

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

Description:

VP (Variable Plot) or 100 (100% Cruise) or 3P (Three-P) or BBAF(Big BAF) or FA(Fixed Area Cruise) or CB (combination).

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CRUISE TYPE CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the CRUISE TYPE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE the category of one or more TIMBER CRUISE PLAN

* = Relationships in primary unique identifier.

Unique Identifiers:

CRTY	Primary	Y
CRUISE TYPE CODE		

Entity Name: DESIGNATED EXEMPT MARK METHOD		<i>Short Name:</i>	DEMM
<i>Plural:</i>	DESIGNATED EXEMPT MARK METHOD		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

An allowed EXEMPT MARK METHOD that can be used for the HAULING MARK DESIGNATION (Mark Site).

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identifying one and only one EXEMPT MARK METHOD CODE
 - * MUST BE for one and only one HAULING MARK AUTHORIZATION
- * = Relationships in primary unique identifier.

Unique Identifiers:

DEMM	Primary	Y
MUST BE for one and only one HAULING MARK AUTHORIZATION		
MUST BE identifying one and only one EXEMPT MARK METHOD CODE		

Entity Name:	DETAIL SCALE DOC VERSION SUBTYPE1	Short Name:	DSDVS1
Plural:	DETAIL SCALE DOC VERSION SUBTYPE1		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	DETAIL SCALE DOCUMENT VERSION		

Description:
Reference entity from HBS.

Attributes:

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

Subtypes:
DETAIL SCALE DOC VERSION SUBTYPE2

Entity Name:	DETAIL SCALE DOC VERSION SUBTYPE2	Short Name:	DSDVST2
Plural:	DETAIL SCALE DOC VERSION SUBTYPE2		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	DETAIL SCALE DOC VERSION SUBTYPE1		

Description:
Reference entity from HBS.

Attributes:

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

Subtypes:
PIECE SCALED LOG TALLY

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

Description:
Reference entity from HBS.

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.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE documented as one or more DETAIL SCALE DOCUMENT VERSION

* = Relationships in primary unique identifier.

Unique Identifiers:

DTLSCLDO	Primary	Y
DETAIL DOCUMENT NUMBER		

Entity Name:	DETAIL SCALE DOCUMENT VERSION	<i>Short Name:</i>	DSDV
<i>Plural:</i>	DETAIL SCALE DOCUMENT VERSION		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:
Reference entity from HBS.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* VERSION		N	NUMBER	2,0
Identifies the version of a detail scale return. A new version is created when a detail scale return is modified.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

* MUST BE documenting a version of one and only one DETAIL SCALE DOCUMENT
* = <i>Relationships in primary unique identifier.</i>

Unique Identifiers:

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

Subtypes:

DETAIL SCALE DOC VERSION SUBTYPE1

Short Name: DDB

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

HBS reference for software utilization

* = Attributes in primary unique identifier.

* = Relationships in primary unique identifier.

BATCH ID

Entity Name: DTL DOC BATCH DOCUMENT		<i>Short Name:</i>	DDBD
<i>Plural:</i>	DTL DOC BATCH DOCUMENT		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

HBS reference for software utilization

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* BATDOC ID	ID	N	NUMBER	15
Surrogate key for uniquely identifying a document from a detail scale document batch				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE from one and only one DTL DOC BATCH

* = Relationships in primary unique identifier.

Unique Identifiers:

DDBD	Primary	Y
BATDOC ID		

Entity Name: EXEMPT MARK METHOD CODE		Short Name:	EMCD
Plural:	EXEMPT MARK METHOD CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

An EXEMPT MARK METHOD CODE is when a District Manager has allowed an exemption to the usual marking methods of a hammer, paint or both hammer and paint.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* EXEMPT MARK METHOD CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the IRREGULAR MARK METHOD CODE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE identified by one or more DESIGNATED EXEMPT MARK METHOD

* = Relationships in primary unique identifier.

Unique Identifiers:

EMCD	Primary	Y
EXEMPT MARK METHOD CODE		

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

Description:

Reference to CLIENT

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CLIENT NUMBER	CLIENT_NUMBER	N	VARCHAR2	8
Reference to CLIENT				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE OPERATES_FROM one or more CLIENT LOCATION

MAY BE identifying one and only one SCALER

* = Relationships in primary unique identifier.

Unique Identifiers:

FCPrimaryY

CLIENT NUMBER

Entity Name: HARVESTING AUTHORITY		<i>Short Name:</i>	HVA
<i>Plural:</i>	HARVESTING AUTHORITY		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:
Reference from FTA.

Attributes:

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

Reference from FTA.

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

MAY BE identifying the cutting permit number for one or more TIMBER CRUISE PLAN

* = Relationships in primary unique identifier.

Unique Identifiers:

HVA	Primary	Y
HVA SKEY		

Entity Name: HAULING AUTHORITY			<i>Short Name:</i>	HAA
<i>Plural:</i>	HAULING AUTHORITY			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Reference from FTA

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TIMBER MARK		N	VARCHAR2	6
Reference from FTA				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE identifying the timber mark for one or more CHECK SCALE

MAY BE identifying the timber mark for one or more HAULING MARK AUTHORIZATION

* = Relationships in primary unique identifier.

Unique Identifiers:

HUAT	Primary	Y
TIMBER MARK		

Entity Name: HAULING MARK AUTH LETTER		<i>Short Name:</i>	HMAL
<i>Plural:</i>	HAULING MARK AUTH LETTER		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

A HAULING MARK AUTH LETTERis the container for the electronic version of the hauling mark authorization letter.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
LETTER BLOB	LETTER BLOB	N	IMAGE	

The binary source of the letter in PDF (Adobe Portable Document Format).

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

* MUST BE storing the letter for one and only one HAULING MARK AUTHORIZATION

* = Relationships in primary unique identifier.

Unique Identifiers:

HMAL	Primary	Y
------	---------	---

MUST BE storing the letter for one and only one HAULING MARK AUTHORIZATION

Entity Name: HAULING MARK AUTHORIZATION

Short Name:

HMKA

Plural: HAULING MARK AUTHORIZATION

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A HAULING MARK AUTHORIZATION is the granting of a HAULING AUTHORITY (TIMBER MARK) to be utilized at one or more scale sites or all scale sites within a district.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HAULING MARK AUTHORIZATION ID	ID	N	NUMBER	15
System generated sequence number to uniquely identify a HAULING MARK AUTHORIZATION.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
EXPIRY NOTIFICATION IND	YN IND	N	VARCHAR2	1
Indicates whether or not the approaching expiration of the HAULING MARK AUTHORIZATION has been addressed by the user or not.				
DISTRICT WIDE IND	YN IND	N	VARCHAR2	1
Indicates whether or not the HAULING MARK AUTHORIZATION authorizes the hauling mark for all sites in the district or not.				
If this is yes then there can be no associated HAULING MARK SITE.				
If this is no then there must be at least one associated HAULING MARK SITE.				
LETTER ISSUED DATE	DATE	Y	DATE	
Date the authorization letter was issued by MOFR.				
LETTER ISSUED BY USER ID	USERID	Y	VARCHAR2	30
The user id of the MOFR user that issued the authorization letter.				
LETTER ARCS FILE NO	ARCS FILE NUMBER	Y	VARCHAR2	20
User supplied number used to track the physical letter.				
TIMBER DESCRIPTION TXT	DESCRIPTION SHORT	Y	VARCHAR2	40
Description of the timber.				
TIMBER GEOGRAPHIC LOCATION	DESCRIPTION SHORT	Y	VARCHAR2	40
Description of the geographic location of the timber				
POPULATION NUMBER		Y	VARCHAR2	4
Information about a weight scale population (i.e. "the aggregate of all truck loads weighed in a given period")				
Referential integrity to HBS POPULATION entity cannot be used here because it contains a sampling year as part of its primary unique identifier whereas a HAULING MARK AUTHORIZATION can span multiple years.				
The application code will constrain this against HBS POPULATION.				
ESTIMATED VOLUME		Y	NUMBER	6,0
Estimation of volume of timber be scaled measured in cubic metres.				
ESTIMATED TRUCK LOAD NO		Y	NUMBER	6,0
Estimated number of truckloads of timber				
TRANSPORTATION DATE DESC	DESCRIPTION LONG	Y	VARCHAR2	200
Description of the dates of transportation of the timber				
OTHER REQUIREMENTS TXT	DESCRIPTION NOTE	Y	VARCHAR2	4000
Description of other requirements that must be met as part of the HAULING MARK AUTHORIZATION.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				

Entity Name: HAULING MARK AUTHORIZATION (cont'd)			Short Name:	HMKA
ENTRY USERID	USERID	N VARCHAR2	30	
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N DATE		
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N VARCHAR2	30	
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N NUMBER	15,0	
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE allow for one or more DESIGNATED EXEMPT MARK METHOD
 - MUST BE having the timber mark identified by one and only one HAULING AUTHORITY
 - MAY BE having the letter stored in one and only one HAULING MARK AUTH LETTER
 - MAY BE having one or more HAULING MARK SITE
 - MAY BE including one or more HAULING MARK SITE CONDITION
 - MUST BE the designation for a district identified by one and only one ORG UNIT
 - MAY BE consisting of one or more SPECIES CONTENT
- * = Relationships in primary unique identifier.

Unique Identifiers:

HMKA	Primary	Y
HAULING MARK AUTHORIZATION ID		

Entity Name: HAULING MARK SITE**Short Name:** HMSI**Plural:** HAULING MARK SITE**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

The inclusion of a SCALE SITE that a HAULING AUTHORITY can bring timber to, as part of a HAULING MARK AUTHORIZATION.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

* MUST BE for one and only one HAULING MARK AUTHORIZATION

* MUST BE for a site identified by one and only one SCALE SITE

* = Relationships in primary unique identifier.

Unique Identifiers:

HMSI Primary Y

MUST BE for one and only one HAULING MARK AUTHORIZATION

MUST BE for a site identified by one and only one SCALE SITE

Entity Name: HAULING MARK SITE CONDITION			Short Name:	HMSC
Plural:	HAULING MARK SITE CONDITION			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A HAULING MARK SITE CONDITION is an AUTHORIZATION CONDITION that is imposed upon a HAULING MARK AUTHORIZATION as part of the designation.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- * MUST BE imposed as part of one and only one HAULING MARK AUTHORIZATION
- * MUST BE identified by one and only one SCALE AUTH CONDITION

* = Relationships in primary unique identifier.

Unique Identifiers:

HMSC	Primary	Y
MUST BE imposed as part of one and only one HAULING MARK AUTHORIZATION		
MUST BE identified by one and only one SCALE AUTH CONDITION		

Entity Name: HBS CHECK SCALE		<i>Short Name:</i>	HBCS
<i>Plural:</i>	HBS CHECK SCALE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	CHECK SCALE		

Description:

An HBS check scale is a reference to the HBS scale return of the check scale and the HBS scale return of the original check scale this check is for.

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 having the check log tally scale identified in HBS one and only one LOG TALLY

or MUST BE having the check sample log tally scale identified in HBS one and only one SAMPLE LOG TALLY

MUST BE having the original log tally scale identified in HBS by one and only one LOG TALLY

or MUST BE having the original sample log tally scale identified in HBS one and only one SAMPLE LOG TALLY

* = Relationships in primary unique identifier.

Entity Name: INSPECTED SCALING METHOD			Short Name:	ISMH
Plural:	INSPECTED SCALING METHOD			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

The INSPECTED SCALING METHOD that was inspected as part of a SCALE INSPECTION REPORT and a SCALE METHOD TYPE CODE.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- * MUST BE inspected for one and only one SCALE INSPECTION REPORT
- * MUST BE identified by one and only one SCALE METHOD TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

ISMH	Primary	Y
MUST BE inspected for one and only one SCALE INSPECTION REPORT		
MUST BE identified by one and only one SCALE METHOD TYPE CODE		

Entity Name: INSPECTION ANSWER CODE			Short Name:	IACD
Plural:	INSPECTION ANSWER CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A potential response to an INSPECTION QUESTION
For Example:
Yes
No
Not Applicable

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INSPECTION ANSWER CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the INSPECTION ANSWER CODE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE identifying one or more INSPECTION VALID RESPONSE
* = Relationships in primary unique identifier.

Unique Identifiers:

IACD	Primary	Y
INSPECTION ANSWER CODE		

Entity Name: INSPECTION QUESTION

Short Name:

INQU

Plural: INSPECTION QUESTION

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

AN INSPECTION QUESTION is a specific statement of inquiry for the purposes of conducting an inspection.

For Example:

- Is the Site Operating?

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* INSPECTION QUESTION ID	ID	N NUMBER	15
System generated sequence number to uniquely identify an INSPECTION QUESTION.			
QUESTION TEXT	DESCRIPTION LONG	N VARCHAR2	200
The question text			
COMMENT REQUIRED IND	YN IND	N VARCHAR2	1
Indicates whether SITE INSPECTION RESPONSE must have a COMMENTS TEXT provided as or not.			
SORT ORDER NO		N NUMBER	4,0
Number to indicate the relative position of the question when displayed.			
EFFECTIVE DATE	DATE	N DATE	
Date the record became effective.			
EXPIRY DATE	DATE	N DATE	
Date the record expired.			
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time the record was initially created.			
ENTRY USERID	USERID	N VARCHAR2	30
The unique user id who initially created the record.			
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time on which the record was last updated.			
UPDATE USERID	USERID	N VARCHAR2	30
The unique user id who last updated the record.			
REVISION COUNT	REVISION COUNT	N NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.			
* = Attributes in primary unique identifier.			

Relationships:Each Occurrence Of This Entity:

- * MUST BE under the authority of one and only one CIM INSPECTION TYPE CODE
- MAY BE asked for one or more INSPECTION TYPE QUESTION
- MAY BE having one or more INSPECTION VALID RESPONSE
- MAY BE asked for one or more SCALING METHOD QUESTION

* = Relationships in primary unique identifier.

Unique Identifiers:

QUES Primary Y

MUST BE under the authority of one and only one CIM INSPECTION TYPE CODE

INSPECTION QUESTION ID

Entity Name: INSPECTION REPORT			Short Name: INSPECTION
Plural:	INSPECTION REPORT		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:
Reference to CIMS entity

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INSPECTION ID		N	NUMBER	10
Unique Inspection Report ID				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE is inspection type for one and only one CIM INSPECTION TYPE CODE

MAY BE recording one or more INSPECTION RESPONSE

MUST BE has district one and only one ORG UNIT

MAY BE inspection for one and only one SCALE INSPECTION REPORT

* = Relationships in primary unique identifier.

Unique Identifiers:

INSPECTION	Primary	Y
INSPECTION ID		

Entity Name: INSPECTION RESPONSE

Short Name:

IRSP

Plural: INSPECTION RESPONSE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

The INSPECTION RESPONSE given to a QUESTION for an INSPECTION REPORT.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
COMMENTS TEXT	DESCRIPTION NOTE	Y	VARCHAR2	4000
Additional comments to support the answer.				
FOLLOW UP ACTION TXT	DESCRIPTION NOTE	Y	VARCHAR2	4000
Description of any follow-up action required.				
FOLLOW UP DUE DATE	DATE	Y	DATE	
The date the follow-up action is required to be completed by.				
FOLLOW UP COMPLETED IND	YN IND	N	VARCHAR2	1
Indicates whether or not the follow-up action was completed.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

- * MUST BE the response for one and only one INSPECTION REPORT
- * MUST BE identified by one and only one INSPECTION VALID RESPONSE

* = Relationships in primary unique identifier.

Unique Identifiers:

IRSP

Primary Y

MUST BE the response for one and only one INSPECTION REPORT

MUST BE identified by one and only one INSPECTION VALID RESPONSE

Entity Name: INSPECTION TYPE QUESTION			Short Name:	INTQ
Plural:	INSPECTION TYPE QUESTION			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

The inclusion of an INSPECTION TYPE QUESTION as part of SCALE SITE INSPECTION TYPE.
For Example:
Question 1 is included in a Minor, Standard and Major site inspection
Question 9 is included in Major site inspection only.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identified by one and only one INSPECTION QUESTION
- * MUST BE identified by one and only one SCALE SITE INSPCTN TYPE CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

INTQ	Primary	Y
MUST BE identified by one and only one INSPECTION QUESTION		
MUST BE identified by one and only one SCALE SITE INSPCTN TYPE CODE		

Entity Name: INSPECTION VALID RESPONSE			Short Name:	IVRP
Plural:	INSPECTION VALID RESPONSE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

The inclusion of an INSPECTION VALID RESPONSE as an applicable response to an INSPECTION QUESTION.

For Example:
The question 'Is the Site operating' can be answered with either an ANSWER of 'Yes' or 'No'

The question 'Was the guard dog present' can be answered with an ANSWER of 'Yes', 'No', or 'Not Applicable'

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	Y	DATE	
Date the record expired.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE having the response identified by one and only one INSPECTION ANSWER CODE
- * MUST BE for one and only one INSPECTION QUESTION
- MAY BE the response for one or more INSPECTION RESPONSE
- * = Relationships in primary unique identifier.

Unique Identifiers:

IVRP	Primary	Y
MUST BE for one and only one INSPECTION QUESTION		
MUST BE having the response identified by one and only one INSPECTION ANSWER CODE		

Entity Name: LEGACY CHECK SCALE**Short Name:** LGCS**Plural:** LEGACY CHECK SCALE**Init. Volume:** Avg. Volume:**Max. Volume:****Annual Growth Rate:****Subtype of:** CHECK SCALE**Description:**

A LEGACY CHECK SCALE is a CHECK SCALE that has been performed prior to the new SCS to HBS linked check scale.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
LOAD ARRIVAL NUMBER		Y VARCHAR2	10
Unique identifier for a piece scale load. Assigned by the scale site (usually sequentially generated) and manually entered for the CHECK SCALE.			
WEIGH SLIP NUMBER		Y NUMBER	10,0
A unique identifier for a sample load. Generated by the weight scale system and manually entered for the CHECK SCALE.			
CHECK REPLACES ORIGINAL IND	YN IND	N VARCHAR2	1
Indicates whether or not the CHECK SCALE will be replacing the original scale return for the purposes of billing (in HBS).			
POPULATION		Y VARCHAR2	4
A number uniquely identifying a population			
STRATUM		Y VARCHAR2	2
A unique identifier for a stratum within a population/sampling year			
SAMPLING YEAR		Y NUMBER	5,0
Describes a period within which loads of timber are attributed to a particular stratum within a population			
ORIGINAL SCALE DATE	DATE	N DATE	
Date the original scale was performed.			
ORIGINAL SCALE RETURN NO	HAND HELD RETURN NUMBER	N NUMBER	4,0
A number to uniquely identify a scaler's scale return. Starts at 1 and increments by 1 for each scale return submitted by the scaler regardless of scale site.			
ORIGINAL SCALE TOTAL TOPS	CHECK SCALE RADS	N NUMBER	6,0
From the original scale return, the sum of all the measured tops measured in Rads.			
ORIGINAL SCALE TOTAL BUTTS	CHECK SCALE RADS	N NUMBER	6,0
From the original scale return, the sum of all the measured butts measured in Rads.			
ORIGINAL SCALE TOTAL LENGTH	CHECK SCALE LENGTH	N NUMBER	7,0
From the original scale return, the sum of the lengths of all the pieces measured in decimetres.			
CHK SCALE DATE	DATE	N DATE	
Date the check scale was performed.			
CHK SCALE RETURN NO	HAND HELD RETURN NUMBER	N NUMBER	4,0
A number to uniquely identify a check scaler's check scale. Starts at 1 and increments by 1 for each check scale submitted by the check scaler regardless of scale site.			
CHK SCALE TOTAL TOPS	CHECK SCALE RADS	N NUMBER	6,0
From the check scale, the sum of all the measured tops measured in Rads.			
CHK SCALE TOTAL BUTTS	CHECK SCALE RADS	N NUMBER	6,0
From the check scale, the sum of all the measured butts measured in Rads.			
CHK SCALE TOTAL LENGTH	CHECK SCALE LENGTH	N NUMBER	7,0
From the check scale, the sum of the lengths of all the pieces measured in decimetres.			

* = Attributes in primary unique identifier.

Entity Name: LOG TALLY		Short Name: LOGTALLY	
Plural:	LOG TALLY		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	PIECE SCALED LOG TALLY		

Description:
Reference entity from HBS.

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 the check log tally scale HBS identifier for one or more HBS CHECK SCALE
MAY BE the original log tally scale HBS identifier for one or more HBS CHECK SCALE
* = Relationships in primary unique identifier.

Entity Name: LT SUMMARY CHECK SCALE**Short Name:** LTSCS**Plural:** LT SUMMARY CHECK SCALE**Init. Volume:** **Avg. Volume:** **Max. Volume:** **Annual Growth Rate:****Subtype of:** CHECK SCALE**Description:**

A summary check scale is a reference to a summary check scale with a return type of Log Tally.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
LOAD ARRIVAL NUMBER		Y VARCHAR2	10
Unique identifier for a piece scale load. Assigned by the scale site (usually sequentially generated) and manually entered for the CHECK SCALE.			
WEIGH SLIP NUMBER		Y NUMBER	10,0
A unique identifier for a sample load. Generated by the weight scale system and manually entered for the CHECK SCALE.			
CHECK REPLACES ORIGINAL IND	YN IND	N VARCHAR2	1
Indicates whether or not the CHECK SCALE will be replacing the original scale return for the purposes of billing (in HBS).			
ORIGINAL SCALE DATE	DATE	N DATE	
Date the original scale was performed.			
ORIGINAL SCALE RETURN NO	HAND HELD RETURN NUMBER	N NUMBER	4,0
A number to uniquely identify a scaler's scale return. Starts at 1 and increments by 1 for each scale return submitted by the scaler regardless of scale site.			
CHK SCALE DATE	DATE	N DATE	
Date the check scale was performed.			
CHK SCALE RETURN NO	HAND HELD RETURN NUMBER	N NUMBER	4,0
A number to uniquely identify a check scaler's check scale. Starts at 1 and increments by 1 for each check scale submitted by the check scaler regardless of scale site.			

* = Attributes in primary unique identifier.

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

Description:

Reference to MOFR ORG UNIT.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ORG UNIT NO		N	NUMBER	10
Reference to MOFR ORG UNIT.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

- MAY BE the designated district for one or more HAULING MARK AUTHORIZATION
 - MAY BE district for one or more INSPECTION REPORT
 - MAY BE the district owning one or more SCALE AUTH TEMPLATE
 - MAY BE the district for one or more SCALE SIGNATORY BLOCK
 - MAY BE the district location for one or more SCALE SITE
 - MAY BE the home district for one or more SCALER
 - MAY BE the designated district for one or more SCALER AUTHORIZATION
 - MAY BE the district or region granting one or more SCALER LICENCE ATTRIBUTE
 - MAY BE the district of conduct for one or more TIMBER CRUISE PLAN
 - MAY BE the district of one or more WASTE ASSESSMENT AREA
- * = *Relationships in primary unique identifier.*

Unique Identifiers:

ORGU	<i>Primary</i>	Y
ORG UNIT NO		

Entity Name:	PIECE SCALED LOG TALLY	Short Name:	PSLT
Plural:	PIECE SCALED LOG TALLY		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	DETAIL SCALE DOC VERSION SUBTYPE2		

Description:
Reference entity from HBS.

Attributes:

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

- Subtypes:*
- LOG TALLY
 - SAMPLE LOG TALLY

Entity Name: PROF DESIGNATION TYPE CODE			<i>Short Name:</i>	PDTC
<i>Plural:</i>	PROF DESIGNATION TYPE CODE			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

A type of professional forestry based designation.
For example:
- Registered Professional Forester (RPF)
- Registered Forest Technologist (RFT).
- Accredited Timber Cruiser (ATC)
- Accredited Timber Evaluator (ATE)

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PROF DESIGNATION TYPE CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the PROF DESIGNATION TYPE CODE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE the professional designation number identifier for one or more TIMBER CRUISE PARTICIPANT
* = Relationships in primary unique identifier.

Unique Identifiers:

PDTC	Primary	Y
PROF DESIGNATION TYPE CODE		

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

Description:

Reference from FTA.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FOREST FILE ID		N	VARCHAR2	10
Reference from FTA.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE identifying the tenure licence number for one or more TIMBER CRUISE PLAN

* = Relationships in primary unique identifier.

Unique Identifiers:

PFU	Primary	Y
FOREST FILE ID		

Entity Name: RISK QUESTION			Short Name:	RIQU
Plural:	RISK QUESTION			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A RISK QUESTION is a multiple choice question which is asked in order to determine the level of risk in an endeavor.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* RISK QUESTION ID	ID	N	NUMBER	15
Unique identifier for a RISK QUESTION.				
QUESTION TEXT	DESCRIPTION LONG	N	VARCHAR2	200
A question whose answer will help in determining a risk level.				
SORT ORDER NO		N	NUMBER	4,0
The order in which this RISK QUESTION should be presented compared to other questions in the same RISK TEMPLATE SECTION.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MAY BE asked by one or more RISK QUESTION RESPONSE

MUST BE asked within one and only one RISK TEMPLATE SECTION

MAY BE responded to with one or more RISK VALID ANSWER

* = *Relationships in primary unique identifier.*

Unique Identifiers:

RIQU UK	<i>Primary</i>	<i>N</i>
<i>MUST BE asked within one and only one RISK TEMPLATE SECTION</i>		
QUESTION TEXT		
RIQU	<i>Primary</i>	<i>Y</i>
RISK QUESTION ID		

Entity Name: RISK QUESTION RESPONSE			Short Name:	RQRS
Plural:	RISK QUESTION RESPONSE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A RISK QUESTION RESPONSE is a specific RISK QUESTION which has been asked as part of a RISK QUESTIONNAIRE. Before the RISK QUESTIONNAIRE can be considered complete each RISK QUESTION RESPONSE must have a RISK VALID ANSWER selected for it.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* RISK QUESTION RESPONSE ID	ID	N	NUMBER	15
Unique identifier for a RISK QUESTION RESPONSE.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE asking one and only one RISK QUESTION
MUST BE asked as part of one and only one RISK QUESTIONNAIRE
MAY BE answered as one and only one RISK VALID ANSWER
* = Relationships in primary unique identifier.

Unique Identifiers:

RQRS UK	Primary	N
MUST BE asked as part of one and only one RISK QUESTIONNAIRE		
MUST BE asking one and only one RISK QUESTION		
RQRS	Primary	Y
RISK QUESTION RESPONSE ID		

Entity Name: RISK QUESTIONNAIRE

Short Name:

RIQR

Plural: RISK QUESTIONNAIRE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A RISK QUESTIONNAIRE is a survey which has been presented and must be answered to determine the level of risk of a specific endeavor.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* RISK QUESTIONNAIRE ID	ID	N	NUMBER	15
A unique identifier for a RISK QUESTIONNAIRE.				
START QUESTIONNAIRE DATE	DATE	N	DATE	
The date on which this RISK QUESTIONNAIRE was initiated.				
COMPLETED QUESTIONNAIRE DATE	DATE	Y	DATE	
The date when this RISK QUESTIONNAIRE was finished, all the answers were recorded and the rating was done.				
COMMENTS TEXT	DESCRIPTION NOTE	Y	VARCHAR2	4000
Free format notes that could be helpful in determining a risk level, but which do not fit into the multiple choice question format.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MUST BE regarding one and only one SCALER

or MUST BE regarding one and only one SCALE SITE

or MUST BE regarding one and only one TIMBER CRUISE PLAN

or MUST BE regarding one and only one WASTE ASSESSMENT AREA

MAY BE consisting of one or more RISK QUESTION RESPONSE

MUST BE an example of one and only one RISK QUESTIONNAIRE TEMPLATE

MUST BE an example of one and only one RISK TEMPLATE TYPE

* = Relationships in primary unique identifier.

Unique Identifiers:

RIQR UK

Primary N

MUST BE an example of one and only one RISK TEMPLATE TYPE

MUST BE regarding one and only one SCALER

MUST BE regarding one and only one SCALE SITE

MUST BE regarding one and only one TIMBER CRUISE PLAN

MUST BE regarding one and only one WASTE ASSESSMENT AREA

START QUESTIONNAIRE DATE

RIQR

Primary Y

RISK QUESTIONNAIRE ID

Entity Name: RISK QUESTIONNAIRE TEMPLATE

Short Name:

RIQT

Plural: RISK QUESTIONNAIRE TEMPLATE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A RISK QUESTIONNAIRE TEMPLATE is a particular version of a RISK QUESTIONNAIRE TYPE which contains a series of multiple choice questions used to determine the level of risk.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* RISK QUESTIONNAIRE TEMPLATE ID	ID	N	NUMBER	15
A unique identifier for a RISK QUESTIONNAIRE TEMPLATE.				
VERSION DESCRIPTION	DESCRIPTION SHORT	N	VARCHAR2	40
Free format text which can distinguish this version of a RISK TEMPLATE TYPE from other versions of the same RISK TEMPLATE TYPE. It should indicate what has changed from previous versions, and why these changes were made.				
VERSION NO		N	NUMBER	15,0
A number that increments each time a RISK QUESTIONNAIRE TEMPLATE is copied into a new, revised template.				
EFFECTIVE DATE	DATE	N	DATE	
The date when this RISK QUESTIONNAIRE TEMPLATE should first be used, superseding the use of earlier RISK QUESTIONNAIRE TEMPLATES.				
EXPIRY DATE	DATE	Y	DATE	
The date after which this RISK QUESTIONNAIRE TEMPLATE should no longer be used, either because a new version should be used, or because the RISK QUESTIONNAIRE will no longer be used.				
<i>The EFFECTIVE DATE and EXPIRY DATE of RISK QUESTIONNAIRE TEMPLATES should not overlap, thereby ensuring only one version for a RISK TEMPLATE TYPE is active at a time.</i>				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MAY BE responded to by one or more RISK QUESTIONNAIRE

MAY BE rated according to one or more RISK RATING

MAY BE broken down into one or more RISK TEMPLATE SECTION

MUST BE a version of one and only one RISK TEMPLATE TYPE

* = Relationships in primary unique identifier.

Unique Identifiers:

RIQT UK

Primary N

MUST BE a version of one and only one RISK TEMPLATE TYPE

VERSION NO

RIQT

Primary Y

RISK QUESTIONNAIRE TEMPLATE ID

Entity Name: RISK RATING

Short Name:

RIRA

Plural: RISK RATING

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A RISK RATING is a level of risk determined by the values of the answers selected for a RISK QUESTIONNAIRE.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* RISK RATING ID	ID	N NUMBER	15
A unique identifier for a RISK RATING.			
DESCRIPTION	CODE DESC	N VARCHAR2	120
Free format text describing what this particular RISK RATING means. For example a rating of "Low" might mean "Check 1 in 4 timber cruises", while a rating of "High" might mean "Check 3 or 4 in 4 timber cruises".			
RANGE LOW VALUE		N NUMBER	5,0
The lowest sum of ANSWER WEIGHTINGS which qualify for this RISK RATING.			
RANGE HIGH VALUE		N NUMBER	5,0
The highest sum of ANSWER WEIGHTINGS which qualify for this RISK RATING.			
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time the record was initially created.			
ENTRY USERID	USERID	N VARCHAR2	30
The unique user id who initially created the record.			
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time on which the record was last updated.			
UPDATE USERID	USERID	N VARCHAR2	30
The unique user id who last updated the record.			
REVISION COUNT	REVISION COUNT	N NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.			

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MUST BE providing ratings for one and only one RISK QUESTIONNAIRE TEMPLATE

MUST BE defined as high, medium or low by one and only one RISK TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

RIRA UK

Primary N

MUST BE providing ratings for one and only one RISK QUESTIONNAIRE TEMPLATE

MUST BE defined as high, medium or low by one and only one RISK TYPE CODE

RIRA

Primary Y

RISK RATING ID

Notes:

All possible values of the sum of the answer weightings should be taken into account. The lowest rating should have a RANGE LOW VALUE of 0, the highest rating should have a RANGE HIGH VALUE equal to, or even greater than, the sum off all the highest weighted answers for each question. No gaps or overlaps should exist between the RANGE HIGH VALUE of one RISK RATING and the next RISK RATING's RANGE LOW VALUE (e.g. if one range is 0 to 30, then next might be 31 to 50, and the next one should start at 51).

Entity Name: RISK TEMPLATE SECTION			Short Name:	RITS
Plural:	RISK TEMPLATE SECTION			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:
A RISK TEMPLATE SECTION is a collection of similar RISK QUESTIONs, used to understand a particular area of risk.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* RISK TEMPLATE SECTION ID	ID	N	NUMBER	15
A unique identifier for a RISK TEMPLATE SECTION.				
TEMPLATE SECTION HEADING	DESCRIPTION LONG	N	VARCHAR2	200
A free format title of this RISK TEMPLATE SECTION. For example, "Risk", "Peformance".				
SORT ORDER NO		N	NUMBER	4,0
The order in which this RISK TEMPLATE SECTION should be presented, in relation to other RISK TEMPLATE SECTIONS in the same RISK QUESTIONNAIRE TEMPLATE.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MAY BE organizing one or more RISK QUESTION
MUST BE a breakdown of one and only one RISK QUESTIONNAIRE TEMPLATE
* = Relationships in primary unique identifier.

Unique Identifiers:

RITS UK	Primary	N
MUST BE a breakdown of one and only one RISK QUESTIONNAIRE TEMPLATE		
TEMPLATE SECTION HEADING		
RITS	Primary	Y
RISK TEMPLATE SECTION ID		

Entity Name: RISK TEMPLATE TYPE			<i>Short Name:</i>	RITT
<i>Plural:</i>	RISK TEMPLATE TYPE			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

A RISK TEMPLATE TYPE is a category of survey or questionnaire used to determine how much risk is associated with a particular endeavor. For example, Scale Site, Scaler, Waste, Timber Cruise.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* RISK TEMPLATE TYPE	CODE UID	N	VARCHAR2	4
A character string which uniquely identifies this RISK TEMPLATE TYPE.				
TEMPLATE TITLE	CODE DESC	N	VARCHAR2	120
A description which distinguishes this RISK TEMPLATE TYPE from other RISK TEMPLATE TYPES, and tells users what the purpose of the template is and when it should be used.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE categorizing one or more RISK QUESTIONNAIRE

MAY BE categorizing one or more RISK QUESTIONNAIRE TEMPLATE

* = Relationships in primary unique identifier.

Unique Identifiers:

RITT UK	<i>Primary</i>	<i>N</i>
TEMPLATE TITLE		
RITT	<i>Primary</i>	<i>Y</i>
RISK TEMPLATE TYPE		

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

Description:

RISK TYPE CODE is a possible level of risk, for example High, Medium or Low.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* RISK TYPE CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the RISK TYPE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE the rating of one or more RISK RATING

* = Relationships in primary unique identifier.

Unique Identifiers:

RYCO	Primary	Y
RISK TYPE CODE		

Entity Name: RISK VALID ANSWER			<i>Short Name:</i>	RIVA
<i>Plural:</i>	RISK VALID ANSWER			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

A RISK VALID ANSWER is a possible answer for a multiple choice question. Different answers have different values allocated to them which are used when determing the risk level.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* RISK VALID ANSWER ID	ID	N	NUMBER	15
A unique identifier for a RISK VALID ANSWER.				
ANSWER TEXT	DESCRIPTION LONG	N	VARCHAR2	200
The text of a multiple choice answer.				
ANSWER WEIGHTING		N	NUMBER	3,0
A numeric value for this RISK VALID ANSWER, which will be summed with the values of other RISK VALID ANSWERs from other questions to calculate a risk rating.				
SORT ORDER NO		N	NUMBER	4,0
The order in which this RISK VALID ANSWER should be presented relative to other RISK VALID ANSWERs for the same question.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE a possible response to one and only one RISK QUESTION
MAY BE the answer for one or more RISK QUESTION RESPONSE
* = Relationships in primary unique identifier.

Unique Identifiers:

RIVA UK	Primary	N
MUST BE a possible response to one and only one RISK QUESTION		
ANSWER TEXT		
RIVA	Primary	Y
RISK VALID ANSWER ID		

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

Description:
Reference entity from HBS.

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 the check sample log tally scale HBS identifier for one or more HBS CHECK SCALE
MAY BE the original log sample tally scale HBS identifier for one or more HBS CHECK SCALE
* = Relationships in primary unique identifier.

Entity Name: SCALE ALLOWED MTHD CONDITION			Short Name:	SAMC
Plural:	SCALE ALLOWED MTHD CONDITION			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

The assertion that a SCALE AUTHORIZATION CONDITION is applicable for a SCALE METHOD TYPE CODE.
For example:

- The condition 'Compliance with Forest Act' is applicable for both Piece and Weight scaling methods.
- The condition 'Authority to Bypass the Weight Scale' is only applicable for Weight.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identified by one and only one SCALE AUTH CONDITION
- * MUST BE identified by one and only one SCALE METHOD TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

SAMC	Primary	Y
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MUST BE identified by one and only one SCALE AUTH CONDITION
MUST BE identified by one and only one SCALE METHOD TYPE CODE

Entity Name: SCALE AUTH CONDITION

Short Name:

SACN

Plural: SCALE AUTH CONDITION

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A SCALE AUTH CONDITION is a clause of provision to be abided by when imposed as part of a SCALER AUTHORIZATION, SCALE SITE AUTHORIZATION or HAULING MARK AUTHORIZATION.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* SCALE AUTH CONDITION ID	ID	N NUMBER	15
System generated sequence number to uniquely identify a SCALE AUTH CONDITION.			
SCALE AUTH CONDITION TITLE	DESCRIPTION LONG	N VARCHAR2	200
The title of the SCALE AUTH CONDITION that introduces the details of the clause.			
SCALE AUTH CONDITION DESC	DESCRIPTION NOTE	N VARCHAR2	4000
The full text of the SCALE AUTH CONDITION.			
MINISTRY STANDARD IND	YN IND	N VARCHAR2	1
Indicates whether or not this is a ministry standard clause that must be imposed.			
SORT ORDER NO		N NUMBER	4,0
Number to indicate the relative position of the condition when displayed.			
EFFECTIVE DATE	DATE	N DATE	
Date the record became effective.			
EXPIRY DATE	DATE	Y DATE	
Date the record expired.			
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time the record was initially created.			
ENTRY USERID	USERID	N VARCHAR2	30
The unique user id who initially created the record.			
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time on which the record was last updated.			
UPDATE USERID	USERID	N VARCHAR2	30
The unique user id who last updated the record.			
REVISION COUNT	REVISION COUNT	N NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.			

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE imposed on one or more HAULING MARK SITE CONDITION

MAY BE identifying one or more SCALE ALLOWED MTHD CONDITION

* MUST BE classified by one and only one SCALE CONDITION CLASS CODE

MAY BE included in one or more SCALE TEMPLATE CONDITION

MAY BE imposed on one or more SCALER AUTHORIZATION CONDITION

MAY BE imposed on one or more SITE AUTHORIZATION CONDITION

* = Relationships in primary unique identifier.

Unique Identifiers:

SACN UK

Primary N

MUST BE classified by one and only one SCALE CONDITION CLASS CODE

SCALE AUTH CONDITION ID

SORT ORDER NO

SACN

Primary Y

MUST BE classified by one and only one SCALE CONDITION CLASS CODE

Entity Name:	SCALE AUTH CONDITION (cont'd)	Short Name:	SACN
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SCALE AUTH CONDITION ID

Entity Name: SCALE AUTH TEMPLATE			Short Name:	SAUT
Plural:	SCALE AUTH TEMPLATE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A SCALE AUTH TEMPLATE is a re-usable set of SCALE AUTHORIZATION CONDITIONS that can be applied as the initial set of CONDITIONS for a:
SCALER AUTHORIZATION
SCALE SITE AUTHORIZATION
HAULING MARK AUTHORIZATION
After the template has been applied, the user may add or remove AUTHORIZATION CONDITIONS the specific authorization as required.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE AUTH TEMPLATE ID	ID	N	NUMBER	15
System generated sequence number to uniquely identify a SCALE AUTH TEMPLATE.				
SCALE AUTH TEMPLATE NAME	DESCRIPTION LONG	N	VARCHAR2	200
Descriptive name for the SCALE AUTH TEMPLATE.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE owned by a district identified by one and only one ORG UNIT
MUST BE for one and only one SCALE CONDITION CLASS CODE
MAY BE including one or more SCALE TEMPLATE CONDITION
* = Relationships in primary unique identifier.

Unique Identifiers:

SAUT	Primary	Y
SCALE AUTH TEMPLATE ID		

Entity Name:	SCALE BUSINESS FUNCTION CODE			Short Name:	SBFC
Plural:	SCALE BUSINESS FUNCTION CODE				
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:		

Description:

The type scaling business functionality that can be addressed by industry scaling software.
For example:
- Piece Scaling
- Weight Scaling
- Industry Business

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE BUSINESS FUNCTION CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the SCALE BUSINESS FUNCTION CODE.				
DESCRIPTION		N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE identifying one or more SOFTWARE TYPE
* = Relationships in primary unique identifier.

Unique Identifiers:

SBFC	Primary	Y
SCALE BUSINESS FUNCTION CODE		

Entity Name: SCALE CONDITION CLASS CODE			Short Name:	SCCD
Plural:	SCALE CONDITION CLASS CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A classification of CONDITIONS that restricts to which type of authorization a CONDITION may be imposed upon.
For example:
- SCALER AUTHORIZATION
- SCALE SITE AUTHORIZATION
- HAULING MARK AUTHORIZATION

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE CONDITION CLASS CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the SCALE CONDITION CLASS CODE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE classifying one or more SCALE AUTH CONDITION
MAY BE having one or more SCALE AUTH TEMPLATE
* = Relationships in primary unique identifier.

Unique Identifiers:

SCCD	Primary	Y
SCALE CONDITION CLASS CODE		

Entity Name: SCALE CTL SYSTEM SETTING			Short Name:	SSYS
Plural:	SCALE CTL SYSTEM SETTING			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A SCALE CTL SYSTEM SETTING is a system wide global variable value.
For example:
- SCS system version number (1.0.0)
- Opening page message

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE CTL SYSTEM SETTING KEY	CODE UID	N	VARCHAR2	4
System developer supplied unique identifier.				
DESCRIPTION		N	VARCHAR2	120
Description of what the SCALE CTL SYSTEM SETTING is used for.				
SYSTEM SETTING VALUE	DESCRIPTION NOTE	N	VARCHAR2	4000
The value of the system setting. The application will perform any necessary conversions to different formats.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

SSYS	Primary	Y
SCALE CTL SYSTEM SETTING KEY		

Short Name: HBS_SGC

Init. Volume: Avg. Volume:

Annual Growth Rate:

Reference from HBS

Length

4

* = Attributes in primary unique identifier.

* = Relationships in primary unique identifier.

Primary	Y
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SCALE GRADE CODE

Entity Name: SCALE GRADING SYSTEM CODE		Short Name:	SGCD
Plural:	SCALE GRADING SYSTEM CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

The system used to assess the value of timber depending on the unique geographical growing conditions

For Example:

- Interior
- Coast
- Not Applicable

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE GRADING SYSTEM CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the GRADE ENDORSEMENT CODE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE identifying one or more SCALER VALID LICENCE ATTRIBUTE

* = Relationships in primary unique identifier.

Unique Identifiers:

SGCD	Primary	Y
SCALE GRADING SYSTEM CODE		

Entity Name: SCALE INSPECTION REPORT

Short Name:

SINR

Plural: SCALE INSPECTION REPORT

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A SITE INSPECTION is the examination of a SCALE SITE conducted by the Forest Service to assess compliance with the scale site authorization and ensure scaling conditions support an accurate and complete scale. Where the inspection reveals contravention of Forest Service requirements, the inspection may result in an instruction letter, a suspension, or penalty as provided under the Forest Act.

A SITE INSPECTION may be conducted at the same time as a check scale or as a separate inspection. Like a check scale, a SITE INSPECTION is unannounced and random whenever feasible.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
SITE OPERATOR PRESENT IND	YN IND	N	VARCHAR2	1
Y indicates the site operator was present during the inspection				
N indicates the site operator was not present during the inspection				
LEGACY INSPECTION ID		Y	NUMBER	10,0
The LEGACY INSPECTION ID is the identifier used to track the Site Inspections from the previous version of SCS.				
Only those legacy records will have a LEGACY INSPECTION ID.				
This is converted from SITE_INSPECTION . INSPECTION_NUMBER.				
HH DATA TRANSFER TIMESTAMP	DATE TIME	Y	DATE	
Date and time the data was transferred from the Hand Held system.				
HH DATA TRANSFER USERID	USERID	Y	VARCHAR2	30
Application user id of the user that performed the data transfer from the Hand Held system.				
COMMENTS TEXT	DESCRIPTION NOTE	Y	VARCHAR2	4000
General comments about the inspection.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE inspection of one or more INSPECTED SCALING METHOD

* MUST BE identified by one and only one INSPECTION REPORT

MAY BE follow up to one and only one SCALE INSPECTION REPORT

MAY BE following up on one or more SCALE INSPECTION REPORT

MUST BE conducted for one and only one SCALE SITE

MUST BE conducted as one and only one SCALE SITE INSPCTN TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

SINR

Primary Y

MUST BE identified by one and only one INSPECTION REPORT

Entity Name: SCALE JOB FUNCTION			<i>Short Name:</i>	SJBF
<i>Plural:</i>	SCALE JOB FUNCTION			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

The inclusion of a SCALE METHOD TYPE CODE to define the capacity of what a scaler may do as part of the SCALER AUTHORIZATION.
This is typically used for the interior.
The existence of a SCALE JOB FUNCTION on a SCALER AUTHORIZATION will include the SCALE METHOD TYPE .
SCALER AUTHORIZATION CLAUSE on the authorization letter.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identified by one and only one SCALE METHOD TYPE CODE
- * MUST BE a scale method for one and only one SCALER AUTHORIZATION
- * = Relationships in primary unique identifier.

Unique Identifiers:

SJBF	Primary	Y
MUST BE a scale method for one and only one SCALER AUTHORIZATION		
MUST BE identified by one and only one SCALE METHOD TYPE CODE		

Entity Name: SCALE METHOD AUTH CLAUSE**Short Name:**

SMAC

Plural: SCALE METHOD AUTH CLAUSE**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

A SCALE METHOD AUTH CLAUSE is a clause that is included on a scaler's authorization letter that will elaborate the scaler's job function.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* SCALE METHOD AUTH CLAUSE ID	ID	N NUMBER	15
System generated sequence number to uniquely identify a SCALE METHOD AUTH CLAUSE.			
SCALER AUTHORIZATION CLAUSE	DESCRIPTION LONG	N VARCHAR2	200
The phrase included on a scaler authorization letter describing the method of scaling. For example: - Weight = 'to Weight and Stratify Timber' - Piece = 'to Scale and Classify Timber'			
EFFECTIVE DATE	DATE	N DATE	
Date the record became effective.			
EXPIRY DATE	DATE	Y DATE	
Date the record expired.			
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time the record was initially created.			
ENTRY USERID	USERID	N VARCHAR2	30
The unique user id who initially created the record.			
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time on which the record was last updated.			
UPDATE USERID	USERID	N VARCHAR2	30
The unique user id who last updated the record.			
REVISION COUNT	REVISION COUNT	N NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.			
* = Attributes in primary unique identifier.			

Relationships:Each Occurrence Of This Entity:

MUST BE the authorization clause for one and only one SCALE METHOD TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

SMAC	Primary	Y
SCALE METHOD AUTH CLAUSE ID		

Entity Name: SCALE METHOD TYPE CODE			Short Name:	SCMD
Plural:	SCALE METHOD TYPE CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A method in which the value of a log is assessed.
For example:
- Piece
- Weight
- Special Forest Products

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE METHOD TYPE CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the SCALING METHOD TYPE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the scale method type.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE identifying one or more INSPECTED SCALING METHOD
MAY BE identifying one or more SCALE ALLOWED MTHD CONDITION
MAY BE identifying one or more SCALE JOB FUNCTION
MAY BE having a scaler authorization clause identified by one or more SCALE METHOD AUTH CLAUSE
MAY BE included in one or more SCALING METHOD QUESTION
MAY BE identifying one or more SITE SCALING METHOD
* = Relationships in primary unique identifier.

Unique Identifiers:

SCMD	Primary	Y
SCALE METHOD TYPE CODE		

Entity Name: SCALE PRODUCT CODE		Short Name:	HBS_SPC
Plural:	SCALE PRODUCT CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:
Reference from HBS

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE PRODUCT CODE	CODE UID	N	VARCHAR2	4
Reference from HBS				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MAY BE identifying one or more AUTHORIZED FOREST PRODUCT
MAY BE identifying one or more SPECIES PRODUCT GRADE XREF
* = Relationships in primary unique identifier.

Unique Identifiers:

SPC	Primary	Y
SCALE PRODUCT CODE		

Entity Name: SCALE SIGNATORY BLOCK			<i>Short Name:</i>	SGBK
<i>Plural:</i>	SCALE SIGNATORY BLOCK			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Name and title of a person sending ministry scaling related correspondence. Signatory blocks belong to individual org units.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE SIGNATORY BLOCK ID	ID	N	NUMBER	15
System generated sequence number to uniquely identify a SCALE SIGNATORY BLOCK.				
FIRST NAME	NAME	N	VARCHAR2	40
The first name of a person.				
MIDDLE NAME	NAME	Y	VARCHAR2	40
The middle name of a person.				
LAST NAME	NAME	N	VARCHAR2	40
The last name of a person.				
SIGNATURE TITLE	DESCRIPTION SHORT	N	VARCHAR2	40
The person's title.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE a signing authority for one and only one ORG UNIT

* = *Relationships in primary unique identifier.*

Unique Identifiers:

SGBK	Primary	Y
SCALE SIGNATORY BLOCK ID		

Entity Name: SCALE SITE*Short Name:*

SCST

Plural: SCALE SITE*Init. Volume:**Avg. Volume:**Max. Volume:**Annual Growth Rate:***Description:**

A SCALE SITE is physical space located in the province of British Columbia which has been prepared where scaling (determining the volume or quantity of timber or classify the quality of that timber) can be performed.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE SITE ID NMBR	SCALE SITE ID	N	VARCHAR2	4
System generated number to uniquely identify a SCALE SITE. Legacy SCALE SITE IDs where composed of both alpha and numerical characters. All new SCALE SITE IDs will be generated sequentially starting from 1111.				
Note: This name has been retained from old SCS for HBS compatibility.				
SITE NAME	DESCRIPTION SHORT	N	VARCHAR2	40
The common name given to a site.				
Note: This name has been retained from old SCS for HBS compatibility.				
SITE LOCATION	DESCRIPTION LONG	N	VARCHAR2	200
The legal description of the land occupied by the SCALE SITE.				
Note: This name has been retained from old SCS for HBS compatibility.				
TIMBER BRAND		Y	VARCHAR2	7
A unique mark applied to timber to indicate it was scaled at the site.				
Initially the timber mark is the district code concatenated with the site ID. The district code may change due to reorganization; however timber mark will not change for a site.				
LATITUDE DEGREES	GIS DEGREES LATITUDE	Y	NUMBER	2,0
The latitude (degrees portion) of the SCALE SITE's location.				
LATITUDE MINUTES	GIS MINUTES	Y	NUMBER	2,0
The latitude minute portion) of the SCALE SITE's location.				
LATITUDE SECONDS	GIS SECONDS	Y	NUMBER	2,0
The latitude (seconds portion) of the SCALE SITE's location.				
LONGITUDE DEGREES	GIS DEGREES LONGITUDE	Y	NUMBER	3,0
The longitude (degrees portion) of the SCALE SITE's location.				
LONGITUDE MINUTES	GIS MINUTES	Y	NUMBER	2,0
The longitude (minutes portion) of the SCALE SITE's location.				
LONGITUDE SECONDS	GIS SECONDS	Y	NUMBER	2,0
The longitude (seconds portion) of the SCALE SITE's location.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:

Entity Name:	SCALE SITE (cont'd)	Short Name:	SCST
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Each Occurrence Of This Entity:

- MAY BE the check scale site for one or more CHECK SCALE
 - MUST BE owned by one and only one CLIENT LOCATION
 - MAY BE to one or more DTL DOC BATCH
 - MAY BE a designated site for one or more HAULING MARK SITE
 - MUST BE located within a district identified by one and only one ORG UNIT
 - MAY BE the subject of one or more RISK QUESTIONNAIRE
 - MAY BE having one or more SCALE INSPECTION REPORT
 - MAY BE having one or more SCALE SITE AUTHORIZATION
 - MAY BE having one or more SCALE SITE CONTACT
 - MAY BE the authorized site for one or more SCALER AUTHORIZED SITE
 - MAY BE including one or more SITE SCALING METHOD
 - MAY BE identifying the site of utilization for one or more SOFTWARE UTILIZATION
- * = Relationships in primary unique identifier.

Unique Identifiers:

SCST UK	Primary	N
TIMBER BRAND		
SCST	Primary	Y
SCALE SITE ID NMBR		

SSLR

Init. Volume: Avg. Volume:

Annual Growth Rate:

Attributes:

Name

Opt Format

Length

N IMAGE

* = Attributes in primary unique identifier.

Each Occurrence Of This Entity:

* = Relationships in primary unique identifier.

SSLR

Primary Y

MUST BE storing the letter for one and only one SCALE SITE AUTHORIZATION

Entity Name: SCALE SITE AUTHORIZATION**Short Name:**

SSAU

Plural: SCALE SITE AUTHORIZATION**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

A SCALE SITE AUTHORIZATION is the granting of permission by the Ministry to allow timber to be scaled at a SCALE SITE.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE SITE AUTHORIZATION ID	ID	N	NUMBER	15
System generated sequence number to uniquely identify a SCALE SITE AUTHORIZATION.				
LETTER ARCS FILE NO	ARCS FILE NUMBER	Y	VARCHAR2	20
User supplied number used to track the physical letter.				
AUTHORIZATION EFFECTIVE DATE	DATE	N	DATE	
The date the authorization was issued by the Ministry.				
AUTHORIZATION EXPIRY DATE	DATE	N	DATE	
Date the authorization expires.				
EXPIRY NOTIFICATION IND	YN IND	N	VARCHAR2	1
Indicates whether or not the approaching expiration of the SCALE SITE AUTHORIZATION has been addressed by the user or not.				
EXPECTED SCALE VOLUME	EXPECTED SCALE VOLUME	N	NUMBER	10,0
The amount of timber expected to be scaled during the duration of the authorization measured in m3.				
CANCELLATION DATE	DATE	Y	DATE	
Date the authorization was cancelled.				
If this date is supplied a CANCELLATION REASON TXT must also be supplied.				
Must be prior to the EXPIRY DATE.				
CANCELLATION REASON TXT	DESCRIPTION LONG	Y	VARCHAR2	200
A description of the reason why the SCALE SITE AUTHORIZATION was cancelled.				
Must be supplied if a CANCELLATION DATE is supplied, otherwise must be null.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MUST BE for one and only one SCALE SITE

MAY BE having the letter stored in one and only one SCALE SITE AUTH LETTER

MAY BE including one or more SITE AUTHORIZATION CONDITION

* = Relationships in primary unique identifier.

Unique Identifiers:

SSAU

Primary Y

Entity Name:	SCALE SITE AUTHORIZATION (cont'd)	<i>Short Name:</i>	SSAU
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SCALE SITE AUTHORIZATION ID

Entity Name: SCALE SITE CONTACT

Short Name:

SICT

Plural: SCALE SITE CONTACT

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A SITE CONTACT is an individual the ministry may contact at or in regards to a SCALE SITE.

Note: This does not include SCALERS.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
CONTACT ROLE DESCRIPTION	DESCRIPTION SHORT	N	VARCHAR2	40
Description of the contact's role at the SCALE SITE. For example: - Bucking Contractor - Site Contact				
PRIMARY CONTACT IND	YN IND	N	VARCHAR2	1
Indicates whether or not the contact is considered the primary contact.				
SITE INFORMATION ACCESS IND	YN IND	N	VARCHAR2	1
Indicates whether or not the SITE CONTACT has been granted the ability to view the site's information via the SCS application system. The site contact must have: 1. Authentication via WebADE 2. Authorization to access specific SCS web services via ADAM				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	Y	DATE	
Date the record expired.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

- * MUST BE identified by one and only one CLIENT BUSINESS CONTACT
- * MUST BE for one and only one SCALE SITE

* = Relationships in primary unique identifier.

Unique Identifiers:

SICT Primary Y

MUST BE for one and only one SCALE SITE

MUST BE identified by one and only one CLIENT BUSINESS CONTACT

Entity Name: SCALE SITE INSPCTN TYPE CODE			Short Name:	SITC
Plural:	SCALE SITE INSPCTN TYPE CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A classification of a SCALE SITE INSPECTION that will define the breadth or thoroughness of the inspection.

For Example:

- Regular
- Major
- Minor

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE SITE INSPCTN TYPE CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the SITE ROLE CODE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE including one or more INSPECTION TYPE QUESTION

MAY BE identifying the type of inspection for one or more SCALE INSPECTION REPORT

* = Relationships in primary unique identifier.

Unique Identifiers:

SITC	Primary	Y
SCALE SITE INSPCTN TYPE CODE		

Entity Name: SCALE SITE PRIORITY CODE			<i>Short Name:</i>	SSPC
<i>Plural:</i>	SCALE SITE PRIORITY CODE			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

A relative level of importance.
For example:
- Primary
- Secondary
- Tertiary

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE SITE PRIORITY CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the PRIORITY CODE.				
DESCRIPTION		N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE defining the priority of one or more SITE SCALING METHOD

* = Relationships in primary unique identifier.

Unique Identifiers:

SSPC	Primary	Y
SCALE SITE PRIORITY CODE		

Entity Name: SCALE SPECIES CODE		Short Name:	HBS_SSC
Plural:	SCALE SPECIES CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:
Reference from HBS

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE SPECIES CODE	CODE UID	N	VARCHAR2	4
Reference from HBS				
* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MAY BE identifying one or more SPECIES CONTENT
MAY BE identifying the species for one or more SPECIES PRODUCT GRADE XREF
* = Relationships in primary unique identifier.

Unique Identifiers:

HBS_SSC	Primary	Y
SCALE SPECIES CODE		

Entity Name:	SCALE TEMPLATE CONDITION	Short Name:	STPC
Plural:	SCALE TEMPLATE CONDITION		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

A SCALE TEMPLATE CONDITION is the inclusion of a CONDITION to an AUTHORIZATION TEMPLATE.
Only CONDITIONS of the same type (Site, Scaler, or Timber) as the AUTHORIZATION TEMPLATE can be included.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identified by one and only one SCALE AUTH CONDITION
- * MUST BE included for one and only one SCALE AUTH TEMPLATE

* = Relationships in primary unique identifier.

Unique Identifiers:

STPC	Primary	Y
MUST BE included for one and only one SCALE AUTH TEMPLATE		
MUST BE identified by one and only one SCALE AUTH CONDITION		

Entity Name: SCALER

Short Name:

SCLR

Plural: SCALER

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A SCALER is person who has achieved the permission to scale in the Province either by completing an examination process or being appointed by a regional manager, district manager or an authorized designate.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* SCALER LICENCE NO	SCALER LICENCE NUMBER	N VARCHAR2	4
System generated unique licence number.			
ISSUED DATE	DATE	N DATE	
Date the licence was issued.			
EXPIRY DATE	DATE	Y DATE	
Date the licence expires.			
Licences that are only Waste and Residue will have an expiry date, Scale licences do not.			
OATH TAKEN IND	YN IND	N VARCHAR2	1
Indicates if the scaler's oath has been taken.			
Each scaler after passing the scaling exam, before his / her first authorization requires to swear the scaler's oath.			
LICENCE CANCELLED DATE		Y DATE	
The date the licence was cancelled by the ministry.			
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time the record was initially created.			
ENTRY USERID	USERID	N VARCHAR2	30
The unique user id who initially created the record.			
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time on which the record was last updated.			
UPDATE USERID	USERID	N VARCHAR2	30
The unique user id who last updated the record.			
REVISION COUNT	REVISION COUNT	N NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.			
* = Attributes in primary unique identifier.			

Relationships:Each Occurrence Of This Entity:

MAY BE check scaler for one or more CHECK SCALE

MAY BE having performance as the original scler checked by one or more CHECK SCALE

MUST BE identified by one and only one FOREST CLIENT

MUST BE having their home district identified by one and only one ORG UNIT

MAY BE the subject of one or more RISK QUESTIONNAIRE

MAY BE assigned one or more SCALER ASSIGNED LIC TYPE

MAY BE authorized scaler for one or more SCALER AUTHORIZATION

MAY BE having their license elaborated by one or more SCALER LICENCE ATTRIBUTE

MAY BE having issued to them one or more SCALER PERFORMANCE REMARK

MAY BE having their educational history recorded by one or more SCALER TRAINING

* = Relationships in primary unique identifier.

Unique Identifiers:

SCLR UK

Primary N

MUST BE identified by one and only one FOREST CLIENT

Entity Name:	SCALER (cont'd)	<i>Short Name:</i>	SCLR
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SCLR

Primary *Y*

SCALER LICENCE NO

Entity Name: SCALER APPOINTMENT TYPE

Short Name:

SAPT

Plural: SCALER APPOINTMENT TYPE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A SCALER APPOINTMENT TYPE is a designation that defines the scope of work a SCALER may perform.

For example:

- Acting
- Check
- Official
- Forest Service

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALER APPOINTMENT TYPE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the SCALER APPOINTMENT TYPE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
ACTING IND	YN IND	N	VARCHAR2	1
Indicates whether or not the appointment is 'Acting'.				
Acting appointments will lose precedence to other appointments or the existence of an 'Exam' in the Scaler's Scaler Training.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE identifying one or more SCALER VALID LICENCE ATTRIBUTE

* = Relationships in primary unique identifier.

Unique Identifiers:

APTY

Primary Y

SCALER APPOINTMENT TYPE

Entity Name: SCALER ASSIGNED LIC TYPE			Short Name:	SLCT
Plural:	SCALER ASSIGNED LIC TYPE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

The inclusion of a SCALER LICENCE TYPE CODE to a scaler's licence.
For example:

- A scaler's licence may just have 'Scaling'
- A scaler's licence may just have 'Waste and Residue'
- A scaler's licence may both 'Scaling' and 'Waste and Residue'

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE assigned to one and only one SCALER
- * MUST BE identified by one and only one SCALER LICENCE TYPE CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

SLCT	Primary	Y
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MUST BE assigned to one and only one SCALER

MUST BE identified by one and only one SCALER LICENCE TYPE CODE

Entity Name: SCALER AUTHORIZATION**Short Name:** SCAU**Plural:** SCALER AUTHORIZATION**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

A SCALER AUTHORIZATION is the granting of permission to a SCALER to scale at one or more scale sites or to scale at all scale sites within a district.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* SCALER AUTHORIZATION ID	ID	N NUMBER	15
System generated sequence number to uniquely identify a SCALER AUTHORIZATION.			
DISTRICT WIDE IND	YN IND	N VARCHAR2	1
Indicates whether or not the SCALER AUTHORIZATION authorizes the SCALER for all sites in the district or not.			
If this is yes then there can be no associated SCALER AUTHORIZED SITE.			
If this is no then there must be at least one associated SCALER AUTHORIZED SITE.			
LETTER ARCS FILE NUMBER	ARCS FILE NUMBER	Y VARCHAR2	20
User supplied number used to track the physical letter.			
AUTHORIZATION EFFECTIVE DATE	DATE	N DATE	
The date the authorization became effective.			
AUTHORIZATION EXPIRY DATE	DATE	N DATE	
Date the authorization expires.			
EXPIRY NOTIFICATION IND	YN IND	N VARCHAR2	1
Indicates whether or not the approaching expiration of the SCALER AUTHORIZATION has been addressed by the user or not.			
CANCELLATION DATE	DATE	Y DATE	
The date the SCALER AUTHORIZATION was cancelled by the Ministry.			
If this date is supplied a CANCELLATION REASON TXT must also be supplied.			
Must be prior to the AUTHORIZATION EXPIRY DATE.			
CANCELLATION REASON TXT	DESCRIPTION LONG	Y VARCHAR2	200
A description of the reason why the SCALER AUTHORIZATION was cancelled. Must be supplied if a CANCELLATION DATE is supplied, otherwise must be null.			
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time the record was initially created.			
ENTRY USERID	USERID	N VARCHAR2	30
The unique user id who initially created the record.			
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time on which the record was last updated.			
UPDATE USERID	USERID	N VARCHAR2	30
The unique user id who last updated the record.			
REVISION COUNT	REVISION COUNT	N NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.			

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE including one or more AUTHORIZED FOREST PRODUCT

MUST BE the designation for a districted identified by one and only one ORG UNIT

MAY BE including one or more SCALE JOB FUNCTION

MUST BE having the scaler identified by one and only one SCALER

MAY BE exacted with one or more SCALER AUTHORIZATION CONDITION

MAY BE having the letter stored in one and only one SCALER AUTHORIZATION LETTER

Entity Name:	SCALER AUTHORIZATION (cont'd)	<i>Short Name:</i>	SCAU
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MAY BE including one or more SCALER AUTHORIZED SITE

* = Relationships in primary unique identifier.

Unique Identifiers:

SCAU	Primary	Y
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SCALER AUTHORIZATION ID

Entity Name: SCALER AUTHORIZATION CONDITION		Short Name:	SAUC
Plural:	SCALER AUTHORIZATION CONDITION		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

SCALER AUTHORIZATION CONDITION is an AUTHORIZATION CONDITION that is imposed upon a SCALER as part of their SCALER AUTHORIZATION.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identified by one and only one SCALE AUTH CONDITION
- * MUST BE imposed as part of one and only one SCALER AUTHORIZATION

* = Relationships in primary unique identifier.

Unique Identifiers:

SAUC	Primary	Y
MUST BE imposed as part of one and only one SCALER AUTHORIZATION		
MUST BE identified by one and only one SCALE AUTH CONDITION		

Entity Name: SCALER AUTHORIZATION LETTER		<i>Short Name:</i>	SALR
<i>Plural:</i>	SCALER AUTHORIZATION LETTER		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

A SCALER AUTHORIZATION LETTER is the container for the electronic version of the scaler authorization letter.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
LETTER BLOB		N	IMAGE	
The binary source of the letter in PDF (Adobe Portable Document Format).				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

<u>Each Occurrence Of This Entity:</u>
* MUST BE storing the letter for one and only one SCALER AUTHORIZATION
* = <i>Relationships in primary unique identifier.</i>

Unique Identifiers:

SALR	<i>Primary</i>	Y
MUST BE storing the letter for one and only one SCALER AUTHORIZATION		

Entity Name: SCALER AUTHORIZED SITE			<i>Short Name:</i>	SAUS
<i>Plural:</i>	SCALER AUTHORIZED SITE			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

The inclusion of a SCALE SITE that a SCALER can scale at as part of their SCALER AUTHORIZATION.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- * MUST BE having the site identified by one and only one SCALE SITE
- * MUST BE included for one and only one SCALER AUTHORIZATION
- * = Relationships in primary unique identifier.

Unique Identifiers:

SAUS	<i>Primary</i>	<i>Y</i>
<i>MUST BE included for one and only one SCALER AUTHORIZATION</i>		
<i>MUST BE having the site identified by one and only one SCALE SITE</i>		

Entity Name: SCALER LICENCE ATTRIBUTE

Short Name:

SLAT

Plural: SCALER LICENCE ATTRIBUTE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A LICENSE ATTRIBUTE is the inclusion of a VALID LICENCE ATTRIBUTE on a SCALER'S licence.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* SCALER LICENCE ATTRIBUTE ID	ID	N NUMBER	15
System generated sequence number to uniquely identify a LICENCE ATTRIBUTE.			
PROVINCE WIDE IND	YN IND	N VARCHAR2	1
Indicates whether or not this LICENCE ATTRIBUTE is applicable province wide or not.			
If this is Y, then the 'having the grant area identified by ORG UNIT' relationship must be null.			
If this is N, then the 'having the grant area identified by ORG UNIT' relationship must be supplied.			
ISSUED DATE	DATE	N DATE	
Date the LICENSE CREDENTIAL was issued by the Ministry.			
EXPIRY DATE	DATE	Y DATE	
Date the record expired.			
CANCELLATION DATE	DATE	Y DATE	
Date the LICENCE ATTRIBUTE was cancelled by the Ministry.			
If this date is supplied a CANCELLATION REASON TXT must also be supplied.			
CANCELLATION REASON TXT	DESCRIPTION LONG	Y VARCHAR2	200
A description of the reason why the SCALER LICENCE ATTRIBUTE was cancelled.			
Must be supplied if a CANCELLATION DATE is supplied, otherwise must be null.			
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time the record was initially created.			
ENTRY USERID	USERID	N VARCHAR2	30
The unique user id who initially created the record.			
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time on which the record was last updated.			
UPDATE USERID	USERID	N VARCHAR2	30
The unique user id who last updated the record.			
REVISION COUNT	REVISION COUNT	N NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.			

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE having the grant area identified by one and only one ORG UNIT

MUST BE an elaboration of the license for one and only one SCALER

MUST BE identified by one and only one SCALER VALID LICENCE ATTRIBUTE

* = Relationships in primary unique identifier.

Unique Identifiers:

SLAT

Primary Y

SCALER LICENCE ATTRIBUTE ID

Entity Name: SCALER LICENCE TYPE CODE			Short Name:	SLCD
Plural:	SCALER LICENCE TYPE CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A the top level type of scaling method.
For Example:
- Scale
- Waste

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALER LICENCE TYPE CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the LICENCE TYPE CODE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE assigned to one or more SCALER ASSIGNED LIC TYPE
* = Relationships in primary unique identifier.

Unique Identifiers:

SLCD	Primary	Y
SCALER LICENCE TYPE CODE		

Entity Name: SCALER PERFORMANCE ACTN CODE		Short Name:	SPAC
Plural:	SCALER PERFORMANCE ACTN CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

A type of action that must be imposed on a SCALER PERFORMANCE REMARK, when no SCALER PERFORMANCE OUTCM CODE is imposed, that is not of disciplinary nature.
For Example:
- Direction Given at Site
- Review by Scaling Supervisor
- No Action

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALER PERFORMANCE ACTN CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the NON SIGNIFICANT ACTION CODE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE the result of one or more SCALER PERFORMANCE REMARK
* = Relationships in primary unique identifier.

Unique Identifiers:

SPAC	Primary	Y
SCALER PERFORMANCE ACTN CODE		

Entity Name: SCALER PERFORMANCE OUTCM CODE		Short Name:	SPOC
Plural:	SCALER PERFORMANCE OUTCM CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

A type of action that must be imposed on a SCALER PERFORMANCE REMARK, when no SCALER PERFORMANCE ACTN CODE is imposed, that is of disciplinary nature.
For Example:
- Recommend Suspension
- Recommend Warning

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALER PERFORMANCE OUTCM CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the SIGNIFICANT ACTION CODE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE the result of one or more SCALER PERFORMANCE REMARK
* = Relationships in primary unique identifier.

Unique Identifiers:

SPOC	Primary	Y
SCALER PERFORMANCE OUTCM CODE		

Entity Name: SCALER PERFORMANCE REMARK

Short Name:

SCPR

Plural: SCALER PERFORMANCE REMARK

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

SCALER PERFORMANCE REMARK is the notation of a SCALER's performance with respect to their license or appointment.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALER PERFORMANCE REMARK ID	ID	N	NUMBER	15
System generated sequence number to uniquely identify a SCALER PERFORMANCE REMARK.				
LOGGED TIMESTAMP	DATE TIME	N	DATE	
Date and time the SCALER PERFORMANCE REMARK was logged.				
LOGGED USERID	USERID	N	VARCHAR2	30
User id that logged the SCALER PERFORMANCE REMARK				
PERFORMANCE REMARK DESC	DESCRIPTION NOTE	N	VARCHAR2	4000
Description of the scaler's performance				
OUTCOME DESC	DESCRIPTION NOTE	Y	VARCHAR2	4000
Description of the action taken.				
SUSPEND START DATE	DATE	Y	DATE	
If the results of the performance remark leads to a suspension, this is the start date of the suspension.				
SUSPEND END DATE	DATE	Y	DATE	
If the results of the performance remark leads to a suspension,, this is the end date of the suspension.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MUST BE resulting in one and only one SCALER PERFORMANCE OUTCM CODE
 or MUST BE resulting in one and only one SCALER PERFORMANCE ACTN CODE
 MAY BE referring to one and only one CHECK SCALE
 MUST BE issued to one and only one SCALER

* = Relationships in primary unique identifier.

Unique Identifiers:

SCPR

Primary Y

SCALER PERFORMANCE REMARK ID

Entity Name: SCALER TRAINING			<i>Short Name:</i>	SRTR
<i>Plural:</i>	SCALER TRAINING			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

SCALER TRAINING is an examination or upgrade required for the SCALER to achieve, and the date it was achieved.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
COMPLETION DATE	DATE	Y	DATE	
Date the SCALER is required to complete their training. If the current system date exceeds this date and there is no EFFECTIVE DATE the SCALER is considered to not have completed the training.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE the educational log for one and only one SCALER
- * MUST BE noting the completion of one and only one SCALER TRAINING TYPE
- * = Relationships in primary unique identifier.

Unique Identifiers:

SRTR	Primary	Y
MUST BE the educational log for one and only one SCALER		
MUST BE noting the completion of one and only one SCALER TRAINING TYPE		

Entity Name: SCALER TRAINING CLASS CODE		<i>Short Name:</i>	STCC
<i>Plural:</i>	SCALER TRAINING CLASS CODE		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

A classification of the type of training assessment.
For example:
- Exam
- Upgrade

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALER TRAINING CLASS CODE	CODE UID	N	VARCHAR2	4
User readable value to uniquely identify the SCALER TRAINING CLASS CODE.				
DESCRIPTION	CODE DESC	N	VARCHAR2	120
Description of the code.				
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	N	DATE	
Date the record expired.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
Date and time the record was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE classifying one or more SCALER TRAINING TYPE
* = Relationships in primary unique identifier.

Unique Identifiers:

STCC	Primary	Y
SCALER TRAINING CLASS CODE		

Entity Name: SCALER TRAINING TYPE

Short Name:

SCTY

Plural: SCALER TRAINING TYPE

Init. Volume:

Avg. Volume:

Max. Volume:

Annual Growth Rate:

Description:

A specific set of questions or exercises used to assess the knowledge or skill of a SCALER on a specific topic

For Example:

- Licensed Scaler Exam
- Metric Upgrade
- Interior Grading 2

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* SCALER TRAINING TYPE ID	CODE UID	N VARCHAR2	4
System generated sequence number to uniquely identify a SCALER TRAINING TYPE.			
LICENCE ACCREDIT IND	YN IND	N VARCHAR2	1
Indicates whether or not this SCALER TRAINING TYPE constitutes an added accredit to the scaler's licence			
DESCRIPTION	CODE DESC	N VARCHAR2	120
Description of the code.			
EFFECTIVE DATE	DATE	N DATE	
Date the record became effective.			
EXPIRY DATE	DATE	Y DATE	
Date the record expired.			
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time the record was initially created.			
ENTRY USERID	USERID	N VARCHAR2	30
The unique user id who initially created the record.			
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time on which the record was last updated.			
UPDATE USERID	USERID	N VARCHAR2	30
The unique user id who last updated the record.			
REVISION COUNT	REVISION COUNT	N NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.			
* = Attributes in primary unique identifier.			

Relationships:Each Occurrence Of This Entity:

MAY BE identifying one or more SCALER TRAINING

- * MUST BE classified by one and only one SCALER TRAINING CLASS CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

SCTY

Primary Y

MUST BE classified by one and only one SCALER TRAINING CLASS CODE
SCALER TRAINING TYPE ID

Entity Name: SCALER VALID LICENCE ATTRIBUTE**Short Name:**

SVDL

Plural: SCALER VALID LICENCE ATTRIBUTE**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

A VALID LICENCE ATTRIBUTE the valid combination of a GRADING SYSTEM and APPOINTMENT CODE that can be applied as a LICENCE ATTRIBUTE towards a SCALER.

For Example:

Appointment	Grading
Code	System

-----	-----
Acting	Interior
Acting	Coast
Check Scaler	Interior
Check Scaler	Coast
Official	Interior
Official	Coast
Forest Service	N/A

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	Y	DATE	
Date the record expired.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

- * MUST BE identified by one and only one SCALE GRADING SYSTEM CODE
- * MUST BE identified by one and only one SCALER APPOINTMENT TYPE
- MAY BE identifying one or more SCALER LICENCE ATTRIBUTE
- * = Relationships in primary unique identifier.

Unique Identifiers:

SVDL

Primary Y

MUST BE identified by one and only one SCALER APPOINTMENT TYPE

MUST BE identified by one and only one SCALE GRADING SYSTEM CODE

Entity Name: SCALING METHOD QUESTION			<i>Short Name:</i>	SCMQ
<i>Plural:</i>	SCALING METHOD QUESTION			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

The inclusion of an INSPECTION QUESTION as part of SITE INSPECTION TYPE.
For Example:
Question 1 is included for 'Weigh and Stratify' and 'Scale and Classify' site inspection
Question 9 is included for 'Special Forest Products' site inspection only.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identified by one and only one INSPECTION QUESTION
- * MUST BE identified by one and only one SCALE METHOD TYPE CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

SCMQ	Primary	Y
MUST BE identified by one and only one INSPECTION QUESTION		
MUST BE identified by one and only one SCALE METHOD TYPE CODE		

Entity Name: SCALING PROGRAM			<i>Short Name:</i>	SCPG
<i>Plural:</i>	SCALING PROGRAM			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

SCALING APPLICATION SOFTWARE is a software program specifically designed to meet the need of the scaling industry.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALING PROGRAM NO		N	NUMBER	5,0
System generated sequence number to uniquely identify SCALING APPLICATION SOFTWARE.				
SCALING PROGRAM NAME		N	VARCHAR2	12
The name of the application software, without version number.				
SCALING PROGRAM TYPE CODE		N	VARCHAR2	2
A code used to identify the type of scale used by the scaling program.				
<i>This should be implemented by an application code table.</i>				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE having a version upgrade identified by one or more SCALING PROGRAM VERSION
- MUST BE supplied by one and only one SCALING SOFTWARE VENDOR
- MAY BE included one or more SOFTWARE TYPE
- MAY BE having site utilization identified by one or more SOFTWARE UTILIZATION
- * = Relationships in primary unique identifier.

Unique Identifiers:

SCPG	Primary	Y
SCALING PROGRAM NO		

SPGR

Annual Growth Rate:

A specific revision of the SCALING APPLICATION SOFTWARE.

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
REVISION NUMBER		N	VARCHAR2	4
Identifies the revision number or value for a specific scaling program version, as supplied by the software provider				
MINISTRY APPROVED DATE	DATE	Y	DATE	
Date the Ministry granted approval for the revision of the software to be used.				
MINISTRY REVOKE DATE	DATE	Y	DATE	
The date the Ministry revoked the approval for the revision of the software.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

Each Occurrence Of This Entity:

* MUST BE a revision upgrade to one and only one SCALING PROGRAM VERSION

* = Relationships in primary unique identifier.

SPGR *Primary* *Y*

MUST BE a revision upgrade to one and only one SCALING PROGRAM VERSION
REVISION NUMBER

Entity Name: SCALING PROGRAM VERSION			<i>Short Name:</i>	SPGV
<i>Plural:</i>	SCALING PROGRAM VERSION			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

A specific version or revision of the SCALING APPLICATION SOFTWARE.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* VERSION		N	VARCHAR2	4
Identifies the version number or value for a specific scaling program, as supplied by the software provider.				
VERSION DATE	DATE	Y	DATE	
The date the vendor released this version of the software.				
CHANGE DESCRIPTION TXT	DESCRIPTION LONG	N	VARCHAR2	200
Description of the change in the software from the previous version implemented in this version.				
SOFTWARE LANGUAGE	DESCRIPTION SHORT	N	VARCHAR2	40
Language in which the version of the software was written in.				
MINISTRY APPROVED DATE	DATE	Y	DATE	
Date the Ministry granted approval for the version of the software to be used.				
MINISTRY REVOKE DATE	DATE	Y	DATE	
The date the Ministry revoked the approval for the version of the software.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE a version upgrade for one and only one SCALING PROGRAM
- MAY BE having revision upgrades identified by one or more SCALING PROGRAM REVISION
- * = Relationships in primary unique identifier.

Unique Identifiers:

SWVR	Primary	Y
MUST BE a version upgrade for one and only one SCALING PROGRAM VERSION		

Entity Name: SCALING SOFTWARE VENDOR			<i>Short Name:</i>	SSWV
<i>Plural:</i> SCALING SOFTWARE VENDOR				
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

An organization (as identified by CLIENT_LOCATION) that purveys industry scaling software applications.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY_TIMESTAMP	AUDIT_TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY_USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE_TIMESTAMP	AUDIT_TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE_USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION_COUNT	REVISION_COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identified by one and only one CLIENT_LOCATION
- MAY BE the vendor of one or more SCALING_PROGRAM
- * = Relationships in primary unique identifier.

Unique Identifiers:

SSWV	<i>Primary</i>	Y
MUST BE identified by one and only one CLIENT_LOCATION		

Entity Name: SFP SUMMARY CHECK SCALE**Short Name:**

SFPSCS

Plural: SFP SUMMARY CHECK SCALE**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Subtype of:** CHECK SCALE**Description:**

A summary check scale is a reference to a summary check scale with a return type of Special Forest Products.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
LOAD ARRIVAL NUMBER		Y VARCHAR2	10
Unique identifier for a piece scale load. Assigned by the scale site (usually sequentially generated) and manually entered for the CHECK SCALE.			
PARTIAL IND	YN IND	Y VARCHAR2	1
Indicates whether or not the check scale is a full or partial check scale. This indicator is only valid for summary check scales and only for return type of SFP - Special Forest Products.			
WEIGH SLIP NUMBER		Y NUMBER	10,0
A unique identifier for a sample load. Generated by the weight scale system and manually entered for the CHECK SCALE.			
CHECK REPLACES ORIGINAL IND	YN IND	N VARCHAR2	1
Indicates whether or not the CHECK SCALE will be replacing the original scale return for the purposes of billing (in HBS).			
ORIGINAL SCALE DATE	DATE	N DATE	
Date the original scale was performed.			
ORIGINAL SCALE RETURN NO	HAND HELD RETURN NUMBER	N NUMBER	4,0
A number to uniquely identify a scaler's scale return. Starts at 1 and increments by 1 for each scale return submitted by the scaler regardless of scale site.			
CHK SCALE DATE	DATE	N DATE	
Date the check scale was performed.			
CHK SCALE RETURN NO	HAND HELD RETURN NUMBER	N NUMBER	4,0
A number to uniquely identify a check scaler's check scale. Starts at 1 and increments by 1 for each check scale submitted by the check scaler regardless of scale site.			

* = Attributes in primary unique identifier.

Entity Name:	SITE AUTHORIZATION CONDITION			Short Name:	SACD
Plural:	SITE AUTHORIZATION CONDITION				
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:		

Description:

A SITE CONDITION is an AUTHORIZATION CONDITION that is imposed upon a SCALE SITE as part of their SITE AUTHORIZATION.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identified by one and only one SCALE AUTH CONDITION
- * MUST BE imposed as part of one and only one SCALE SITE AUTHORIZATION

* = Relationships in primary unique identifier.

Unique Identifiers:

SACD	Primary	Y
MUST BE imposed as part of one and only one SCALE SITE AUTHORIZATION		
MUST BE identified by one and only one SCALE AUTH CONDITION		

Entity Name: SITE SCALING METHOD		Short Name:	STSM
Plural:	SITE SCALING METHOD		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

A SITE SCALING METHOD indicates the type of scaling (Weigh and Stratify, Scale and Classify, Special Forest Products) permitted under the SITE AUTHORIZATION.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identified by one and only one SCALE METHOD TYPE CODE
 - * MUST BE part of one and only one SCALE SITE
 - MUST BE having a priority of one and only one SCALE SITE PRIORITY CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

STSM UK	Primary	N
MUST BE part of one and only one SCALE SITE		
MUST BE having a priority of one and only one SCALE SITE PRIORITY CODE		
STSM	Primary	Y
MUST BE part of one and only one SCALE SITE		
MUST BE identified by one and only one SCALE METHOD TYPE CODE		

Entity Name: SLT SUMMARY CHECK SCALE**Short Name:** SLTSCS**Plural:** SLT SUMMARY CHECK SCALE**Init. Volume:** Avg. Volume:**Max. Volume:****Annual Growth Rate:****Subtype of:** CHECK SCALE**Description:**

A summary check scale is a reference to a summary check scale with a return type of sample log tally.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
LOAD ARRIVAL NUMBER		Y VARCHAR2	10
Unique identifier for a piece scale load. Assigned by the scale site (usually sequentially generated) and manually entered for the CHECK SCALE.			
WEIGH SLIP NUMBER		Y NUMBER	10,0
A unique identifier for a sample load. Generated by the weight scale system and manually entered for the CHECK SCALE.			
CHECK REPLACES ORIGINAL IND	YN IND	N VARCHAR2	1
Indicates whether or not the CHECK SCALE will be replacing the original scale return for the purposes of billing (in HBS).			
ORIGINAL SCALE DATE	DATE	N DATE	
Date the original scale was performed.			
ORIGINAL SCALE RETURN NO	HAND HELD RETURN NUMBER	N NUMBER	4,0
A number to uniquely identify a scaler's scale return. Starts at 1 and increments by 1 for each scale return submitted by the scaler regardless of scale site.			
CHK SCALE DATE	DATE	N DATE	
Date the check scale was performed.			
CHK SCALE RETURN NO	HAND HELD RETURN NUMBER	N NUMBER	4,0
A number to uniquely identify a check scaler's check scale. Starts at 1 and increments by 1 for each check scale submitted by the check scaler regardless of scale site.			

* = Attributes in primary unique identifier.

Entity Name: SOFTWARE TYPE			<i>Short Name:</i>	SWTP
<i>Plural:</i>	SOFTWARE TYPE			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

The BUSINESS FUNCTION CODE that is addressed by an INDUSTRY SCALING SOFTWARE application system.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE identified by one and only one SCALE BUSINESS FUNCTION CODE
- * MUST BE provided by one and only one SCALING PROGRAM
- * = Relationships in primary unique identifier.

Unique Identifiers:

SWFN	Primary	Y
MUST BE provided by one and only one SCALING PROGRAM		
MUST BE identified by one and only one SCALE BUSINESS FUNCTION CODE		

Entity Name: SOFTWARE UTILIZATION			<i>Short Name:</i>	SWUT
<i>Plural:</i>	SOFTWARE UTILIZATION			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

SOFTWARE UTILIZATION is the indication of a SCALE SITE using a specific version of scaling software.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
EFFECTIVE DATE	DATE	N	DATE	
Date the record became effective.				
EXPIRY DATE	DATE	Y	DATE	
Date the record expired.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE having the site identified by one and only one SCALE SITE
- * MUST BE having the software identified by one and only one SCALING PROGRAM
- * = Relationships in primary unique identifier.

Unique Identifiers:

SWUT	<i>Primary</i>	Y
<i>MUST BE having the site identified by one and only one SCALE SITE</i>		
<i>MUST BE having the software identified by one and only one SCALING PROGRAM</i>		

Entity Name: SPECIES CONTENT			Short Name:	SPCT
Plural:	SPECIES CONTENT			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

The percentage content of a tree species (as defined by HBS.SCALE SPECIES CODE) in a MARK SITE DESIGNATION.
The sum of all SPECIES CONTENT . CONTENT PERCENT for a specific MARK SITE DESIGNATION must equal 100.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
CONTENT PERCENT		N	NUMBER	3,0
The percentage content.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE the content for one and only one HAULING MARK AUTHORIZATION
- * MUST BE identified by one and only one SCALE SPECIES CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

SPCT	Primary	Y
------	---------	---

MUST BE the content for one and only one HAULING MARK AUTHORIZATION
MUST BE identified by one and only one SCALE SPECIES CODE

Entity Name: SPECIES PRODUCT GRADE XREF		Short Name:	SSPGXREF
Plural:	SPECIES PRODUCT GRADE XREF		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

Reference from HBS

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 identified by one or more CHECK SCALE SPG SUMMARY
- * MUST BE having the species grade identified by one and only one SCALE GRADE CODE
 - * MUST BE identified by one and only one SCALE PRODUCT CODE
 - * MUST BE having the species identified by one and only one SCALE SPECIES CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

SSPGXREF	Primary	Y
MUST BE having the species identified by one and only one SCALE SPECIES CODE		
MUST BE identified by one and only one SCALE PRODUCT CODE		
MUST BE having the species grade identified by one and only one SCALE GRADE CODE		

Entity Name: TIMBER CRUISE DOCUMENT			Short Name:	TCDC
Plural:	TIMBER CRUISE DOCUMENT			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A TIMBER CRUISE DOCUMENT is an electronic document that provides information about the TIMBER CRUISE PLAN or the TIMBER CRUISE RESULT

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TIMBER CRUISE DOCUMENT ID	ID	N	NUMBER	15
System generated sequence number to uniquely identify a CRUISE PLAN ATTACHMENT.				
DOCUMENT FILE NAME		N	VARCHAR2	255
Filename of the document including the file extension.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE included for one and only one TIMBER CRUISE PLAN
or MUST BE included for one and only one TIMBER CRUISE RESULT
MUST BE classified by one and only one CRUISE DOCUMENT TYPE CODE
MUST BE having the document stored in one and only one TIMBER CRUISE DOCUMENT BLOB
* = Relationships in primary unique identifier.

Unique Identifiers:

TCDC	Primary	Y
TIMBER CRUISE DOCUMENT ID		

Entity Name: TIMBER CRUISE DOCUMENT BLOB		<i>Short Name:</i>	TCDB
<i>Plural:</i>	TIMBER CRUISE DOCUMENT BLOB		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>

Description:

TIMBER CRUISE DOCUMENT BLOB is the physical database storage for a TIMBER CRUISE DOCUMENT.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
DOCUMENT BLOB	LETTER BLOB	N	IMAGE	
Binary source of the document				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

* MUST BE the document storage for one and only one TIMBER CRUISE DOCUMENT

* = Relationships in primary unique identifier.

Unique Identifiers:

TCDB	<i>Primary</i>	<i>Y</i>
<i>MUST BE the document storage for one and only one TIMBER CRUISE DOCUMENT</i>		

Entity Name: TIMBER CRUISE PARTICIPANT			Short Name:	TCPT
Plural:	TIMBER CRUISE PARTICIPANT			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

A TIMBER CRUISE PARTICIPANT is a person who is named a member of the cruise.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TIMBER CRUISE PARTICIPANT ID	ID	N	NUMBER	15
System generated sequence number to uniquely identify a TIMBER CRUISE PARTICIPANT.				
MEMBER NUMBER	PROF DESIGNATION NUMBER	Y	VARCHAR2	5
The professional designation number of the CRUISE PARTICIPANT as either a Registered Professional Foresters (RPF) or Registered Forest Technologists (RFT). If this is provided, its type must be identified by PROF DESIGNATION TYPE CODE				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MUST BE identified by one and only one CLIENT LOCATION
 - MUST BE having a role identified by one and only one CRUISE ROLE CODE
 - MAY BE having the professional designation number identified by one and only one PROF DESIGNATION TYPE CODE
 - MUST BE the participant for one and only one TIMBER CRUISE PLAN
- * = Relationships in primary unique identifier.

Unique Identifiers:

TCPT	Primary	Y
TIMBER CRUISE PARTICIPANT ID		

Entity Name: TIMBER CRUISE PLAN**Short Name:**

TCRP

Plural: TIMBER CRUISE PLAN**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

A TIMBER CRUISE PLAN is a proposed plan of action to ascertain the value of the timber prior to the felling of the trees in a given area.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* TIMBER CRUISE PLAN ID	ID	N NUMBER	15
System generated sequence number to uniquely identify a TIMBER CRUISE PLAN.			
LOCATION TXT		Y VARCHAR2	250
Free format subjective text describing the geographic location where a TIMBER CRUISE PLAN is being done.			
BASE TYPE		N VARCHAR2	1
Cruise based cutting authorities use the cruise data in the appraisal and bill based on the cruise volumes. Scale based cutting authorities use the cruise data in the appraisal but bill based on the log scale. Every cruise plan will be cruise based or scale based.			
<i>Allowable Values of Attribute</i>			
C	Cruise Based		
S	Scale Based		
NUMBER OF PLOTS	CRUSE PLOT COUNT	Y NUMBER	3,0
The number of plots that will be assessed for the timber cruise.			
PLAN RECEIVED DATE	DATE	N DATE	
Date the timber cruise plan was received by the Ministry.			
FIELD CHECK RCMND IND	YN IND	Y VARCHAR2	1
Indicates whether or not the Ministry recommends a check cruise should be conducted.			
COMPILATION CHECK RCMND IND	YN IND	N VARCHAR2	1
An indicator which identifies if check cruiser requires to check the cruise compilation after the fieldwork is completed and the field data is entered in the compilation program.			
SCHEDULED START DATE	DATE	N DATE	
Date the cruise is scheduled to start			
SCHEDULED END DATE	DATE	N DATE	
Date the cruise is scheduled to end.			
MATURITY IND	YN IND	N VARCHAR2	1
Indicates if the trees cruised are considered mature (older than 120 years) or not.			
If the trees are mature then the results of the timber cruise results are valid for up to 10 years based on the fieldwork completion date; for immaturity trees the results are valid for up to 5 years.			
COMMENT TXT	DESCRIPTION NOTE	Y VARCHAR2	4000
Ministry comments about the timber cruise plan.			
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time the record was initially created.			
ENTRY USERID	USERID	N VARCHAR2	30
The unique user id who initially created the record.			
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N DATE	
The date and time on which the record was last updated.			
UPDATE USERID	USERID	N VARCHAR2	30
The unique user id who last updated the record.			
REVISION COUNT	REVISION COUNT	N NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.			

Entity Name:	TIMBER CRUISE PLAN (cont'd)	Short Name:	TCRP
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* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- MUST BE having the tenure licence number identified by one and only one PROV FOREST USE
- or MUST BE having the BC Timber Sales identified by one and only one CLIENT LOCATION
- MAY BE identified by one or more CRUISE BLOCK
- MUST BE categorized by one and only one CRUISE TYPE CODE
- MAY BE having the cutting permit number identified by one and only one HARVESTING AUTHORITY
- MUST BE conducted in a district identified by one and only one ORG UNIT
- MAY BE the subject of one or more RISK QUESTIONNAIRE
- MAY BE including one or more TIMBER CRUISE DOCUMENT
- MAY BE performed by one or more TIMBER CRUISE PARTICIPANT
- MAY BE having one or more TIMBER CRUISE RESULT

* = Relationships in primary unique identifier.

Unique Identifiers:

TCRP	Primary	Y
TIMBER CRUISE PLAN ID		

Entity Name: TIMBER CRUISE RESULT**Short Name:**

TCRU

Plural: TIMBER CRUISE RESULT**Init. Volume:****Avg. Volume:****Max. Volume:****Annual Growth Rate:****Description:**

TIMBER CRUISE RESULT is the record of the results of a TIMBER CRUISE PLAN. This may also include the results of the check cruise.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TIMBER CRUISE RESULT ID	ID	N	NUMBER	15
System generated sequence number to uniquely identify a TIMBER CRUISE RESULT.				
FIELD WORK COMPLETION DATE	DATE	N	DATE	
The date in which all the work in field was completed.				
DATA COMPILATION DATE	DATE	Y	DATE	
The date on which all the data was compiled				
CHK CRUISE DATE	DATE	Y	DATE	
Date the check cruise was conducted.				
CHK CRUISE RECRUISE IND	YN IND	N	VARCHAR2	1
Indicates whether or not a re-cruise should be performed on the check cruise.				
CHK CRUISE TOTAL PLOTS CHECKED		Y	NUMBER	2,0
The total number of plots checked on the check cruise				
CHK CRUISE GROSS VOL VARIANCE	TIMBER CRUISE VARIANCE PERCENT	Y	NUMBER	5,2
The calculated merchantable volume of the trees before any allowances for decay, waste and breakage, as attained by the check cruise.				
The variance is calculated as: (Check Gross Volume - Original Gross Volume) / Check Gross Volume * 100, rounded to 1 decimal place.				
CHK CRUISE NET VOL VARIANCE	TIMBER CRUISE VARIANCE PERCENT	Y	NUMBER	5,2
The gross volume minus the timber cruiser estimated decay, waste (Z-grade) and a breakage allowance, as attained by the check cruise.				
The variance is calculated as: (Check Net Volume - Original Net Volume) / Check Net Volume * 100, rounded to 1 decimal place.				
CHK CRUISE VALUE VARIANCE	TIMBER CRUISE VARIANCE PERCENT	Y	NUMBER	5,2
The net volume multiplied by the selling price (based on species and log sort) per cubic metre, as attained by the check cruise.				
The variance is calculated as: (Check Value - Original Value) / Check Value * 100, rounded to 1 decimal place.				
COMMENT TXT	DESCRIPTION NOTE	Y	VARCHAR2	4000
Additional narrative about the timber cruise result.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				

Entity Name:	TIMBER CRUISE RESULT (cont'd)	Short Name:	TCRU
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* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- MAY BE having the check cruiser identified by one and only one CLIENT LOCATION
- MUST BE classified by one and only one CRUISE RESULT TYPE CODE
- MAY BE including one or more TIMBER CRUISE DOCUMENT
- MUST BE for one and only one TIMBER CRUISE PLAN

* = Relationships in primary unique identifier.

Unique Identifiers:

TCRU UK	Primary	N
MUST BE for one and only one TIMBER CRUISE PLAN		
MUST BE classified by one and only one CRUISE RESULT TYPE CODE		
TCRU	Primary	Y
TIMBER CRUISE RESULT ID		

Entity Name: WASTE ASSESSMENT AREA			Short Name:	WSTE
Plural:	WASTE ASSESSMENT AREA			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

This is a placeholder entity in the SCS logical data model. The real entity is part of the Waste Management System.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* WASTE ASSESSMENT AREA ID	ID	N	NUMBER	15
System generated sequence number to uniquely identify a WASTE ASSESSMENT AREA.				
ENTRY TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time the record was initially created.				
ENTRY USERID	USERID	N	VARCHAR2	30
The unique user id who initially created the record.				
UPDATE TIMESTAMP	AUDIT TIMESTAMP	N	DATE	
The date and time on which the record was last updated.				
UPDATE USERID	USERID	N	VARCHAR2	30
The unique user id who last updated the record.				
REVISION COUNT	REVISION COUNT	N	NUMBER	15,0
The number of times an entry has been updated, starting with 1 when it was first created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE owned by one and only one CLIENT LOCATION

MUST BE in a district identified by one and only one ORG UNIT

MAY BE the subject of one or more RISK QUESTIONNAIRE

* = Relationships in primary unique identifier.

Unique Identifiers:

WSTE	Primary	Y
WASTE ASSESSMENT AREA ID		

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