Table and Column Definitions Report

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Parameters

Workarea:	GLOBAL SHARED WORKAREA
Container:	GBS
Table / View / Materialized View:	%
Include Tables?	Y
Include Views?	Y
Include Materialized Views?	Y
Data Structure Diagram:	%
Exclude Prefix:	
Include Table / View / MV Descriptions?	Y
Include Table / View / MV Comments?	N
Include Column Descriptions?	Y
Include Column Comments?	N
Include Column Notes?	Y
Include Unique Constraints?	Y
Include Foreign Key Constraints?	Y
Include Check Constraints?	Y
Include Indexes?	Y

Table: ACK_MASK

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	ACK_MASK_ACODE	NOT NULL	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.

Table: ACK_MASK_SUBSET

Description:

Columns:

Seq.	Column	Nulls?	Type
* 1	ACK_MASK_SBST_NAME	NOT NULL	VARCHAR2(18)
* 2	ACK_MASK_ACODE	NOT NULL	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.

Foreign Keys:

AMS_AM_FK
ACK_MASK_ACODE = ACK_MASK.ACK_MASK_ACODE

Table: AR_POST_TXN_KEY

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.

Columns:

	Seq.	Column	Nulls?	Type
*	1	CANCELLATION_IND	NOT NULL	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".		
	3	DELETE_IND	NOT NULL	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".		
*	4	INVOICE_NUMBER	NOT NULL	VARCHAR2(7)
		The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.		

Foreign Keys:

APTK_FI_FK
CANCELLATION_IND = FOREST_INVOICE.CANCELLATION_IND
INVOICE_NUMBER = FOREST_INVOICE.INVOICE_NUMBER

Indexes:

APTK_FI_FK_I
CANCELLATION_IND
INVOICE_NUMBER

Table: BILLABLE_TENURE

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.

Columns:

	Seq.	Column	Nulls?	Type
*	1	CALENDAR_YEAR	NOT NULL	NUMBER(5)
		The calendar year beginning CCYY-01-01 and ending CCYY-12-31. The format is CCYY: CC = century, YY = year.		
	2	CERTIFIED_TS	NOT NULL	DATE
		The date when a billing instruction was issued against a tenure and deemed ready for billing.		
	3	INVOICE_PREP_IND	NOT NULL	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.		
	4	ENTRY_USERID	NOT NULL	VARCHAR2(8)
		The userid of the person who made the tenure "ready" for billing.		
	5	ENTRY_TIMESTAMP	NOT NULL	DATE
		The timestamp when a row was inserted into the table.		
	6	UPDATE_TIMESTAMP	NOT NULL	DATE
		The timestamp when the tenure was processed by GBS and an Invoice was prepared.		
*	8	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
		File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.		

Foreign Keys:

BT_PFU_FK
FOREST_FILE_ID = PROV_FOREST_USE.FOREST_FILE_ID

Indexes:

BT_PFU_FK_I
FOREST_FILE_ID

Table: CLIENT_LOCATION

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	CLIENT_NUMBER	NOT NULL	VARCHAR2(8)
	A system generated number that uniquely identifies a person or company conducting business with the Ministry of Forests		
* 2	CLIENT_LOCN_CODE	NOT NULL	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.		

Table: CLI_LOCN_AUDIT

Description:

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

Columns:

Seq.	Column	Nulls?	Type
* 1	UPDATE_TIMESTAMP The date and time of the last update.	NOT NULL	DATE

Table: CLNT_RCVBL_ACCT

Description:

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

Columns:

Seq.	Column	Nulls?	Type
* 2	CLIENT_LOCN_CODE	NOT NULL	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.		
* 2	CLIENT_NUMBER	NOT NULL	VARCHAR2(8)
	A sequentially assigned number which uniquely identifies a Ministry client.		
3	ACCOUNT_STATUS_CD	NOT NULL	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).		
4	ACCOUNT_TYPE_CODE	NOT NULL	VARCHAR2(3)
	The account type describing the client receivable account.		
5	ACCOUNT_OPEN_DATE	NOT NULL	DATE
	The date the account was opened.		
6	ADMIN_ORG_UNIT_NO	NOT NULL	NUMBER(10,0)
	The Organisation Unit responsible for the Client Receivable Account.		
7	ACCT_CREDIT_LIMIT	NOT NULL	NUMBER(15,2)
	The credit limit for the account receivable.		
8	INTERST_CHARGE_IND	NOT NULL	VARCHAR2(1)
	A Y/N value indicating whether interest is charged on the account.		
9	STATEMNT_PRODN_IND	NOT NULL	VARCHAR2(1)
	An indicator indicating whether statements get generated.		
10	STATEMENT_CYCLE_CD	NOT NULL	VARCHAR2(1)
	The frequency at which statements get generated.		
11	COL_ORG_UNIT_NO	NOT NULL	NUMBER(10,0)
	An Organisational Unit.		
12	UPDATE_USERID	NOT NULL	VARCHAR2(8)
	An audit tracking mechanism identifying who modified this record.		
13	UPDATE_ORG_UNIT_NO	NOT NULL	NUMBER(10,0)
	An audit tracking mechanism identifying the Org Unit of who modified this record.		
14	UPDATE_TIMESTAMP	NOT NULL	DATE
	An audit timestamp tracking when the last time information was modified on this record.		
15	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	An audit tracking mechanism identifying who added this record.		
16	ENTRY_ORG_UNIT_NO	NOT NULL	NUMBER(10,0)
	An audit tracking mechanism identifying the Org Unit of who added this record.		
17	ENTRY_TIMESTAMP	NOT NULL	DATE
	An audit timestamp tracking when the last time information was added for this record.		
18	ATTN_TO_PSN_CLS_ST	NOT NULL	VARCHAR2(3)
	A code used to group accounts for collection review purposes		

Table: CODE_LIST_TABLE

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	COLUMN_NAME	NOT NULL	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).		
* 2	CODE_ARGUMENT	NOT NULL	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).		

Table: CODE_SUBSET_TBL

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	CODE_SUBSET_NAME	NOT NULL	VARCHAR2(18)
	Contains the name of a code list that points to a subset of codes from CODE_LIST_TABLE.		
* 4	CODE_ARGUMENT	NOT NULL	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).		
* 5	COLUMN_NAME	NOT NULL	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).		

Foreign Keys:

CST_CLT_FK
COLUMN_NAME = CODE_LIST_TABLE.COLUMN_NAME
CODE_ARGUMENT = CODE_LIST_TABLE.CODE_ARGUMENT

Indexes:

CST_CLT_FK_I
COLUMN_NAME
CODE_ARGUMENT

Table: FOREST_CLIENT

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	CLIENT_NUMBER	NOT NULL	VARCHAR2(8)
	Sequentially assigned number to identify a ministry client.		

Table: FOREST_INVC_TXN

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	INVOICE_NUMBER	NOT NULL	VARCHAR2(7)
	The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.		
2	BILLING_STATUS_ST	NOT NULL	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.		
3	INVOICE_AMOUNT	NOT NULL	NUMBER(9,2)
	The total amount due and payable on an invoice.		
4	INVOICE_CLASS_CODE	NOT NULL	VARCHAR2(3)
	A code that is used to identify final and interim invoices.		
5	INVOICE_TYPE_CODE	NOT NULL	VARCHAR2(3)
	A code that identifies an invoice as being generated from the Piece Scale, Weight Scale, or Miscellaneous Billing system.		
6	INVC_SUB_TYPE_CODE	NOT NULL	VARCHAR2(3)
	A code that identifies a subtype of INVOICE_TYPE_CODE from the Piece Scale, Weight Scale, or Miscellaneous billing systems.		
7	RELATED_INVOICE	NOT NULL	VARCHAR2(7)
	This attribute contains the INVOICE_NUMBER of a invoice that the current invoice has acted upon.		
8	INVOICE_RLN_TYP_CD	NOT NULL	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.		
9	CLIENT_NUMBER	NOT NULL	VARCHAR2(8)
	A system generated number that uniquely identifies a person or company conducting business with the Ministry of Forests		
10	CLIENT_LOCN_CODE	NOT NULL	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.		
11	ENTRY_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was created.		
12	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	The VM ID from which the table entry was created.		
13	UPDATE_USERID	NOT NULL	VARCHAR2(8)
	This is the VM ID from which the row was last updated.		
14	UPDATE_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was last updated.		

Foreign Keys:

FIT_CL_FK
CLIENT_NUMBER = CLIENT_LOCATION.CLIENT_NUMBER
CLIENT_LOCN_CODE = CLIENT_LOCATION.CLIENT_LOCN_CODE

Indexes:

FIT_CL_FK_I
CLIENT_NUMBER
CLIENT_LOCN_CODE

Table: FOREST_INVOICE

Description:

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

Columns:

Seq.	Column	Nulls?	Type
* 1	INVOICE_NUMBER	NOT NULL	VARCHAR2(7)
	The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.		
* 2	CANCELLATION_IND	NOT NULL	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".		
3	PAYABLE_BY_CLIENT	NOT NULL	VARCHAR2(8)
	A system generated number that uniquely identifies a person or company conducting business with the Ministry of Forests		
4	PAYABLE_BY_CLI_LOC	NOT NULL	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.		
5	INVOICE_AMOUNT	NOT NULL	NUMBER(9,2)
	The total amount due and payable on an invoice.		
6	INVOICE_CLASS_CODE	NOT NULL	VARCHAR2(3)
	A code that is used to identify final and interim invoices.		
7	INVOICE_DATE	NOT NULL	DATE
	A system date that is assigned to each invoice run that indicates when an Invoice was generated.		
8	INVOICE_TYPE_CODE	NOT NULL	VARCHAR2(3)
	A code that identifies an invoice as being generated from the Piece Scale, Weight Scale, or Miscellaneous Billing system.		
9	INVC_SUB_TYPE_CODE	NOT NULL	VARCHAR2(3)
	A code that identifies a subtype of INVOICE_TYPE_CODE from the Piece Scale, Weight Scale, or Miscellaneous billing systems.		
10	CANCELLED_BY_INVC	NULL	VARCHAR2(7)
	This attribute contains the INVOICE_NUMBER of the invoice that has cancelled the current invoice.		
11	ORG_UNIT_NO	NOT NULL	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".		
12	RELATED_INVOICE	NULL	VARCHAR2(7)
	This attribute contains the INVOICE_NUMBER of a invoice that the current invoice has acted upon.		
13	INVOICE_RLN_TYP_CD	NOT NULL	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.		
14	REL_INVOICE_STS_ST	NOT NULL	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.		
15	REPLACED_BY_INVC	NULL	VARCHAR2(7)
	This attribute contains the INVOICE_NUMBER of the invoice that has replaced the current invoice.		
16	SCALE_RETURN_DATE	NOT NULL	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.		
17	SCALE_SITE_ID_NMBR	NULL	VARCHAR2(3)
	An alphanumeric code used to uniquely identify a scale site.		
18	SCALER_LICENCE_NUM	NULL	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.		
19	VOLUME_ONLY_IND	NOT NULL	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".		
20	COPY_TO_CLIENT	NULL	VARCHAR2(8)
	A system generated number that uniquely identifies a person or company conducting business with the Ministry of Forests		

Table: FOREST_INVOICE (cont'd)

Columns:

Seq.	Column	Nulls?	Type
21	COPY_TO_CLI_LOC	NULL	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.		
22	ENTRY_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was created.		
24	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	The VM ID from which the table entry was created.		
27	UPDATE_USERID	NULL	VARCHAR2(8)
	This is the VM ID from which the row was last updated.		
28	UPDATE_TIMESTAMP	NULL	DATE
	This is the date and time at which the row was last updated.		
30	POSTED_DATE	NOT NULL	DATE
	This is the date that the invoice amounts were posted to the general ledger and the accounts receivables.		
33	POSTED_SEQUENCE_NO	NOT NULL	NUMBER(10)
	A system assigned number to identify which posting cycle the invoice amounts were posted in.		
34	SCALED_AT	NOT NULL	VARCHAR2(40)
	This is a generic scale site location that is supplied manually for dummy sites or sites with variable locations.		

Foreign Keys:

FI_CL_FK
- COPY_TO_CLIENT = CLIENT_LOCATION.CLIENT_NUMBER
- COPY_TO_CLI_LOC = CLIENT_LOCATION.CLIENT_LOCN_CODE

FI_CL_IS_PAYABLE_BY_FK
- PAYABLE_BY_CLIENT = CLIENT_LOCATION.CLIENT_NUMBER
- PAYABLE_BY_CLI_LOC = CLIENT_LOCATION.CLIENT_LOCN_CODE

FI_OU_FK
- ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

FI_SS_FK
- SCALE_SITE_ID_NMBR = SCALE_SITE.SCALE_SITE_ID_NMBR

Indexes:

FI_CL_FK_I
- COPY_TO_CLIENT
- COPY_TO_CLI_LOC

FI_CL_IS_PAYABLE_BY_FK_I
- PAYABLE_BY_CLIENT
- PAYABLE_BY_CLI_LOC

FI_OU_FK_I
- ORG_UNIT_NO

FI_SS_FK_I
- SCALE_SITE_ID_NMBR

Table: FOR_CLIENT_LINK

Description:

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

Columns:

Seq.	Column	Nulls?	Type
* 1	FOREST_FILE_ID File identification assigned to provincial forest use files.	NOT NULL	VARCHAR2(10)
* 2	CUTTING_PERMIT_ID Identifier for a cutting permit associated with a quota type harvesting tenure.	NOT NULL	VARCHAR2(3)
* 3	CUT_BLOCK_ID Identifier for a cut block (within a permit) of a harvesting tenure.	NOT NULL	VARCHAR2(10)
* 4	FILE_CLIENT_TYPE Indicates the type of relationship the client has to the file.	NOT NULL	VARCHAR2(1)
* 5	CLIENT_NUMBER Sequentially assigned number to identify a ministry client.	NOT NULL	VARCHAR2(8)
* 6	CLIENT_LOCN_CODE 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.	NOT NULL	VARCHAR2(2)

Table: FOR_CLI_AUDIT

Description:

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

Columns:

Seq.	Column	Nulls?	Type
* 1	UPDATE_TIMESTAMP The date and time of the last update.	NOT NULL	DATE

Table: GENERAL_INVOICE

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.

Columns:

	Seq.	Column	Nulls?	Type
*	1	INVOICE_NUMBER	NOT NULL	VARCHAR2(7)
		The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.		
*	2	CANCELLATION_IND	NOT NULL	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".		
	3	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
		File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.		
	4	ADMIN_ORG_UNIT_NO	NOT NULL	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".		
	5	ORIGN_ORG_UNIT_NO	NOT NULL	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".		
	6	MINISTRY_REF_NUM	NOT NULL	VARCHAR2(18)
		This is a free form text field that can be used to record reference number for the invoice.		
	9	BILLING_YEAR	NOT NULL	NUMBER(5)
		The calendar year for which the tenure related information is used in the billing of Range invoices.		
	10	UPDATE_TIMESTAMP	NOT NULL	DATE
		This is the date and time at which the row was last updated.		
	12	UPDATE_USERID	NOT NULL	VARCHAR2(8)
		This is the VM ID from which the row was last updated.		
	14	ENTRY_TIMESTAMP	NOT NULL	DATE
		This is the date and time at which the row was created.		
	16	ENTRY_USERID	NOT NULL	VARCHAR2(8)
		The VM ID from which the table entry was created.		

Foreign Keys:

GI_FI_FK
  CANCELLATION_IND = FOREST_INVOICE.CANCELLATION_IND
  INVOICE_NUMBER = FOREST_INVOICE.INVOICE_NUMBER
GI_OU_FK
  ADMIN_ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO
GI_OU_ORIGINATES_FROM_FK
  ORIGN_ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO
GI_PFU_FK
  FOREST_FILE_ID = PROV_FOREST_USE.FOREST_FILE_ID

Indexes:

GI_FI_FK_I
  CANCELLATION_IND
  INVOICE_NUMBER
GI_OU_FK_I
  ADMIN_ORG_UNIT_NO
GI_OU_ORIGINATES_FROM_FK_I
  ORIGN_ORG_UNIT_NO
GI_PFU_FK_I
  FOREST_FILE_ID

Table: GEN_INVOICE_DTL

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	INVOICE_NUMBER	NOT NULL	VARCHAR2(7)
	The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.		
* 2	CANCELLATION_IND	NOT NULL	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".		
* 3	LINE_ITEM_NUMBER	NOT NULL	NUMBER(5)
	This is a sequential number assigned to each detail line on an invoice that is captured in the table.		
4	REVENUE_CLASSN_CD	NOT NULL	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.		
5	RESPONSE_CENTRE_CD	NOT NULL	VARCHAR2(3)
	This is an approved organizational unit, responsible for an expenditure or an item of revenue.		
6	NUMBER_OF_UNITS	NOT NULL	NUMBER(15,5)
	The number of units pertaining to a line item on an invoice.		
7	UNIT_OF_MEASURE_CD	NOT NULL	VARCHAR2(3)
	A code indicating the type of units pertaining to a line item on an invoice.		
8	UNIT_RATE	NOT NULL	NUMBER(15,5)
	A rate, based upon the type of unit, pertaining to a line item on an invoice.		
9	EXTENDED_AMOUNT	NOT NULL	NUMBER(11,2)
	Any item that appears on a general invoice must have an associated amount charged. This is the extended amount.		
10	OCG_SUPPLIER_NMBR	NOT NULL	VARCHAR2(10)
	Office of the Comptroller General's reference number for identification of government suppliers.		
11	LINE_ITEM_DESCR	NOT NULL	VARCHAR2(38)
	Any item that appears on a general invoice must have a description defining the item. That description is recorded here.		
12	UPDATE_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was last updated.		
13	UPDATE_USERID	NOT NULL	VARCHAR2(8)
	This is the VM ID from which the row was last updated.		
16	ENTRY_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was created.		
17	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	The VM ID from which the table entry was created.		

Foreign Keys:

GID_GI_FK
CANCELLATION_IND = GENERAL_INVOICE.CANCELLATION_IND
INVOICE_NUMBER = GENERAL_INVOICE.INVOICE_NUMBER

Indexes:

GID_GI_FK_I
CANCELLATION_IND
INVOICE_NUMBER

Table: GNRL_BILL_RATES

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	BILLING_TYPE_ST	NOT NULL	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.		
* 2	IN_EFFECT_FRM_DATE	NOT NULL	DATE
	The date when a rate becomes effective		
* 3	IN_EFFECT_TO_DATE	NOT NULL	DATE
	The date after which the rate is no longer in effect		
4	BILLING_RATE	NOT NULL	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.		
5	ACK_MASK_ACODE	NOT NULL	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.		
6	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	The userid of the person who first inserted the row into the table		
7	ENTRY_TIMESTAMP	NOT NULL	DATE
	The timestamp when the row was inserted into the table.		
8	UPDATE_USERID	NOT NULL	VARCHAR2(8)
	The userid of the individual who last updated this information.		
9	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time of the last update.		
10	BILLING_TYPE_DESC	NOT NULL	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.		

Foreign Keys:

GBR_AM_FK
ACK_MASK_ACODE = ACK_MASK.ACK_MASK_ACODE

Indexes:

GBR_AM_FK_I
ACK_MASK_ACODE

Table: GNRL_INVC_SEED

Description:

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

Columns:

	Seq.	Column	Nulls?	Type
*	1	DUMMY_ACCESS_KEY	NOT NULL	VARCHAR2(1)
		A system required column to allow the use of a where clause, avoiding trivial compiler warnings, without forcing a table scan.		
	2	MAX_INVOICE_NUMBER	NOT NULL	VARCHAR2(7)
		This attribute is used to control the range invoice numbers. Format: c999999 where c is a char and 9 is an integer.		

Table: GNRL_INVC_TXN

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	INVOICE_NUMBER	NOT NULL	VARCHAR2(7)
	The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.		
2	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
	File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.		
3	ADMIN_ORG_NO	NOT NULL	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".		
4	ORIGIN_ORG_NO	NOT NULL	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".		
5	BILLING_YEAR	NOT NULL	NUMBER(5)
	The calendar year for which the tenure related information is used in the billing of Range invoices.		
6	MINISTRY_REF_NUM	NOT NULL	VARCHAR2(18)
	This is a free form text field that can be used to record reference number for the invoice.		
8	UPDATE_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was last updated.		
10	UPDATE_USERID	NOT NULL	VARCHAR2(8)
	This is the VM ID from which the row was last updated.		
12	ENTRY_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was created.		
14	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	The VM ID from which the table entry was created.		

Foreign Keys:

GIT_FIT_FK
INVOICE_NUMBER = FOREST_INVC_TXN.INVOICE_NUMBER
GIT_OU_FK
ORIGIN_ORG_NO = ORG_UNIT.ORG_UNIT_NO
GIT_OU_IS_ADMINISTERED_FROM_FK
ADMIN_ORG_NO = ORG_UNIT.ORG_UNIT_NO
GIT_PFU_FK
FOREST_FILE_ID = PROV_FOREST_USE.FOREST_FILE_ID

Indexes:

GIT_FIT_FK_I
INVOICE_NUMBER
GIT_OU_FK_I
ORIGIN_ORG_NO
GIT_OU_IS_ADMINISTERED_FROM__I
ADMIN_ORG_NO
GIT_PFU_FK_I
FOREST_FILE_ID

Table: HARVEST_HISTORY

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	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.		
* 2	BILLING_YEAR	NOT NULL	NUMBER(5)
	This is the year in which the recorded volume was billed.		
* 3	BILLING_MONTH	NOT NULL	NUMBER(5)
	This is the month in which the recorded volume was billed.		
4	BILLING_PERIOD	NOT NULL	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.		
* 5	HDBS_TREE_SPECIES	NOT NULL	VARCHAR2(2)
	A code that identifies the species of log being scaled.		
* 6	FOREST_PRODUCT_CDE	NOT NULL	VARCHAR2(2)
	This code identifies the type of forest product being scaled. It is blank for logs.		
* 7	LOG_GRADE	NOT NULL	VARCHAR2(1)
	A code assigned to each log to indicate the overall quality, which infers a certain value.		
* 8	BILLING_TYPE_CODE	NOT NULL	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.		
9	VOLUME_BILLED	NOT NULL	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.		
10	PIECES_BILLED	NOT NULL	NUMBER(10)
	This is the number of pieces used as the basis for Stumpage or Royalty billing for Christmas Trees.		
11	ROYALTY_AMOUNT	NOT NULL	NUMBER(11,2)
	This is the accumulated amount of Royalty billed in the Billing Period.		
12	RESERVE_STMPG_AMT	NOT NULL	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.		
13	BONUS_STUMPAGE_AMT	NOT NULL	NUMBER(9,2)
	This is the accumulated amount billed in the billing period that is attributed to the Bonus bid.		
14	SILV_LEVY_AMOUNT	NOT NULL	NUMBER(9,2)
	This is the accumulated silviculture levy amount for a billing period. It is a component of Stumpage.		
15	DEV_LEVY_AMOUNT	NOT NULL	NUMBER(9,2)
	This is the accumulated development levy amount for a billing period. It is a component of Stumpage.		
16	ENTRY_TIMESTAMP	NOT NULL	DATE
	The data and time on which the entry was created.		
17	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	The VM ID from which the table entry was created.		
18	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time on which the entry was last updated.		
20	UPDATE_USERID	NOT NULL	VARCHAR2(8)
	The VM ID from which the table entry was last updated.		

Foreign Keys:

HH_TM_FK
TIMBER_MARK = TIMBER_MARK.TIMBER_MARK

Indexes:

HH_TM_FK_I
TIMBER_MARK

Table: INVC_LOAD_CNTRL

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 dispositon and status of the batch is. There are 3 codes that have an effect: prnt, load, del.

Columns:

Seq.	Column	Nulls?	Type
* 1	BATCH_NUMBER	NOT NULL	NUMBER(10)
	This is a number that uniquely identifies a batch of Invoices that are to be processed in the VM load procedures.		
2	INVOICE_TYPE_CODE	NOT NULL	VARCHAR2(3)
	This is a code that identifies if the batch is a weight scale or a piece scale batch.		
3	INVOICE_COUNT	NOT NULL	NUMBER(10)
	This is the number of invoices in the batch that is to be processed.		
4	BATCH_DISPOSITION	NOT NULL	VARCHAR2(4)
	This is the indicated disposition for the batch. It is set by the valuation/operations clerk.		
5	LOAD_STATUS_ST	NOT NULL	VARCHAR2(3)
	This is the status code of invoice load jobs. A load job will be: Submitted, Completed, Error, or "BLANK".		
6	ENTRY_TIMESTAMP	NOT NULL	CHAR(26)
	The date and time that a row was inserted into the table.		
7	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	The VM ID of the machine that inserted the row into the Control table.		

Table: INVC_NOTATION

Description:

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

Columns:

Seq.	Column	Nulls?	Type
* 1	INVOICE_NUMBER	NOT NULL	VARCHAR2(7)
	The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.		
* 2	CANCELLATION_IND	NOT NULL	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".		
* 3	NOTATION_NUMBER	NOT NULL	NUMBER(5)
	This column is a sequentially assigned number that is used to identify the occurrence of a notation on an invoice.		
4	NOTATION_TYPE_CD	NOT NULL	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.		
5	ENTRY_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was created.		
6	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	The VM ID from which the table entry was created.		
7	UPDATE_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was last updated.		
10	UPDATE_USERID	NOT NULL	VARCHAR2(8)
	This is the VM ID from which the row was last updated.		
11	NOTATION_TEXT	NOT NULL	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.		

Foreign Keys:

IN_1_FI_FK
CANCELLATION_IND = FOREST_INVOICE.CANCELLATION_IND
INVOICE_NUMBER = FOREST_INVOICE.INVOICE_NUMBER

Indexes:

IN_1_FI_FK_I
CANCELLATION_IND
INVOICE_NUMBER

Table: INVC_OTHR_CHARG

Description:

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

Columns:

Seq.	Column	Nulls?	Type
* 1	INVOICE_NUMBER	NOT NULL	VARCHAR2(7)
	The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.		
* 2	CANCELLATION_IND	NOT NULL	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".		
* 3	INVC_OTHR_SEQ_NUM	NOT NULL	NUMBER(5)
	The amount due for the service or items renderd.		
4	REVENUE_CLASSN_CD	NOT NULL	VARCHAR2(3)
	This is a code used to differentiate revenues to the General Ledger.		
5	NUMBER_OF_UNITS	NOT NULL	NUMBER(9,1)
	The number of units to which the rate is applied to determine the charge amount.		
6	RATE_PER_UNIT	NOT NULL	NUMBER(7,4)
	The rate associated with the type of charge.		
7	INVC_OTHR_CHG_AMT	NOT NULL	NUMBER(9,2)
	The amount due for the service or items renderd.		
8	ENTRY_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was created.		
9	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	The VM ID from which the table entry was created.		
12	UPDATE_TIMESTAMP	NULL	DATE
	This is the date and time at which the row was last updated.		
13	UPDATE_USERID	NULL	VARCHAR2(8)
	This is the VM ID from which the row was last updated.		

Foreign Keys:

IOC_FI_FK
CANCELLATION_IND = FOREST_INVOICE.CANCELLATION_IND
INVOICE_NUMBER = FOREST_INVOICE.INVOICE_NUMBER

Indexes:

IOC_FI_FK_I
CANCELLATION_IND
INVOICE_NUMBER

Table: INVOICE_DTL_TXN

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	INVOICE_NUMBER	NOT NULL	VARCHAR2(7)
	The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.		
* 2	LINE_ITEM_NUMBER	NOT NULL	NUMBER(5)
	This is a sequential number assigned to each detail line on an invoice that is captured in the table.		
3	RESPONSE_CENTRE_CD	NOT NULL	VARCHAR2(3)
	A code that uniquely identifies a response centre group within the Ministry		
4	NUMBER_OF_UNITS	NOT NULL	NUMBER(15,5)
	The number of units pertaining to a line item on an invoice.		
5	UNIT_OF_MEASURE_CD	NOT NULL	VARCHAR2(3)
	A code indicating the type of units pertaining to a line item on an invoice.		
6	UNIT_RATE	NOT NULL	NUMBER(15,5)
	A rate, based upon the type of unit, pertaining to a line item on an invoice.		
7	EXTENDED_AMOUNT	NOT NULL	NUMBER(11,2)
	Any item that appears on a general invoice must have an associated amount charged. This is the extended amount.		
8	OCG_SUPPLIER_NMBR	NOT NULL	VARCHAR2(10)
	Office of the Comptroller General's reference number for identification of government suppliers.		
9	ACK_MASK_ACODE	NOT NULL	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.		
10	UPDATE_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was last updated.		
11	UPDATE_USERID	NOT NULL	VARCHAR2(8)
	This is the VM ID from which the row was last updated.		
12	ENTRY_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was created.		
13	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	The VM ID from which the table entry was created.		
14	LINE_ITEM_DESCR	NOT NULL	VARCHAR2(38)
	Any item that appears on a general invoice must have a description defining the item. That description is recorded here.		

Foreign Keys:

IDT_AM_FK
ACK_MASK_ACODE = ACK_MASK.ACK_MASK_ACODE
IDT_GIT_FK
INVOICE_NUMBER = GNRL_INVC_TXN.INVOICE_NUMBER

Indexes:

IDT_AM_FK_I
ACK_MASK_ACODE
IDT_GIT_FK_I
INVOICE_NUMBER

Table: MARK_BILLED_CLI

Description:

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

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	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.		
2	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
	File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.		
3	CUTTING_PERMIT_ID	NOT NULL	VARCHAR2(3)
	Identifier for a cutting permit associated with a quota type harvesting tenure.		
4	FILE_TYPE_CODE	NOT NULL	VARCHAR2(3)
	The code to indicate the type of ministry office file, usually synonymous with a tenure type.		
5	FOREST_REGION	NOT NULL	NUMBER(10)
	Identifies the organizational unit number for the forest region.		
6	FOREST_DISTRICT	NOT NULL	NUMBER(10)
	Identifies the organizational unit number for the forest district.		
7	GEOGRAPHIC_DISTRCT	NOT NULL	NUMBER(10)
	The geographical location of the timber mark identified by the organizational unit number for a forest district.		
8	CLIENT_NUMBER	NOT NULL	VARCHAR2(8)
	Sequentially assigned number to identify a ministry client.		
9	CLIENT_LOCN_CODE	NOT NULL	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.		

Table: NOTATION_TXN

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.

Columns:

	Seq.	Column	Nulls?	Type
*	1	INVOICE_NUMBER	NOT NULL	VARCHAR2(7)
		The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.		
*	2	NOTATION_NUMBER	NOT NULL	NUMBER(5)
		This column is a sequentially assigned number that is used to identify the occurrence of a notation on an invoice.		
	3	ENTRY_TIMESTAMP	NOT NULL	DATE
		This is the date and time at which the row was created.		
	4	ENTRY_USERID	NOT NULL	VARCHAR2(8)
		The VM ID from which the table entry was created.		
	5	UPDATE_TIMESTAMP	NOT NULL	DATE
		This is the date and time at which the row was last updated.		
	6	UPDATE_USERID	NOT NULL	VARCHAR2(8)
		This is the VM ID from which the row was last updated.		
	8	NOTATION_TEXT	NOT NULL	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.		

Foreign Keys:

NT_FIT_FK
INVOICE_NUMBER = FOREST_INVC_TXN.INVOICE_NUMBER

Indexes:

NT_FIT_FK_I
INVOICE_NUMBER

Table: ORG_RESP_DSTRCT

Description:

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

Columns:

Seq.	Column	Nulls?	Type
* 1	ORG_UNIT_NO	NOT NULL	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".		
* 2	RESPONSE_CENTRE	NOT NULL	VARCHAR2(3)
	Code to identify a portion of a district, a region, or a branch that is responsible for making an expenditure.		
* 3	DISTRICT_NUMBER	NOT NULL	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.		

Table: ORG_UNIT

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	ORG_UNIT_NO	NOT NULL	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".

Table: PCE_SCL_INVOICE

Description:

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

Columns:

Seq.	Column	Nulls?	Type
* 1	INVOICE_NUMBER	NOT NULL	VARCHAR2(7)
	The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.		
* 2	CANCELLATION_IND	NOT NULL	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".		
3	PREDOMINANT_MARK	NOT NULL	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.		
4	NUMBER_OF_SECTIONS	NOT NULL	NUMBER(3,1)
	This field indicates the decimal count of the sections that are in a log boom.		
5	COMMENT_ON_CHAINS	NOT NULL	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.		
6	CAMP_BOOM_COMMENT	NOT NULL	VARCHAR2(18)
	This alpha numeric field is a descriptive field set by the log boom owner as their boom ID number.		
7	SCALERS_RETURN_NUM	NOT NULL	NUMBER(5)
	This is a three digit number, taken from the scaler's diary, used to identify a piece scale return.		
8	ENTRY_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was created.		
9	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	The VM ID from which the table entry was created.		
12	UPDATE_TIMESTAMP	NULL	DATE
	This is the date and time at which the row was last updated.		
13	UPDATE_USERID	NULL	VARCHAR2(8)
	This is the VM ID from which the row was last updated.		

Foreign Keys:

PSI_FI_FK
CANCELLATION_IND = FOREST_INVOICE.CANCELLATION_IND
INVOICE_NUMBER = FOREST_INVOICE.INVOICE_NUMBER

Indexes:

PSI_FI_FK_I
CANCELLATION_IND
INVOICE_NUMBER

Table: PROV_FOREST_USE

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)

File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.

Table: PS_INVOICE_DTL

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	INVOICE_NUMBER	NOT NULL	VARCHAR2(7)
	The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.		
* 2	CANCELLATION_IND	NOT NULL	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".		
* 3	TIMBER_MARK	NOT NULL	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.		
* 4	HDBS_TREE_SPECIES	NOT NULL	VARCHAR2(2)
	A Code that identifies the species of log or material being invoiced.		
* 5	FOREST_PRODUCT_CD	NOT NULL	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.		
* 6	OTHER_LOG_DESC_CD	NOT NULL	VARCHAR2(3)
	A Code that further qualifies the type of material being invoiced. Eg. Shards, Stumps, etc.		
* 7	LOG_GRADE	NOT NULL	VARCHAR2(1)
	An alpha field that indicates the overall quality of the timber and thus infers a certain value.		
8	KIND_OF_SCALE	NOT NULL	VARCHAR2(1)
	This attribute indicates if the scale was performed on a volume basis or a pieces basis.		
* 9	REVENUE_CLASSN_CD	NOT NULL	VARCHAR2(3)
	This code indicates the type of revenue that was earned. It is used to report revenue to the General Ledger.		
* 10	NMV_INDICATOR	NOT NULL	VARCHAR2(1)
	This attribute indicates if the scale was performed on material where there was no discernible Timber Mark.		
* 11	SB4_INDICATOR	NOT NULL	VARCHAR2(1)
	This attribute indicates if the material for the current segregation has been scaled before.		
* 12	MARKING_PAINT_CODE	NOT NULL	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.		
13	NUMBER_OF_PIECES	NOT NULL	NUMBER(10)
	This attribute is a count of all the pieces that were scaled in the segregation.		
14	VOLUME	NOT NULL	NUMBER(11,3)
	This attribute indicates the volume that was computed as the basis for the assessment. It is recorded in cubic meters.		
15	RATE_IN_DOLLARS	NOT NULL	NUMBER(9,2)
16	BONUS_AMOUNT	NOT NULL	NUMBER(9,2)
	This attribute indicates the amount of the assessment that was attributed to the bonus bid on a sale.		
17	DEV_LEVY_AMOUNT	NOT NULL	NUMBER(9,2)
	This attribute indicates the amount of the assessment that was attributed to development levies.		
18	SILV_LEVY_AMOUNT	NOT NULL	NUMBER(9,2)
	This attribute indicates the amount of the assessment that was attributed to silviculture levies.		
19	AMOUNT_IN_DOLLARS	NOT NULL	NUMBER(9,2)
	This attribute indicates the amount that was computed for the segregation, including any silviculture or development levies, and bonus amounts.		
20	ENTRY_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was created.		
22	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	The VM ID from which the table entry was created.		
25	UPDATE_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was last updated.		
26	UPDATE_USERID	NOT NULL	VARCHAR2(8)

Table: PS_INVOICE_DTL (cont'd)

Columns:

Seq.	Column	Nulls?	Type
	This is the VM ID from which the row was last updated.		

Foreign Keys:

PID_PSI_FK
CANCELLATION_IND = PCE_SCL_INVOICE.CANCELLATION_IND
INVOICE_NUMBER = PCE_SCL_INVOICE.INVOICE_NUMBER
PID_TM_FK
TIMBER_MARK = TIMBER_MARK.TIMBER_MARK

Indexes:

PID_PSI_FK_I
CANCELLATION_IND
INVOICE_NUMBER
PID_TM_FK_I
TIMBER_MARK

Table: RANGE_BILL_INST

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
	File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.		
* 2	CALENDAR_YEAR	NOT NULL	NUMBER(4)
	The calendar year beginning CCYY-01-01 and ending CCYY-12-31. The format is CCYY: CC = century, YY = year.		
* 3	CERTIFIED_TS	NOT NULL	DATE
	The date when a billing instruction was issued against a tenure and deemed ready for billing.		
4	RANGE_BILL_INST_ID	NOT NULL	NUMBER(10)
	Identifies a unique billing instruction		
5	BILLING_INSTRUCTION_CODE	NOT NULL	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.		
6	CERTIFIED_USERID	NOT NULL	VARCHAR2(30)
	The userid that issued a billing instruction associated with a tenure.		
7	ENTRY_USERID	NOT NULL	VARCHAR2(30)
	The userid of the individual who first entered the record.		
8	ENTRY_TIMESTAMP	NOT NULL	DATE
	The date and time on which the entry was created.		
9	UPDATE_USERID	NOT NULL	VARCHAR2(30)
	The userid of the individual who last updated this information.		
10	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time of the last update.		
11	REVISION_COUNT	NOT NULL	NUMBER(5)

Foreign Keys:

RBI_PFU_FK
FOREST_FILE_ID = PROV_FOREST_USE.FOREST_FILE_ID

Indexes:

RBI_PFU_FK_I
FOREST_FILE_ID

Table: RANGE_BILL_RATE

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	CALENDAR_YEAR	NOT NULL	NUMBER(4)
	The calendar year beginning CCYY-01-01 and ending CCYY-12-31. The format is CCYY: CC = century, YY = year.		
* 2	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time of the last update.		
* 4	RANGE_RATE_TYPE_CODE	NOT NULL	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.		
5	REVENUE_CLASSN_CODE	NOT NULL	VARCHAR2(3)
	The revenue classification code associated with the range fee or rate and the range tenure type.		
6	RANGE_RATE	NOT NULL	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.		
7	UPDATE_USERID	NOT NULL	VARCHAR2(30)
	The userid of the individual who last updated this information.		
8	RNG_TENR_RATE_DESC	NULL	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.		
13	RANGE_BILL_RATE_ID	NOT NULL	NUMBER(10)
18	RANGE_FILE_TYPE_CODE	NOT NULL	VARCHAR2(3)

Table: SCALER

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	CLIENT_NUMBER	NOT NULL	VARCHAR2(8)
	Sequentially assigned number to identify a Ministry client.		

Table: SCALE_SITE

Description:

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

Columns:

Seq.	Column	Nulls?	Type
* 1	SCALE_SITE_ID_NMBR	NOT NULL	VARCHAR2(3)
	An alphanumeric code used to uniquely identify a scale site.		

Table: TAX_RATE_TBL

Description:

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

Columns:

Seq.	Column	Nulls?	Type
* 1	TAX_RATE_CD Code to indicate GST or PST	NOT NULL	VARCHAR2(3)
* 2	EXPIRY_DATE The last day on which the tax rate is in effect.	NOT NULL	DATE
* 3	EFFECTIVE_DATE The first day on which the tax rate is in effect.	NOT NULL	DATE
4	TAX_RATE_PCT The percentage of the applicable tax.	NOT NULL	NUMBER(5,2)

Table: TIMBER_MARK

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	TIMBER_MARK	NOT NULL	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.

Table: TSC_INVOICE

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.

Columns:

Seq.	Column	Nulls?	Type
* 1	INVOICE_NUMBER	NOT NULL	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.		
2	INVOICE_AMOUNT	NOT NULL	NUMBER(9,2)
	The total amount due and payable on an invoice.		
3	PST_AMOUNT	NOT NULL	NUMBER(9,2)
	The total P.S.T due and payable on an invoice.		
4	GST_AMOUNT	NOT NULL	NUMBER(9,2)
	The total G.S.T due and payable on an invoice.		
5	INVOICE_DATE	NOT NULL	DATE
	A system date that is assigned to each invoice run that indicates when an Invoice was generated.		
6	PRINTED_DATE	NULL	DATE
	The date on which an invoice was printed.		
7	FIN_SRVC_UPDT_DATE	NULL	DATE
	The date that the invoice was transferred to the Central Invoicing System (C.I.S.).		
8	ENTRY_TIMESTAMP	NOT NULL	DATE
	The time and date an invoice was entered onto the system.		
9	ENTRY_USERID	NOT NULL	VARCHAR2(30)
	The userid of the individual that entered the invoice.		
10	UPDATE_TIMESTAMP	NOT NULL	DATE
	The time and date an invoice was last updated on the system.		
11	UPDATE_USERID	NOT NULL	VARCHAR2(30)
	The userid of the individual that changed the invoice.		
12	REVISION_COUNT	NOT NULL	NUMBER(5)
	A counter used to ensure data integrity. This item should be incremented during each update.		
13	INVOICE_COMMENT	NULL	VARCHAR2(80)
	A free format text field used to enter general comments for a Tree Seed Centre invoice.		
14	CLIENT_NUMBER	NOT NULL	VARCHAR2(8)
	The numeric code of the Client who is deemed to be responsible for payment of the Invoice.		
15	CLIENT_LOCN_CODE	NOT NULL	VARCHAR2(2)
	The Client Location code of the Client who is deemed to be responsible for payment of the invoice.		
16	CANCELLED_BY_INVC	NULL	VARCHAR2(7)
	This attribute contains the INVOICE_NUMBER of the invoice that has canceled the current invoice.		
17	INVOICE_RELATION_TYPE_CODE	NULL	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.		
18	REPLACED_BY_INVC	NULL	VARCHAR2(7)
	This attribute contains the INVOICE_NUMBER of the invoice that has replaced the current invoice.		
19	RELATED_INVOICE	NULL	VARCHAR2(7)
	This attribute contains the INVOICE_NUMBER of a invoice that the current invoice has acted upon.		

Table: WGT_SCL_INVOICE

Description:

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

Columns:

Seq.	Column	Nulls?	Type
* 1	INVOICE_NUMBER	NOT NULL	VARCHAR2(7)
	The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.		
* 2	CANCELLATION_IND	NOT NULL	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".		
3	FIRST_PER_END_DATE	NOT NULL	DATE
	In some cases, where a stumpage or royalty rate changes mid-month, there will be two billing periods. The date refered to by this attribute is the first or only period end date.		
4	FIRST_PER_TTL_WGT	NOT NULL	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.		
5	REL_FST_PER_WGT	NOT NULL	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.		
6	SCND_PER_END_DATE	NOT NULL	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.		
7	SCND_PER_TTL_WGT	NOT NULL	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.		
8	REL_SCND_PER_WGT	NOT NULL	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.		
9	NUMBER_OF_LOADS	NOT NULL	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.		
10	POPULATION	NOT NULL	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.		
11	POPULATION_YEAR	NOT NULL	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.		
12	STRATUM	NOT NULL	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.		
13	PREVIOUS_INVOICE	NULL	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.		
14	SCALE_RETURN_NUM	NOT NULL	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.		
15	TIMBER_MARK	NOT NULL	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.		
16	REVENUE_CLASSN_CD	NOT NULL	VARCHAR2(3)
	This code indicates the type of revenue that was earned. It is used to report revenue to the General Ledger.		
17	YTD_TOTAL_WEIGHT	NOT NULL	NUMBER(11)
	This is the total weight in kilograms of all loads that were measured for the Population / Population Year /		

Table: WGT_SCL_INVOICE (cont'd)

Columns:

Seq.	Column	Nulls?	Type
	Stratum / Timber Mark, identified on the current invoice, starting at the begining of the cyclic billing year.		
18	LICENCE_INVOICED	NOT NULL	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).		
19	PERMIT_INVOICED	NULL	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).		
20	ENTRY_USERID	NOT NULL	VARCHAR2(8)
	The VM ID from which the table entry was created.		
23	ENTRY_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was created.		
24	UPDATE_TIMESTAMP	NULL	DATE
	This is the date and time at which the row was last updated.		
26	UPDATE_USERID	NULL	VARCHAR2(8)
	This is the VM ID from which the row was last updated.		

Foreign Keys:

WSI_FI_FK
CANCELLATION_IND = FOREST_INVOICE.CANCELLATION_IND
INVOICE_NUMBER = FOREST_INVOICE.INVOICE_NUMBER
WSI_TM_FK
TIMBER_MARK = TIMBER_MARK.TIMBER_MARK

Indexes:

WSI_FI_FK_I
CANCELLATION_IND
INVOICE_NUMBER
WSI_TM_FK_I
TIMBER_MARK

Table: WS_INVOICE_DTL

Description:

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

Columns:

Seq.	Column	Nulls?	Type
* 1	INVOICE_NUMBER	NOT NULL	VARCHAR2(7)
	The Invoice Number is a character string that appears on each printed invoice and uniquely identifies that invoice.		
* 2	CANCELLATION_IND	NOT NULL	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".		
* 3	HDBS_TREE_SPECIES	NOT NULL	VARCHAR2(2)
	A code that identifies the species of log or material being invoiced.		
* 4	LOG_GRADE	NOT NULL	VARCHAR2(1)
	A code that indicates the overall quality of the timber and thus infers a certain value.		
* 5	WEIGHT_REF_NUMBER	NOT NULL	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.		
6	PERIOD_REF_NUMBER	NOT NULL	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.		
7	NEGATION_IND	NOT NULL	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.		
8	WEIGHT_X_RATE_YTD	NOT NULL	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.		
9	SEGREGATION_RATIO	NOT NULL	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.		
10	RATE_IN_DOLLARS	NOT NULL	NUMBER(9,2)
	The attribute that states the dollar rate per cubic meter that is set at the specified billing period end.		
11	YTD_VOLUME	NOT NULL	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.		
12	ADDITIONAL_VOLUME	NOT NULL	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.		
13	YTD_AMOUNT	NOT NULL	NUMBER(9,2)
	The actual amount billed associated with the current invoice for the whole year including the current invoice.		
14	ADDITIONAL_AMOUNT	NOT NULL	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.		
15	BONUS_AMOUNT	NOT NULL	NUMBER(9,2)
	This is the portion of the additional amount that is attributed to the bonus bid component on a Timber Mark.		
16	DEV_LEVY_AMOUNT	NOT NULL	NUMBER(9,2)
	This is the portion of the additional amount that is attributed to development levies indicated for the Timber Mark.		
17	SILV_LEVY_AMOUNT	NOT NULL	NUMBER(9,2)
	This is the portion of the additional amount that is attributed to silviculture levies indicated for the Timber Mark.		
18	ENTRY_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the row was created.		
19	ENTRY_USERID	NOT NULL	VARCHAR2(8)

Table: WS_INVOICE_DTL (cont'd)

Columns:

Seq.	Column	Nulls?	Type
	The VM ID from which the table entry was created.		
22	UPDATE_TIMESTAMP	NOT NULL	DATE
	This is the date and time at which the rw was last updated.		
23	UPDATE_USERID	NOT NULL	VARCHAR2(8)
	This is the VM ID from which the row was last updated.		

Foreign Keys:

WID_WSI_FK
INVOICE_NUMBER = WGT_SCL_INVOICE.INVOICE_NUMBER
CANCELLATION_IND = WGT_SCL_INVOICE.CANCELLATION_IND

Indexes:

WID_WSI_FK_I
INVOICE_NUMBER
CANCELLATION_IND