

Entity and Attribute Definitions Report

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Total Pages: 47
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Parameters

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

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

Description:

Contains subsets to the account control key codes listed in ACK_MASK. The subset codes are used when some codes from ACK_MASK are valid for an application but others are not. This subset performs a function similar to the CODE_SUBSET_TBL entity.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ACK_MASK_SBST_NAME		N	VARCHAR2	18
Contains the name of a list of codes that are a subset of the codes in ACK_MASK. EG. A name of Payment Distribution indicates that the codes listed are the only codes valid for distributing a payment to the G/L.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE IS SUBSET OF one and only one ACK_MASK
- * = Relationships in primary unique identifier.

Unique Identifiers:

AMS	Primary	Y
ACK_MASK_SBST_NAME		
MUST BE IS SUBSET OF one and only one ACK_MASK		

Entity Name: ACK_MASK		<i>Short Name:</i> AM	
<i>Plural:</i>	ACK_MASK		
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	0
		<i>Max. Volume:</i>	0
		<i>Annual Growth Rate:</i>	0%

Description:

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

Attributes:

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

Relationships:

Each Occurrence Of This Entity:

- MAY BE HAS SUBSET one or more ACK_MASK_SUBSET
 - MAY BE DEFINES_THE_REVENUE_TYPE_FOR one or more GNRL_BILL_RATES
 - MAY BE DEFINES REVENUE CLASS FOR one or more INVOICE_DTL_TXN
- * = Relationships in primary unique identifier.

Unique Identifiers:

AM	Primary	Y
ACK_MASK_ACODE		

Entity Name: AR_POST_TXN_KEY			<i>Short Name:</i> APTK	
<i>Plural:</i> AR_POST_TXN_KEY				
<i>Init. Volume:</i> 0		<i>Avg. Volume:</i> 0		<i>Max. Volume:</i> 0
<i>Annual Growth Rate:</i> 0%				

Description:

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

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
DELETE_IND		N	VARCHAR2	1

This column is initially "N" and set to "Y" when AR posts the actual invoice. Entries from the table are deleted for all rows where this column has a value of "Y".

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

* MUST BE INDEXES one and only one FOREST_INVOICE

* = Relationships in primary unique identifier.

Unique Identifiers:

APTK	Primary	Y
MUST BE INDEXES one and only one FOREST_INVOICE		

Entity Name: BILLABLE_TENURE			Short Name:	BT
Plural:	BILLABLE_TENURE			
Init. Volume:	0	Avg. Volume:	0	Max. Volume: 0
			Annual Growth Rate:	0%

Description:

This is a control file used to indicate what tenures are ready to be billed or have been billed in the last billing cycle. The general Billing system triggers invoices for annual rents from this table.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CALENDAR_YEAR		N	NUMBER	5
The calendar year beginning CCYY-01-01 and ending CCYY-12-31. The format is CCYY: CC = century, YY = year.				
CERTIFIED_TS		N	TIMESTAMP	
The date when a billing instruction was issued against a tenure and deemed ready for billing.				
INVOICE_PREPARED_IND		N	VARCHAR2	1
A code to indicate if a "ready" Tenure has been invoiced or not. It is used to help ensure a tenure does not get billed more than once in a year.				
ENTRY_USERID		N	VARCHAR2	8
The userid of the person who made the tenure "ready" for billing.				
ENTRY_TIMESTAMP		N	TIMESTAMP	
The timestamp when a row was inserted into the table.				
UPDATE_TIMESTAMP		N	TIMESTAMP	
The timestamp when the tenure was processed by GBS and an Invoice was prepared.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE LINKED_TO one and only one PROV_FOREST_USE
- * = Relationships in primary unique identifier.

Unique Identifiers:

BT	Primary	Y
CALENDAR_YEAR		
MUST BE LINKED_TO one and only one PROV_FOREST_USE		

Entity Name: CLIENT_LOCATION			<i>Short Name:</i>	CL
<i>Plural:</i>	CLIENT_LOCATION			
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	0	<i>Max. Volume:</i> 0
			<i>Annual Growth Rate:</i>	0%

Description:

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

Attributes:

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

Relationships:

Each Occurrence Of This Entity:

MAY BE IS_RESPONSIBLE_FOR one or more FOREST_INVOICE
MAY BE RECEIVES_COPIES_OF one or more FOREST_INVOICE
MAY BE IS_LIABLE_FOR one or more FOREST_INVC_TXN
* = Relationships in primary unique identifier.

Unique Identifiers:

CL	<i>Primary</i>	Y
CLIENT_NUMBER		
CLIENT_LOCN_CODE		

Entity Name: CLIENT_LOCATION_AUDIT			<i>Short Name:</i>	CLA
<i>Plural:</i>	CLI_LOCN_AUDIT			
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	0	<i>Max. Volume:</i> 0
			<i>Annual Growth Rate:</i>	0%

Description:

The audit trail of all additions and changes to the client location table.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* UPDATE_TIMESTAMP		N	TIMESTAMP	
The date and time of the last update.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

CLA	Primary	Y
UPDATE_TIMESTAMP		

Entity Name: CLIENT_RECEIVABLE_ACCOUNT

Short Name:

CRA

Plural: CLNT_RCVBL_ACCT

Init. Volume: 0

Avg. Volume: 0

Max. Volume: 0

Annual Growth Rate: 0%

Description:

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

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ACCOUNT_STATUS_CODE		N	VARCHAR2	3
A code to indicate the current status of an account with respect to the Accts. Rec./Credit Mgt system. Examples include OPN (Open), OVL (Over Limit) and OVD (Overdue).				
* CLIENT_NUMBER		N	VARCHAR2	8
A sequentially assigned number which uniquely identifies a Ministry client.				
* CLIENT_LOCN_CODE		N	VARCHAR2	2
A code to uniquely identify, within each client, the addresses of different divisions or locations at which the client operates. The location code is sequentially assigned starting with '00' for the client's permanent address.				
ACCOUNT_TYPE_CODE		N	VARCHAR2	3
The account type describing the client receivable account.				
ACCOUNT_OPEN_DATE		N	DATE	
The date the account was opened.				
ADMINISTRATIVE_ORG_UNIT_NUMBER		N	NUMBER	10,0
The Organisation Unit responsible for the Client Receivable Account.				
ACCOUNT_CREDIT_LIMIT		N	NUMBER	15,2
The credit limit for the account receivable.				
INTEREST_CHARGE_INDICATOR		N	VARCHAR2	1
A Y/N value indicating whether interest is charged on the account.				
STATEMENT_PRODUCTION_INDICATOR		N	VARCHAR2	1
An indicator indicating whether statements get generated.				
STATEMENT_CYCLE_CODE		N	VARCHAR2	1
The frequency at which statements get generated.				
COL_ORG_UNIT_NO		N	NUMBER	10,0
An Organisational Unit.				
UPDATE_USERID		N	VARCHAR2	8
An audit tracking mechanism identifying who modified this record.				
UPDATE_ORG_UNIT_NUMBER		N	NUMBER	10,0
An audit tracking mechanism identifying the Org Unit of who modified this record.				
UPDATE_TIMESTAMP		N	DATE	
An audit timestamp tracking when the last time information was modified on this record.				
ENTRY_USERID		N	VARCHAR2	8
An audit tracking mechanism identifying who added this record.				
ENTRY_ORG_UNIT_NUMBER		N	NUMBER	10,0
An audit tracking mechanism identifying the Org Unit of who added this record.				
ENTRY_TIMESTAMP		N	DATE	
An audit timestamp tracking when the last time information was added for this record.				
ATTN_TO_PSN_CLS_ST		Y	CHAR	3
A code used to group accounts for collection review purposes				

* = Attributes in primary unique identifier.

Entity Name:	CLIENT_RECEIVABLE_ACCOUNT (cont'd)	Short Name:	CRA
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Unique Identifiers:

CRA

Primary Y

CLIENT_NUMBER

CLIENT_LOCN_CODE

Entity Name: CODE_LIST_TABLE			Short Name:	CLT
Plural:	CODE_LIST_TABLE			
Init. Volume:	0	Avg. Volume:	0	Max. Volume: 0
			Annual Growth Rate:	0%

Description:

Represents a physical code lookup table for verifying and decoding entered codes. Contains "permanent" ministry-standard codes as well as "application-specific" code lookups.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* COLUMN_NAME		N	VARCHAR2	18
Contains the name of the code that is being expanded from a code to a result (eg. "SPECIES_CODE" is the code name, "F" is the argument passed in, and "Fir" is the expanded result).				
* CODE_ARGUMENT		N	VARCHAR2	50
Contains the code argument that is passed in, to be expanded to the result (i.e. translate the code into what the code means).				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE CONTAINS one or more CODE_SUBSET_TBL

* = Relationships in primary unique identifier.

Unique Identifiers:

CLT	Primary	Y
COLUMN_NAME		
CODE_ARGUMENT		

Entity Name: CODE_SUBSET_TBL			<i>Short Name:</i>	CST
<i>Plural:</i>	CODE_SUBSET_TBL			
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	0	<i>Max. Volume:</i> 0
			<i>Annual Growth Rate:</i>	0%

Description:

Contains subsets to any ministry-standard code listed in CODE_LIST_TABLE. The subset codes are used when some codes from CODE_LIST_TABLE are valid for an application or view, but others are not.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CODE_SUBSET_NAME		N	VARCHAR2	18
Contains the name of a code list that points to a subset of codes from CODE_LIST_TABLE.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE DEFINES_A_SUBSET one and only one CODE_LIST_TABLE
- * = Relationships in primary unique identifier.

Unique Identifiers:

CST	Primary	Y
CODE_SUBSET_NAME		
MUST BE DEFINES_A_SUBSET one and only one CODE_LIST_TABLE		

Entity Name: FOREST_CLIENT			<i>Short Name:</i> FC	
<i>Plural:</i> FOREST_CLIENT				
<i>Init. Volume:</i> 0		<i>Avg. Volume:</i> 0		<i>Max. Volume:</i> 0
			<i>Annual Growth Rate:</i> 0%	

Description:

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

Attributes:

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

Unique Identifiers:

FC	Primary	Y
CLIENT_NUMBER		

Entity Name:	FOREST_CLIENT_AUDIT	Short Name:	FCA
Plural:	FOR_CLI_AUDIT		
Init. Volume:	0	Avg. Volume:	0
		Max. Volume:	0
		Annual Growth Rate:	0%

Description:
The audit trail of all additions and changes to the FOREST_CLIENT table.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* UPDATE_TIMESTAMP		N	TIMESTAMP	
The date and time of the last update.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

FCA	Primary	Y
UPDATE_TIMESTAMP		

Entity Name: FOREST_INVOICE**Short Name:** FI**Plural:** FOREST_INVOICE**Init. Volume:** 0**Avg. Volume:** 0**Max. Volume:** 0**Annual Growth Rate:** 0%**Description:**

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

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INVOICE_NUMBER		N	VARCHAR2	7
The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.				
* CANCELLATION_IND		N	VARCHAR2	1
This attribute is used to identify invoices that are cancelling an invoice with the same Invoice_Number. It is set to "Y" only for a Piece Scale R2 transaction (Cancel and Replace). All other billing transactions are defaulted to "N".				
INVOICE_AMOUNT		N	NUMBER	9,2
The total amount due and payable on an invoice.				
INVOICE_CLASS_CODE		N	VARCHAR2	3
A code that is used to identify final and interim invoices.				
INVOICE_DATE		N	DATE	
A system date that is assigned to each invoice run that indicates when an Invoice was generated.				
INVOICE_TYPE_CODE		N	VARCHAR2	3
A code that identifies an invoice as being generated from the Piece Scale, Weight Scale, or Miscellaneous Billing system.				
INVC_SUB_TYPE_CODE		N	VARCHAR2	3
A code that identifies a subtype of INVOICE_TYPE_CODE from the Piece Scale, Weight Scale, or Miscellaneous billing systems.				
CANCELLED_BY_INVC		Y	VARCHAR2	7
This attribute contains the INVOICE_NUMBER of the invoice that has cancelled the current invoice.				
RELATED_INVOICE		Y	VARCHAR2	7
This attribute contains the INVOICE_NUMBER of a invoice that the current invoice has acted upon.				
INVOICE_RLN_TYPE_CD		N	VARCHAR2	3
This is a code that indicates, where there is a related invoice, what the relationship is; i.e. replace, cancels, confirm, rescales, and adjusts.				
REL_INVOICE_STS_ST		N	VARCHAR2	3
This is a code that indicates if the related invoice is available (on-line) or not available. If the related invoice is not available on-line then it may be archived or its whereabouts is unresolved. See edit rules for values.				
REPLACED_BY_INVC		Y	VARCHAR2	7
This attribute contains the INVOICE_NUMBER of the invoice that has replaced the current invoice.				
SCALE_RETURN_DATE		N	DATE	
This is the date that the material was deemed to have been scaled, and is used to select the various rates used in computing the stumpage and royalty amounts.				
SCALER_LICENCE_NUM		Y	VARCHAR2	4
This is the scaler licence number of the scaler deemed to have performed or be responsible for the scale upon which the Invoice was based.				
VOLUME_ONLY_IND		N	VARCHAR2	1
This attribute is used to identify invoices that have a zero total dollar amount. This can be caused by a "SB4" (scaled before) or a "Cash Sale".				

Entity Name: FOREST_INVOICE (cont'd)		Short Name:	FI
ENTRY_TIMESTAMP	N	TIMESTAMP	
This is the date and time at which the row was created.			
ENTRY_USERID	N	VARCHAR2	8
The VM ID from which the table entry was created.			
UPDATE_USERID	Y	VARCHAR2	8
This is the VM ID from which the row was last updated.			
UPDATE_TIMESTAMP	Y	TIMESTAMP	
This is the date and time at which the row was last updated.			
POSTED_DATE	N	DATE	
This is the date that the invoice amounts were posted to the general ledger and the accounts receivables.			
POSTED_SEQUENCE_NO	N	NUMBER	10
A system assigned number to identify which posting cycle the invoice amounts were posted in.			
SCALED_AT	N	VARCHAR2	40
This is a generic scale site location that is supplied manually for dummy sites or sites with variable locations.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

- MAY BE IS_POINTED_TO_BY one and only one AR_POST_TXN_KEY
- MAY BE IS_COPIED_TO one and only one CLIENT_LOCATION
- MUST BE IS_PAYABLE_BY one and only one CLIENT_LOCATION
- MAY BE IS_THE_PARENT_OF one and only one GENERAL_INVOICE
- MAY BE CONTAINS_EXPLANATIONS_IN one or more INVC_NOTATION
- MAY BE CONTAINS one or more INVC_OTHR_CHARG
- MUST BE IS_SENT_TO one and only one ORG_UNIT
- MAY BE IS_THE_PARENT_OF one and only one PCE_SCL_INVOICE
- MAY BE INCLUDES_REFERENCE_TO one and only one SCALE_SITE
- MAY BE IS_THE_PARENT_OF one and only one WGT_SCL_INVOICE

* = Relationships in primary unique identifier.

Unique Identifiers:

FI	Primary	Y
CANCELLATION_IND		
INVOICE_NUMBER		

Entity Name: FOREST_INVOICE_TXN

Short Name:

FIT

Plural: FOREST_INVC_TXN

Init. Volume: 0

Avg. Volume: 0

Max. Volume: 0

Annual Growth Rate: 0%

Description:

This is the header part of the transaction used to initiate the preparation of an Invoice. It maps directly into the CIS Forest Invoice Table when the billing cycle is complete.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INVOICE_NUMBER		N	VARCHAR2	7
The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.				
BILLING_STATUS_ST		N	VARCHAR2	3
This is the status of the billing record. It can PND - still being worked on, COM - entered and complete, AUT - authroized- ready to be billed, REJ - rejected, CAN - Cancelled.				
INVOICE_AMOUNT		N	NUMBER	9,2
The total amount due and payable on an invoice.				
INVOICE_CLASS_CODE		N	VARCHAR2	3
A code that is used to identify final and interim invoices.				
INVOICE_TYPE_CODE		N	VARCHAR2	3
A code that identifies an invoice as being generated from the Piece Scale, Weight Scale, or Miscellaneous Billing system.				
INVC_SUB_TYPE_CODE		N	VARCHAR2	3
A code that identifies a subtype of INVOICE_TYPE_CODE from the Piece Scale, Weight Scale, or Miscellaneous billing systems.				
RELATED_INVOICE		N	VARCHAR2	7
This attribute contains the INVOICE_NUMBER of a invoice that the current invoice has acted upon.				
INVOICE_RLN_TYP_CD		N	VARCHAR2	3
This is a code that indicates, where there is a related invoice, what the relationship is; i.e. replace, cancels, confirm, rescales, and adjusts.				
ENTRY_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was created.				
ENTRY_USERID		N	VARCHAR2	8
The VM ID from which the table entry was created.				
UPDATE_USERID		N	VARCHAR2	8
This is the VM ID from which the row was last updated.				
UPDATE_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was last updated.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MUST BE IS_PAYABLE_BY one and only one CLIENT_LOCATION

MUST BE IS_EXTENDED_BY one and only one GENERAL_INVOICE_TXN

MAY BE IS_NOTATED_BY one or more NOTATION_TXN

* = Relationships in primary unique identifier.

Unique Identifiers:

FIT Primary Y

INVOICE_NUMBER

Entity Name: FOR_CLIENT_LINK			<i>Short Name:</i>	FCL
<i>Plural:</i>	FOR_CLIENT_LINK			
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	0	<i>Max. Volume:</i> 0
			<i>Annual Growth Rate:</i>	0%

Description:

The link from a file, cutting permit or cut block to a client and his location.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FOREST_FILE_ID		N	VARCHAR2	10
File identification assigned to provincial forest use files.				
* CUTTING_PERMIT_ID		N	VARCHAR2	3
Identifier for a cutting permit associated with a quota type harvesting tenure.				
* CUT_BLOCK_ID		N	VARCHAR2	10
Identifier for a cut block (within a permit) of a harvesting tenure.				
* FILE_CLIENT_TYPE		N	VARCHAR2	1
Indicates the type of relationship the client has to the file.				
* CLIENT_NUMBER		N	VARCHAR2	8
Sequentially assigned number to identify a ministry client.				
* CLIENT_LOCN_CODE		N	VARCHAR2	2
A code to uniquely identify, within each client, the addresses of different divisions or locations at which the client operates. The location code is sequentially assigned starting with '00' for the client's permanent address.				
* = <i>Attributes in primary unique identifier.</i>				

Unique Identifiers:

FCL	<i>Primary</i>	Y
CLIENT_LOCN_CODE		
CLIENT_NUMBER		
CUT_BLOCK_ID		
CUTTING_PERMIT_ID		
FILE_CLIENT_TYPE		
FOREST_FILE_ID		

Entity Name:	GENERAL_BILLING_INVOICE_SEED_TBI			Short Name:	GBIST
Plural:	GNRL_INVC_SEED				
Init. Volume:	0	Avg. Volume:	0	Max. Volume:	0
				Annual Growth Rate:	0%

Description:

This is the seed table that is used to assign invoice numbers to the general invoices in GBS

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* DUMMY_ACCESS_KEY		N	VARCHAR2	1
A system required column to allow the use of a where clause, avoiding trivial compiler warnings, without forcing a table scan.				
MAX_INVOICE_NUMBER		N	VARCHAR2	7
This attribute is used to control the range invoice numbers. Format: c999999 where c is a char and 9 is an integer.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

GBIST	Primary	Y
DUMMY_ACCESS_KEY		

Entity Name:	GENERAL_BILLING_RATES		Short Name:	GBR
Plural:	GNRL_BILL_RATES			
Init. Volume:	0	Avg. Volume:	0	Max. Volume: 0
			Annual Growth Rate:	0%

Description:

This is a table of billing rates for the general billing system. Rates are provided for various different forest file types and have various effective dates.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* BILLING_TYPE_ST		N	VARCHAR2	3
The code identifying a billing type. This is currently a subset of the file type codes on the Code list table, and is used to identify tenures that can be billed on an annual basis. Each type may be subject to a different rental rate.				
* IN_EFFECT_FRM_DATE		N	DATE	
The date when a rate becomes effective				
* IN_EFFECT_TO_DATE		N	DATE	
The date after which the rate is no longer in effect				
BILLING_RATE		N	NUMBER	5,2
The dollar amount of a range billing rate. There arerates for ground rent and usage. There are also one time fees for issuing a permit, licence, or non-replaceable permits.				
ENTRY_USERID		N	VARCHAR2	8
The userid of the person who first inserted the row into the table				
ENTRY_TIMESTAMP		N	TIMESTAMP	
The timestamp when the row was inserted into the table.				
UPDATE_USERID		N	VARCHAR2	8
The userid of the individual who last updated this information.				
UPDATE_TIMESTAMP		N	TIMESTAMP	
The date and time of the last update.				
BILLING_TYPE_DESC		N	VARCHAR2	200
The description of billing for a unique combination of tenure type and rate code that will be used to apply a specific rate. The combination of tenure and rate code is also used to identify a revenue classification code.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE HAS_REVENUE_TYPE_CLASSIFIED_BY one and only one ACK_MASK

* = Relationships in primary unique identifier.

Unique Identifiers:

GBR	Primary	Y
BILLING_TYPE_ST		
IN_EFFECT_TO_DATE		
IN_EFFECT_FRM_DATE		

Entity Name: GENERAL_INVOICE			Short Name:	GI
Plural:	GENERAL_INVOICE			
Init. Volume:	0	Avg. Volume:	0	Max. Volume: 0
			Annual Growth Rate:	0%

Description:

A General Invoice is a type of Invoice issued by the Ministry that is used to notify Ministry clients of monies due the Ministry.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
MINISTRY_REFERENCE_NUMBER		N	VARCHAR2	18
This is a free form text field that can be used to record reference number for the invoice.				
BILLING_YEAR		N	NUMBER	5
The calendar year for which the tenure related information is used in the billing of Range invoices.				
UPDATE_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was last updated.				
UPDATE_USERID		N	VARCHAR2	8
This is the VM ID from which the row was last updated.				
ENTRY_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was created.				
ENTRY_USERID		N	VARCHAR2	8
The VM ID from which the table entry was created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE BELONGS_TO one and only one FOREST_INVOICE
- MUST BE IS_THE_PARENT_FOR one or more GEN_INVOICE_DTL
- MUST BE IS_ADMINISTERED_BY one and only one ORG_UNIT
- MUST BE ORIGINATES_FROM one and only one ORG_UNIT
- MAY BE IF_IT_IS_A_RANGE_INVOICE one and only one PROV_FOREST_USE
- * = Relationships in primary unique identifier.

Unique Identifiers:

GI	Primary	Y
MUST BE BELONGS_TO one and only one FOREST_INVOICE		

Entity Name: GENERAL_INVOICE_TXN			Short Name:	GIT
Plural:	GNRL_INVC_TXN			
Init. Volume:	0	Avg. Volume:	0	Max. Volume: 0
			Annual Growth Rate:	0%

Description:

This table contains billing information needed for the production of the General Invoice. It maps directly into CIS general invoice during the billing cycle.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
BILLING_YEAR		N	NUMBER	5
The calendar year for which the tenure related information is used in the billing of Range invoices.				
MINISTRY_REFERENCE_NUMBER		N	VARCHAR2	18
This is a free form text field that can be used to record reference number for the invoice.				
UPDATE_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was last updated.				
UPDATE_USERID		N	VARCHAR2	8
This is the VM ID from which the row was last updated.				
ENTRY_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was created.				
ENTRY_USERID		N	VARCHAR2	8
The VM ID from which the table entry was created.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE IS_AN_EXTENSION_OF one and only one FOREST_INVOICE_TXN
- MUST BE IS_THE_PARENT_OF one or more INVOICE_DTL_TXN
- MUST BE IS_ADMINISTERED_FROM one and only one ORG_UNIT
- MUST BE ORIGINATES_FROM one and only one ORG_UNIT
- MAY BE MAKES_REFERENCE_TO one and only one PROV_FOREST_USE
- * = Relationships in primary unique identifier.

Unique Identifiers:

GIT	Primary	Y
MUST BE IS_AN_EXTENSION_OF one and only one FOREST_INVOICE_TXN		

Entity Name: GEN_INVOICE_DTL

Short Name:

GID

Plural: GEN_INVOICE_DTL

Init. Volume: 0

Avg. Volume: 0

Max. Volume: 0

Annual Growth Rate: 0%

Description:

The General Invoice Detail Entity contains details of the Invoice at a revenue classification level. The various items that appear here provide a finer resolution of the charges being assessed a Ministry client.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LINE_ITEM_NUMBER		N	NUMBER	5
This is a sequential number assigned to each detail line on an invoice that is captured in the table.				
REVENUE_CLASSN_CD		N	VARCHAR2	3
This is a code used to determine the type of revenue for an item on an invoice. It is used to post revenue to the General Ledger, and can be matched to an ACK mask in order to determine a specific GL account.				
RESPONSE_CENTRE_CD		N	VARCHAR2	3
This is an approved organizational unit, responsible for an expenditure or an item of revenue.				
NUMBER_OF_UNITS		N	NUMBER	15,5
The number of units pertaining to a line item on an invoice.				
UNIT_OF_MEASURE_CD		N	VARCHAR2	3
A code indicating the type of units pertaining to a line item on an invoice.				
UNIT_RATE		N	NUMBER	15,5
A rate, based upon the type of unit, pertaining to a line item on an invoice.				
EXTENDED_AMOUNT		N	NUMBER	11,2
Any item that appears on a general invoice must have an associated amount charged. This is the extended amount.				
OCG_SUPPLIER_NMBR		N	VARCHAR2	10
Office of the Comptroller General's reference number for identification of government suppliers.				
LINE_ITEM_DESCR		N	VARCHAR2	38
Any item that appears on a general invoice must have a description defining the item. That description is recorded here.				
UPDATE_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was last updated.				
UPDATE_USERID		N	VARCHAR2	8
This is the VM ID from which the row was last updated.				
ENTRY_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was created.				
ENTRY_USERID		N	VARCHAR2	8
The VM ID from which the table entry was created.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

* MUST BE BELONGS_TO one and only one GENERAL_INVOICE

* = Relationships in primary unique identifier.

Unique Identifiers:

GID

Primary Y

LINE_ITEM_NUMBER

MUST BE BELONGS_TO one and only one GENERAL_INVOICE

Entity Name: HARVEST_HISTORY*Short Name:*

HH

Plural: HARVEST_HISTORY*Init. Volume:* 0*Avg. Volume:* 0*Max. Volume:* 0*Annual Growth Rate:* 0%**Description:**

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

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* BILLING_YEAR		N	NUMBER	5
This is the year in which the recorded volume was billed.				
* BILLING_MONTH		N	NUMBER	5
This is the month in which the recorded volume was billed.				
BILLING_PERIOD		N	DATE	
This field is simply a date representation of the existing year and month fields, with '01' added as the day value. This field is present to assist in performance while accessing this table.				
* HDBS_TREE_SPECIES		N	VARCHAR2	2
A code that identifies the species of log being scaled.				
* FOREST_PRODUCT_CDE		N	VARCHAR2	2
This code identifies the type of forest product being scaled. It is blank for logs.				
* LOG_GRADE		N	VARCHAR2	1
A code assigned to each log to indicate the overall quality, which infers a certain value.				
* BILLING_TYPE_CODE		N	VARCHAR2	2
This is a code used to differentiate between various types of billed volumes. Examples being regular harvest volume, waste volume, trespass volume, and overcut volume.				
VOLUME_BILLED		N	NUMBER	10,3
This is the accumulated volume in cubic meters, that was used to determine the Stumpage or Royalty charge. This data is mutually exclusive to pieces_billed.				
PIECES_BILLED		N	NUMBER	10
This is the number of pieces used as the basis for Stumpage or Royalty billing for Christmas Trees.				
ROYALTY_AMOUNT		N	NUMBER	11,2
This is the accumulated amount of Royalty billed in the Billing Period.				
RESERVE_STMPG_AMT		N	NUMBER	9,2
This is the accumulated amount billed in a billing period, that represents the base price charged for the cubic meters excluding any bonus or levy amounts.				
BONUS_STUMPAGE_AMT		N	NUMBER	9,2
This is the accumulated amount billed in the billing period that is attributed to the Bonus bid.				
SILV_LEVY_AMOUNT		N	NUMBER	9,2
This is the accumulated silviculture levy amount for a billing period. It is a component of Stumpage.				
DEV_LEVY_AMOUNT		N	NUMBER	9,2
This is the accumulated development levy amount for a billing period. It is a component of Stumpage.				
ENTRY_TIMESTAMP		N	TIMESTAMP	
The data and time on which the entry was created.				
ENTRY_USERID		N	VARCHAR2	8
The VM ID from which the table entry was created.				
UPDATE_TIMESTAMP		N	TIMESTAMP	
The date and time on which the entry was last updated.				

Entity Name:	HARVEST_HISTORY (cont'd)	Short Name:	HH
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UPDATE_USERID	N	CHAR	8
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The VM ID from which the table entry was last updated.

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

* MUST BE IS_THE_BILLING_SUMMARY_OF one and only one TIMBER_MARK

* = Relationships in primary unique identifier.

Unique Identifiers:

HH	Primary	Y
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BILLING_TYPE_CODE

LOG_GRADE

FOREST_PRODUCT_CDE

HDBS_TREE_SPECIES

BILLING_MONTH

BILLING_YEAR

MUST BE IS_THE_BILLING_SUMMARY_OF one and only one TIMBER_MARK

Entity Name: INVC_LOAD_CNTRL			Short Name:	ILC
Plural:	INVC_LOAD_CNTRL			
Init. Volume:	0	Avg. Volume:	0	Max. Volume: 0
			Annual Growth Rate:	0%

Description:

This table is used to initiate the CIS table load process. It contains references to a batch of HDBS invoices and an indicator of what the disposition and status of the batch is. There are 3 codes that have an effect: prnt, load, del.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* BATCH_NUMBER		N	NUMBER	10
This is a number that uniquely identifies a batch of Invoices that are to be processed in the VM load procedures.				
INVOICE_TYPE_CODE		N	VARCHAR2	3
This is a code that identifies if the batch is a weight scale or a piece scale batch.				
INVOICE_COUNT		N	NUMBER	10
This is the number of invoices in the batch that is to be processed.				
BATCH_DISPOSITION		N	VARCHAR2	4
This is the indicated disposition for the batch. It is set by the valuation/operations clerk.				
LOAD_STATUS_ST		N	VARCHAR2	3
This is the status code of invoice load jobs. A load job will be: Submitted, Completed, Error, or "BLANK".				
ENTRY_TIMESTAMP		N	CHAR	26
The date and time that a row was inserted into the table.				
ENTRY_USERID		N	VARCHAR2	8
The VM ID of the machine that inserted the row into the Control table.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

ILC	Primary	Y
BATCH_NUMBER		

Entity Name: INVC_NOTATION			<i>Short Name:</i>	IN
<i>Plural:</i>	INVC_NOTATION			
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	0	<i>Max. Volume:</i> 0
			<i>Annual Growth Rate:</i>	0%

Description:

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

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* NOTATION_NUMBER		N	NUMBER	5
This column is a sequentially assigned number that is used to identify the occurrence of a notation on an invoice.				
NOTATION_TYPE_CD		N	VARCHAR2	3
This column is a code that identifies the type of notation that may appear on an invoice. It is required to provide selection values for reporting.				
ENTRY_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was created.				
ENTRY_USERID		N	VARCHAR2	8
The VM ID from which the table entry was created.				
UPDATE_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was last updated.				
UPDATE_USERID		N	VARCHAR2	8
This is the VM ID from which the row was last updated.				
NOTATION_TEXT		N	VARCHAR2	62
The notation text can be generated from the Billing System or from manual input on the Return. NOTATION_TEXT annotates the invoice putting into context the information on the invoice.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- * MUST BE IS_IN_REFERENCE_TO one and only one FOREST_INVOICE
- * = Relationships in primary unique identifier.

Unique Identifiers:

IN	Primary	Y
NOTATION_NUMBER		
MUST BE IS_IN_REFERENCE_TO one and only one FOREST_INVOICE		

Entity Name: INVC_OTHR_CHARG			<i>Short Name:</i>	IOC
<i>Plural:</i>	INVC_OTHR_CHARG			
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	0	<i>Max. Volume:</i> 0
			<i>Annual Growth Rate:</i>	0%

Description:

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

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INVC_OTHR_SEQ_NUM		N	NUMBER	5
The amount due for the service or items renderd.				
REVENUE_CLASSN_CD		N	VARCHAR2	3
This is a code used to differentiate revenues to the General Ledger.				
NUMBER_OF_UNITS		N	NUMBER	9,1
The number of units to which the rate is applied to determine the charge amount.				
RATE_PER_UNIT		N	NUMBER	7,4
The rate associated with the type of charge.				
INVC_OTHR_CHG_AMT		N	NUMBER	9,2
The amount due for the service or items renderd.				
ENTRY_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was created.				
ENTRY_USERID		N	VARCHAR2	8
The VM ID from which the table entry was created.				
UPDATE_TIMESTAMP		Y	TIMESTAMP	
This is the date and time at which the row was last updated.				
UPDATE_USERID		Y	VARCHAR2	8
This is the VM ID from which the row was last updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE BELONG_TO one and only one FOREST_INVOICE
- * = Relationships in primary unique identifier.

Unique Identifiers:

IOC	Primary	Y
INVC_OTHR_SEQ_NUM		
MUST BE BELONG_TO one and only one FOREST_INVOICE		

Entity Name: INVOICE_DETAIL_TXN

Short Name:

IDT

Plural: INVOICE_DTL_TXN

Init. Volume: 0

Avg. Volume: 0

Max. Volume: 0

Annual Growth Rate: 0%

Description:

This is the detail component of the billing transaction. Data here maps directly into the General Billing Detail table as part of the posting cycle.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LINE_ITEM_NUMBER		N	NUMBER	5
This is a sequential number assigned to each detail line on an invoice that is captured in the table.				
RESPONSE_CENTRE_CD		N	VARCHAR2	3
A code that uniquely identifies a response centre group within the Ministry				
NUMBER_OF_UNITS		N	NUMBER	15,5
The number of units pertaining to a line item on an invoice.				
UNIT_OF_MEASURE_CD		N	VARCHAR2	3
A code indicating the type of units pertaining to a line item on an invoice.				
UNIT_RATE		N	NUMBER	15,5
A rate, based upon the type of unit, pertaining to a line item on an invoice.				
EXTENDED_AMOUNT		N	NUMBER	11,2
Any item that appears on a general invoice must have an associated amount charged. This is the extended amount.				
OCG_SUPPLIER_NMBR		N	VARCHAR2	10
Office of the Comptroller General's reference number for identification of government suppliers.				
UPDATE_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was last updated.				
UPDATE_USERID		N	VARCHAR2	8
This is the VM ID from which the row was last updated.				
ENTRY_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was created.				
ENTRY_USERID		N	VARCHAR2	8
The VM ID from which the table entry was created.				
LINE_ITEM_DESCR		N	VARCHAR2	38
Any item that appears on a general invoice must have a description defining the item. That description is recorded here.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MUST BE HAS_REVENUE_CLASS_DEFINED_BY one and only one ACK_MASK

* MUST BE IS_PART_OF one and only one GENERAL_INVOICE_TXN

* = Relationships in primary unique identifier.

Unique Identifiers:

IDT Primary Y

LINE_ITEM_NUMBER

MUST BE IS_PART_OF one and only one GENERAL_INVOICE_TXN

Entity Name: NOTATION_TXN			<i>Short Name:</i>	NT
<i>Plural:</i>	NOTATION_TXN			
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	0	<i>Max. Volume:</i> 0
			<i>Annual Growth Rate:</i>	0%

Description:

This is a table that holds the notations for a general invoice transaction. It maps directly into the Forest Invoice Notations table in CIS during the billing cycle.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* NOTATION_NUMBER		N	NUMBER	5
This column is a sequentially assigned number that is used to identify the occurrence of a notation on an invoice.				
ENTRY_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was created.				
ENTRY_USERID		N	VARCHAR2	8
The VM ID from which the table entry was created.				
UPDATE_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was last updated.				
UPDATE_USERID		N	VARCHAR2	8
This is the VM ID from which the row was last updated.				
NOTATION_TEXT		N	VARCHAR2	62
The notation text can be generated from the Billing System or from manual input on the Return. NOTATION_TEXT annotates the invoice putting into context the information on the invoice.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE HELPS_DESCRIBE one and only one FOREST_INVOICE_TXN
- * = Relationships in primary unique identifier.

Unique Identifiers:

NT	Primary	Y
NOTATION_NUMBER		
MUST BE HELPS_DESCRIBE one and only one FOREST_INVOICE_TXN		

Entity Name: ORG_RESP_DSTRCT			<i>Short Name:</i> ORD	
<i>Plural:</i> ORG_RESP_DSTRCT				
<i>Init. Volume:</i> 0		<i>Avg. Volume:</i> 0		<i>Max. Volume:</i> 0
				<i>Annual Growth Rate:</i> 0%

Description:

Contains a cross reference between Organizational Units, and Response Centres. This includes all branch, region, and district offices.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ORG_UNIT_NO		N	NUMBER	10
Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and not to be used by people as "ministry codes".				
* RESPONSE_CENTRE		N	VARCHAR2	3
Code to identify a portion of a district, a region, or a branch that is responsible for making an expenditure.				
* DISTRICT_NUMBER		N	VARCHAR2	2
A two character number identifying a district of the Ministry of Forests. This is the old HDBS format for temporary use until bridging is no longer required.				
* = <i>Attributes in primary unique identifier.</i>				

Unique Identifiers:

ORD	<i>Primary</i>	Y
<i>DISTRICT_NUMBER</i>		
<i>RESPONSE_CENTRE</i>		
<i>ORG_UNIT_NO</i>		

Entity Name: ORG_UNIT			<i>Short Name:</i>	OU
<i>Plural:</i>	ORG_UNIT			
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	0	<i>Max. Volume:</i> 0
			<i>Annual Growth Rate:</i>	0%

Description:

Records codes for ministry Organizational Units (offices), such as a Branch, Region, or District office. Codes are currently defined to the office, section/program, and subsection level.

Attributes:

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

Relationships:

Each Occurrence Of This Entity:

MUST BE RECEIVES_COPIES_OF one or more FOREST_INVOICE

MAY BE ADMINISTERS one or more GENERAL_INVOICE

MAY BE ORIGINATES one or more GENERAL_INVOICE

MAY BE IS_THE_ORIGIN_OF one or more GNRL_INVC_TXN

MAY BE MANAGES one or more GNRL_INVC_TXN

* = *Relationships in primary unique identifier.*

Unique Identifiers:

OU	<i>Primary</i>	Y
ORG_UNIT_NO		

Entity Name: PCE_SCL_INVOICE

Short Name:

PSI

Plural: PCE_SCL_INVOICE

Init. Volume: 0

Avg. Volume: 0

Max. Volume: 0

Annual Growth Rate: 0%

Description:

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

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
PREDOMINANT_MARK		N	VARCHAR2	7
This alpha numeric field is a descriptive field set to indicate which process was used in the Piece Scale Billing. It is also used to indicate which Mark timber with No Mark Visible is to be assigned to for determination of stumpage rates.				
NUMBER_OF_SECTIONS		N	NUMBER	3,1
This field indicates the decimal count of the sections that are in a log boom.				
COMMENT_ON_CHAINS		N	VARCHAR2	14
This is a field that indicates the number of boom chains between swifters and boom sticks that hold a boom together. It is also used as a comment field.				
CAMP_BOOM_COMMENT		N	VARCHAR2	18
This alpha numeric field is a descriptive field set by the log boom owner as their boom ID number.				
SCALERS_RETURN_NUM		N	NUMBER	5
This is a three digit number, taken from the scaler's diary, used to identify a piece scale return.				
ENTRY_TIMESTAMP		N	TIMESTAMP	
This is the date and time at which the row was created.				
ENTRY_USERID		N	VARCHAR2	8
The VM ID from which the table entry was created.				
UPDATE_TIMESTAMP		Y	TIMESTAMP	
This is the date and time at which the row was last updated.				
UPDATE_USERID		Y	VARCHAR2	8
This is the VM ID from which the row was last updated.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

- * MUST BE BELONGS_TO one and only one FOREST_INVOICE
 MAY BE IS_THE_PARENT_OF one or more PS_INVOICE_DTL

* = Relationships in primary unique identifier.

Unique Identifiers:

PSI Primary Y

MUST BE BELONGS_TO one and only one FOREST_INVOICE

Entity Name: PROV_FOREST_USE			<i>Short Name:</i>	PFU
<i>Plural:</i>	PROV_FOREST_USE			
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	0	<i>Max. Volume:</i> 0
			<i>Annual Growth Rate:</i>	0%

Description:

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

Attributes:

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

Relationships:

Each Occurrence Of This Entity:

MAY BE IS_LINKED_BY one and only one BILLABLE_TENURE

MAY BE IF_IT_IS_A_RANGE_TENURE one or more GENERAL_INVOICE

MAY BE IS_REFERENCED_BY one or more GNRL_INVC_TXN

MAY BE RESULTS_IN one or more RANGE_BILL_INST

* = *Relationships in primary unique identifier.*

Unique Identifiers:

PFU	<i>Primary</i>	Y
FOREST_FILE_ID		

Entity Name: PS_INVOICE_DTL

Short Name:

PID

Plural: PS_INVOICE_DTL

Init. Volume: 0

Avg. Volume: 0

Max. Volume: 0

Annual Growth Rate: 0%

Description:

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

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HDBS_TREE_SPECIES		N	VARCHAR2	2
A Code that identifies the species of log or material being invoiced.				
* FOREST_PRODUCT_CD		N	VARCHAR2	2
A Code that further qualifies the type of material being invoiced. It specifies whether the material is something other than logs, eg. Fence Posts, or Telephone Poles, or Christmas trees.				
* OTHER_LOG_DESC_CD		N	VARCHAR2	3
A Code that further qualifies the type of material being invoiced. Eg. Shards, Stumps, etc.				
* LOG_GRADE		N	VARCHAR2	1
An alpha field that indicates the overall quality of the timber and thus infers a certain value.				
KIND_OF_SCALE		N	VARCHAR2	1
This attribute indicates if the scale was performed on a volume basis or a pieces basis.				
* REVENUE_CLASSN_CD		N	VARCHAR2	3
This code indicates the type of revenue that was earned. It is used to report revenue to the General Ledger.				
* NMV_INDICATOR		N	VARCHAR2	1
This attribute indicates if the scale was performed on material where there was no discernible Timber Mark.				
* SB4_INDICATOR		N	VARCHAR2	1
This attribute indicates if the material for the current segregation has been scaled before.				
* MARKING_PAINT_CODE		N	VARCHAR2	2
This is a flag is used in the assigning of a Timber Mark for the specific line of piece scale detail. It refers to a paint color, i.e. "SI" = Silver, "RE" = Red, "BA" = Black.				
NUMBER_OF_PIECES		N	NUMBER	10
This attribute is a count of all the pieces that were scaled in the segregation.				
VOLUME		N	NUMBER	11,3
This attribute indicates the volume that was computed as the basis for the assessment. It is recorded in cubic meters.				
RATE_IN_DOLLARS		N	NUMBER	9,2
BONUS_AMOUNT		N	NUMBER	9,2
This attribute indicates the amount of the assessment that was attributed to the bonus bid on a sale.				
DEV_LEVY_AMOUNT		N	NUMBER	9,2
This attribute indicates the amount of the assessment that was attributed to development levies.				
SILV_LEVY_AMOUNT		N	NUMBER	9,2
This attribute indicates the amount of the assessment that was attributed to silviculture levies.				
AMOUNT_IN_DOLLARS		N	NUMBER	9,2
This attribute indicates the amount that was computed for the segregation, including any silviculture or development levies, and bonus amounts.				
ENTRY_TIMESTAMP		N	TIMESTAMP	

Entity Name: PS_INVOICE_DTL (cont'd)	<i>Short Name:</i>	PID
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This is the date and time at which the row was created.		
ENTRY_USERID	N VARCHAR2	8
The VM ID from which the table entry was created.		
UPDATE_TIMESTAMP	N TIMESTAMP	
This is the date and time at which the row was last updated.		
UPDATE_USERID	N VARCHAR2	8
This is the VM ID from which the row was last updated.		

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- * MUST BE BELONGS_TO one and only one PCE_SCL_INVOICE
 - * MUST BE HAS_BILLING_VALUES_ALLOCATED_TO one and only one TIMBER_MARK
- * = Relationships in primary unique identifier.

Unique Identifiers:

PID	Primary	Y
MARKING_PAINT_CODE		
SB4_INDICATOR		
NMV_INDICATOR		
REVENUE_CLASSN_CD		
LOG_GRADE		
OTHER_LOG_DESC_CD		
FOREST_PRODUCT_CD		
HDBS_TREE_SPECIES		
MUST BE BELONGS_TO one and only one PCE_SCL_INVOICE		
MUST BE HAS_BILLING_VALUES_ALLOCATED_TO one and only one TIMBER_MARK		

Entity Name: RANGE_BILL_INST

Short Name:

RBI

Plural: RANGE_BILL_INST

Init. Volume: 0

Avg. Volume: 0

Max. Volume: 0

Annual Growth Rate: 0%

Description:

This entity is used to specify the billing instruction if any that should be or has been issued against a tenure or existing invoice. These instructions may be to issue, cancel, replace, adjust, or not to issue any billing instructions.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
RANGE_BILL_INST_ID		N	NUMBER	10
Identifies a unique billing instruction				
* CALENDAR_YEAR		N	NUMBER	4
The calendar year beginning CCYY-01-01 and ending CCYY-12-31. The format is CCYY: CC = century, YY = year.				
* CERTIFIED_TS		N	TIMESTAMP	
The date when a billing instruction was issued against a tenure and deemed ready for billing.				
BILLING_INSTRUC_CD		N	VARCHAR2	3
The Billing instruction is used to specify the billing transaction type that must be taken against a tenure or invoice. These transactions are ready for billing, bill with issuance fees, cancel, replace, replace with issuance fees, and do not bill.				
CERTIFIED_USERID		N	VARCHAR2	30
The userid that issued a billing instruction associated with a tenure.				
ENTRY_USERID		N	VARCHAR2	30
The userid of the individual who first entered the record.				
ENTRY_TIMESTAMP		N	DATE	
The date and time on which the entry was created.				
UPDATE_USERID		N	VARCHAR2	30
The userid of the individual who last updated this information.				
UPDATE_TIMESTAMP		N	DATE	
The date and time of the last update.				
REVISION_COUNT		N	NUMBER	5
A counter for the number of times a given row in the table is updated. Provides update data integrity.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

* MUST BE IS_A_RESULT_OF one and only one PROV_FOREST_USE

* = Relationships in primary unique identifier.

Unique Identifiers:

RBI

Primary Y

CERTIFIED_TS

CALENDAR_YEAR

MUST BE IS_A_RESULT_OF one and only one PROV_FOREST_USE

Entity Name: RANGE_BILL_RATE			Short Name:	RBR
Plural:	RANGE_BILL_RATE			
Init. Volume:	0	Avg. Volume:	0	Max. Volume: 0
			Annual Growth Rate:	0%

Description:

Range tenure rate information used to calculate ground rent and usage fees. The combination of tenure and rate type is used to identify a range revenue classification code. Only update of range_rate and revenue_classn_cd will be allowed for tenr/rate.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
RANGE_BILL_RATE_ID		N	NUMBER	10
Identifies a unique range bill rate.				
* CALENDAR_YEAR		N	NUMBER	4
The calendar year beginning CCYY-01-01 and ending CCYY-12-31. The format is CCYY: CC = century, YY = year.				
* UPDATE_TIMESTAMP		N	TIMESTAMP	
The date and time of the last update.				
RANGE_FILE_TYPE_CODE		N	VARCHAR2	3
Idenntifies the type of the range file.				
* RANGE_RATE_CD		N	VARCHAR2	3
The code identifying a range billing rate. There are rates for ground rent and usage. There are also one time fees for issuing a permit, licence, or non-replaceable permits.				
REVENUE_CLASSN_CD		N	VARCHAR2	3
The revenue classification code associated with the range fee or rate and the range tenure type.				
RANGE_RATE		N	NUMBER	5,2
The dollar amount of a range billing rate. There arerates for ground rent and usage. There are also one time fees for issuing a permit, licence, or non-replaceable permits.				
UPDATE_USERID		N	VARCHAR2	30
The userid of the individual who last updated this information.				
RNG_TENR_RATE_DESC		Y	VARCHAR2	200
The description of billing for a unique combination of tenure type and range rate that will be used to apply a specific rate. The combination of tenure and range_rate_cd is also used to identify a revenue classification code.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

RBR	Primary	Y
RANGE_RATE_CD		
UPDATE_TIMESTAMP		
CALENDAR_YEAR		

Entity Name: SCALER		Short Name: SCA	
<i>Plural:</i>	SCALER		
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	0
		<i>Max. Volume:</i>	0
		<i>Annual Growth Rate:</i>	0%

Description:

The Scaler is a person who is a Ministry of Forests client and is qualified to perform various types of quantification measurements on forest products. Typically he/she might perform a scale of logs.

Attributes:

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

Unique Identifiers:

SCA	Primary	Y
CLIENT_NUMBER		

Entity Name: SCALE_SITE		<i>Short Name:</i> SS	
<i>Plural:</i>	SCALE_SITE		
<i>Init. Volume:</i>	0	<i>Avg. Volume:</i>	0
		<i>Max. Volume:</i>	0
		<i>Annual Growth Rate:</i>	0%

Description:

The scale site is the geographic location where a scaling operation is situated.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SCALE_SITE_ID_NMBR		N	VARCHAR2	3
An alphanumeric code used to uniquely identify a scale site.				
* = <i>Attributes in primary unique identifier.</i>				

Relationships:

Each Occurrence Of This Entity:

MAY BE IS_RECORDED_ON one or more FOREST_INVOICE

* = *Relationships in primary unique identifier.*

Unique Identifiers:

SS	<i>Primary</i>	Y
SCALE_SITE_ID_NMBR		

Entity Name: TAX_RATE_TABLE				<i>Short Name:</i> TRT	
<i>Plural:</i> TAX_RATE_TBL					
<i>Init. Volume:</i> 2		<i>Avg. Volume:</i> 10		<i>Max. Volume:</i> 100	
				<i>Annual Growth Rate:</i> 1%	

Description:
Identifies current and historical rates of taxation used for calculating GST, PST, etc.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TAX_RATE_CODE		N	VARCHAR2	3
Code to indicate GST or PST				
* EXPIRY_DATE		N	DATE	
The last day on which the tax rate is in effect.				
* EFFECTIVE_DATE		N	DATE	
The first day on which the tax rate is in effect.				
TAX_RATE_PERCENTAGE		N	NUMBER	5,2
The percentage of the applicable tax.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

TRT	Primary	Y
EFFECTIVE_DATE		
EXPIRY_DATE		
TAX_RATE_CODE		

Entity Name: TIMBER_MARK			Short Name: TM	
Plural: TIMBER_MARK				
Init. Volume: 0	Avg. Volume: 0	Max. Volume: 0	Annual Growth Rate: 0%	

Description:

Information about the timber cutting and moving permission for a timber tenure. For Private Timber Marks, the ministry does not grant cutting permission. For some Road Permits and Licences to Cut, no moving permission is granted. Otherwise, synonymous.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TIMBER_MARK		N	VARCHAR2	6
Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE WILL_HAVE_A_BILLING_SUMMARY_ON one or more HARVEST_HISTORY
MAY BE IS_NOTED_ON one or more PS_INVOICE_DTL
MAY BE MAY_HAVE_VOLUME_RECORDED one or more WGT_SCL_INVOICE
* = Relationships in primary unique identifier.

Unique Identifiers:

TM	Primary	Y
TIMBER_MARK		

Entity Name: TIMBER_MARK_BILLING_CLIENT**Short Name:** TMBC**Plural:** MARK_BILLED_CLI**Init. Volume:** 0**Avg. Volume:** 0**Max. Volume:** 0**Annual Growth Rate:** 0%**Description:**

Identifies the client receiving an invoice or volume statement for harvested timber. (Contains redundant information for HBS reporting).

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* TIMBER_MARK		N VARCHAR2	6
Unique identifying set of characters to be stamped or marked on the end of each log to associate the log with the specific authority to harvest and move timber.			
FOREST_FILE_ID		N VARCHAR2	10
File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.			
CUTTING_PERMIT_ID		N VARCHAR2	3
Identifier for a cutting permit associated with a quota type harvesting tenure.			
FILE_TYPE_CODE		N VARCHAR2	3
The code to indicate the type of ministry office file, usually synonymous with a tenure type.			
FOREST_REGION		N NUMBER	10
Identifies the organizational unit number for the forest region.			
FOREST_DISTRICT		N NUMBER	10
Identifies the organizational unit number for the forest district.			
GEOGRAPHIC_DISTRICT		N NUMBER	10
The geographical location of the timber mark identified by the organizational unit number for a forest district.			
CLIENT_NUMBER		N VARCHAR2	8
Sequentially assigned number to identify a ministry client.			
CLIENT_LOCN_CODE		N VARCHAR2	2
A code to uniquely identify, within each client, the addresses of different divisions or locations at which the client operates. The location code is sequentially assigned starting with '00' for the client's permanent address.			

* = Attributes in primary unique identifier.

Unique Identifiers:

TMBC	Primary	Y
TIMBER_MARK		

Entity Name: TSC_INVOICE*Short Name:*

TI

Plural: TSC_INVOICE*Init. Volume:* 0*Avg. Volume:* 0*Max. Volume:* 0*Annual Growth Rate:* 0%**Description:**

A group of billed Items which will appear on an Invoice, directed to a client location, used to bill clients for the provision of requested services.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INVOICE_NUMBER		N	VARCHAR2	7
The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice. Generated by concatenating the prefix 'CS' with the next available sequence number for TSC invoices.				
INVOICE_AMOUNT		N	NUMBER	9,2
The total amount due and payable on an invoice.				
PST_AMOUNT		N	NUMBER	9,2
The total P.S.T due and payable on an invoice.				
GST_AMOUNT		N	NUMBER	9,2
The total G.S.T due and payable on an invoice.				
INVOICE_DATE		N	DATE	
A system date that is assigned to each invoice run that indicates when an Invoice was generated.				
PRINTED_DATE		Y	DATE	
The date on which an invoice was printed.				
FINAL_SERVICE_UPDATE_DATE		Y	DATE	
The date that the invoice was transferred to the Central Invoicing System (C.I.S.).				
ENTRY_TIMESTAMP		N	TIMESTAMP	
The time and date an invoice was entered onto the system.				
ENTRY_USERID		N	VARCHAR2	30
The userid of the individual that entered the invoice.				
UPDATE_TIMESTAMP		N	TIMESTAMP	
The time and date an invoice was last updated on the system.				
UPDATE_USERID		N	VARCHAR2	30
The userid of the individual that changed the invoice.				
REVISION_COUNT		N	NUMBER	5
A counter used to ensure data integrity. This item should be incremented during each update.				
INVOICE_COMMENT		Y	VARCHAR2	80
A free format text field used to enter general comments for a Tree Seed Centre invoice.				
CLIENT_NUMBER		N	VARCHAR2	8
The numeric code of the Client who is deemed to be responsible for payment of the Invoice.				
CLIENT_LOCN_CODE		N	VARCHAR2	2
The Client Location code of the Client who is deemed to be responsible for payment of the invoice.				
CANCELLED_BY_INVOICE		Y	VARCHAR2	7
This attribute contains the INVOICE_NUMBER of the invoice that has canceled the current invoice.				
INVOICE_RELATION_TYPE_CODE		Y	VARCHAR2	3
This is a code that indicates, where there is a related invoice, what the relationship is. i.e. replace, cancels, confirm, rescales, and adjusts.				

Entity Name:	TSC_INVOICE (cont'd)	Short Name:	TI
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REPLACED_BY_INVOICE	Y	VARCHAR2	7
This attribute contains the INVOICE_NUMBER of the invoice that has replaced the current invoice.			
RELATED_INVOICE	Y	VARCHAR2	7
This attribute contains the INVOICE_NUMBER of a invoice that the current invoice has acted upon.			

* = Attributes in primary unique identifier.

Unique Identifiers:

TI	Primary	Y
INVOICE_NUMBER		

Entity Name: WGT_SCL_INVOICE

Short Name:

WSI

Plural: WGT_SCL_INVOICE

Init. Volume: 0

Avg. Volume: 0

Max. Volume: 0

Annual Growth Rate: 0%

Description:

This table contains information that is unique to all Weight Scale Invoices.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
FIRST_PER_END_DATE		N	DATE	
In some cases, where a stumpage or royalty rate changes mid-month, there will be two billing periods. The date referred to by this attribute is the first or only period end date.				
FIRST_PER_TTL_WGT		N	NUMBER	11
In some cases where a stumpage or royalty rate changes mid-month, there will be two billing periods. This field records the total weight in Kg for all the loads that were included in the first or only billing period.				
REL_FST_PER_WGT		N	NUMBER	11
In some cases where a stumpage or royalty rate changes mid-month, there will be two billing periods. If the current invoice is cancelling or replacing a related invoice the first period, or only weight from the related invoice is recorded here.				
SCND_PER_END_DATE		N	DATE	
In some cases, where a stumpage or royalty rate changes mid-month, there will be two billing periods. This date is the end date of the second billing period.				
SCND_PER_TTL_WGT		N	NUMBER	11
In some cases where a stumpage or royalty rate changes mid-month, there will be two billing periods. This field records the total weight in Kg for all the loads that were included in the second billing period whenever there were two such periods.				
REL_SCND_PER_WGT		N	NUMBER	11
In some cases where a stumpage or royalty rate changes mid-month, there will be two billing periods. If the current invoice cancels or replaces a related invoice, and the related invoice has two periods, then the related invoice 2nd period weight is svd.				
NUMBER_OF_LOADS		N	NUMBER	5
Each invoice is prepared from a scale return that records the weights for a specific number of loads of logs. This number appears on the Invoice.				
POPULATION		N	VARCHAR2	4
This is an identifier for weight scaled material harvested from an area of operation. Samples from the population are taken and used to determine the volume to weight ratio for the strata within the population.				
POPULATION_YEAR		N	NUMBER	5
The Population year is set for a population to support cyclic billing. A new set of samples and new billing records are started for each new year for a population.				
STRATUM		N	VARCHAR2	2
A stratum is a segregation within a population that contains materials that are essentially similar. A typical stratum in a population might be the spruce stratum or fir stratum.				
PREVIOUS_INVOICE		Y	VARCHAR2	7
This field always points to the previous invoice that was issued for the specific Population / Population Year / stratum / Timber Mark, against which the current invoice was issued. This is a requirement of Cyclic billing.				
SCALE_RETURN_NUM		N	NUMBER	10
This is a unique number that identifies the scale return document from which the weights that were used to compute the invoice were drawn.				
REVENUE_CLASSN_CD		N	VARCHAR2	3
This code indicates the type of revenue that was earned. It is used to report revenue to the General Ledger.				

Entity Name: WGT_SCL_INVOICE (cont'd)		Short Name:	WSI
YTD_TOTAL_WEIGHT	N NUMBER	11	
This is the total weight in kilograms of all loads that were measured for the Population / Population Year / Stratum / Timber Mark, identified on the current invoice, starting at the beginning of the cyclic billing year.			
LICENCE_INVOICED	N VARCHAR2	10	
The licence as it appeared on the original invoice. This field is necessary to ensure that the correct licence is displayed on the invoice facsimiles (i.e. a lookup to the Timber_Mark table to obtain the licence may not yield the correct results).			
PERMIT_INVOICED	Y VARCHAR2	3	
The permit as it appeared on the original invoice. This field is necessary to ensure that the correct permit is displayed on the invoice facsimiles (i.e. a look-up to the Timber_Mark table to obtain the permit may not yield the correct results).			
ENTRY_USERID	N VARCHAR2	8	
The VM ID from which the table entry was created.			
ENTRY_TIMESTAMP	N TIMESTAMP		
This is the date and time at which the row was created.			
UPDATE_TIMESTAMP	Y TIMESTAMP		
This is the date and time at which the row was last updated.			
UPDATE_USERID	Y VARCHAR2	8	
This is the VM ID from which the row was last updated.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

- * MUST BE BELONGS_TO one and only one FOREST_INVOICE
- MUST BE HAS_ITS_VOLUME_NOTED_ON one and only one TIMBER_MARK
- MUST BE IS_THE_PARENT_FOR one or more WS_INVOICE_DTL
- * = Relationships in primary unique identifier.

Unique Identifiers:

WSIPrimaryY

MUST BE BELONGS_TO one and only one FOREST_INVOICE

Entity Name: WS_INVOICE_DTL

Short Name:

WID

Plural: WS_INVOICE_DTL

Init. Volume: 0

Avg. Volume: 0

Max. Volume: 0

Annual Growth Rate: 0%

Description:

This table contains the invoice amounts at a species segregation level for Weight Scale Invoices.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* HDBS_TREE_SPECIES		N	VARCHAR2	2
A code that identifies the species of log or material being invoiced.				
* LOG_GRADE		N	VARCHAR2	1
A code that indicates the overall quality of the timber and thus infers a certain value.				
* WEIGHT_REF_NUMBER		N	NUMBER	5
A number ranging from 1 to 4 assigned by the Weight Scale billing process to identify logs scaled at a specific weight and rate for a given billing time period. It is also used to identify cancelling detail from adjusting detail.				
PERIOD_REF_NUMBER		N	NUMBER	5
This number relates the current line of detail to the split period billing date so that all detail lines can be referenced back to a billing period. Values are: 0 - normal end of month, 1 - first of two split periods, 2 - 2nd of two split periods.				
NEGATION_IND		N	VARCHAR2	1
Indicates if a detail line is from the related invoice and of opposit sign. If set to "N", the detail line is a new and original entry in the Weight Scale cyclic billing process. When set to "Y" the detail line is "Negated" from the WS cyclic billing.				
WEIGHT_X_RATE_YTD		N	NUMBER	11
This is a year-to-date summation of the weight times the rate for all invoices issued against one population / population year / stratum / timber mark. The value is set to zero at the start of each new cyclic billing year.				
SEGREGATION_RATIO		N	NUMBER	7,5
This is the estimated volume in M3, for the segregation, per tonne of logs weighed within the stratum. The sum of all segregation ratios represents the ratio for the stratum.				
RATE_IN_DOLLARS		N	NUMBER	9,2
The attribute that states the dollar rate per cubic meter that is set at the specified billing period end.				
YTD_VOLUME		N	NUMBER	13,3
This is the year to date summation of the weight times the ratio of all logs weighed within a population / population year / stratum / timber mark, within the cyclic billing year for a given segregation.				
ADDITIONAL_VOLUME		N	NUMBER	13,3
This volume is the difference between the YTD_VOLUME computed for the segregation on the current invoice and the YTD_VOLUME for the segregation from the previous invoice for the population / population year / stratum / timber mark.				
YTD_AMOUNT		N	NUMBER	9,2
The actual amount billed associated with the current invoice for the whole year including the current invoice.				
ADDITIONAL_AMOUNT		N	NUMBER	9,2
The actual amount billed associated with the current invoice only, and is inclusive of any silviculture or development levies, and bonus bid amounts.				
BONUS_AMOUNT		N	NUMBER	9,2
This is the portion of the additional amount that is attributed to the bonus bid component on a Timber Mark.				
DEV_LEVY_AMOUNT		N	NUMBER	9,2
This is the portion of the additional amount that is attributed to development levies				

Entity Name:	WS_INVOICE_DTL (cont'd)	Short Name:	WID
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indicated for the Timber Mark.			
SILV_LEVY_AMOUNT	N	NUMBER	9,2
This is the portion of the additional amount that is attributed to silviculture levies indicated for the Timber Mark.			
ENTRY_TIMESTAMP	N	TIMESTAMP	
This is the date and time at which the row was created.			
ENTRY_USERID	N	VARCHAR2	8
The VM ID from which the table entry was created.			
UPDATE_TIMESTAMP	N	TIMESTAMP	
This is the date and time at which the rw was last updated.			
UPDATE_USERID	N	VARCHAR2	8
This is the VM ID from which the row was last updated.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

- * MUST BE BELONGS_TO one and only one WGT_SCL_INVOICE
- * = Relationships in primary unique identifier.

Unique Identifiers:

WID	Primary	Y
HDBS_TREE_SPECIES		
LOG_GRADE		
WEIGHT_REF_NUMBER		
MUST BE BELONGS_TO one and only one WGT_SCL_INVOICE		

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