

Table and Column Definitions Report

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Parameters

Workarea:	GLOBAL SHARED WORKAREA
Container:	ECAS
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: ADS_AMENDMENT**Description:**

APPRAISAL AMENDMENTS identify any changes (additions or deletions) of applicable area to a block included in an appraisal.

This are only entered for COASTAL APPRAISALS.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	FOREST_FILE_ID File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.	NOT NULL	VARCHAR2(10)
* 3	CUTTING_PERMIT_ID Identifier for a cutting permit associated with a quota type tenure.	NOT NULL	VARCHAR2(3)
* 4	CUT_BLOCK_ID Identifier for a cut block of a harvesting tenure (within a cutting permit for tenures with cp's).	NOT NULL	VARCHAR2(10)
* 5	APPROVAL_DATE The date the amendment to the area was approved by the Region.	NOT NULL	DATE
6	APPRAISAL_AMENDMENT_TYPE_CODE Unique code identifying the type of amendment. A; D	NOT NULL	VARCHAR2(3)
7	AMENDMENT_AREA The area being added or removed from the appraisal. <i>2002/10/22 LAS: Modified size of field due to excessive number previously. Includes 1 decimal point as per Robert G. email Oct 5/2002</i>	NOT NULL	NUMBER(4,1)
8	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
9	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
10	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
11	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
12	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

ADSA_AATC_FK
APPRAISAL_AMENDMENT_TYPE_CODE =
APPRAISAL_AMENDMENT_TYPE_CODE.APPRAISAL_AMENDMENT_TYPE_CODE

ADSA_ADS_FK
ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID

ADSA_CBLK_FK
FOREST_FILE_ID = CUT_BLOCK.FOREST_FILE_ID
CUTTING_PERMIT_ID = CUT_BLOCK.CUTTING_PERMIT_ID
CUT_BLOCK_ID = CUT_BLOCK.CUT_BLOCK_ID

Indexes:

ADSA_AATC_FK_I
APPRAISAL_AMENDMENT_TYPE_CODE

ADSA_ADS_FK_I
ECAS_ID

ADSA_CBLK_FK_I
FOREST_FILE_ID
CUTTING_PERMIT_ID

Table: ADS_AMENDMENT (cont'd)*Indexes:*

CUT_BLOCK_ID

Table: ADS_AREA_LOGGED*Description:*

The AREA LOGGED allows for the tracking of changes to the logged and unlogged area within the APPRAISAL FILE.
 The unlogged area may change each year.
 This is used only for Coast Appraisals.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	APPRAISAL_YEAR The year of the appraisal.	NOT NULL	VARCHAR2(4)
3	AREA_LOGGED The hectares that were marked for logging for the identified appraisal year.	NOT NULL	NUMBER(4,1)
4	APPLICABLE_VOLUME The volume of the appraisal for the appraisal year. Measured in cubic metres.	NULL	NUMBER(7,0)
5	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
6	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
7	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
8	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
9	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

ADSAL_ADS_FK
 ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID

Indexes:

ADSAL_ADS_FK_I
 ECAS_ID

Table: ADS_ASSIGNED_TO_USER*Description:*

Identifies the District users who have been assigned to an appraisal.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 5	ECAS_ID The unique identifier for a submitted appraisal file. <i>Added 2003/08/12 - jstorey</i>	NOT NULL	NUMBER(12)
* 6	USER_ID The unique identifier for an ECAS user. <i>Added 2003/08/12 - jstorey</i>	NOT NULL	VARCHAR2(30)
* 11	ORG_UNIT_NO Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes". <i>Added 2003/08/12 - jstorey</i>	NOT NULL	NUMBER(10)
20	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
21	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(30)
22	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
23	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(30)
24	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

AATU_ADS_FK
ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID
AATU_MU_FK
USER_ID = MOF_USER.USER_ID
AATU_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Notes:

Added 2003/08/12 - jstorey

Table: ADS_BCTS_LEVY_COST*Description:*

The ADS BCTS LEVY COST entity contains all the applicable levies for a BC Timber Sale in Interior Appraisals.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	INTERIOR_LOG_GROUP_CODE The unique identifier for the log group being applied to the BC timber sale.	NOT NULL	VARCHAR2(3)
8	DEVELOPMENT_LEVY An additional charge against this appraisal data submission as a result of development costs being incurred.	NULL	NUMBER(9,2)
9	SILVICULTURE_LEVY An additional charge being applied against the appraisal data submission for silviculture.	NULL	NUMBER(9,2)
10	BONUS_BID_AMOUNT The amount available for the bonus bid. Used on BCTS.	NULL	NUMBER(9,2)
20	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
25	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
30	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
35	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
40	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

ABLC_ADS_FK
ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID
ABLC_ILGC_FK
INTERIOR_LOG_GROUP_CODE = INTERIOR_LOG_GROUP_CODE.INTERIOR_LOG_GROUP_CODE

Indexes:

ABLC_ADS_FK_I
ECAS_ID
ABLC_ILGC_FK_I
INTERIOR_LOG_GROUP_CODE

Table: ADS_BCTS_MANDATORY_UTILIZATION*Description:*

Identifies the species and grade levels required for a BCTS Mandatory Utilization.
Used for Interior BCTS Appraisals only.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	MANDATORY_UTIL_SPECIES_GP_CODE Unique code to identify which species or species group is mandatory in the BCTS Sale. Includes: CE - Cedar HE - Hemlock LO - Lodgepole Pine DE - Deciduous AO - All Others	NOT NULL	VARCHAR2(2)
3	MISCELLANEOUS_PRODUCT The applicable miscellaneous product that the species is being sold for use in.	NULL	VARCHAR2(50)
4	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
5	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
6	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
7	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE
7	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)

Foreign Keys:

ADSBMU_ADS_FK
ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID
ADSBMU_MUSGPCD_FK
MANDATORY_UTIL_SPECIES_GP_CODE =
MANDATORY_UTIL_SPECIES_GP_CODE.MANDATORY_UTIL_SPECIES_GP_CODE

Indexes:

ADSBMU_ADS_FK_I
ECAS_ID
ADSBMU_MUSGPCD_FK_I
MANDATORY_UTIL_SPECIES_GP_CODE

Table: ADS_BCTS_SPECIES_GRADE*Description:*

Identifies the grades used for all species included in the BC Timber Sale for Interior.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	MANDATORY_UTIL_SPECIES_GP_CODE Unique code to identify which species or species group is mandatory in the BCTS Sale. Includes: CE - Cedar HE - Hemlock LO - Lodgepole Pine DE - Deciduous AO - All Others	NOT NULL	VARCHAR2(2)
* 3	MANDATORY_UTIL_SCALE_GRD_CODE The unique code used to identify the grade codes for BCTS Mandatory Utilization. Includes: SL - Sawlog 3- Grade 3 4 - Grade 4 5 - Grade 5 AS - Aspen Grade BI - Birch Grade CO - Cottonwood Grade	NOT NULL	VARCHAR2(2)
4	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
5	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE

Foreign Keys:

ADSBG_ADSBMU_FK
ECAS_ID = ADS_BCTS_MANDATORY_UTILIZATION.ECAS_ID
MANDATORY_UTIL_SPECIES_GP_CODE =
ADS_BCTS_MANDATORY_UTILIZATION.MANDATORY_UTIL_SPECIES_GP_CODE
ADSBG_MUSGC1_FK
MANDATORY_UTIL_SCALE_GRD_CODE =
MANDATORY_UTIL_SCALE_GRD_CODE.MANDATORY_UTIL_SCALE_GRD_CODE

Indexes:

ADSBG_ADSBMU_FK_I
ECAS_ID
MANDATORY_UTIL_SPECIES_GP_CODE
ADSBG_MUSGC1_FK_I
MANDATORY_UTIL_SCALE_GRD_CODE

Table: ADS_BEC_LINK*Description:*

BEC types that occur within the appraised cutting authority.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 20	ADS_BEC_ID The unique identifier for the Appraisal Submission BEC occurrence. Created through the use of a sequence number.	NOT NULL	NUMBER(12)
30	BGC_ZONE_CODE A code identifying a Biogeoclimatic Zone for an appraisal submission	NOT NULL	VARCHAR2(4)
40	BGC_SUBZONE_CODE A code identifying a Biogeoclimatic Subzone for an appraisal submission	NOT NULL	VARCHAR2(3)
50	VARIANT A code identifying a Biogeoclimatic Variant for an appraisal submission	NULL	VARCHAR2(1)
60	BEC_OCCURANCE_PCT Percentage of appraised cutting authority land area in BEC. This is the percentage of predominant and secondary BEC area for appraisal purposes. This percentage may not equal the absolute percentage by area of the BEC within the cutting permit boundaries.	NOT NULL	NUMBER(3)
70	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
80	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
90	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
100	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
110	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

ABL_ADS_FK
ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID
ABL_BCT2_FK

Indexes:

ABL_ADS_FK_I
ECAS_ID
ABL_BCT2_FK_I

Notes:

2005-11-15 BM: Added

Table: ADS_BRIDGE*Description:*

The BRIDGE Development Costs identify those items which will incur costs on behalf of the licensee in order to harvest the applicable volume for the appraisal file.

This details the summary cost per road section per bridge type.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	ROAD_NAME The unique name of the road involved in the construction.	NOT NULL	VARCHAR2(120)
* 3	BRIDGE_ID A unique line number for the entry.	NOT NULL	NUMBER(12,0)
* 4	APPRAISAL_YEAR The year the bridge development was conducted.	NOT NULL	VARCHAR2(4)
7	BRIDGE_TYPE_CODE The unique code used to identify the type of bridge being constructed.	NOT NULL	VARCHAR2(1)
8	ROAD_DEVELOPMENT_TYPE_CODE The unique code to indicate the type of development taking place. Either RR or N	NOT NULL	VARCHAR2(1)
10	STATION_START_POINT The road section starting point where the bridge is located.	NOT NULL	NUMBER(6,0)
11	STATION_END_POINT The road section ending mark where the bridge ends.	NOT NULL	NUMBER(6,0)
12	CRIB_HEIGHT The height of the bridge.	NULL	NUMBER(2,0)
13	SPAN_LENGTH The length of the bridge deck.	NULL	NUMBER(2,0)
14	CROWN_PCT The percentage of the bridge development cost which the CROWN is responsible for.	NULL	NUMBER(3,0)
15	AMORTIZED_PCT The percent of the development cost which is to be allocated to this appraisal.	NULL	NUMBER(3,0)
16	BRIDGE_BUILT_IND A yes/no indication of whether or not the bridge has been built.	NULL	VARCHAR2(1)
17	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
18	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
19	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
20	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
21	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Unique Constraints:

ADSB_ABRI_PK_UK
BRIDGE_ID
APPRAISAL_YEAR
ECAS_ID
ROAD_NAME

Foreign Keys:

ADSB_ARD_FK
ECAS_ID = ADS_ROAD.ECAS_ID
ROAD_NAME = ADS_ROAD.ROAD_NAME

Table: ADS_BRIDGE (cont'd)*Foreign Keys:*

ADSB_BTC_FK
BRIDGE_TYPE_CODE = BRIDGE_TYPE_CODE.BRIDGE_TYPE_CODE
ADSB_RDTC_FK
ROAD_DEVELOPMENT_TYPE_CODE =
ROAD_DEVELOPMENT_TYPE_CODE.ROAD_DEVELOPMENT_TYPE_CODE

Indexes:

ADSB_ADS_FK_I
ECAS_ID
ADSB_ARD_FK_I
ECAS_ID
ROAD_NAME
ADSB_BTC_FK_I
BRIDGE_TYPE_CODE
ADSB_RDTC_FK_I
ROAD_DEVELOPMENT_TYPE_CODE

Table: ADS_COMMENT*Description:*

A data file submitted to the ministry to create, or in support of, an appraisal.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
2	APPRAISAL_COMMENT Comments regarding appraisal data submission entered by licensee, district reviewer, or region reviewer.	NOT NULL	CLOB

Foreign Keys:

AC1_ADS_FK
ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID

Indexes:

AC1_ADS_FK_I
ECAS_ID

Table: ADS_CULVERT*Description:*

The super type used to relate the various cost entities to the Appraisal File.

Includes all the entities used to determine what the logging for this appraisal will cost the licensee as well as the crown.

The CULVERT entity contains summary detail about the cost of construction for culverts on roads accessed for the APPRAISAL FILE.

One entry is made for each culvert type.

For example for Coast, if during construction 12 - 9 meter metal culverts are required, 5 of 1 meter diameter and 7 of 1.2 meter diameter, there would be two entries made - one for the 1 meter diameter culverts with a total culvert length of 45 meters and one for the 1.2 meter diameter culverts with a total culvert length of 63 meters.

For Interior, the entries would be 1.0 meter culvert type, quantity used of 5, culvert length code of 9 and 1.2 meter culvert type, Culvert Length code of 9 and quantity used of 7.

Identifies the costs associated with development work required for the timber cutting to proceed.

Is a super-type entity containing the various components of development. This includes Road Construction, Bridge construction, culvert installation and replacement, detailed engineering, end haul and road reconstruction.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	APPRAISAL_YEAR The year in which the CULVERT construction was built.	NOT NULL	VARCHAR2(4)
* 3	CULVERT_ID A unique identifier to for a culvert cost entry.	NOT NULL	NUMBER(12,0)
4	CULVERT_DIAMETER The unique code identifying the valid CULVERT diameters. For Metal Culverts Example values: 3 4 5 6 7 8 9 10 12 14 16 18	NULL	VARCHAR2(3)
5	CULVERT_LENGTH The unique identifier for the culvert length. ex. 12 20 28	NULL	NUMBER(3)
6	APPRAISAL_CULVERT_TYPE_CODE The unique code identifying the CULVERT TYPE CODE. For Metal Culverts Example values: 3 4 5 6 7 8 9 10	NOT NULL	VARCHAR2(2)

Table: ADS_CULVERT (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	12		
	14		
	16		
	18		
	Wooden Culverts: W		
7	ADSCC_TYPE	NOT NULL	VARCHAR2(10)
8	TOTAL_CULVERT_LENGTH	NULL	NUMBER(4,0)
	The length of the CULVERT in meters. Only required for Metal Culverts. 2002/12/04 LAS: Resized Total Culvert Length as a result of Tech Spec Review		
9	AMORTIZED_PCT	NULL	NUMBER(3,0)
	The percent of the development cost which is to be allocated to this appraisal.		
10	CROWN_PCT	NULL	NUMBER(3,0)
	The percentage of the cost that the CROWN is required to pay for the construction of this CULVERT.		
11	QUANTITY_USED	NULL	NUMBER(3,0)
	The number of wooden culverts involved.		
12	UNIT_COST_PER_METER	NULL	NUMBER(6,0)
	The dollar cost of the construction of the CULVERT per meter. For Wooden culverts, is always \$1,000.		
13	REVISION_COUNT	NOT NULL	NUMBER(5,0)
	A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.		
14	ENTRY_USERID	NOT NULL	VARCHAR2(80)
	The unique user id of the resource who initially added the entry.		
15	ENTRY_TIMESTAMP	NOT NULL	DATE
	The date and time the entry was created.		
16	UPDATE_USERID	NOT NULL	VARCHAR2(80)
	The unique id of the user who last modified this entry.		
17	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time the entry was last modified.		

Unique Constraints:

ADSCC_CUL_UK
 CULVERT_ID
 APPRAISAL_YEAR

Foreign Keys:

ADSCC_ACTC_FK
 APPRAISAL_CULVERT_TYPE_CODE =
 APPRAISAL_CULVERT_TYPE_CODE.APPRAISAL_CULVERT_TYPE_CODE
 ADSCC_ADSB_FK
 ADSCC_ADS_FK
 ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID
 ADSCC_VACD_FK
 CULVERT_DIAMETER = VALID_APPRSL_CULVERT_DIAMETER.CULVERT_DIAMETER
 ADSCC_VACL_FK
 CULVERT_LENGTH = VALID_APPRSL_CULVERT_LENGTH.CULVERT_LENGTH

Indexes:

ADSCC_ACTC_FK_I
 APPRAISAL_CULVERT_TYPE_CODE
 ADSCC_ADSB_FK_I
 ADSCC_ADSB_FK_I_1
 ADSCC_ADS_FK_I
 ECAS_ID
 ADSCC_VACD_FK_I
 CULVERT_DIAMETER
 ADSCC_VACL_FK_I

Table: ADS_CULVERT (cont'd)*Indexes:*

CULVERT_LENGTH

Notes:

2002/12/04 LAS: Resized Total Culvert Length as a result of Tech Spec Review

Table: ADS_CUTTING_AUTHORITY_DETAIL**Description:**

The CUTTING AUTHORITY DETAILS entity contains the line items that make up the CUTTING AUTHORITY for a COAST APPRAISAL FILE.

For each cut block and point of origin, certain rates apply for towing and barging of the logs to the point of appraisal. Costs are calculated and stored throughout the system.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 5	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
10	FOREST_FILE_ID File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.	NULL	VARCHAR2(10)
15	CUTTING_PERMIT_ID Identifier for a cutting permit associated with a quota type tenure.	NULL	VARCHAR2(3)
* 20	CUT_BLOCK_ID Identifier for a cut block of a harvesting tenure (within a cutting permit for tenures with cp's).	NOT NULL	VARCHAR2(10)
* 25	APPRAISAL_HARVEST_METHOD_CODE The unique identifier for the method by which the trees are being harvested.	NOT NULL	VARCHAR2(2)
30	BLOCK_VOLUME The volume of logs from the identified cut block being transported.	NULL	NUMBER(7,0)
35	WATER_TRANSPORT_CODE The unique identifier for the method of water transportation of the logs.	NULL	VARCHAR2(1)
40	PT_OF_APPRAISAL_ST A code representing the geographic location where the appraised cost estimating ends. This code is a subtable of the BC Location Code in code list.	NOT NULL	VARCHAR2(4)
45	PT_OF_ORIGIN1 The code representing geographic locations where logs are off loaded from trucks for water transportation. This code is a subtable of the BC Location Code in code list.	NOT NULL	VARCHAR2(4)
50	EFFECTIVE_DATE1 The date on which the water transportation cost becomes effective.	NOT NULL	DATE
55	PT_OF_ORIGIN2 The code representing geographic locations where logs are off loaded from trucks for water transportation. This code is a subtable of the BC Location Code in code list.	NULL	VARCHAR2(4)
60	EFFECTIVE_DATE2 The date on which the water transportation cost becomes effective.	NULL	DATE
65	TRUCK_HAUL_DISTANCE The distance the logs will be hauled from the geographic centre of the block to the nearest log dump.	NULL	NUMBER(4,1)
70	CREW_TRANSPORT_DISTANCE The distance the logging crew must travel. This is measured from the closest of either a marshalling point or a camp where the crew sleeps to the geographic centre of the block. Remember that blocks that are being logged by helicopter must have a crew transportation distance of zero (may need to split a block into tow parts if both helicopter and conventional harvesting is occurring).	NULL	NUMBER(4,1)
75	CREW_MARSHAL_POINT Enter to one sig dig. The name of the Marshalling point or camp the crew is coming from. <i>2002/12/12 LAS: Increased size of field as a result of developer review.</i>	NULL	VARCHAR2(250)
80	ISOLATED_IND An indication of whether the block is accessible or isolated.	NULL	VARCHAR2(1)
85	ROAD_MAINTENANCE_IND Indicates if there will be road maintenance required. If the logs are being moved via helicopter or water drop, then the value will be N - no, otherwise will be Y - yes.	NULL	VARCHAR2(1)
86	APPRAISAL_LOG_DUMP_LOCN_CODE The unique code to identify a coastal log dump location.	NULL	VARCHAR2(4)

Table: ADS_CUTTING_AUTHORITY_DETAIL (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
87	OTHER_APPRAISAL_LOG_DUMP_DESC Describes the location where the appraised timber is unloaded after truck haul. <i>BM - Added 2005-06-27 for Coast Policy effective 2005-08-01</i>	NULL	VARCHAR2(250)
88	ADS_LOCATION_CODE The unique code describing the nearest Major Centre to the cut block.	NULL	VARCHAR2(4)
89	ADS_LOCATION_DISTANCE The straight line distance measured in kilometres from the geographic centre of the cutting authority area to the nearest border of the nearest of Vancouver, Chilliack, Merritt, Victoria, Nanaimo, Campbell River, Prince Rupert, Terrace, or Houston. <i>BM - Added 2005-06-27 for Coast Policy effective 2005-08-01</i>	NULL	NUMBER(4)
90	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
95	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
100	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
105	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
110	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

ADSCAD_ADS_FK
ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID

ADSCAD_AHMC_FK
APPRAISAL_HARVEST_METHOD_CODE =
APPRAISAL_HARVEST_METHOD_CODE.APPRAISAL_HARVEST_METHOD_CODE

ADSCAD_ALC_FK
ADS_LOCATION_CODE = ADS_LOCATION_CODE.ADS_LOCATION_CODE

ADSCAD_ALDC_FK
APPRAISAL_LOG_DUMP_LOCN_CODE =
APPRAISAL_LOG_DUMP_LOCN_CODE.APPRAISAL_LOG_DUMP_LOCN_CODE

ADSCAD_AWPOINT_1_IDENTIFIED_FK
PT_OF_ORIGIN1 = APP_WTR_CST_TBL.PT_OF_ORIGIN_ST
EFFECTIVE_DATE1 = APP_WTR_CST_TBL.EFFECTIVE_DATE

ADSCAD_AWPOINT_2_IDENTIFIED_FK
PT_OF_APPRAISAL_ST = APP_WTR_CST_TBL.PT_OF_APPRAISAL_ST
PT_OF_ORIGIN2 = APP_WTR_CST_TBL.PT_OF_ORIGIN_ST
EFFECTIVE_DATE2 = APP_WTR_CST_TBL.EFFECTIVE_DATE

ADSCAD_WTC_FK
WATER_TRANSPORT_CODE = WATER_TRANSPORT_CODE.WATER_TRANSPORT_CODE

Indexes:

ADSCAD_ADS_FK_I
ECAS_ID

ADSCAD_AHMC_FK_I
APPRAISAL_HARVEST_METHOD_CODE

ADSCAD_ALC_FK_I
ADS_LOCATION_CODE

ADSCAD_ALDC_FK_I
APPRAISAL_LOG_DUMP_LOCN_CODE

ADSCAD_AWPOINT_1_IDENTIFIED__I
PT_OF_ORIGIN1
PT_OF_APPRAISAL_ST
EFFECTIVE_DATE1

ADSCAD_AWPOINT_2_IDENTIFIED__I

Table: ADS_CUTTING_AUTHORITY_DETAIL (cont'd)*Indexes:*

PT_OF_APPRAISAL_ST
PT_OF_ORIGIN2
EFFECTIVE_DATE2
ADSCAD_WTC_FK_I
WATER_TRANSPORT_CODE

Notes:

2002/11/28 LAS: Renamed at request of S.Ghazarian & D.Barrand

2002/12/18 LAS: Modified primary key at request of T.Dellaviola to remove forest_file_id and cutting_permit_id.

Modified forest_file_id and cutting_permit_id to be nullable.

2005/07/11 BM: Dropped ADS_LOCATION_CODE. Renamed ADS_LOCATION_DISTANCE to
ADS_LOCATION_DISTANCE_AVERAGE

Table: ADS_DETAILED_ENGINEERING_COST*Description:*

The super type used to relate the various cost entities to the Appraisal File.
 Includes all the entities used to determine what the logging for this appraisal will cost the licensee as well as the crown.
 Identifies the costs associated with development work required for the timber cutting to proceed.
 Is a super-type entity containing the various components of development. This includes Road Construction, Bridge construction, culvert installation and replacement, detailed engineering, end haul and road reconstruction.
 The cost details available for any DETAILED ENGINEERING costs associated with the APPRAISAL FILE.

This is a summary of the costs by cost estimate id, appraisal year and development type.
 This information is only stored for Coast Appraisals.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	ROAD_DEVELOPMENT_TYPE_CODE The unique code to indicate the type of development taking place. Either RR or N	NOT NULL	VARCHAR2(1)
* 3	APPRAISAL_YEAR The year in which the construction of the identified element will be conducted.	NOT NULL	VARCHAR2(4)
* 4	COST_ESTIMATE_ID The unique identifier of the attachment which contains the detailed costs associated with this entry. For END HAUL and ROAD RECONSTRUCTION, this will be system generated based on the total of all details entered in those entities for this APPRAISAL DATA SUBMISSION by APPRAISAL YEAR. EH - End Haul RR - Road Reconstruction. It will be entered by the licensee for construction estimate forms (CEFn) and Bridge Repairs (BR).	NOT NULL	VARCHAR2(5)
* 5	CROWN_PCT The percentage of the TOTAL COST that the CROWN is expected to pay for the construction or reconstruction of the roads involved.	NOT NULL	NUMBER(3,0)
6	ADSDEC_TYPE	NOT NULL	VARCHAR2(10)
7	ROAD_LENGTH The length of the road in kilometers involved in the contruction or reconstruction for this APPRAISAL FILE.	NULL	NUMBER(5,2)
8	AMORTIZED_PCT The percentage of the detailed engineering cost that is being allocated to this appraisal year.	NULL	NUMBER(3,0)
9	TOTAL_COST The total dollar cost of the engineering construction required to support the APPRAISAL DATA SUBMISSION. Calculated for END HAUL and ROAD RECONSTRUCTION as the sum of all entries for the APPRAISAL YEAR. Entered for the other Detailed Engineering projects.	NULL	NUMBER(13,0)
10	COMMENTS Quick notes on the construction or reconstruction by the licensee.	NULL	VARCHAR2(25)
11	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
12	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
13	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
14	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
15	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Unique Constraints:

Table: ADS_DETAILED_ENGINEERING_COST (cont'd)*Unique Constraints:*

ADSDEC_DE_UK
ROAD_DEVELOPMENT_TYPE_CODE
APPRAISAL_YEAR
COST_ESTIMATE_ID
CROWN_PCT

Foreign Keys:

ADSDEC_ADS_FK
ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID
ADSDEC_RDTC_FK
ROAD_DEVELOPMENT_TYPE_CODE =
ROAD_DEVELOPMENT_TYPE_CODE.ROAD_DEVELOPMENT_TYPE_CODE

Indexes:

ADSDEC_ADS_FK_I
ECAS_ID
ADSDEC_RDTC_FK_I
ROAD_DEVELOPMENT_TYPE_CODE

Notes:

2002/12/18 LAS: Increase size of total cost attribute to allow for increased total section cost from engineering section cost entity.

Table: ADS_ENGINEERING_SECTION_COST**Description:**

The super type used to relate the various cost entities to the Appraisal File.

Includes all the entities used to determine what the logging for this appraisal will cost the licensee as well as the crown.

The detailed engineering costs by section for end haul and road reconstruction.

Identifies the costs associated with development work required for the timber cutting to proceed.

Is a super-type entity containing the various components of development. This includes Road Construction, Bridge construction, culvert installation and replacement, detailed engineering, end haul and road reconstruction.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ROAD_NAME The unique name of the road involved in the construction.	NOT NULL	VARCHAR2(120)
* 2	APPRAISAL_YEAR The year in which the construction of the identified element will be conducted.	NOT NULL	VARCHAR2(4)
* 3	COST_ESTIMATE_ID The unique identifier of the attachment which contains the detailed costs associated with this entry. For END HAUL and ROAD RECONSTRUCTION, this will be system generated based on the total of all details entered in those entities for this APPRAISAL DATA SUBMISSION by APPRAISAL YEAR. EH - End Haul RR - Road Reconstruction. It will be entered by the licensee for construction estimate forms (CEFn) and Bridge Repairs (BR).	NOT NULL	VARCHAR2(5)
* 4	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 5	RD_ENGINEERING_PROJ_TYPE_CODE The unique identifier of the type of project being conducted for that section.	NOT NULL	VARCHAR2(3)
* 6	ROAD_DEVELOPMENT_TYPE_CODE The unique code to indicate the type of development taking place. Either RR or N	NOT NULL	VARCHAR2(1)
* 7	ENGINEERING_SECTION_ID A sequence number indicating which line of the page this item is for.	NOT NULL	NUMBER(12,0)
8	CONSTRUCTION_CATEGORY_CODE Unique identifier for the Category code.	NULL	VARCHAR2(1)
9	STABILIZING_MATERIAL_TYPE_CODE A unique code used to identify a type of Stabilizing material used in road construction.	NULL	VARCHAR2(1)
10	SURFACING_MATERIAL_TYPE_CODE A unique code used to identify a type of Stabilizing material used in road construction.	NULL	VARCHAR2(1)
11	ROAD_ENGINEERING_TYPE_CODE The unique code used to identify the engineering activity being detailed by section. Examples: RR - Road Reconstruction EH - End Haul	NOT NULL	VARCHAR2(2)
12	AESC_TYPE	NOT NULL	VARCHAR2(10)
13	STATION_START_POINT the road section starting point for the engineering activity	NULL	NUMBER(6,0)
14	STATION_END_POINT The road section end point for the engineering activity.	NULL	NUMBER(6,0)
15	REMAINING_ROAD_WIDTH Existing road width in metres. Used for Road Reconstruction. <i>2002/10/22 LAS: Modified size of field due to excessive number previously. Includes 2 decimal point as per Robert G. email Oct 4/2002</i>	NULL	NUMBER(2,1)
16	UPHILL_SIDE_SLOPE_PCT the grade percentage of the uphill side slope if any.	NULL	NUMBER(3,0)
17	AMORTIZED_PCT The percentage of the cost of the end haul that is being allocated to this appraisal.	NULL	NUMBER(3,0)
18	CROWN_PCT The percentage of the cost that will be paid for by Crown.	NULL	NUMBER(3,0)

Table: ADS_ENGINEERING_SECTION_COST (cont'd)**Columns:**

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
19	PARTIAL_PCT The percentage of the cost that is being allocated to this appraisal.	NULL	NUMBER(3,0)
20	SUBGRADE_SPOIL_LOCATION The spoil location for the subgrade. <i>2003/02/05 JS: Increase size to 200.</i> <i>2002/10/23 LAS: As per Tech Spec Review meeting held 10/22, modifying size of Borrow Pit Location, Plt Location and Spoil Location to be consistent size of 50.</i>	NULL	VARCHAR2(200)
21	SUBGRADE_HAUL_DISTANCE The haul distance in kilometres for the subgrade. <i>2002/10/22 LAS: Modified size of field due to excessive number previously. Includes 2 decimal point as per Robert G. email Oct 4/2002</i>	NULL	NUMBER(5,2)
22	SUBGRADE_FACTOR_EFFECTIVE_DATE	NULL	DATE
23	TOTAL_END_HAUL_VOLUME The total volume of the end haul in cubic metres.	NULL	NUMBER(7,0)
24	SUBGRADE_COST_PER_KM The cost of the subgrade construction per kilometre. <i>2002/11/19 LAS: Modified as per review of End Haul tech spec.</i>	NULL	NUMBER(13,0)
25	SURFACING_REQUIRED_IND A yes/no indication of whether or not surfacing is required for this engineering activity.	NULL	VARCHAR2(1)
26	SURFACING_DEPTH The depth of the surfacing material as determined by the engineering project type. If R1, depth is 0.2 m If R2, depth is 0.2 m If R3, depth is calculated If C, depth is calculated If RS, depth is 0.2 m If TR, no surfacing so entry not valid If TF, no surfacing so entry not valid	NULL	NUMBER(2,1)
27	SURFACING_PIT_LOCATION The pit location of the surfacing material. <i>2002/10/23 LAS: As per Tech Spec Review meeting held 10/22, modifying size of Borrow Pit Location, Plt Location and Spoil Location to be consistent size of 50.</i>	NULL	VARCHAR2(50)
28	SURFACING_HAUL_DISTANCE The haul distance in kilometres to the surfacing pit. <i>2002/10/22 LAS: Modified size of field due to excessive number previously. Includes 2 decimal point as per Robert G. email Oct 4/2002</i>	NULL	NUMBER(5,2)
29	SURFACING_VOLUME The volume of the surfacing material. If case type code 1 & 2, depth is 20 cm (0.2 m), therefore Gravel = 1,300 m3/km and Rock = 1,250 m3/km If case type code 3, use the coast appraisal manual's table 4-6 to determine the depth Surfacing, variable depth Capping, set depth to 0.2m	NULL	NUMBER(7,0)
30	SURFACING_COST_PER_KM The dollar cost per kilometre of the surfacing material and hauling. <i>2002/11/19 LAS: Modified as per review of End Haul tech spec.</i>	NULL	NUMBER(13,0)
31	TOTAL_SECTION_COST The total cost of the surfacing for this section of engineering work.	NULL	NUMBER(13,0)
32	SECTION_BUILT_IND A yes/no indication of whether or not this section of the engineering has been constructed.	NULL	VARCHAR2(1)
33	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
34	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
35	ENTRY_TIMESTAMP	NOT NULL	DATE

Table: ADS_ENGINEERING_SECTION_COST (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	The date and time the entry was created.		
36	UPDATE_USERID	NOT NULL	VARCHAR2(80)
	The unique id of the user who last modified this entry.		
37	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time the entry was last modified.		

Unique Constraints:

AESC_AESC_UK
ENGINEERING_SECTION_ID
RD_ENGINEERING_PROJ_TYPE_CODE
ECAS_ID
ROAD_NAME

Foreign Keys:

AESC_ADSDEC_FK
AESC_ADS_FK
ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID
AESC_ARD_FK
ECAS_ID = ADS_ROAD.ECAS_ID
ROAD_NAME = ADS_ROAD.ROAD_NAME
AESC_CCC_FK
CONSTRUCTION_CATEGORY_CODE =
CONSTRUCTION_CATEGORY_CODE.CONSTRUCTION_CATEGORY_CODE
AESC_REPTC_FK
RD_ENGINEERING_PROJ_TYPE_CODE =
RD_ENGINEERING_PROJ_TYPE_CODE.RD_ENGINEERING_PROJ_TYPE_CODE
AESC_RETC_FK
ROAD_ENGINEERING_TYPE_CODE =
ROAD_ENGINEERING_TYPE_CODE.ROAD_ENGINEERING_TYPE_CODE
AESC_SF_FK
RD_ENGINEERING_PROJ_TYPE_CODE = SUBGRADE_FACTOR.RD_ENGINEERING_PROJ_TYPE_CODE
AESC_SMTc_FK
STABILIZING_MATERIAL_TYPE_CODE =
STABILIZING_MATERIAL_TYPE_CODE.STABILIZING_MATERIAL_TYPE_CODE
SURFACING_MATERIAL_TYPE_IDE_FK
SURFACING_MATERIAL_TYPE_IDE__1
SURFACING_MATERIAL_TYPE_CODE =
STABILIZING_MATERIAL_TYPE_CODE.STABILIZING_MATERIAL_TYPE_CODE

Indexes:

AESC_ADSDEC_FK_I
ECAS_ID
ROAD_DEVELOPMENT_TYPE_CODE
APPRAISAL_YEAR
COST_ESTIMATE_ID
AESC_ADSDEC_FK_I_1
AESC_ADS_FK_I
ECAS_ID
AESC_ARD_FK_I
ECAS_ID
ROAD_NAME
AESC_ATR_FK_I
COST_ESTIMATE_ID
AESC_CCC_FK_I
CONSTRUCTION_CATEGORY_CODE
AESC_DTC_FK_I
ROAD_DEVELOPMENT_TYPE_CODE
AESC_REPTC_FK_I

Table: ADS_ENGINEERING_SECTION_COST (cont'd)*Indexes:*

RD_ENGINEERING_PROJ_TYPE_CODE
AESC_RETC_FK_I
ROAD_ENGINEERING_TYPE_CODE
AESC_SF_FK_I
RD_ENGINEERING_PROJ_TYPE_CODE
AESC_SMT_C_FK_I
STABILIZING_MATERIAL_TYPE_CODE
SURFACING_MATERIAL_TYPE_IDE__1
SURFACING_MATERIAL_TYPE_CODE
SURFACING_MATERIAL_TYPE_IDE__I

Notes:

2002/12/17 LAS: Increased size of cost per km and total section cost attributes to 13,0

2002/12/18 LAS: Removed appraisal year as attribute in this entity as it will be inherited through relationship to detailed engineering cost

Table: ADS_HARVEST*Description:*

The APPRAISAL HARVEST entity contains the details for the volumes and percentages to be harvested for the APPRAISAL FILE by the various HARVEST METHODS.

This is used primarily for INTERIOR Appraisals.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	APPRAISAL_HARVEST_METHOD_CODE The unique identifier for the method by which the trees are being harvested.	NOT NULL	VARCHAR2(2)
* 3	HARVEST_SYSTEM_CODE	NOT NULL	VARCHAR2(5)
4	HARVEST_VOLUME The volume in cubic metres to be harvested by the method identified.	NOT NULL	NUMBER(7,0)
10	BGC_ZONE_CODE Unique identifier for biogeoclimatic unit code. 2002/12/05 LAS: Change back to bec code id do to new business requirement to be able to show BGC Zone code, Subzone Code and Variant values. 2002/12/05 LAS: Undo change as BA identified wrong table to make change against.	NULL	VARCHAR2(4)
12	NET_VOLUME_PER_TREE The net volume per tree to be harvested by this method. measured in cubic metres.	NULL	NUMBER(8,2)
13	VOLUME_PER_HECTARE The volume of the trees to be harvested per hectare by this method. Measured in cubic metres.	NULL	NUMBER(8,2)
14	STAND_DEFECT_PCT The percentage of the harvest which is identifies as being a stand defect.	NULL	NUMBER(3,0)
15	PARTIAL_CUT_PCT The percentage of the trees being harvested by this method that will be partial cut.	NULL	NUMBER(3,0)
16	AVERAGE_SLOPE_PCT The average slope percentage used to access the wood.	NULL	NUMBER(3,0)
17	BLOWDOWN_PCT The percentage of the trees that were blowdown.	NULL	NUMBER(3,0)
18	HEAVY_FIRE_DAMAGE_PCT The percentage of the trees that had heavy fire damage.	NULL	NUMBER(3,0)
19	DEAD_USELESS_SNAGS_PCT The percentage of the trees that were considered to be useless snags.	NULL	NUMBER(3,0)
20	SKYLINE_YARDING_DISTANCE The distance in metres that the skyline yarding will be conducted.	NULL	NUMBER(4)
21	HELICOPTER_YARDING_DISTANCE The distance in kilometres that the helicopter yarding will cover.	NULL	NUMBER(5,1)
22	UPHILL_YARDING_IND A yes/no indicator to identify if uphill harding was involved.	NULL	VARCHAR2(1)
50	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
55	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
60	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
65	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
70	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

ADSH_ADS_FK

ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID

Table: ADS_HARVEST (cont'd)*Foreign Keys:*

ADSH_AHMC_FK
 APPRAISAL_HARVEST_METHOD_CODE =
 APPRAISAL_HARVEST_METHOD_CODE.APPRAISAL_HARVEST_METHOD_CODE
ADSH_HSC_FK
 HARVEST_SYSTEM_CODE = HARVEST_SYSTEM_CODE.HARVEST_SYSTEM_CODE

Indexes:

ADSH_ADS_FK_I
 ECAS_ID
ADSH_AHMC_FK_I
 APPRAISAL_HARVEST_METHOD_CODE
ADSH_HSC_FK_I
 HARVEST_SYSTEM_CODE

Notes:

2002/12/04 LAS: Renamed from lodgepole pine pct and increased to number(7,0)
2002/12/05 LAS: Replaced BGC_ZONE_CODE with BEC_CODE_ID
2002/12/05 LAS: Undo Bec_code_id change as BA identified wrong table to change.

Table: ADS_HARVEST_SPECIES*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 20	APPRAISAL_HARVEST_METHOD_CODE The unique identifier for the method by which the trees are being harvested.	NOT NULL	VARCHAR2(2)
* 30	HARVEST_SYSTEM_CODE The system of harvesting planned for use for the appraisal. Subset of silv_system_code and status_code. Will contain either Clear - clear cut or Ptl - Partial not total, incomplete	NOT NULL	VARCHAR2(5)
* 35	HDBS_TREE_SPECIES This entity will become a code subset or already is one from the VM system.	NOT NULL	VARCHAR2(2)
40	SPECIES_VOLUME	NOT NULL	NUMBER(7)
50	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
55	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
60	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
65	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
70	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

AHE_ADSH_FK

ECAS_ID = ADS_HARVEST.ECAS_ID

APPRAISAL_HARVEST_METHOD_CODE = ADS_HARVEST.APPRAISAL_HARVEST_METHOD_CODE

HARVEST_SYSTEM_CODE = ADS_HARVEST.HARVEST_SYSTEM_CODE

AHE_HTS_FK

HDBS_TREE_SPECIES = HDBS_TREE_SPECIES.HDBS_TREE_SPECIES

Table: ADS_INSECT_SPECIES_CODE*Description:*

Identifies the species of an insect within the stand for the appraisal submission.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ADS_INSECT_SPECIES_CODE Identifies the species of an insect within the stand for the appraisal submission.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION The name of the insect species.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: ADS_LOCATION_CODE*Description:*

The unique code of the geographic centre of the cutting authority area to the nearest border of the nearest of Vancouver, Chilliwack, Merritt, Victoria, Nanaimo, Campbell River, Prince Rupert, Terrace, or Houston.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 5	ADS_LOCATION_CODE The unique code of the geographic centre of the cutting authority area to the nearest border of the nearest of Vancouver, Chilliwack, Merritt, Victoria, Nanaimo, Campbell River, Prince Rupert, Terrace, or Houston.	NOT NULL	VARCHAR2(4)
10	DESCRIPTION The full description of the location.	NULL	VARCHAR2(120)
15	EFFECTIVE_DATE The date this value is available for use.	NULL	DATE
20	EXPIRY_DATE The date after which the value is no longer available for use.	NULL	DATE
25	UPDATE_TIMESTAMP The date and time the value was last modified.	NULL	DATE

Table: ADS_OTHER_DEVELOPMENT_COST*Description:*

The super type used to relate the various cost entities to the Appraisal File.

Includes all the entities used to determine what the logging for this appraisal will cost the licensee as well as the crown.

Identifies the costs associated with development work required for the timber cutting to proceed.

Is a super-type entity containing the various components of development. This includes Road Construction, Bridge construction, culvert installation and replacement, detailed engineering, end haul and road reconstruction.

The OTHER DEVELOPMENT COSTS entity contains the various development components not otherwise covered in the development costs entity subtypes. This includes Other Structures, Allocated Development for BCTS and Engineered Development.

Only used for Interior Appraisals.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	OTHER_DEVELOPMENT_TYPE_CODE The unique code used to identify the type of other development being conducted for this Interior Appraisal.	NOT NULL	VARCHAR2(1)
* 2	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 3	OTHER_DEVELOPMENT_ID A sequence number to uniquely identify the other development line items.	NOT NULL	NUMBER(12,0)
4	ADSODC_TYPE	NOT NULL	VARCHAR2(10)
5	OTHER_DEVELOPMENT_DESCRIPTION A text field allowing for a brief description of the other type of development being conducted.	NOT NULL	VARCHAR2(120)
6	COST_BASE_YEAR The year which the original cost is being used from.	NOT NULL	VARCHAR2(4)
7	ORIGINAL_COST The original cost of the development effort.	NOT NULL	NUMBER(9,2)
8	TRENDED_COST The dollar cost amount of the other development item.	NOT NULL	NUMBER(9,2)
9	APPLICABLE_VOLUME The volume against which the development cost for this work will be calculated against.	NULL	NUMBER(7,0)
10	AMENDED_IND A yes/no indication of whether or not this development cost line has been amended since the original submission.	NULL	VARCHAR2(1)
11	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
12	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
13	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
14	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
15	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Unique Constraints:

ADSODC_OD_UK
OTHER_DEVELOPMENT_TYPE_CODE
OTHER_DEVELOPMENT_ID

Foreign Keys:

ADSODC_ADS_FK
ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID
ADSODC_ODTC_FK
OTHER_DEVELOPMENT_TYPE_CODE =

Table: ADS_OTHER_DEVELOPMENT_COST (cont'd)*Foreign Keys:*

OTHER_DEVELOPMENT_TYPE_CODE.OTHER_DEVELOPMENT_TYPE_CODE

Indexes:

ADSODC_ADS_FK_I

ECAS_ID

ADSODC_ODTC_FK_I

OTHER_DEVELOPMENT_TYPE_CODE

Table: ADS_ROAD*Description:*

The super type used to relate the various cost entities to the Appraisal File.
 Includes all the entities used to determine what the logging for this appraisal will cost the licensee as well as the crown.
 Identifies the costs associated with development work required for the timber cutting to proceed.
 Is a super-type entity containing the various components of development. This includes Road Construction, Bridge construction, culvert installation and replacement, detailed engineering, end haul and road reconstruction.
 This entity contains the summary information about any road that may be requiring construction or reconstruction for the appraisal.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	ROAD_NAME The unique name of the road involved in the construction.	NOT NULL	VARCHAR2(120)
3	ROAD_GROUP_CODE The unique code identifier for the road groups within the province.	NULL	VARCHAR2(2)
4	BGC_ZONE_CODE Unique identifier for biogeoclimatic unit code.	NULL	VARCHAR2(4)
5	ARD_TYPE	NOT NULL	VARCHAR2(10)
6	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
7	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
8	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
9	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
10	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Unique Constraints:

ARD_ATR_UK
 ROAD_NAME

Foreign Keys:

ARD_ADS_FK
 ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID
 ARD_BCT2_FK
 ARD_RGC_FK
 ROAD_GROUP_CODE = ROAD_GROUP_CODE.ROAD_GROUP_CODE

Indexes:

ARD_ADS_FK_I
 ECAS_ID
 ARD_BCT2_FK_I
 ARD_RGC_FK_I
 ROAD_GROUP_CODE

Notes:

2002/10/25 LAS: Modified entity name as this entity contains road names which may not be tabular only. Removed attribute APPRAISAL_YEAR as this entity should contain all road names involved in the appraisal regardless of year.

2002/11/18 LAS: Note to future generators: The BEC_CODE_ID inherited through the relationship to BEC CODE TABLE needs to be removed and the column replaced with the BGC_ZONE_CODE varchar2(4) as that is the data to be used.

Table: ADS_SPECIES_DAMAGE_CATGRY_CODE*Description:*

Identifies the category of damage inflicted on a species within the stand for the appraisal submission.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ADS_SPECIES_DAMAGE_CATGRY_CODE Identifies the category of damage inflicted on a species within the stand for the appraisal submission.	NOT NULL	VARCHAR2(2)
2	DESCRIPTION The full description of the damage category.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: ADS_SPECIES_DAMAGE_VOLUME*Description:*

Identifies the damage of different species within the stand for the appraisal submission. For each species and category of damage, the volume is identified.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	DAMAGE_VOLUME_ID A unique identifier for the damage volume.	NOT NULL	NUMBER(12)
2	ADS_SPECIES_DAMAGE_CATGRY_CODE Identifies the category of damage inflicted on a species within the stand for the appraisal submission.	NULL	VARCHAR2(2)
3	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
4	HDBS_TREE_SPECIES A unique code identifying the tree species used by the HDBS application.	NULL	VARCHAR2(2)
8	ADS_INSECT_SPECIES_CODE Identifies the species of an insect within the stand for the appraisal submission.	NOT NULL	VARCHAR2(3)
9	VOLUME The volume in cubic metres for this tree species and damage category.	NOT NULL	NUMBER(7,0)
10	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
11	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
12	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
13	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
14	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

ADSV_ASV_FK
 ECAS_ID = ADS_SPECIES_VOLUME.ECAS_ID
 HDBS_TREE_SPECIES = ADS_SPECIES_VOLUME.HDBS_TREE_SPECIES
ASDV_ADS_FK
 ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID
ASDV_AISC_FK
 ADS_INSECT_SPECIES_CODE = ADS_INSECT_SPECIES_CODE.ADS_INSECT_SPECIES_CODE
ASDV_ASDCC_FK
 ADS_SPECIES_DAMAGE_CATGRY_CODE =
 ADS_SPECIES_DAMAGE_CATGRY_CODE.ADS_SPECIES_DAMAGE_CATGRY_CODE

Indexes:

ADSV_ASV_FK_I
 HDBS_TREE_SPECIES
 ECAS_ID
ASDV_AISC_FK_I
 ADS_INSECT_SPECIES_CODE
ASDV_ASDCC_FK_I
 ADS_SPECIES_DAMAGE_CATGRY_CODE

Table: ADS_SPECIES_GRADE*Description:*

The percentage of the species that has been graded at the identified grade classification.
Is only used for Coast Appraisals.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	HDBS_TREE_SPECIES A unique code identifying the tree species used by the HDBS application.	NOT NULL	VARCHAR2(2)
* 3	SCALE_GRADE_CODE The unique code used to identify the grade of logs being harvested.	NOT NULL	VARCHAR2(1)
4	GRADE_PCT The percentage of the ADS SPECIES VOLUME that is of the identified GRADE TYPE CODE.	NOT NULL	NUMBER(3,0)
5	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
6	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
7	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
8	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
9	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

ASG_ADSSV_FK
ECAS_ID = ADS_SPECIES_VOLUME.ECAS_ID
HDBS_TREE_SPECIES = ADS_SPECIES_VOLUME.HDBS_TREE_SPECIES
ASG_SGC_FK
SCALE_GRADE_CODE = SCALE_GRADE_CODE.SCALE_GRADE_CODE

Indexes:

ASG_ADSSV_FK_I
ECAS_ID
HDBS_TREE_SPECIES
ASG_SGC_FK_I
SCALE_GRADE_CODE

Table: ADS_SPECIES_VOLUME*Description:*

Identifies each species within the stand for the appraisal submission. For each species the volume, and competitive indicator is identified. For Interior appraisals, additional details are added about the percentage of the volume that may fall within the classifications of Burn, Decay, Stud, Grade, and LRF.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 2	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 4	HDBS_TREE_SPECIES A unique code identifying the tree species used by the HDBS application.	NOT NULL	VARCHAR2(2)
5	GRADE_SOURCE The unique code used to identify the source of the grade for the harvested wood.	NULL	VARCHAR2(8)
6	SPECIES_VOLUME The volume in cubic metres that is being harvested for this tree species.	NOT NULL	NUMBER(7,0)
7	DECAY_PCT The percentage of the harvest for this species that contains decay wood.	NULL	NUMBER(3,0)
8	STUD_PCT The percentage of the volume for this species that is of stud quality wood.	NULL	NUMBER(3,0)
9	BURN_PCT The percentage of this species volume that is from burn quality wood.	NULL	NUMBER(3,0)
10	GRADE_PCT The percent of the species volume that is of grade quality wood.	NULL	NUMBER(3,0)
11	LUMBER_RECOVERY_FACTOR The amount of lumber which may be recovered during the appraisal harvest. Used for Interior Appraisals.	NULL	NUMBER(3,0)
12	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
13	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
14	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
15	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
16	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

ADSSV_ACS_FK
 ADSSV_ADS_FK
 ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID
 ADSSV_GS_FK
 GRADE_SOURCE = GRADE_SOURCE.GRADE_SOURCE
 ADSSV_HTS_FK

Indexes:

ADSSV_ACS_FK_I
 ADSSV_ADS_FK_I
 ECAS_ID
 ADSSV_GSC_FK_I
 GRADE_SOURCE
 ADSSV_GS_FK_I
 GRADE_SOURCE
 ADSSV_HTS_FK_I
 HDBS_TREE_SPECIES
 ADSSV_HTS_FK_I_1

Table: ADS_SPECIES_VOLUME (cont'd)*Notes:*

2002/11/1 LAS: Dropped Competitive Indicator as per email from Sabina G.

Table: ADS_SPECIFIED_OPERATION*Description:*

The charges associated with the various types of Specified Operation.

Indication of charge rate per cubic metre for appraisal activity defined by specified operation code and spec op type code. One exception to this, Root Disease is a flat rate charged as a whole dollar amount that when sent up to GAS is then calculated back to a rate per cubic meter.

For Disbursed Salvage a percentage applicable is identified along with the charge rate to indicate how much of that rate and service is to be charged. The blended rate is calculated by adding up the product of the rate times the blended percent of all the Dispersed Salvage operation entries for that appraisal.

The super type used to relate the various cost entities to the Appraisal File.

Includes all the entities used to determine what the logging for this appraisal will cost the licensee as well as the crown.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SPECIFIED_OPERATIONS_CODE The unique code for a specified operation activity.	NOT NULL	VARCHAR2(3)
* 2	SPECIFIED_OPERATIONS_PHS_CODE The special operations type code. Used to uniquely identify the entry.	NOT NULL	VARCHAR2(3)
* 3	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
4	ASO_TYPE	NOT NULL	VARCHAR2(10)
5	SPECIFIED_OPERATING_RATE The dollar amount that the identified Specified Operation will cost. Measured in terms of dollars per cubic metre for most. Interior Root Disease measures only cost in dollars.	NULL	NUMBER(9,2)
6	BLENDED_PCT The percentage of blending used for the identified specified operation. Used for Interior Appraisals only.	NULL	NUMBER(3,0)
7	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
8	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
9	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
10	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
11	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Unique Constraints:

ASO_SOC_UK

Foreign Keys:

ASO_ADS_FK

ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID

ASO_SOC1_FK

ASO_SOPC_FK

ASO_SOX_FK

SPECIFIED_OPERATIONS_CODE = SPECIFIED_OPERATIONS_XREF.SPECIFIED_OPERATIONS_CODE

SPECIFIED_OPERATIONS_PHS_CODE =

SPECIFIED_OPERATIONS_XREF.SPECIFIED_OPERATIONS_PHS_CODE

Indexes:

ASO_ADS_FK_I

ECAS_ID

ASO_SOC1_FK_I

ASO_SOPC_FK_I

Table: ADS_SPECIFIED_OPERATION (cont'd)*Indexes:*

ASO_SOX_FK_I
SPECIFIED_OPERATIONS_PHS_CODE
SPECIFIED_OPERATIONS_CODE

Table: ADS_SUBMITTED_TIMBER_MARK**Description:**

For Coast Appraisals, the data submission may be for one or more timber marks. Because of this, the SUBMITTED TIMBER MARK entity must be created to allow for this flexibility.

The primary timber mark will be displayed on search list pages with the ability to view the other timber marks.

Interior Appraisals only have one timber mark associated so will only ever have one entry per APPRAISAL FILE.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	TIMBER_MARK 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.	NOT NULL	VARCHAR2(6)
3	PRIMARY_MARK_IND The Primary Mark Indicator identifies if the submitted timber mark is the primary mark in the case of multi-mark appraisals. This will be a yes/no indication. For Coast, will default to No until they check the primary mark flag on the reference information page. For Interior, will default to Yes as there is only one timber mark per appraisal.	NOT NULL	VARCHAR2(1)
9	MARK_CRUISE_VOLUME The volume of wood in cubic meters that will be harvested within the identified timber mark.	NULL	NUMBER(7,0)
15	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
16	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
17	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
18	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
19	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

ADSSTM_ADS_FK
ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID
ADSSTM_TM_FK
TIMBER_MARK = TIMBER_MARK.TIMBER_MARK

Indexes:

ADSSTM_ADS_FK_I
ECAS_ID
ADSSTM_TM_FK_I
TIMBER_MARK

Table: ADS_SUPPORT_DOCUMENT*Description:*

The ADS SUPPORT DOCUMENT entity contains the name and location of any file attachments to be kept with the Submitted data file. The format of the attachment may be PDF, Excel, Word or other formats that are easily viewed through a browser. The file name stored will provide the link to the physical file on the network server.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	DOCUMENT_ID Unique identifier for each entry. System generated from a sequence number.	NOT NULL	NUMBER(12,0)
3	ECAS_SUBMITTED_FILE_ID Sequential number is unique identifier for the submitted file.	NULL	NUMBER(12,0)
4	APPRAISAL_DOCUMENT_TYPE_CODE The unique code identifier for the Attachement type.	NOT NULL	VARCHAR2(4)
5	TRANSMISSION_TYPE_CODE The unique code value used to identify how the support document is attached to the file.	NOT NULL	VARCHAR2(1)
6	DOCUMENT_DESCRIPTION User entered description of the support document.	NULL	VARCHAR2(100)
7	ZIP_FILE_IND A yes/no indicator of if the attached electronic file is zipped or normal.	NULL	VARCHAR2(1)
8	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
9	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
10	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
11	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
12	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

ADSSD_ADS_FK
ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID

ADSSD_ADTC_FK
APPRAISAL_DOCUMENT_TYPE_CODE =
APPRAISAL_DOCUMENT_TYPE_CODE.APPRAISAL_DOCUMENT_TYPE_CODE

ADSSD_ESF_FK
ECAS_ID = ECAS_SUBMITTED_FILE.ECAS_ID
ECAS_SUBMITTED_FILE_ID = ECAS_SUBMITTED_FILE.ECAS_SUBMITTED_FILE_ID

ADSSD_TTC_FK
TRANSMISSION_TYPE_CODE = TRANSMISSION_TYPE_CODE.TRANSMISSION_TYPE_CODE

Indexes:

ADSSD_ADS_FK_I
ECAS_ID

ADSSD_ADTC_FK_I
APPRAISAL_DOCUMENT_TYPE_CODE

ADSSD_ESF_FK_I
ECAS_ID
ECAS_SUBMITTED_FILE_ID

ADSSD_TTC_FK_I
TRANSMISSION_TYPE_CODE

Table: ADS_SUPPORT_DOCUMENT (cont'd)*Notes:*

2002/11/21 LAS: Added Zip File Ind to support the additional requirement of submitted documents being sent in zipped format and thus containing more than one.

BM: May 2006. Added DOCUMENT DESCRIPTION to allow users to create their own description for a support document. Dropped FILE NAME attribute and added relationship to ADS SUBMITTED FILE.

BM: Dec 12, 2006. The project to store ECAS attachments and xml files in the database has been put on hold temporarily. The changes made in May 2006 have not been reversed because the intent is that they be implemented in the near future. An interim release requires that new attribute DOCUMENT_DESCRIPTION be implemented without the other changes so the physical Server Model has been updated accordingly.

Table: ADS_TABULAR_ROAD_SECTION**Description:**

This entity contains the details required to be captured from the Licensee on any road section which must be built or rebuilt in order to access the APPRAISAL FILE locations.

The super type used to relate the various cost entities to the Appraisal File.

Includes all the entities used to determine what the logging for this appraisal will cost the licensee as well as the crown.

Identifies the costs associated with development work required for the timber cutting to proceed.

Is a super-type entity containing the various components of development. This includes Road Construction, Bridge construction, culvert installation and replacement, detailed engineering, end haul and road reconstruction.

The END HAUL entity contains the details of end haul detailed engineering costs associated with the APPRAISAL FILE.

The details are related to a DETAILED ENGINEERING Development Cost for an APPRAISAL FILE.

There may be many END HAUL entries per DETAILED ENGINEERING entry.

Used only for COAST APPRAISAL DATA SUBMISSIONS

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 6	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 7	ROAD_NAME The unique name of the road involved in the construction.	NOT NULL	VARCHAR2(120)
* 8	SECTION_ID The detailed line number used to uniquely identify an entry in the TABULAR ROAD entity. Will be generated from a sequence number.	NOT NULL	NUMBER(12,0)
* 9	APPRAISAL_YEAR The year the tabular road work is being conducted.	NOT NULL	VARCHAR2(4)
14	STATION_START_POINT The starting point for this section of road involved in the construction.	NULL	NUMBER(6,0)
19	STATION_END_POINT The section end point of the road section involved in the construction.	NULL	NUMBER(6,0)
24	UPHILL_SIDE_SLOPE_PCT The grade percent of the uphill side slope.	NULL	NUMBER(3,0)
25	TRUCKING_DISTANCE The distance in Kilometers that the road fill will be hauled.	NULL	NUMBER(5,1)
30	SUBGRADE_ROCK_PCT The percentage of rock included in the subgrade for the tabular road. Used in Interior Appraisals.	NULL	NUMBER(3,0)
35	CROWN_PCT The percentage of the total cost the CROWN will be expected to pay for the road development.	NULL	NUMBER(3,0)
40	AMORTIZED_PCT The percent of the development cost which is to be allocated to this appraisal for the identified appraisal year.	NULL	NUMBER(3,0)
45	PARTIAL_PCT The percent of the development cost which is to be allocated to this appraisal for the identified appraisal year. Defaults to 100.	NULL	NUMBER(3,0)
50	BORROW_PIT_LOCATION The station point or location name of the pit where the material is being hauled from. <i>2002/10/23 LAS: As per Tech Spec Review meeting held 10/22, modifying size of Borrow Pit Location, Pit Location and Spoil Location to be consistent size of 50.</i>	NULL	VARCHAR2(50)
55	SECTION_BUILT_IND A yes/no indicator to identify if this section has been built.	NULL	VARCHAR2(1)
60	SECTION_LENGTH For INTERIOR APPRAISAL DATA SUBMISSIONS, the length of the section of the TAB Roads being built for the appraisal.	NULL	NUMBER(8,3)

Table: ADS_TABULAR_ROAD_SECTION (cont'd)**Columns:**

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	For quicker reporting, this will also store the calculated value of the Coast section length. 2002/10/18 LAS - As per telephone conversation with N.Middleton, renamed SUBGRADE_SECTION_LENGTH to SECTION_LENGTH.		
	2002/11/27 LAS: As per discussions with M.Antenbring, L.Martel, and N.Middleton, resized field to allow for the storage of both Coast and Interior section lengths. Coast stores 3 decimal places, interior stores 1		
65	SIDE_SLOPE_PCT	NULL	VARCHAR2(3)
	The grade percentage of the side slope for the subgrade.		
70	STABILIZING_MATERIAL_LENGTH	NULL	NUMBER(6,1)
	For INTERIOR APPRAISAL DATA SUBMISSIONS the length of stabilizing material being utilized.		
75	SURFACING_RMC_CODE	NULL	VARCHAR2(1)
	A unique code identifying the Rock Mass Type.		
80	SURFACING_MATERIAL_TYPE_CODE	NULL	VARCHAR2(1)
	A unique code used to identify a type of Stabilizing material used in road construction.		
85	CONSTRUCTION_CATEGORY_CODE	NULL	VARCHAR2(1)
	Unique identifier for the Category code.		
90	SUBGRADE_RMC_CODE	NULL	VARCHAR2(1)
	A unique code identifying the Rock Mass Type.		
95	SOIL_MOISTURE_CODE	NULL	VARCHAR2(1)
	The unique code used to identify the moisture condition of the soil used for the tabular road.		
96	APPRAISAL_ROAD_TYPE_CODE	NULL	VARCHAR2(1)
	The unique code value for the type of road being constructed.		
101	BANK_HEIGHT_CATEGORY_CODE	NULL	VARCHAR2(4)
	The uphill cut bank height categories used to estimate coastal road construction costs for stumpage appraisal.		
106	STABILIZING_MATERIAL_REQ_IND	NULL	VARCHAR2(1)
	Indicates whether or not stabilizing material was required for this road section.		
107	REVISION_COUNT	NOT NULL	NUMBER(5,0)
	A count of the number of times an entry in the entity has been modified.		
	Used to validate if the current information displayed on a user's web browser is the most current.		
112	ENTRY_USERID	NOT NULL	VARCHAR2(80)
	The unique user id of the resource who initially added the entry.		
117	ENTRY_TIMESTAMP	NOT NULL	DATE
	The date and time the entry was created.		
122	UPDATE_USERID	NOT NULL	VARCHAR2(80)
	The unique id of the user who last modified this entry.		
127	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time the entry was last modified.		

Foreign Keys:

ADSTRS_ARD_FK
 ECAS_ID = ADS_ROAD.ECAS_ID
 ROAD_NAME = ADS_ROAD.ROAD_NAME

ADSTRS_ARTC_FK
 APPRAISAL_ROAD_TYPE_CODE = APPRAISAL_ROAD_TYPE_CODE.APPRAISAL_ROAD_TYPE_CODE

ADSTRS_BHCC_1_FK
 BANK_HEIGHT_CATEGORY_CODE = BANK_HEIGHT_CATEGORY_CODE.BANK_HEIGHT_CATEGORY_CODE

ADSTRS_CCC_FK
 CONSTRUCTION_CATEGORY_CODE =
 CONSTRUCTION_CATEGORY_CODE.CONSTRUCTION_CATEGORY_CODE

ADSTRS_RMCC_FK
 SURFACING_RMC_CODE = ROCK_MASS_CLASS_CODE.ROCK_MASS_CLASS_CODE

ADSTRS_RMSUBGRADE_RMC_TYPED_FK
 SUBGRADE_RMC_CODE = ROCK_MASS_CLASS_CODE.ROCK_MASS_CLASS_CODE

ADSTRS_SMC_FK
 SOIL_MOISTURE_CODE = SOIL_MOISTURE_CODE.SOIL_MOISTURE_CODE

ADSTRS_SMT_C_FK

Table: ADS_TABULAR_ROAD_SECTION (cont'd)*Foreign Keys:*

SURFACING_MATERIAL_TYPE_CODE =
STABILIZING_MATERIAL_TYPE_CODE.STABILIZING_MATERIAL_TYPE_CODE

Indexes:

ADSTRS_ARD_FK_I
ECAS_ID
ROAD_NAME
ADSTRS_ARTC_FK_I
APPRAISAL_ROAD_TYPE_CODE
ADSTRS_BHCC_1_FK_I
BANK_HEIGHT_CATEGORY_CODE
ADSTRS_CCC_FK_I
CONSTRUCTION_CATEGORY_CODE
ADSTRS_RMCC_FK_I
SURFACING_RMC_CODE
ADSTRS_RMSUBGRADE_RMC_TYPED__I
SUBGRADE_RMC_CODE
ADSTRS_SMC_FK_I
SOIL_MOISTURE_CODE
ADSTRS_SMTC_FK_I
SURFACING_MATERIAL_TYPE_CODE

Notes:

2002/10/18 LAS - As per discussion with N.Middleton, renamed subgrade section length to section length as field was erroneously displayed on initial prototype.

2002/11/27 LAS: As per discussions with M.Antenbring, L.Martel, and N.Middleton, resized field to allow for the storage of both Coast and Interior section lengths. Coast stores 3 decimal places, interior stores 1

D! 2002/09/28 LAS Replaced by ADS Engineering Section Cost.

Table: APPRAISAL_AMENDMENT_TYPE_CODE*Description:*

An indication of the type of amendment being made to the merchantable area of an appraisal.
May be either an Addition or a Deletion to the area harvested.
Will be a subset of the ACTION CODE list.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APPRAISAL_AMENDMENT_TYPE_CODE Unique code identifying the type of amendment. A; D	NOT NULL	VARCHAR2(3)
2	DESCRIPTION The full description of the value.	NOT NULL	VARCHAR2(120)
2	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: APPRAISAL_ATTACHMENT_XREF**Description:**

The cross reference between appraisal methods and the attachments that can be submitted with each.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APPRAISAL_METHOD_CODE	NOT NULL	VARCHAR2(1)
	The unique code to identify the type of submission being created by the Licensee RPF.		
* 2	APPRAISAL_DOCUMENT_TYPE_CODE	NOT NULL	VARCHAR2(4)
	The unique code identifier for the Attachement type.		
3	DISPLAY_ORDER	NOT NULL	NUMBER(2)
	The order that the item should display in screen and reports.		
4	LICENSEE_ACCESS_IND	NOT NULL	VARCHAR2(1)
	A yes/no indicator to identify if the Licensee can attach this type of document to the appraisal file.		
	16/12/2002 - Column added to indicate user role who made attachment.		
5	RPF_ACCESS_IND	NOT NULL	VARCHAR2(1)
	A yes/no indicator to identify if the RPF can attach this type of document to the appraisal file.		
	16/12/2002 - Column added to indicate user role who made attachment.		
6	BCTS_ACCESS_IND	NOT NULL	VARCHAR2(1)
	A yes/no indicator to identify if the BCTS can attach this type of document to the appraisal file.		
	16/12/2002 - Column added to indicate user role who made attachment.		
7	DISTRICT_ACCESS_IND	NOT NULL	VARCHAR2(1)
	A yes/no indicator to identify if the District Administrator can attach this type of document to the appraisal file.		
	16/12/2002 - Column added to indicate user role who made attachment.		
8	REGION_ACCESS_IND	NOT NULL	VARCHAR2(1)
	A yes/no indicator to identify if the Region Administrator can attach this type of document to the appraisal file.		
	16/12/2002 - Column added to indicate user role who made attachment.		
9	HEADQUARTERS_ACCESS_IND	NOT NULL	VARCHAR2(1)
	A yes/no indicator to identify if the Headquarters User can attach this type of document to the appraisal file.		
	16/12/2002 - Column added to indicate user role who made attachment.		
14	REQUIRED_IND	NOT NULL	VARCHAR2(1)
	A yes/no indication of if the attachment is required before the appraisal can be submitted.		
	16/12/2002 - Column added to indicate user role who made attachment.		
20	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time the data was last modified		
	16/12/2002 - Column added		
25	UPDATE_USERID	NOT NULL	VARCHAR2(30)
	The userid of the resource who last modified the data.		
	16/12/2002 - Column added		

Foreign Keys:

AAXREF_ADTC_FK

APPRAISAL_DOCUMENT_TYPE_CODE =

APPRAISAL_DOCUMENT_TYPE_CODE.APPRAISAL_DOCUMENT_TYPE_CODE

AAXREF_AMCD_FK

APPRAISAL_METHOD_CODE = APPRAISAL_METHOD_CODE.APPRAISAL_METHOD_CODE

Indexes:

AAXREF_ADTC_FK_I

APPRAISAL_DOCUMENT_TYPE_CODE

AAXREF_AMCD_FK_I

APPRAISAL_METHOD_CODE

Notes:

200212/16 LAS: Added access indicators for each user role to identify which can attach the document to an appraisal file.

2002/12/17 LAS: Added Required indictaor to identify which attachments are mandator for submission of appraisal.

Table: APPRAISAL_CATEGORY_CODE*Description:*

Identifies the type of appraisal being submitted.
May be New, Reappraisal or Advertised BCTS.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APPRAISAL_CATEGORY_CODE The unique code to identify the type value.	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The full description of the value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The first date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: APPRAISAL_COAST_SPECIES_CODE*Description:*

This entity will become a code subset or already is one from the VM system.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APPRAISAL_COAST_SPECIES_CODE A unique code identifying the tree species used by the HDBS application.	NOT NULL	VARCHAR2(2)
2	DESCRIPTION The full description of the tree species.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date when this code is available for use by the system.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the code is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: APPRAISAL_CULVERT_TYPE_CODE*Description:*

The various types and sizes of the CULVERTS which are typically built for Logging Roads.
 The entity contains the valid codes and descriptions for use in the CULVERT entity.
 Will identify Wooden culverts and the diameters of the Metal culverts.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APPRAISAL_CULVERT_TYPE_CODE The unique code identifying the CULVERT TYPE CODE. For Metal Culverts Example values: 3 4 5 6 7 8 9 10 12 14 16 18 Wooden Culverts: W	NOT NULL	VARCHAR2(2)
2	DESCRIPTION The full description of the value. Examples: 3 - A 0.3 meter diameter culvert 4 - A 0.4 meter diameter culvert	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date on which this value becomes available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATED_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: APPRAISAL_DATA_SUBMISSION*Description:*

The INTERIOR APPRAISAL allows for the identification of additional elements that are submitted for INTERIOR appraisals that are not required or captured for COAST.

The APPRAISAL DATA SUBMISSION contains a list of all COAST and INTERIOR APPRAISAL files entered into ECAS.

It will also contain the ACKNOWLEDGEMENT information contained in each submission.

This will create the unique identifier for the file that will be used to reference the file as it flows through the system.

The APPRAISAL DATA SUBMISSION will be created by a licensee or RPF on behalf of the Licensee.

This is the temporary holding space for the Appraisal Worksheets prior to being sent on to the General Appraisal System.

The COAST APPRAISAL allows for the identification of additional elements that are captured for COAST APPRAISAL type submissions that will not be captured for INTERIOR.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 2	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
7	FOREST_FILE_ID The unique identifier for the licence.	NULL	VARCHAR2(10)
12	CUTTING_PERMIT_ID The unique identifier for the cutting permit.	NULL	VARCHAR2(3)
17	APPRAISAL_STATUS_CODE The code value representing the status of the file. Must be unique.	NOT NULL	VARCHAR2(3)
22	APPRAISAL_CATEGORY_CODE The unique code to identify the type value.	NOT NULL	VARCHAR2(1)
23	APPRAISAL_EFFECTIVE_DATE Date the appraisal is effective from. Optional on initial entry but must be entered prior to being approved and sent to GAS.	NULL	DATE
28	APPRAISAL_EXPIRY_DATE Date the appraisal expires. If an extension is submitted, reset based on new data provided.	NULL	DATE
33	RATE_CALC_METHOD_CODE Unique identification to classify the method used in calculating stumpage rate for the Appraisal Data Submission.	NOT NULL	VARCHAR2(3)
38	ADMIN_DISTRICT Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(10,0)
43	TSB_NUMBER_CODE The unique code identifying a Timber Supply Block.	NULL	VARCHAR2(3)
48	NET_CRUISE_VOLUME The total cruise volume included for the appraisal. The sum of Cable Yarding, Ground Systems, Land Drop and Water Drop must equal this amount.	NULL	NUMBER(7,0)
53	SECOND_GROWTH_CONIFER_VOLUME The volume of coniferous trees being harvested that are of second growth.	NULL	NUMBER(7,0)
58	SECOND_GROWTH_IND A yes/no indicator to identify if the volume being harvested is of second growth and exceeds 80 percent of the total volume.	NULL	VARCHAR2(1)
63	SINGLE_TREE_CRUISE_IND An indication of whether or not there were single tree harvest cruise grades included in the APPRAISAL DATA SUBMISSION.	NULL	VARCHAR2(1)
68	INITIAL_MERCHANTABLE_AREA	NULL	NUMBER(4,1)

Table: APPRAISAL_DATA_SUBMISSION (cont'd)**Columns:**

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
73	SINGLE_TREE_SELECTION_VOLUME The first merchantable area determined for this appraisal file. The volume of wood harvested that was taken using the single tree selection harvest method. Used on Coast Appraisals.	NULL	NUMBER(7,0)
74	SALVAGE_IND A yes/no indicator to identify if salvage is being used on this appraisal.	NULL	VARCHAR2(1)
75	COMPARATIVE_CRUISE_IND A yes/no indicator to identify if comparative cruise values were checked for this appraisal.	NULL	VARCHAR2(1)
80	STANDARD_ERROR_PCT This is the cruise sampling error. It is reported to 2 standard errors.	NULL	NUMBER(4,1)
85	SPECIFIED_OPERATION_IND An indication of if there are specified operations included in the Appraisal Submission.	NULL	VARCHAR2(1)
	Y = Yes N = No		
90	BLENDED_RATE This value will be set by the application if there is data entered into the specified operations costs. Blended Rate for all the Dispersed Salvage Specified Operations Records. <i>2003/03/11 Jstorey: Added attribute.</i>	NULL	NUMBER(5,2)
91	NET_MERCHANTABLE_AREA Net Merchantable area (ha) from the appraisal summary report. This area must be the same area directly attributed to the appraised net merchantable volume for the cutting authority. Where the licence requires harvesting in deciduous stands the Net Merchantable Area includes the area for the deciduous volume. <i>12/13/2002 LAS; Resized Net Merchantable Area to 7,1</i>	NULL	NUMBER(7,1)
96	NET_AREA_TO_REFOREST Net area to reforest (ha) within the cutting authority area for which the licensee has free-growing obligations (ha) and has not yet received a basic silviculture cost estimate in any appraisal. The Net Area to Reforest can not be less than the Net Merchantable Area.	NULL	NUMBER(7,1)
97	REFERENCE_MARK An associated Timber Mark which is copied to create this Appraisal file.	NULL	VARCHAR2(6)
102	ROAD_USE_CHARGE The cost per cubic meter that using the road will incur. Used for both appraisal types.	NULL	NUMBER(5,2)
107	ROUTINE_ROAD_MAINTENANCE_IND An indication of whether or not routine road maintenance will be required as a result of this appraisal. Used in both Appraisal Types.	NULL	VARCHAR2(1)
113	BASIC_SILV_REQUIRED_IND An indication of whether or not basic silviculture will be required. Used in both Appraisal types.	NULL	VARCHAR2(1)
118	ISOLATION_TYPE_CODE The unique code to indicate if the location of the appraisal is considered isolated or not.	NULL	VARCHAR2(1)
123	AVERAGE_SIDE_SLOPE_PCT The grade percent of the average side slope. Used in Coast Appraisals	NULL	NUMBER(3,0)
128	CABLE_YARDING_VOLUME The volume of trees being taken via the cable yarding method. Used in Coast Appraisals.	NULL	NUMBER(8,0)
133	GROUND_SYSTEMS_VOLUME The volume of trees being taken by the ground system method. Used in Coast Appraisals.	NULL	NUMBER(7,0)
138	HELI_LAND_DROP_VOLUME The volume of trees being taken by the land drop method. Used in Coast Appraisals.	NULL	NUMBER(7,0)
143	HELI_WATER_DROP_VOLUME The volume of trees being taken by the water drop method.	NULL	NUMBER(7,0)

Table: APPRAISAL_DATA_SUBMISSION (cont'd)**Columns:**

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
148	Used in Coast Appraisals. HELI_PARTIAL_CUT_VOLUME The volume of trees in cubic meters harvested by the helicopter partial cut method. Used in Coast Appraisals. <i>2007/03/14 BM: Added this attribute</i>	NULL	NUMBER(7,0)
153	SINGLE_STEM_VOLUME The volume of trees being taken by the single stem method. Used in Coast Appraisals.	NULL	NUMBER(7,0)
158	RAIL_LOCATION_CODE The unique code for the rail transportation locations.	NULL	VARCHAR2(4)
163	CREW_TRANSPORT_DISTANCE The total distance in kilometres that a work crew must be transported. Used in Coast Appraisal.	NULL	NUMBER(4,1)
168	LOCATION_DESCRIPTION Coast - A description of the location from which the crew works. The marshalling point at which the crew is transported from. Interior - The Road Use Location Description used on the Interior Log Transportation/Admin page.	NULL	VARCHAR2(250)
173	WOODLOT_PERIOD_CODE The unique code indicating the adjustment frequency.	NULL	VARCHAR2(1)
174	CULVERT_APPLICABLE_VOLUME The volume of the appraisal that is applicable to the culvert development costs. Used for Interior Appraisals only.	NULL	NUMBER(7,0)
179	HAUL_DISTANCE The distance in kilometers from the point of appraisal to the support centre. Used for Coast Appraisals.	NULL	NUMBER(4,1)
184	POINT_OF_APPRAISAL_DISTANCE Average distance in kilometers from the cutting authority to point of appraisal. <i>2007/03/14 BM: Added this attribute</i>	NULL	NUMBER(4,0)
189	TAB_ROAD_APPLICABLE_VOLUME The volume in cubic metres of the appraisal which is applicable to the tabular road development costs. Used for Interior Appraisals only.	NULL	NUMBER(7,0)
190	TRUCK_HAUL_METHOD_CODE The unique code to identify the method of transporting the logs via truck.	NULL	VARCHAR2(1)
195	LAKE_TRANSPORT_CODE The unique code identifying the lake transportation location.	NULL	VARCHAR2(4)
200	APP_SUPPORT_CENTRE_CODE The unique code of the location point which is providing support to the appraisal.	NULL	VARCHAR2(4)
205	WEIGHTED_POINT_OF_ORIGIN_COST Calculated based on total transportation cost by volume divided by the total volume for the cutting permit. Total transportation cost by volume is calculated as the sum of the barging cost by volume and the towing cost by volume. Barging cost by volume is the sum of the average cost for the two points of origin identified times the total volume for the cutting permit. Towing cost by volume is the sum of the average cost for the two points of origin identified times the total volume for the cutting permit.	NULL	NUMBER(4,2)
210	POINT_OF_APPRAISAL_CODE The unique location point from the BC_LOCATION_CODE group that is identifies as a point of appraisal for either Interior Appraisal Methods or Coast.	NULL	VARCHAR2(4)
215	WTR_PT_OF_ORIGIN1 The code representing geographic locations where logs are off loaded from trucks for water transportation. This code is a subtable of the BC Location Code in code list.	NULL	VARCHAR2(4)
220	NRST_POINT_OF_ORIGIN_COST The cost associated to the point of origin closest and below the weighted point of origin cost.	NULL	NUMBER(4,2)
225	POINT_OF_ORIGIN_DIFFERENCE The diffence between the weighted point of origin cost and the closest point of origin cost.	NULL	NUMBER(4,2)
230	WTR_PT_OF_ORIGIN1_DATE The date on which the water transportation cost becomes effective.	NULL	DATE

Table: APPRAISAL_DATA_SUBMISSION (cont'd)**Columns:**

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
235	WEIGHTED_HAUL_DISTANCE Calculated as the haul_dist_by_vol divided by the total_volume_cp. Haul_dist_by_vol is the sum of truck haul distance * block volume where there is a truck haul distance.	NULL	NUMBER(4,1)
240	WTR_PT_OF_ORIGIN2 A code representing the geographic location where the appraised cost estimating ends. This code is a subtable of the BC Location Code in code list.	NULL	VARCHAR2(4)
245	ACCESSIBLE_ISOLATED_ADDITIVE The difference between the accessible/isolated cost and the lower isolated cost value if the blending contains both isolated and accessible blocks.	NULL	NUMBER(4,2)
250	WTR_PT_OF_ORIGIN2_DATE The date on which the water transportation cost becomes effective.	NULL	DATE
255	ROAD_MAINTENANCE_ADDITIVE The additional cost calculated from the cutting authority detail page for routine road maintenance. <i>2002/11/07 LAS: Added attribute as it was missed in review.</i>	NULL	NUMBER(4,2)
260	LOG_TRANSPORTATION_ADDITIVE The sum of the Point of Origin Difference + Road Maintenance Additive + Towing Barging Additive.	NULL	NUMBER(4,2)
265	TOWING_BARGING_ADDITIVE A cost amount to be added to the Log Transportaiton Additive if towing and barging are used.	NULL	NUMBER(4,2)
270	WEIGHTED_CREW_TRANS_DISTANCE Calculated as the crew_trans_vol_by_dist divided by the total_crew_trans_vol. Total_crew_trans_vol is the sum of the block volumes where crew transportation distances are identified. crew_trans_vol_by_dist is the sum of the crew transportation distances * block volumes where crew transportation distances are identified.	NULL	NUMBER(4,1)
275	NRST_PT_OF_ORIGIN A code representing the geographic location where the appraised cost estimating ends. This code is a subtable of the BC Location Code in code list.	NULL	VARCHAR2(4)
281	APPRAISAL_SELL_PRICE_ZONE_CODE The unique identifier for the selling price zone. <i>2002/12/04 LAS: Renamed to APPRAISAL SELL PRICE CODE due to subset requirement</i>	NULL	VARCHAR2(2)
286	BCTS_SALE_TYPE_CODE The unique identifier for the type of timber sale conducted. D - direct B - Bid Proposal S - Sealed Tender	NULL	VARCHAR2(1)
287	BCTS_SALE_DATE The date the BT TIMBER SALE was initiated. Used by Coast Appraisals.	NULL	DATE
292	SALE_TERM_YEAR The length of the sale in years. Used by Coast Appraisals.	NULL	NUMBER(2,0)
297	SALE_TERM_MONTH The number of months the sale term is for.	NULL	NUMBER(2,0)
302	DEVELOPMENT_LEVY_IND An indication for APPRAISAL FILES using the CVP pricing method of whether or not a Development levy will be applied. Used for BCTS in both Interior and Coast.	NULL	VARCHAR2(1)
307	SILVICULTURE_LEVY_IND An indication for the APPRAISAL FILE using the CVP pricing method of whether or not a Silviculture Levy will apply. Used for BCTS on both Coast and Interior.	NULL	VARCHAR2(1)
312	COAST_BONUS_BID_AMOUNT The amount available for the bonus bid. Used on BCTS.	NULL	NUMBER(5,2)
317	ROAD_LENGTH The total length of road in kilometers being developed by the licensee in support of this timber sale. Use for BCTS Appraisals in Coast. <i>2003-02-05 Changed from NUMBER(5,3) to NUMBER(6,3)</i>	NULL	NUMBER(6,3)

Table: APPRAISAL_DATA_SUBMISSION (cont'd)**Columns:**

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
322	DEVELOPED_TIMBER_VOLUME The total of all timber volume to be developed in this Timber Sale.	NULL	NUMBER(7,0)
327	SKYLINE_VOLUME A skyline adjustment may be calculated for those areas within a cut block that: a. are greater than 600 metres in a straight line horizontal distance from the center of the closest possible landing or place where a landing may be located. b. are yarded by skyline The skyline adjustment may be calculated by adding the volume of timber to which the skyline may apply to the volume of timber to be helicopter yarded. <i>Added 2004/01/22 - jstorey</i>	NULL	NUMBER(7)
332	ROAD_LENGTH_CONSTRUCTED The total road length in kilometers being constructed by the licensee. Used in BCTS Coast Appraisals.	NULL	NUMBER(5,3)
334	OVERRIDE_CALC_SILV_LEVY_IND A yes/no indicator to identify if the calculation of the silviculture levy can be overridden. Used in Coast Control page.	NULL	VARCHAR2(1)
336	DEVELOPMENT_OVERRIDE_LEVY The Levy charged as an override to the Development Levy originally set.	NULL	NUMBER(9,2)
337	SILVICULTURE_OVERRIDE_LEVY The levy charged to override the previously determined silviculture levy.	NULL	NUMBER(9,2)
342	UPSET_OVERRIDE_REASON_CODE	NULL	VARCHAR2(3)
343	FENCING_DISTANCE The distance in 100's of metres of fencing required for this APPRAISAL FILE.	NULL	NUMBER(5,0)
344	CATTLE_GUARD_QUANTITY The number of cattle guards required to be built for the APPRAISAL FILE.	NULL	NUMBER(3,0)
345	PIPELINE_CROSSING_QUANTITY The number of pipeline crossings required to be developed to support the logging of this APPRAISAL FILE.	NULL	NUMBER(3,0)
350	SINGLE_PIPELINE_CROSSINGS Number of pipeline crossings required that will be installed under the cutting authority.	NULL	NUMBER(3)
355	MULTIPLE_PIPELINE_CROSSINGS Number of pipeline crossings required that will be installed under the cutting authority where multiple (2 or more) pipes are crossing within the same right-of-way.	NULL	NUMBER(3)
356	OBLIGATORY_DECIDUOUS_VOLUME The volume of trees that must be of deciduous species type.	NULL	NUMBER(7,0)
361	NET_CONIFEROUS_VOLUME The volume of trees harvested that are of coniferous species type.	NULL	NUMBER(7,0)
362	CP_AVG_VOL_PER_TREE The average volume in cubic metres per tree for the cutting permit.	NULL	NUMBER(6,2)
367	CP_AVG_VOL_PER_HA The average volume in cubic metres per hectare for the cutting permit.	NULL	NUMBER(6,2)
372	CP_AVG_SLOPE_PCT The average slope percentage for the cutting permit.	NULL	NUMBER(3,0)
377	MANDATORY_SMALLLOG_UTIL_IND A yes/no indication of whether or not the appraisal includes small log utilization.	NULL	VARCHAR2(1)
382	MANDATORY_GRADE_4_HEMLOCK_IND A yes/no indication of whether or not the appraisal includes Grade 4 Hemlock.	NULL	VARCHAR2(1)
387	DISTANCE_TO_SUPPORT_CENTRE The distance in kilometres from the point of appraisal to the support centre. Used in Interior Appraisals.	NULL	NUMBER(5,1)
388	TRUCK_HAUL_PRIMARY_CYCLE_TIME The time in hours a one-way trip will take from the centre of the timber mark to the support centre. Used for Interior Appraisals	NULL	NUMBER(4,1)
389	TRUCK_HAUL_SECOND_CYCLE_TIME The secondary trip time.	NULL	NUMBER(4,1)

Table: APPRAISAL_DATA_SUBMISSION (cont'd)**Columns:**

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	Used for Interior Appraisals		
390	WOODLOT_ROAD_MANAGEMENT_COST The cost per cubic metre of woodlot road management.	NULL	NUMBER(5,2)
	Used for Interior Appraisals		
391	LAKE_TOW_DISTANCE The distance to the nearest kilometre that the logs will be towed on water.	NULL	NUMBER(4,0)
	Used for Interior Appraisals		
392	DEWATER_RELOAD_IND A yes/no indication of whether dewater and reload effort will be required.	NULL	VARCHAR2(1)
	Used for Interior Appraisals		
393	BARGE_FERRY_IND A yes/no indicator indicating whether or not a barge ferry will be used in the log transportation.	NULL	VARCHAR2(1)
	Used for Interior Appraisals		
399	CREW_BARGE_FERRY_IND A yes/no indication of whether or not a barge ferry will be required to move the work crew.	NULL	VARCHAR2(1)
	Used for Interior Appraisals		
400	FRANCOIS_LAKE_FERRY_IND A yes/no indication of whether or not the Francois Lake Ferry will be used for this appraisal log transportation.	NULL	VARCHAR2(1)
	Used for Interior Appraisals.		
401	TRUCK_TO_RAIL_IND A yes/no indication to identify if truck to rail transportation was required for this appraisal.	NULL	VARCHAR2(1)
402	DEASE_LAKE_RAIL_IND A yes/no indication of whether the BC Rail at Dease Lake was used in the log transportation. Only to be set if the Truck to Rail Ind was set to Yes.	NULL	VARCHAR2(1)
407	RPF_USER_ID The unique identifier (logon account name) for a user accessing the ministry of forests computer environment.	NULL	VARCHAR2(30)
412	APPRSL_CERTIFICATION_TYPE_CODE A unique code to identify the certification type indicated by the RPF.	NULL	VARCHAR2(1)
417	RPF_SUBMITTED_DATE The date the RPF changed the status of the appraisal file to submitted. set on the Acknowledgement page.	NULL	DATE
422	LICENSEE_REP_ENTERED_DATE The date the licensee representative entered their information and saved. Will be system generated.	NULL	DATE
427	DISTRICT_RECEIVED_DATE The date the submission was received by the district rep. System determined based on when the status of the appraisal file is set to Received. Available on the Control Page.	NULL	DATE
432	SENT_DATE This attribute is set with the current date/time when the District representative sends a submission to a Region.	NULL	DATE
437	CLIENT_NUMBER Sequentially assigned number to identify a ministry client.	NULL	VARCHAR2(8)
442	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.	NULL	VARCHAR2(2)
447	SENT_BY_USER_ID The unique identifier (logon account name) for a user accessing the ministry of forests computer environment.	NULL	VARCHAR2(30)
452	TRANSFER_BY_USER_ID The unique identifier (logon account name) for a user accessing the ministry of forests computer environment.	NULL	VARCHAR2(30)
457	STATUS_CHANGE_DATE Date the submission last changed status. I.e. when APPRAISAL STATUS CODE was changed.	NULL	DATE

Table: APPRAISAL_DATA_SUBMISSION (cont'd)**Columns:**

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
462	TRANSFER_DATE This attribute is set with the current date/time when the Region representative transfers a submission to GAS.	NULL	DATE
467	DATA_FIELD_CHECKED_IND An indication of whether or not the data has been field checked by the district office. Available on the Control Page.	NULL	VARCHAR2(1)
472	NRST_PT_EFFECTIVE_DATE The date on which the water transportation cost becomes effective.	NULL	DATE
477	CP_CRUISE_CHECKED_IND An indicator to identify whether or not the cutting permit cuise volumes have been checked or not. Available on the Control Page.	NULL	VARCHAR2(1)
482	FTAS_DATA_VALIDATED_IND A yes/no indication of whether or not the timber marks, cutting permit, and cut block data has been verified against the appropriate FTAS tables. Direct referential integrity will not be implemented due to the timing of data entry between cutting permits and appraisals.	NULL	VARCHAR2(1)
487	MVI_ELIGIBLE_IND A yes/no indicator to identify if the appraisal is eligible for MVI. Available on the control page	NULL	VARCHAR2(1)
492	TOA_ELIGIBLE_IND A yes/no indicator to identify if the appraisal is eligible for TOA. Available on the Coast Control page.	NULL	VARCHAR2(1)
497	MPS_CVP_DIFFERENTIAL The differential amount used in calculations between CVP and MPS pricing methods. Available on the control page.	NULL	NUMBER(5,2)
502	RATE_ADJUSTMENT_TYPE_CODE The unique code used to identify the type of rate adjustment method.	NULL	VARCHAR2(1)
507	NO_CHANGE_IND A yes/no indicator to denote whether or not the submitter of the data (RPF) has checked the flag for the statement: "I certify that there have been no changes, to the data elements, specified operations, or detailed engineering methodologies, or amendments to the cutting authority since the last appraisal or reappraisal." Used in Interior Acknowledgements only.	NULL	VARCHAR2(1)
508	STUMPAGE_RATE_EXTENSION_IND A yes/no indicator denoting if the submittor (RPF) has checked the flag for the following statement: "I certify that there are less than 2000 cubic metres of merchantable timber remaining on the cutting authority area and that no timber is expected to be harvested during the next year. I am requesting that the current stumpage rate be extended." Used in Interior Acknowledgement only.	NULL	VARCHAR2(1)
513	LICENSEE_REP_FIRST_NAME First name of a Licensee Representative. <i>Added 2003/08/08 - jstorey</i>	NULL	VARCHAR2(40)
518	LICENSEE_REP_MIDDLE_INITIAL Middle initial of a Licensee Representative. <i>Added 2003/08/13 - jstorey</i>	NULL	VARCHAR2(1)
523	LICENSEE_REP_LAST_NAME Last name of a Licensee Representative. <i>Added 2003/08/13 - jstorey</i>	NULL	VARCHAR2(40)
528	LICENSEE_REP_PHONE_NUMBER Licensee Representative telephone number. <i>Added 2003/08/08 - jstorey</i>	NULL	VARCHAR2(10)
533	LICENSEE_REP_FAX_NUMBER Licensee Representative fax number. <i>Added 2003/08/08 - jstorey</i>	NULL	VARCHAR2(10)
538	LICENSEE_REP_EMAIL_ADDRESS Licensee Representative email address. <i>Added 2003/08/08 - jstorey</i>	NULL	VARCHAR2(500)

Table: APPRAISAL_DATA_SUBMISSION (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
543	BCTS_SALE_ADVERTISED_IND Indicates the director of BCTS has determined there is little chance of them receiving bids at the normal MPS upset stumpage rate. <i>Added 2003/08/12 - jstorey</i>	NULL	VARCHAR2(1)
548	BCTS_SALE_READVERTISED_IND Indicates timber sales that have been advertised at the normal MPS upset stumpage rate, but failed to receive any bids and the desire is to re-advertise at a reduced upset rate. <i>Added 2003/08/12 - jstorey</i>	NULL	VARCHAR2(1)
553	BCTS_VARIABLE_COST Cost required to prepare the sale. Dollar per cubic metre. <i>Added 2003/08/12 - jstorey</i>	NULL	NUMBER(9,2)
558	ADS_LOCATION_DISTANCE_AVERAGE The average straight line distance measured in kilometres from the geographic centre of the cutting authority area to the nearest border of the nearest of Vancouver, Chiliwack, Merritt, Victoria, Nanaimo, Campbell River, Prince Rupert, Terrace, or Houston. For appraisals effective 2005-08-01 or later, the distance is calculated as the cut block volume weighted average of the distances from individual blocks to the nearest major centre. <i>Added 2004/01/22 - jstorey</i> <i>2005-07-08 - BM - Renamed from ADS_LOCATION_DISTANCE to ADS_LOCATION_DISTANCE_AVERAGE.</i>	NULL	NUMBER(4)
563	DECKED_VOLUME Volume of the timber sale that has been felled and decked	NULL	NUMBER(7)
610	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
611	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
612	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
613	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
614	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

ADS_AATC2_FK
 APPRAISAL_CATEGORY_CODE = APPRAISAL_CATEGORY_CODE.APPRAISAL_CATEGORY_CODE
 ADS_ADSC_FK
 ECAS_ID = APPRAISAL_DATA_SUBMISSION_CTRL.ECAS_ID
 ADS_APPCTC_FK
 APPRSL_CERTIFICATION_TYPE_CODE =
 APPRSL_CERTIFICATION_TYPE_CODE.APPRSL_CERTIFICATION_TYPE_CODE
 ADS_ASCC_FK
 APP_SUPPORT_CENTRE_CODE = APP_SUPPORT_CENTRE_CODE.APP_SUPPORT_CENTRE_CODE
 ADS_ASC_1_FK
 APPRAISAL_STATUS_CODE = APPRAISAL_STATUS_CODE.APPRAISAL_STATUS_CODE
 ADS_BSTC_FK
 BCTS_SALE_TYPE_CODE = BCTS_SALE_TYPE_CODE.BCTS_SALE_TYPE_CODE
 ADS_CL_FK
 CLIENT_NUMBER = CLIENT_LOCATION.CLIENT_NUMBER
 CLIENT_LOCN_CODE = CLIENT_LOCATION.CLIENT_LOCN_CODE
 ADS_ITC_FK
 ISOLATION_TYPE_CODE = ISOLATION_TYPE_CODE.ISOLATION_TYPE_CODE
 ADS_LTC1_FK
 LAKE_TRANSPORT_CODE = LAKE_TRANSPORT_CODE.LAKE_TRANSPORT_CODE
 ADS_OU_FK

Table: APPRAISAL_DATA_SUBMISSION (cont'd)*Foreign Keys:*

ADMIN_DISTRICT = ORG_UNIT.ORG_UNIT_NO
 ADS_POAC_FK
 POINT_OF_APPRAISAL_CODE = POINT_OF_APPRAISAL_CODE.POINT_OF_APPRAISAL_CODE
 ADS_RATC_FK
 RATE_ADJUSTMENT_TYPE_CODE = RATE_ADJUSTMENT_TYPE_CODE.RATE_ADJUSTMENT_TYPE_CODE
 ADS_RCMC_FK
 RATE_CALC_METHOD_CODE = RATE_CALC_METHOD_CODE.RATE_CALC_METHOD_CODE
 ADS_RLC_FK
 RAIL_LOCATION_CODE = RAIL_LOCATION_CODE.RAIL_LOCATION_CODE
 ADS_SPZC_FK
 APPRAISAL_SELL_PRICE_ZONE_CODE =
 APPRAISAL_SELL_PRICE_ZONE_CODE.APPRAISAL_SELL_PRICE_ZONE_CODE
 ADS_THMC_FK
 TRUCK_HAUL_METHOD_CODE = TRUCK_HAUL_METHOD_CODE.TRUCK_HAUL_METHOD_CODE
 ADS_TNC1_FK
 TSB_NUMBER_CODE = TSB_NUMBER_CODE.TSB_NUMBER_CODE
 ADS_UORC_FK
 UPSET_OVERRIDE_REASON_CODE =
 UPSET_OVERRIDE_REASON_CODE.UPSET_OVERRIDE_REASON_CODE
 ADS_WPC_FK
 WOODLOT_PERIOD_CODE = WOODLOT_PERIOD_CODE.WOODLOT_PERIOD_CODE

Indexes:

ADS_AATC2_FK_I
 APPRAISAL_CATEGORY_CODE
 ADS_APPCTC_FK_I
 APPRSL_CERTIFICATION_TYPE_CODE
 ADS_ASCC_FK_I
 APP_SUPPORT_CENTRE_CODE
 ADS_ASC_1_FK_I
 APPRAISAL_STATUS_CODE
 ADS_BSTC_FK_I
 BCTS_SALE_TYPE_CODE
 ADS_CL_FK_I
 CLIENT_NUMBER
 CLIENT_LOCN_CODE
 ADS_ITC_FK_I
 ISOLATION_TYPE_CODE
 ADS_LTC1_FK_I
 LAKE_TRANSPORT_CODE
 ADS_MU_FK_I
 RPF_USER_ID
 ADS_MU_SUBMITTED_BY_RPF_FK_I
 SENT_BY_USER_ID
 ADS_MU_TRANSFERRED_BY_FK_I
 TRANSFER_BY_USER_ID
 ADS_OU_FK_I
 ADMIN_DISTRICT
 ADS_POAC_FK_I
 POINT_OF_APPRAISAL_CODE
 ADS_RATC_FK_I
 RATE_ADJUSTMENT_TYPE_CODE
 ADS_RCMC_FK_I
 RATE_CALC_METHOD_CODE
 ADS_RLC_FK_I
 RAIL_LOCATION_CODE
 ADS_SPZC_FK_I
 APPRAISAL_SELL_PRICE_ZONE_CODE

Table: APPRAISAL_DATA_SUBMISSION (cont'd)*Indexes:*

ADS_THMC_FK_I
TRUCK_HAUL_METHOD_CODE
ADS_TNC1_FK_I
TSB_NUMBER_CODE
ADS_UORC_FK_I
UPSET_OVERRIDE_REASON_CODE
ADS_WPC_FK_I
WOODLOT_PERIOD_CODE

Notes:

2002/11/7 LAS: Removed Annual Allowable Cut, AAC Override as these are no longer entry fields for Interior.

2005-11-14 BM : Added Predominant and Secondary BEC Zone, Subzone and Variant attributes

2007/03/14 BM: Moved CP VOLUME PER TREE to the APPRAISAL DATA SUBMISSION entity

2002/11/18 LAS: Note to future generators: The BEC_CODE_ID inherited through the relationship to BEC CODE TABLE needs to be removed and the column replaced with the BGC_ZONE_CODE varchar2(4) as that is the data to be used.

2004/09/02 jstorey: Dropped attributes RPF CLIENT NUMBER, RPF CLIENT LOCN CODE

2005/07/11 BM: Dropped ADS_LOCATION_CODE. Now ADS_LOCATION_CODE is related to ADS_CUTTING_AUTHORITY_DETAILS. Renamed ADS_LOCATION_DISTANCE to ADS_LOCATION_DISTANCE_AVERAGE

2005/10/17 BM: Dropped REGION RECEIVED DATE. Added STATUS CHANGE DATE.

2007/03/14 BM: Added CP VOLUME PER TREE

2007/03/14 BM: Added POINT_OF_APPRAISAL_DISTANCE and HELI_PARTIAL_CUT_VOLUME

Table: APPRAISAL_DATA_SUBMISSION_CTRL**Description:**

An Appraisal Data Submission Control is a record of an Appraisal file that has been manually entered or submitted electronically in a predefined XML file format.

This Entity will record the method of submission and provide the starting point for the Appraisal.

This Entity will store all submissions regardless of the success or failure of the load process.

The raw data of the electronic submission will not be stored in this entity but a link to it will be found in the ECAS Audit Event entity.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
2	APPRAISAL_METHOD_CODE The unique code to identify the type of submission being created by the Licensee RPF.	NOT NULL	VARCHAR2(1)
3	CLIENT_NUMBER The FOREST CLIENT identifier for which the Appraisal file is being submitted. This information is provided through the webade security function. <i>Made CLIENT NUMBER nullable on the appraisal data submission control because BCTS users (small business) are really district personal and don't have a client/locn number. Note: After April 2003, BCTS users should look and act like a licensee, and thus have a client number. But for now, they are associated to a district not a client locn.</i>	NULL	VARCHAR2(8)
4	CLIENT_LOCN_CODE The Client Location identifier to indicate which physical location or office the appraisal information is being submitted from. This information is available from the webade security function. <i>Made client locn code nullable on the appraisal data submission control because BCTS users (small business) are really district personal and don't have a client/locn number. Note: After April 2003, BCTS users should look and act like a licensee, and thus have a client number. But for now, they are associated to a district not a client locn.</i>	NULL	VARCHAR2(2)
5	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
6	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
7	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
8	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
9	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

ADSC_AMCD_FK

APPRAISAL_METHOD_CODE = APPRAISAL_METHOD_CODE.APPRAISAL_METHOD_CODE

Indexes:

ADSC_AMCD_FK_I

APPRAISAL_METHOD_CODE

Table: APPRAISAL_DOCUMENT_TYPE_CODE*Description:*

The ATTACHMENT TYPE CODE table identifies the types of attachment files that may be associated to a data submission. Each ATTACHMENT is displayed on the Attachments page for the data submission as well as indicators on each associated Entry page.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APPRAISAL_DOCUMENT_TYPE_CODE The unique code identifier for the Attachement type.	NOT NULL	VARCHAR2(4)
3	DESCRIPTION The full description of the attachment type.	NOT NULL	VARCHAR2(120)
4	EFFECTIVE_DATE The date this attachment type is available for use in the ECAS application.	NOT NULL	DATE
5	EXPIRY_DATE The date this attachment type is no longer available for use in the ECAS application.	NOT NULL	DATE
6	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: APPRAISAL_ENTRY_FIELD*Description:*

The APPRAISAL ENTRY FIELD allows for the identification of the required entry fields for an APPRAISAL ENTRY TEMPLATE.

Each TEMPLATE may be comprised of one or more FIELDS.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	ADS_ENTRY_TEMPLATE_ID Unique identifier for an APPRAISAL ENTRY TEMPLATE. Sequence Based	NOT NULL	NUMBER(6,0)
* 20	ADS_ENTRY_FIELD_ID Unique identifier for the APPRAISAL ENTRY FIELD. Sequence Number generated.	NOT NULL	NUMBER(6,0)
30	FIELD_NAME The Name of the field to be included.	NOT NULL	VARCHAR2(30)
40	VISIBLE_INDICATOR Indicator of whether or not the field is visible on the page.	NOT NULL	VARCHAR2(1)
50	EFFECTIVE_DATE Identifies the date the fields was added to the template or that it is available for use in the entry template.	NOT NULL	DATE
60	DISPLAY_LABEL The display label to be used with the field. This is optional as there may be some fields displayed in a group without the label.	NULL	VARCHAR2(30)
70	EXPIRY_DATE The date the field is no longer required for use on the template.	NULL	DATE
80	REVISION_COUNT A counter used to indicate how many times an entry has been modified. Used by the web pages to indicate if the data has been modified since last retrieved.	NOT NULL	NUMBER(5,0)
90	ENTRY_USERID The userid of the resource who created the data.	NOT NULL	VARCHAR2(30)
100	ENTRY_TIMESTAMP The date and time the data was created.	NOT NULL	DATE
110	UPDATE_USERID The userid of the resource who last modified the data.	NOT NULL	VARCHAR2(30)
120	UPDATE_TIMESTAMP The date and time the data was last modified.	NOT NULL	DATE

Foreign Keys:

AEF_AET_FK

ADS_ENTRY_TEMPLATE_ID = APPRAISAL_ENTRY_TEMPLATE.ADS_ENTRY_TEMPLATE_ID

Indexes:

AEF_AET_FK_I

ADS_ENTRY_TEMPLATE_ID

Table: APPRAISAL_ENTRY_TEMPLATE*Description:*

The APPRAISAL ENTRY TEMPLATE allows for the dynamic creation of the Appraisal entry pages. By allowing the System Administrator to identify which fields are displayed or not based on business rules, the pages requiring entry can be dynamically created.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ADS_ENTRY_TEMPLATE_ID Unique identifier for an APPRAISAL ENTRY TEMPLATE. Sequence Based	NOT NULL	NUMBER(6,0)
2	APPRAISAL_METHOD_CODE The unique code to identify the type of submission being created by the Licensee RPF.	NOT NULL	VARCHAR2(1)
3	APPRAISAL_PAGE_CODE A means of identifying the page the template is for: Acknowledgement Reference Log Grade Tree to Truck Log Transportation Water Transportation Administration Cost Estimates Development Development - New construction - Drainage Structures Operating Cost Development - Tabular Roads Development - Reconstruction and Replacement SBFEP Silviculture Road Use Change Cutblock Blending Least Cost Assessment Control Sheet	NOT NULL	VARCHAR2(10)
4	APPRAISAL_PAGE_NAME	NOT NULL	VARCHAR2(120)
5	REVISION_COUNT The counter used to identify how many times this entry has been modified.	NOT NULL	NUMBER(5,0)
6	ENTRY_USERID The userid of the resource who added/created the data.	NOT NULL	VARCHAR2(30)
7	ENTRY_TIMESTAMP The date and time the data was added.	NOT NULL	DATE
8	UPDATE_USERID The userid of the resource who last modified the data.	NOT NULL	VARCHAR2(30)
9	UPDATE_TIMESTAMP The date and time the data was last modified.	NOT NULL	DATE

Foreign Keys:

AET_AMCD_FK
APPRAISAL_METHOD_CODE = APPRAISAL_METHOD_CODE.APPRAISAL_METHOD_CODE

Indexes:

AET_AMCD_FK_I
APPRAISAL_METHOD_CODE

Table: APPRAISAL_HARVEST_METHOD_CODE*Description:*

The HARVEST METHOD CODE entity contains the values required to identify the various methods that the trees may be harvested by.

This includes: Conventional Grapple, overhead highlead, overhead skyline, helicopter, and horse.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APPRAISAL_HARVEST_METHOD_CODE The unique identifier for the method by which the trees are being harvested.	NOT NULL	VARCHAR2(2)
2	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date on which the code value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the code value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time when the code value was last modified.	NOT NULL	DATE

Table: APPRAISAL_LOG_DUMP_LOCN_CODE*Description:*

The BC Locations that are considered to be Coast Log Dumps.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APPRAISAL_LOG_DUMP_LOCN_CODE The unique code to identify a coastal log dump location.	NOT NULL	VARCHAR2(4)
5	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
10	EFFECTIVE_DATE The date after which the value is available for use.	NOT NULL	DATE
15	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
20	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: APPRAISAL_METHOD_CODE*Description:*

The type of Appraisal Data Submission being sent in.
May be Interior or Coastal.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APPRAISAL_METHOD_CODE	NOT NULL	VARCHAR2(1)
	The unique code to identify the type of submission being created by the Licensee RPF.		
2	DESCRIPTION	NOT NULL	VARCHAR2(120)
	The full description of the code value.		
3	EFFECTIVE_DATE	NOT NULL	DATE
	The date after which the value is available for use.		
4	EXPIRY_DATE	NOT NULL	DATE
	The date after which the value is no longer available for use.		
5	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time the value was last modified.		

Table: APPRAISAL_ROAD_TYPE_CODE*Description:*

For INTERIOR APPRAISAL DATA SUBMISSIONS this code list identifies the type of road being constructed to support the appraisal.

Values include: B - Block
W - Winter

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APPRAISAL_ROAD_TYPE_CODE The unique code value for the type of road being constructed.	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The full description of the road type.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date on which this value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATED_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: APPRAISAL_SELL_PRICE_ZONE_CODE**Description:**

This entity contains the valid Selling Price Zones for Coast Appraisals.

These include:

51 Mature Timber

52 Immature Timber

53 Spruce within the Pemberton, Yale or Nahatlatch TSBs

54 Douglas-fir on the Gulf Islands (Texada, Lasqueti, Denman, Hornby and Southern Gulf Islands)

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APPRAISAL_SELL_PRICE_ZONE_CODE The unique identifier for the selling price zone. <i>2002/12/04 LAS: Renamed to APPRAISAL SELL PRICE CODE due to subset requirement</i>	NOT NULL	VARCHAR2(2)
2	DESCRIPTION The full description of the value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date on which the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the code is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Notes:

2002/12/04 LAS: Renamed to APPRAISAL SELL PRICE CODE due to subset requirement

Table: APPRAISAL_SELL_PRICE_ZONE_XREF*Description:*

Appraisal sell price zone cross reference table.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	APPRAISAL_SELL_PRICE_ZONE The unique identifier for the selling price zone.	NOT NULL	VARCHAR2(2)
* 20	POINT_OF_APPRAISAL_CODE The locations within the Province that are identified as appraisal points. Will be created through the use of the PT_OF_APPRAISAL_ST subsets from the CODE_LIST_TABLE.	NOT NULL	VARCHAR2(4)
* 30	APPRAISAL_METHOD_CODE The type of Appraisal Data Submission being sent in. May be Interior or Coastal.	NOT NULL	VARCHAR2(1)
40	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
50	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(30)
60	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
70	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(30)
80	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

ASPZX_AMCD_FK
APPRAISAL_METHOD_CODE = APPRAISAL_METHOD_CODE.APPRAISAL_METHOD_CODE

ASPZX_POAC_FK
POINT_OF_APPRAISAL_CODE = POINT_OF_APPRAISAL_CODE.POINT_OF_APPRAISAL_CODE

ASPZX_SPZC_FK
APPRAISAL_SELL_PRICE_ZONE =
APPRAISAL_SELL_PRICE_ZONE_CODE.APPRAISAL_SELL_PRICE_ZONE_CODE

Notes:

Created by RNanton for CR17, Oct 28/2003.

Table: APPRAISAL_STATUS_CODE*Description:*

The status of the APPRAISAL Data Submission within ECAS and for two statuses in GAS.

Includes:

DRAFT

SUBMITTED

RECEIVED

RETURNED

ACCEPTED

APPROVED

Determined/Confirmed (GAS)

Replaced (GAS)

Access to the data is based on the status of the file.

These codes will be a subset of the existing STATUS_CODE

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APPRAISAL_STATUS_CODE The code value representing the status of the file. Must be unique.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date this code becomes available for use by the system.	NOT NULL	DATE
4	EXPIRY_DATE The date the code value is no longer available for use by the system.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: APPRSL_CERTIFICATION_TYPE_CODE*Description:*

An indication of whether the RPF has certified that they supervised the submitted appraisal or simply reviewed it.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APPRSL_CERTIFICATION_TYPE_CODE A unique code to identify the certification type indicated by the RPF.	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: APPR_CST_HARVEST_METHOD_CODE*Description:*

The HARVEST METHOD CODE entity contains the values required to identify the various methods that the trees may be harvested by.

This includes: Conventional Grapple, overhead highlead, overhead skyline, helicopter, and horse.

This entity contains only those values valid for Coast Appraisals.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	APPRAISAL_HARVEST_METHOD_CODE	NOT NULL	VARCHAR2(2)
	The unique identifier for the method by which the trees are being harvested.		
20	DESCRIPTION	NOT NULL	VARCHAR2(120)
	The full description of the code value.		
30	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the code value is available for use.		
40	EXPIRY_DATE	NOT NULL	DATE
	The date after which the code value is no longer available for use.		
50	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time when the code value was last modified.		

Notes:

2002/12/06 LAS: Added to support differences between coast and interior harvest method codes

Table: APPR_CST_SELL_PRICE_ZONE_CODE**Description:**

This entity contains the valid Selling Price Zones for Coast Appraisals.

These include:

51 Mature Timber

52 Immature Timber

53 Spruce within the Pemberton, Yale or Nahatlatch TSBs

54 Douglas-fir on the Gulf Islands (Texada, Lasqueti, Denman, Hornby and Southern Gulf Islands)

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	APPRAISAL_SELL_PRICE_ZONE_CODE The unique identifier for the selling price zone. <i>2002/12/04 LAS: Renamed to APPRAISAL_SELL_PRICE_CODE due to subset requirement</i>	NOT NULL	VARCHAR2(2)
20	DESCRIPTION The full description of the value.	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date on which the value is available for use.	NOT NULL	DATE
40	EXPIRY_DATE The date after which the code is no longer available for use.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Notes:

2002/12/06 LAS: Created to show just Coast subset of APPRAISAL_SELL_PRICE_CODE

Table: APPR_INT_HARVEST_METHOD_CODE*Description:*

The HARVEST METHOD CODE entity contains the values required to identify the various methods that the trees may be harvested by.

This includes: Conventional Grapple, overhead highlead, overhead skyline, helicopter, and horse.

This entity contains only those values valid for Interior Appraisals.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	APPRAISAL_HARVEST_METHOD_CODE	NOT NULL	VARCHAR2(2)
	The unique identifier for the method by which the trees are being harvested.		
20	DESCRIPTION	NOT NULL	VARCHAR2(120)
	The full description of the code value.		
30	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the code value is available for use.		
40	EXPIRY_DATE	NOT NULL	DATE
	The date after which the code value is no longer available for use.		
50	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time when the code value was last modified.		

Notes:

2002/12/06 LAS: Added to support differences between coast and interior harvest method codes

Table: APPR_INT_SELL_PRICE_ZONE_CODE**Description:**

This entity contains the valid Selling Price Zones for Interior Appraisals.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	APPRAISAL_SELL_PRICE_ZONE_CODE The unique identifier for the selling price zone. <i>2002/12/04 LAS: Renamed to APPRAISAL_SELL_PRICE_CODE due to subset requirement</i>	NOT NULL	VARCHAR2(2)
20	DESCRIPTION The full description of the value.	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date on which the value is available for use.	NOT NULL	DATE
40	EXPIRY_DATE The date after which the code is no longer available for use.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Notes:

2002/12/04 LAS: Renamed to APPRAISAL_SELL_PRICE_CODE due to subset requirement

Table: APP_BSILV_M3TBL*Description:*

CONTAINS THE BASIC SILVICULTURE COST ESTIMATE PER CUBIC METRE, ACCORDING TO EFFECTIVE DATE AND FOREST DISTRICT, FOR COAST APPRAISAL WORKSHEETS; AND BGC_ZONE, BGC_SUBZONE, AND BGC_VARIANT FOR INTERIOR WORKSHEETS.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
1	GEOGRAPHIC_DISTRICT	NOT NULL	NUMBER(10,0)
6	BGC_ZONE	NOT NULL	VARCHAR2(4)
11	BGC_SUBZONE	NOT NULL	VARCHAR2(3)
16	BGC_VARIANT	NOT NULL	VARCHAR2(1)
21	COMMITTED_IND	NOT NULL	VARCHAR2(1)
26	BASIC_SILV_CST_M3	NOT NULL	NUMBER(6,2)
31	EFFECTIVE_DATE	NOT NULL	DATE

Unique Constraints:

ABM_UK
GEOGRAPHIC_DISTRICT
BGC_ZONE
BGC_SUBZONE
BGC_VARIANT
EFFECTIVE_DATE

Table: APP_CONIFEROUS_SPECIES_CODE*Description:*

The subset of coniferous tree species.

Pulled from the existing SBH_CONIFEROUS subset.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	APP_CONIFEROUS_SPECIES_CODE The HDBS Tree Species code value.	NOT NULL	VARCHAR2(2)
20	DESCRIPTION The full description of the coniferous species	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
40	EXPIRY_DATE The date the value is no longer available for use.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: APP_DSB_CST_TBL*Description:*

The cost estimates for sort costs related to dump, sort, boom, scale and re-load from dryland sorts for Remote or Non-Remote Operations. The cost allowances are for Barging or Towing conditions.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	WATER_TRANSPORT_CD A code describing the type of water transportation used. Valid values are 'BARGE' and 'TOWING'.	NOT NULL	VARCHAR2(1)
* 2	EFFECTIVE_DATE The date on which the dump, sort, boom and scale cost becomes effective.	NOT NULL	DATE
* 3	REMOTENESS_IND A flag to indicate that this is a remote operation.	NOT NULL	VARCHAR2(1)
4	DMP_SRT_BM_CST_M3 The cost for dumping, sorting, booming and scaling of the logs based on the point of origin.	NOT NULL	NUMBER(5,2)
5	COMMITTED_IND An indication as to whether or not the associated dump, sort, and boom cost record has been reviewed and approved.	NOT NULL	VARCHAR2(1)

Table: APP_SUPPORT_CENTRE_CODE*Description:*

The Appraisal Support Centre entity contains the subset of location points which are used to support interior Tree To Truck transportation.

This entity will contains the values contained within the app_supp_centre_st code_subset_tbl.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APP_SUPPORT_CENTRE_CODE The unique code of the location point which is providing support to the appraisal.	NOT NULL	VARCHAR2(4)
2	DESCRIPTION The full description of the location.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: APP_TTT_RCST_TB*Description:*

The additional cost of remote operations that may be incurred to harvest a tree and load it onto a logging truck, ready for transport to a point of origin.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	REMOTENESS_IND A flag to indicate that this a remote operation.	NOT NULL	VARCHAR2(1)
* 20	EFFECTIVE_DATE The date on which the remote costs become effective.	NOT NULL	DATE
30	REMOTE_COST_M3 The cost of remote operations per cubic metre.	NOT NULL	NUMBER(5,2)
40	COMMITTED_IND An indication as to whether or not the associated tree to truck remote cost record has been reviewed and approved.	NOT NULL	VARCHAR2(1)

Table: APP_WTR_CST_TBL*Description:*

The cost estimate for water transportation rate for an appraisal. Average cost estimates (both barging and towing) from specific points of origin.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PT_OF_APPRAISAL_ST A code representing the geographic location where the appraised cost estimating ends. This code is a subtable of the BC Location Code in code list.	NOT NULL	VARCHAR2(4)
* 2	PT_OF_ORIGIN_ST The code representing geographic locations where logs are off loaded from trucks for water transportation. This code is a subtable of the BC Location Code in code list.	NOT NULL	VARCHAR2(4)
* 3	EFFECTIVE_DATE The date on which the water transportation cost becomes effective.	NOT NULL	DATE
4	WATER_TRANSPORT_CD A code representing the type of water transportation used. Valid values are 'B' (Barge) and 'T' (Towing).	NOT NULL	VARCHAR2(1)
5	WATER_TRNSP_CST_M3 Costs per cubic metre for both barging and towing from specific points of origin for an appraisal.	NOT NULL	NUMBER(5,2)
6	COMMITTED_IND An indication as to whether or not the associated water transportation cost record has been reviewed and approved.	NOT NULL	VARCHAR2(1)

Table: BANK_HEIGHT_CATEGORY_CODE*Description:*

The uphill cut bank height categories used to estimate coastal road construction costs for stumpage appraisal.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BANK_HEIGHT_CATEGORY_CODE The uphill cut bank height categories used to estimate coastal road construction costs for stumpage appraisal.	NOT NULL	VARCHAR2(4)
2	DESCRIPTION The full name of the cut bank category	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Notes:

BM - Added Aug 21, 2006

Table: BCTS_SALE_TYPE_CODE*Description:*

The type of BC Timber Sale the appraisal is being created under.
May be Direct, Bid Proposal, or Sealed Tender.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BCTS_SALE_TYPE_CODE The unique identifier for the type of timber sale conducted. D - direct B - Bid Proposal S - Sealed Tender	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The full description of the type of BC Timber Sale.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value becomes available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: BEC_CODE_TABLE*Description:*

For INTERIOR APPRAISAL DATA SUBMISSIONS, identifies the BEC ZONE in which the road is being built. The Biogeoclimatic Ecosystem Classification (BEC) table contains the complete set of valid combinations of biogeoclimatic Zone, Subzone, Variant and Phase. Any other combinations are not valid.

"Undefined Subzones" (code un) are indicated in the provincial digital BEC map with a third letter indicating the Forest Region they occur in.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BEC_CODE_ID Unique identifier for biogeoclimatic unit code.	NOT NULL	NUMBER(5,0)
2	BGC_ZONE_CODE A code used to designate a large geographic area having similar patterns of energy flow, vegetation, and soils as a result of a broad, homogeneous macroclimate. Biogeoclimatic Zones are unique within the province of British Columbia.	NOT NULL	VARCHAR2(4)
3	BGC_SUBZONE_CODE A code used to designate a division of a specific biogeoclimatic Zone; a geographic area with a fairly uniform regional climate and a typical pattern of vegetation and soils. Subzones are not unique. They are only meaningful in conjunction with a Zone.	NOT NULL	VARCHAR2(3)
4	VARIANT A one digit number used to denote a division of a specific biogeoclimatic subzone; A geographic area within a more specific regional climate. A variant has a specific pattern of vegetation and soils. Variants are only meaningful within a Zone and Subzone.	NULL	VARCHAR2(1)
5	PHASE A one character code used to denote an atypical area, resulting from local relief, in the regional climate of the subzones and variants. Phases are not unique. They only have meaning in combination with a specific Zone, Subzone and Variant.	NULL	VARCHAR2(1)
6	ZONE_NAME A descriptive name given to a large geographic area having similar patterns of energy flow, vegetation, and soils as a result of a broad, homogeneous macroclimate. Zone names describe the major vegetation contained within the zone.	NOT NULL	VARCHAR2(35)
7	SUBZONE_NAME A descriptive name given to a division of the biogeoclimatic zone. Subzone names define the normal regional climate for the division of a biogeoclimatic zone.	NOT NULL	VARCHAR2(35)
8	VARIANT_NAME A descriptive name given to a division of the biogeoclimatic subzone. Variant names usually denote a location within the biogeoclimatic subzone (e.g. Eastern or Okanagan areas within a subzone).	NULL	VARCHAR2(20)
9	PHASE_NAME A descriptive name given to an atypical area, resulting from local relief, in the regional climate of the subzones and variants. Phases may denote a different type of vegetation (e.g. grassland within a Douglas Fir subzone), a difference in climatic conditions (e.g. Cold Air), etc.	NULL	VARCHAR2(15)
10	NOTES A comment on the Zone, Subzone, Variant, or Phase.	NULL	VARCHAR2(72)
110	EFFECTIVE_DATE The date that this entry is effective.	NULL	DATE
120	EXPIRY_DATE The date that this entry is/becomes expired.	NULL	DATE
130	UPDATE_USERID The userid of the person who last updated the entry.	NULL	VARCHAR2(30)
140	UPDATE_TIMESTAMP The date and time that this entry was last updated.	NULL	DATE

Unique Constraints:

I1\$_BEC_CODE_TABLE
 VARIANT
 PHASE
 BGC_ZONE_CODE
 BGC_SUBZONE_CODE

Table: BRIDGE_TYPE_CODE*Description:*

Code values to identify the type of bridge being built or rebuilt for the appraisal.

Values: L - Log

P - Permanent or Portable.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BRIDGE_TYPE_CODE The unique code used to identify the type of bridge being constructed.	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The full description of the bridge type.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the code becomes available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the code is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

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:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CLIENT_NUMBER Sequentially assigned number to identify a ministry client.	NOT NULL	VARCHAR2(8)
* 2	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)
3	CLIENT_LOCN_NAME Restricted for identifying corporate division names and joint venture names. Other comments are INVALID.	NULL	VARCHAR2(40)
4	HDBS_COMPANY_CODE The identifier used as the key to the name and address table in the Harvest Database System. It is maintained in this system as a cross-reference to the name and address file.	NULL	VARCHAR2(5)
5	ADDRESS_1 The first line of the client's address.	NOT NULL	VARCHAR2(40)
6	ADDRESS_2 The second line of the client's address.	NULL	VARCHAR2(40)
7	ADDRESS_3 The third line of the client's address.	NULL	VARCHAR2(40)
8	CITY Town or City name of the client's address.	NOT NULL	VARCHAR2(30)
9	PROVINCE Province or State of the client's address.	NULL	VARCHAR2(50)
10	POSTAL_CODE Code used by Canadian Federal Government Postal System; may also contain an American Zip Code or another country's postal code.	NULL	VARCHAR2(10)
11	COUNTRY The country in which the client is located.	NOT NULL	VARCHAR2(50)
12	BUSINESS_PHONE Client's business telephone number and area code.	NULL	VARCHAR2(10)
13	HOME_PHONE Client's Home telephone number and area code.	NULL	VARCHAR2(10)
14	FAX_NUMBER Area code and Fax number for the client location.	NULL	VARCHAR2(10)
15	LOCN_EXPIRED_IND Identifies a previous address for a client which should not be used for any future purposes.	NOT NULL	VARCHAR2(1)
16	RETURNED_MAIL_DATE The date when the Ministry receives returned mail for this client location address.	NULL	DATE
17	UPDATE_TIMESTAMP The date and time of the last update.	NOT NULL	DATE
18	UPDATE_USERID The userid of the individual who last updated this information.	NOT NULL	VARCHAR2(30)
19	UPDATE_ORG_UNIT The organizational unit number of the user who added this record or last updated the information.	NOT NULL	NUMBER(10)
20	ADD_TIMESTAMP The date and time on which the entry was created.	NOT NULL	DATE
21	ADD_USERID The userid of the individual performing the entry.	NOT NULL	VARCHAR2(30)
22	ADD_ORG_UNIT The organizational unit number of the user who added this record.	NOT NULL	NUMBER(10,0)
23	CLI_LOCN_COMMENT Text for the comment on the client location.	NULL	VARCHAR2(4000)

Table: CLIENT_LOCATION (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
165	CELL_PHONE Client's business cell phone number and area code.	NULL	VARCHAR2(10)
180	EMAIL_ADDRESS Client's email address for this location.	NULL	VARCHAR2(128)
220	TRUST_LOCATION_IND Indicates a location to which funds held in trust will be returned to.	NOT NULL	VARCHAR2(1)
300	REVISION_COUNT Number of times updated	NOT NULL	NUMBER(5)

Foreign Keys:

CL_FC_FK
CLIENT_NUMBER = FOREST_CLIENT.CLIENT_NUMBER

Indexes:

CL_FC_FK_I
CLIENT_NUMBER
I\$1_CLIENT_LOCATION
HDBS_COMPANY_CODE

Table: COAST_POINT_OF_APPRAISAL_CODE*Description:*

The Point of Appraisal Code subset that is used for Coast Appraisals.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	POINT_OF_APPRAISAL_CODE The unique location point from the BC_LOCATION_CODE group that is identifies as a point of appraisal for either Interior Appraisal Methods or Coast.	NOT NULL	VARCHAR2(4)
20	DESCRIPTION The full name of the appraisal location.	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
40	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: CONSTRUCTION_CATEGORY_CODE*Description:*

The CONSTRUCTION CATEGORY CODE identifies the type of construction used for a TABULAR ROAD or ROAD RECONSTRUCTION or END HAUL.

Examples include:

1 - 0% Rock

2 - 1-12% Rock

3 - 13-37% Rock

4 - 38-62% Rock

5 - 63-87% Rock

6 - 88+% Rock

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CONSTRUCTION_CATEGORY_CODE Unique identifier for the Category code.	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The full description of the construction category value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date on which this value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: CUT_BLOCK*Description:*

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

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 5	CB_SKEY The unique identifier for a cut block.	NOT NULL	NUMBER(10)
6	FOREST_FILE_ID File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.	NOT NULL	VARCHAR2(10)
7	CUTTING_PERMIT_ID Identifier for a cutting permit associated with a quota type tenure.	NULL	VARCHAR2(3)
8	CUT_BLOCK_ID Identifier for a cut block of a harvesting tenure (within a cutting permit for tenures with cp's).	NOT NULL	VARCHAR2(10)
9	TIMBER_MARK	NULL	VARCHAR2(10)
10	BLOCK_STATUS_ST The current status of the operational harvesting area, eg., Pending - Planned, Harvesting - Suspended. This is a subset of Timber_status_code.	NOT NULL	VARCHAR2(3)
11	BLOCK_STATUS_DATE The date on which the current cut block status was set.	NULL	DATE
20	HVA_SKEY The unique identifier for the harvesting authority.	NULL	NUMBER(10)
33	SP_EXEMPT_IND Only set to 'Y' for 'Exemption for silviculture Prescriptions' under sec. 30 of the Forest Practices Code of British Columbia Act, eg cut blocks under one hectare, or the use of the land will be incompatible with the establishment of a free growing stand.	NOT NULL	VARCHAR2(1)
34	UPDATE_TIMESTAMP The timestamp of the last update to the cut block information.	NOT NULL	DATE
35	UPDATE_USERID The userid of the person who performed the last update to the information.	NOT NULL	VARCHAR2(30)
90	CUT_BLOCK_DESCRIPTION Description of the cut block	NULL	VARCHAR2(120)
140	CUT_REGULATION_CODE	NULL	VARCHAR2(1)
160	REFOREST_DECLARE_TYPE_CODE	NULL	VARCHAR2(3)
180	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
190	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(30)
200	ENTRY_TIMESTAMP Timestamp when the event information was entered.	NOT NULL	DATE

Unique Constraints:

CBLK_CUT_BLOCK__UK_UK
TIMBER_MARK
CUT_BLOCK_ID
I1\$_CUT_BLOCK
TIMBER_MARK
CUT_BLOCK_ID

Foreign Keys:

CBLK_TM_FK
TIMBER_MARK = TIMBER_MARK.TIMBER_MARK

Indexes:

CBLK_TM_FK_I
TIMBER_MARK
I2\$_CUT_BLOCK
TIMBER_MARK

Table: CUT_BLOCK (cont'd)*Indexes:*

CUT_BLOCK_ID

Table: C_CLVRT_CST_TBL*Description:*

The cost estimate to install a circular culvert.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
1	COMMITTED_IND An indication as to whether or not the tabulated circular culvert cost entry has been reviewed and approved.	NOT NULL	VARCHAR2(1)
2	CLVRT_COST_EST The cost estimate to install the indicated diameter of culvert pipe.	NOT NULL	NUMBER(10,0)
* 3	APPRAISAL_MTHD_CD A code indicating the method of calculating the stumpage rates for the appraisal. Valid values are 'C' = Coast and 'I' = Interior.	NOT NULL	VARCHAR2(1)
* 4	EFFECTIVE_DATE The date on which the associated culvert cost becomes effective.	NOT NULL	DATE
* 5	CIRC_PIPE_DIAMETR The diameter of a metal circular pipe culvert expressed in meters.	NOT NULL	NUMBER(3,1)
* 6	CIRC_PIPE_LENGTH The length in metres of the culvert to be installed.	NOT NULL	NUMBER(5,0)

Table: ECAS02_AUDIT_SEARCH*Description:*

A Global Temporary Table used for the ECAS02 page.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
10	ECAS_ID	NULL	VARCHAR2(12)
20	TIMBER_MARK	NULL	VARCHAR2(6)
30	LICENCE	NULL	VARCHAR2(10)
40	CUTTING_PERMIT	NULL	VARCHAR2(3)
50	APPRAISAL_TYPE	NULL	VARCHAR2(1)
60	EFFECTIVE_DATE	NULL	VARCHAR2(10)
70	EXPIRY_DATE	NULL	VARCHAR2(10)
80	LICENSEE_SUBMITTED_DATE	NULL	VARCHAR2(10)
90	DISTRICT_RECEIVED_DATE	NULL	VARCHAR2(10)
100	REGION_RECEIVED_DATE	NULL	VARCHAR2(10)

Table: ECAS05_INBOX_SEARCH*Description:*

Temporary table used for the ECAS Inbox search screen

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
10	ECAS_ID	NULL	VARCHAR2(12)
20	APPRAISAL_METHOD_CODE	NULL	VARCHAR2(1)
30	TIMBER_MARK	NULL	VARCHAR2(6)
40	LICENCE	NULL	VARCHAR2(10)
50	CUTTING_PERMIT	NULL	VARCHAR2(3)
60	APPRAISAL_STATUS	NULL	VARCHAR2(120)
65	APPRAISAL_STATUS_DATE	NULL	VARCHAR2(10)
70	APPRAISAL_STATUS_CODE	NULL	VARCHAR2(3)
80	APPRAISAL_TYPE	NULL	VARCHAR2(120)
90	EFFECTIVE_DATE	NULL	VARCHAR2(10)
100	EXPIRY_DATE	NULL	VARCHAR2(10)
110	LICENSEE_SUBMITTED_DATE	NULL	VARCHAR2(10)
120	DISTRICT_RECEIVED_DATE	NULL	VARCHAR2(10)
125	SENT_TO_REGION_DATE	NULL	VARCHAR2(10)
140	UPDATE_TIMESTAMP	NULL	VARCHAR2(10)
150	MULTI_TIMBER_MARKS_IND	NULL	VARCHAR2(1)
160	CLIENT_NUMBER	NULL	VARCHAR2(8)
170	CLIENT_LOCN_CODE	NULL	VARCHAR2(2)
180	CLIENT_NAME	NULL	VARCHAR2(100)
190	REVISION_COUNT	NULL	NUMBER(5,0)

Notes:

2005-10-27 B.Macpherson - Removed REGION_RECEIVED_DATE. Added APPRAISAL_STATUS_DATE and SENT_TO_REGION_DATE.

Table: ECAS44_COAST_GRADE_PCT*Description:*

A Global Temporary Table used for the ECAS44 page.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
10	DESCRIPTION	NULL	VARCHAR2(120)
20	ONE	NULL	NUMBER(3,0)
30	REVISION_ONE	NULL	NUMBER(3,0)
40	TWO	NULL	NUMBER(3,0)
50	REVISION_TWO	NULL	NUMBER(3,0)
60	THREE	NULL	NUMBER(3,0)
70	REVISION_THREE	NULL	NUMBER(3,0)
80	FOUR	NULL	NUMBER(3,0)
90	REVISION_FOUR	NULL	NUMBER(3,0)
100	FIVE	NULL	NUMBER(3,0)
110	REVISION_FIVE	NULL	NUMBER(3,0)
120	SIX	NULL	NUMBER(3,0)
130	REVISION_SIX	NULL	NUMBER(3,0)
140	A	NULL	NUMBER(3,0)
150	REVISION_A	NULL	NUMBER(3,0)
160	B	NULL	NUMBER(3,0)
170	REVISION_B	NULL	NUMBER(3,0)
180	C	NULL	NUMBER(3,0)
190	REVISION_C	NULL	NUMBER(3,0)
200	D	NULL	NUMBER(3,0)
210	REVISION_D	NULL	NUMBER(3,0)
220	E	NULL	NUMBER(3,0)
230	REVISION_E	NULL	NUMBER(3,0)
240	F	NULL	NUMBER(3,0)
250	REVISION_F	NULL	NUMBER(3,0)
260	G	NULL	NUMBER(3,0)
270	REVISION_G	NULL	NUMBER(3,0)
280	H	NULL	NUMBER(3,0)
290	REVISION_H	NULL	NUMBER(3,0)
300	I	NULL	NUMBER(3,0)
310	REVISION_I	NULL	NUMBER(3,0)
320	J	NULL	NUMBER(3,0)
330	REVISION_J	NULL	NUMBER(3,0)
340	K	NULL	NUMBER(3,0)
350	REVISION_K	NULL	NUMBER(3,0)
360	L	NULL	NUMBER(3,0)
370	REVISION_L	NULL	NUMBER(3,0)
380	M	NULL	NUMBER(3,0)
390	REVISION_M	NULL	NUMBER(3,0)
400	U	NULL	NUMBER(3,0)
410	REVISION_U	NULL	NUMBER(3,0)
420	X	NULL	NUMBER(3,0)
430	REVISION_X	NULL	NUMBER(3,0)
440	Y	NULL	NUMBER(3,0)
450	REVISION_Y	NULL	NUMBER(3,0)
460	Z	NULL	NUMBER(3,0)
470	REVISION_Z	NULL	NUMBER(3,0)
480	NET_CRUISE_VOLUME	NULL	NUMBER(7,0)
490	GRADE_SOURCE_CODE	NULL	VARCHAR2(8)

Table: ECAS84_USER_SEARCH*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
10	USER_ID	NULL	VARCHAR2(30)
20	LAST_NAME	NULL	VARCHAR2(40)
30	FIRST_NAME	NULL	VARCHAR2(40)
40	PHONE_NUMBER	NULL	VARCHAR2(13)
50	EMAIL_ADDRESS	NULL	VARCHAR2(128)
60	CLIENT_NUMBER	NULL	VARCHAR2(8)
70	CLIENT_LOCN_CODE	NULL	VARCHAR2(2)
80	RPF_IND	NULL	VARCHAR2(1)
90	CLIENT_ADMINISTRATOR_IND	NULL	VARCHAR2(1)
100	MIDDLE_INITIAL	NULL	VARCHAR2(1)
110	CLIENT_NAME	NULL	VARCHAR2(60)
120	ORG_UNIT_NO	NULL	NUMBER(10,0)
130	ORG_UNIT_NAME	NULL	VARCHAR2(110)
140	REPORTS_TO_DISTRICT	NULL	VARCHAR2(30)
150	REPORTS_TO_REGION	NULL	VARCHAR2(30)
160	MULTI_USER_IND_DISTRICT	NULL	VARCHAR2(1)
170	MULTI_USER_IND_REGION	NULL	VARCHAR2(1)
175	RFT_IND	NULL	VARCHAR2(1)

Table: ECAS_ACTION_CODE*Description:*

The type of event which may be recorded in the ECAS application system.

Include such things as: Import
Update
Submit
Approve
Delete
Validate
EMail
Exception

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ACTION_CODE The unique code used to identify the event type.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION The full description of the value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The first date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: ECAS_ADMIN_CLIENT*Description:*

The ECAS ADMIN CLIENT entity allows for the assignment of a client to an ECAS ADMINISTRATION entry.

One District Appraisal Officer may be responsible for receiving and accepting one or more CLIENT LOCATION files.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	USER_ID The unique identifier (logon account name) for a user accessing the ministry of forests computer environment.	NOT NULL	VARCHAR2(30)
* 20	CLIENT_NUMBER Sequentially assigned number to identify a ministry client.	NOT NULL	VARCHAR2(8)
* 30	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)
40	DISTRICT_REP_IND A yes/no indication to identify if the MOF USER is the district representative for this client location	NOT NULL	VARCHAR2(1)
50	REGION_REP_IND A yes/no indication of if the MOF USER is the Regional Representative for this client location	NOT NULL	VARCHAR2(1)
60	EFFECTIVE_DATE The date the assignment started.	NOT NULL	DATE
70	EXPIRY_DATE The date after which this resource is no longer doing work for this client location.	NOT NULL	DATE
80	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
90	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
100	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
110	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
120	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

EAC_CL_FK

CLIENT_NUMBER = CLIENT_LOCATION.CLIENT_NUMBER

CLIENT_LOCN_CODE = CLIENT_LOCATION.CLIENT_LOCN_CODE

EAC_MU_FK

USER_ID = MOF_USER.USER_ID

Indexes:

EAC_CL_FK_I

CLIENT_NUMBER

CLIENT_LOCN_CODE

EAC_MU_FK_I

USER_ID

Table: ECAS_ADMIN_NOTIFICATION*Description:*

The ECAS ADMIN NOTIFICATION entity allows for the assignment of a org unit to a MOF USER entry.
One Region Appraisal Officer may be responsible for receiving submissions from one or more District.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	USER_ID The unique identifier (logon account name) for a user accessing the ministry of forests computer environment.	NOT NULL	VARCHAR2(30)
* 20	ORG_UNIT_NO Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(10,0)
30	EFFECTIVE_DATE The date the assignment started.	NOT NULL	DATE
40	EXPIRY_DATE The date after which this resource is no longer doing work for this client location.	NOT NULL	DATE
50	REVISION_COUNT A count of the number of times an entry in the entity has been modified. Used to validate if the current information displayed on a user's web browser is the most current.	NOT NULL	NUMBER(5,0)
60	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(80)
70	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
80	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(80)
90	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

EAN_MU_FK
USER_ID = MOF_USER.USER_ID
EAN_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

EAN_MU_FK_I
USER_ID
EAN_OU_FK_I
ORG_UNIT_NO

Notes:

2005-10-27 B.Macpherson - Added

Table: ECAS_AUDIT_COMMENT*Description:*

A data file submitted to the ministry to create in support of the action audited

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 5	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 6	AUDIT_EVENT_ID The unique identifier for the AUDIT EVENT. Created through the use of a sequence number.	NOT NULL	NUMBER(12,0)
8	AUDIT_COMMENT An open comment field used when the status of the APPRAISAL DATA SUBMISSION changes to allow the Licensee, RPF, District Office or Regional Office to add notes on the file. Will include the notes entered by the District or Region or the errors that were encountered during validation.	NOT NULL	CLOB

Foreign Keys:

EAC1_EAE_FK
 AUDIT_EVENT_ID = ECAS_AUDIT_EVENT.AUDIT_EVENT_ID
 ECAS_ID = ECAS_AUDIT_EVENT.ECAS_ID

Indexes:

EAC1_EAE_FK_I
 AUDIT_EVENT_ID
 ECAS_ID

Table: ECAS_AUDIT_DETAIL*Description:*

Details each of the changes included during an ECAS AUDIT EVENT.
Shows the value of the modified column before and after the change.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	AUDIT_EVENT_ID The unique identifier for the AUDIT EVENT. Created through the use of a sequence number.	NOT NULL	NUMBER(12,0)
* 3	AUDIT_DETAIL_ID The unique identifier for the audit detail entry. Created through a sequence.	NOT NULL	NUMBER(12,0)
4	BUSINESS_IDENTIFIER Business information that identifies the data change audited.	NULL	VARCHAR2(50)
5	TABLE_NAME The name of the data base table that was modified.	NOT NULL	VARCHAR2(30)
6	COLUMN_NAME The name of the column that the data was modified in.	NOT NULL	VARCHAR2(30)
7	OLD_VALUE The type of data that was modified. Would be one of, Character, Date or Number. This attribute will be used to determine which of the value fields contains the prior value of the element modified.	NULL	VARCHAR2(250)
8	NEW_VALUE If the data type was Character, the value of the field before the change.	NULL	VARCHAR2(250)
9	ENTRY_TIMESTAMP The date and time the data change occurred.	NOT NULL	DATE
10	ENTRY_USERID The userid of the person who changed the data.	NOT NULL	VARCHAR2(80)

Foreign Keys:

EAD_EAE_FK
AUDIT_EVENT_ID = ECAS_AUDIT_EVENT.AUDIT_EVENT_ID
ECAS_ID = ECAS_AUDIT_EVENT.ECAS_ID

Indexes:

EAD_EAE_FK_I
AUDIT_EVENT_ID
ECAS_ID

Table: ECAS_AUDIT_EVENT*Description:*

The AUDIT EVENT will identify all activity that has occurred for each APPRAISAL submitted.

An AUDIT EVENT may be created for the import of the Appraisal Data but may not result in the creation of an entry in the APPRAISAL DATA SUBMISSION due to errors.

Audit Events include:

ACTION_CD DESCRIPTION

D DELETE

L UPLOAD

V VALIDATE

E EMAIL

X EXCEPTION

U UPDATE

The event entity will also contain the pointer to the XML file if the submission was electronic.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	AUDIT_EVENT_ID The unique identifier for the AUDIT EVENT. Created through the use of a sequence number.	NOT NULL	NUMBER(12,0)
3	ECAS_SUBMITTED_FILE_ID Sequential number is unique identifier for the submitted file.	NULL	NUMBER(12,0)
4	ECAS_ACTION_CODE The unique code used to identify the event type.	NOT NULL	VARCHAR2(3)
5	ENTRY_TIMESTAMP The date and time the data change occurred.	NOT NULL	DATE
6	ENTRY_USERID The userid of the person who changed the data.	NOT NULL	VARCHAR2(80)
7	EMAIL_SENT_IND A yes/no indication of whether or not a required email has been sent regarding this appraisal submission.	NOT NULL	VARCHAR2(1)
8	SENT_TO_USERID The Userid to whom the email was sent when the event is Email. 2002/10/30 LAS: Modified to add Sent_to_userid column for inbox search use.	NULL	VARCHAR2(80)

Foreign Keys:

EAE_ADSC_FK

ECAS_ID = APPRAISAL_DATA_SUBMISSION_CTRL.ECAS_ID

EAE_EACD_FK

ECAS_ACTION_CODE = ECAS_ACTION_CODE.ECAS_ACTION_CODE

EAE_ESF_FK

ECAS_ID = ECAS_SUBMITTED_FILE.ECAS_ID

ECAS_SUBMITTED_FILE_ID = ECAS_SUBMITTED_FILE.ECAS_SUBMITTED_FILE_ID

Indexes:

EAE_ADSC_FK_I

ECAS_ID

EAE_EACD_FK_I

ECAS_ACTION_CODE

EAE_ESF_FK_I

ECAS_SUBMITTED_FILE_ID

Notes:

2002/10/30 LAS: Modified to add Sent_to_userid column for inbox search use.

Table: ECAS_AUDIT_EVENT (cont'd)*Notes:*

BM: May 2006. Dropped the XML FILE NAME attribute and added relationship to ECAS SUBMITTED FILE.

BM: Dec 12, 2006. The project to store ECAS attachments and xml files in the database has been put on hold temporarily. The changes made in May 2006 have not been reversed because the intent is that they be implemented in the near future.

Table: ECAS_AUTONOTIFY_DISTRICT_USER*Description:*

The ECAS Autonotify District User entity allows for the identification of all MOF USERS within an identified District of the ORG UNIT who will be emailed when an appraisal file has not been received or approved within a predefined timeframe.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ORG_UNIT_NO Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(10,0)
* 2	USER_ID The unique identifier (logon account name) for a user accessing the ministry of forests computer environment.	NOT NULL	VARCHAR2(30)
* 3	EFFECTIVE_DATE The date this record is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which this entry is no longer available for use.	NOT NULL	DATE
5	COPY_IND A yes/no indication to identify if this user is to be copied on the note or not. If Yes, their userid and name will appear in the CC section of the page. If No, their userid and name will appear in the To section of the page.	NOT NULL	VARCHAR2(1)
6	REVISION_COUNT The number of times this entry has been modified.	NOT NULL	NUMBER(5,0)
7	UPDATE_TIMESTAMP The date and time the record was last modified.	NOT NULL	DATE
8	UPDATE_USERID The userid of the resource who did the last modification.	NOT NULL	VARCHAR2(80)

Foreign Keys:

EADU_MU_FK
USER_ID = MOF_USER.USER_ID
EADU_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

EADU_MU_FK_I
USER_ID
EADU_OU_FK_I
ORG_UNIT_NO

Table: ECAS_ESF_SUBMISSION*Description:*

Records the Id of the Electronic Submission Framework (ESF) submission that creates an Appraisal Data Submission

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	SUBMISSION_ID Unique identifier of an ESF submission	NOT NULL	NUMBER(10)
3	ENTRY_TIMESTAMP The date and time the appraisal was submitted through the Electronic Submission Framework	NOT NULL	DATE

Foreign Keys:

ECASSUB_ADS_FK
ECAS_ID = APPRAISAL_DATA_SUBMISSION.ECAS_ID
ECASSUB_ESF_SUB_FK
SUBMISSION_ID = ELECTRONIC_SUBMISSION.SUBMISSION_ID

Indexes:

ECASSUB_ADS_FK_I
ECAS_ID
ECASSUB_ESF_SUB_FK_I
SUBMISSION_ID

Notes:

ESF data is only to be obtained through the ESF interfaces and not directly through the database. As a result, although the ELECTRONIC SUBMISSION table is related to this table for informational purposes, no constraint will be implemented between it and ECAS ESF SUBMISSION.

Added July 2006 - BM

Table: ECAS_FILE*Description:*

Content of a file submitted for, or supporting, a stumpage appraisal.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	ECAS_SUBMITTED_FILE_ID Sequential number is unique identifier for the submitted file.	NOT NULL	NUMBER(12,0)
3	FILE_CONTENT Content of a file submitted for, or supporting, a stumpage appraisal. <i>BM: Added May 2006</i>	NOT NULL	BLOB

Foreign Keys:

EFIL_ESF_FK
ECAS_ID = ECAS_SUBMITTED_FILE.ECAS_ID
ECAS_SUBMITTED_FILE_ID = ECAS_SUBMITTED_FILE.ECAS_SUBMITTED_FILE_ID

Indexes:

EFIL_ESF_FK_I
ECAS_SUBMITTED_FILE_ID
ECAS_ID

Notes:

BM: Added May 2006

Table: ECAS_PARAMETER*Description:*

ECAS Parameter contains the various one-off application values that may change in the future but are not so frequently modified as to be contained within their own entity.

This includes:

Interior Appraisal Year
Coast Appraisal Year
End Haul Difficulty Factor
Culvert Allowance
R3 Subgrade Factor

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	PARAMETER_NAME The unique identifier of the parameter value. This is the name used by the database package to retrieve the stored value.	NOT NULL	VARCHAR2(30)
* 20	EFFECTIVE_DATE The date the parameter value is available for use from.	NOT NULL	DATE
30	DESCRIPTION The description of the parameter including where it is used.	NOT NULL	VARCHAR2(120)
40	PARAMETER_VALUE The value of the parameter. Stored in Varchar2 data type but may be a number value. Packages retrieving this data will have to convert to appropriate data type in order to use for calculation purposes.	NOT NULL	VARCHAR2(10)
50	EXPIRY_DATE The date after which the value is no longer available.	NOT NULL	DATE
60	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE
70	UPDATE_USERID The userid of the resource who last modified the data	NOT NULL	VARCHAR2(80)

Table: ECAS_SUBMITTED_FILE*Description:*

A data file submitted to the ministry to create, or in support of, a stumpage appraisal.
The actual file content (BLOB) is in ECAS FILE for physical database support reasons.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ECAS_ID The unique identifier for a submitted appraisal file. Used to identify a file as it goes through the ECAS application. Will be generated from a sequence number. Will be assigned regardless of the success of the submission.	NOT NULL	NUMBER(12,0)
* 2	ECAS_SUBMITTED_FILE_ID Sequential number is unique identifier for the submitted file.	NOT NULL	NUMBER(12,0)
3	MIME_TYPE_CODE Multipurpose Internet Mail Extension (MIME) type is the method used by Web browsers to associate files of a certain type with helper applications that display files of that type.	NULL	VARCHAR2(3)
4	FILE_NAME The name, including file name extension, of the file submitted by the user. No directory path information is stored.	NOT NULL	VARCHAR2(100)
5	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
6	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(30)

Foreign Keys:

ESF_ADSC_FK
ECAS_ID = APPRAISAL_DATA_SUBMISSION_CTRL.ECAS_ID
ESF_MTC_FK
MIME_TYPE_CODE = MIME_TYPE_CODE.MIME_TYPE_CODE

Indexes:

ESF_ADSC_FK_I
ECAS_ID
ESF_MTC_FK_I
MIME_TYPE_CODE

Notes:

BM: Created May 2006
Included relationship to MIME TYPE CODE to identify the file mime type.

Table: ECAS_USER_PREFERENCE*Description:*

A personalized system preference for ECAS users.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 5	ECAS_USER_PREFERENCE_TYPE_CODE A unique code type that defines an ECAS user preference.	NOT NULL	VARCHAR2(4)
* 6	USER_ID The unique identifier (logon account name) for a user accessing the ministry of forests computer environment.	NOT NULL	VARCHAR2(30)
7	PREFERENCE_VALUE Value of the user's preference.	NOT NULL	VARCHAR2(80)
12	ENTRY_USERID The unique user id of the resource who initially added the entry.	NOT NULL	VARCHAR2(30)
17	ENTRY_TIMESTAMP The date and time the entry was created.	NOT NULL	DATE
22	UPDATE_USERID The unique id of the user who last modified this entry.	NOT NULL	VARCHAR2(30)
27	UPDATE_TIMESTAMP The date and time the entry was last modified.	NOT NULL	DATE

Foreign Keys:

EUPCTC_MU_FK
 ECAS_USER_PREFERENCE_TYPE_CODE =
 ECAS_USER_PREFERENCE_TYPE_CODE.ECAS_USER_PREFERENCE_TYPE_CODE
 EUPC_MU_FK
 USER_ID = MOF_USER.USER_ID

Notes:

Added 2003/08/13 - jstorey

Table: ECAS_USER_PREFERENCE_TYPE_CODE*Description:*

Allows for the classification of user preference types in ECAS.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 5	ECAS_USER_PREFERENCE_TYPE_CODE A unique code type that defines an ECAS user preference.	NOT NULL	VARCHAR2(4)
10	DESCRIPTION Description for an ECAS user preference type.	NOT NULL	VARCHAR2(120)
15	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
20	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
25	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Notes:

Added 2003/08/13 - jstorey

Table: ECAS_VM_TRANSFER*Description:*

A Global Temporary Table used for the VM transfer.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
5	RECORDS	NULL	VARCHAR2(4000)

Table: ELECTRONIC_SUBMISSION*Description:*

This entity belongs to the Electronic Submission Framework (ESF) system and is in the ECAS model for information purposes only.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SUBMISSION_ID Unique identifier of an ESF submission	NOT NULL	NUMBER(10)

Table: FILE_TYPE_CODE*Description:*

The types of files contained within the Prov Forest Use entity.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FILE_TYPE_CODE Unique code to identify a type of forest file.	NOT NULL	VARCHAR2(10)
2	DESCRIPTION The full description of the file type.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date when the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: FOREST_CLIENT*Description:*

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

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CLIENT_NUMBER Sequentially assigned number to identify a ministry client.	NOT NULL	VARCHAR2(8)
2	CLIENT_NAME The name of the Ministry Client - Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a partnership; the legal surname if an Individual.	NOT NULL	VARCHAR2(60)
3	LEGAL_FIRST_NAME The client's legal first name	NULL	VARCHAR2(30)
4	LEGAL_MIDDLE_NAME The client's legal middle name of names if an individual.	NULL	VARCHAR2(30)
6	BIRTHDATE Client's date of birth, if the client is an individual.	NULL	DATE
10	CORP_REGN_NMBR Client's corporate registration number.	NULL	VARCHAR2(9)
12	OCG_SUPPLIER_NMBR Office of the Controller General's reference number for identification of Government Suppliers.	NULL	VARCHAR2(10)
15	WCB_FIRM_NUMBER Workers Compensation Board registration number.	NULL	VARCHAR2(6)
16	CLIENT_COMMENT Text for the comment on the client.	NULL	VARCHAR2(4000)
17	UPDATE_TIMESTAMP The date and time of the last update.	NOT NULL	DATE
18	UPDATE_USERID The USERID of the individual who last updated this information.	NOT NULL	VARCHAR2(30)
19	UPDATE_ORG_UNIT The organizational unit number of the user who added this record or who last updated the information.	NOT NULL	NUMBER(10,0)
20	ADD_TIMESTAMP The date and time on which the entry was created.	NOT NULL	DATE
21	ADD_USERID The USERID of the individual performing the entry.	NOT NULL	VARCHAR2(30)
22	ADD_ORG_UNIT The organizational unit number of the user who added this record.	NOT NULL	NUMBER(10,0)
23	CLIENT_STATUS_CODE	NOT NULL	VARCHAR2(3)
24	CLIENT_TYPE_CODE	NOT NULL	VARCHAR2(1)
37	CLIENT_ID_TYPE_CODE A code indicating a type of identification used to identify a Client. Eg. BC Drivers Licence, Military Number, SIN	NULL	VARCHAR2(4)
38	CLIENT_IDENTIFICATION The reference number for sources of identification for an Individual client.	NULL	VARCHAR2(40)
40	REGISTRY_COMPANY_TYPE_CODE A code indicating a type of Corporate Registry company.	NULL	VARCHAR2(4)
80	CLIENT_ACRONYM A familiar alphabetic acronym to be used as an alternate to the ministry's client number for data entry and display.	NULL	VARCHAR2(8)
280	REVISION_COUNT Number of times updated	NOT NULL	NUMBER(5)

Unique Constraints:

FC_FOREST_CLIENT_UK_UK
 FC_I1\$_FOREST_CLIENT_UK
 CLIENT_NAME
 LEGAL_MIDDLE_NAME

Table: FOREST_CLIENT (cont'd)*Unique Constraints:*

LEGAL_FIRST_NAME
CLIENT_NUMBER
FC_I2\$_FOREST_CLIENT_UK
I1\$_FOREST_CLIENT
CLIENT_NAME
LEGAL_MIDDLE_NAME
LEGAL_FIRST_NAME
CLIENT_NUMBER
I2\$_FOREST_CLIENT
LEGAL_MIDDLE_NAME
LEGAL_FIRST_NAME
CLIENT_NAME
CLIENT_NUMBER
CLIENT_STATUS_CODE

Indexes:

I3\$_FOREST_CLIENT
OCG_SUPPLIER_NMBR
I4\$_FOREST_CLIENT
CORP_REGN_NMBR
I5\$_FOREST_CLIENT
I6\$_FOREST_CLIENT

Table: FOR_CLIENT_LINK*Description:*

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

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
1	FOREST_FILE_ID File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.	NOT NULL	VARCHAR2(10)
2	CUTTING_PERMIT_ID Identifier for a cutting permit associated with a quota type tenure.	NULL	VARCHAR2(3)
3	CUT_BLOCK_ID Identifier for a cut block of a harvesting tenure (within a cutting permit for tenures with cp's).	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)
7	LICENSEE_START_DT The date the licensee started being a client.	NULL	DATE
8	LICENSEE_END_DATE The date the licensee stopped being a client	NULL	DATE
* 9	FOR_CLIENT_LINK_SKEY Sequentially generated primary key	NOT NULL	NUMBER(10)
100	ENTRY_USERID	NOT NULL	VARCHAR2(30)
110	ENTRY_TIMESTAMP	NOT NULL	DATE
120	UPDATE_USERID	NOT NULL	VARCHAR2(30)
130	UPDATE_TIMESTAMP	NOT NULL	DATE
140	REVISION_COUNT	NOT NULL	NUMBER(5)

Unique Constraints:

FCL_FCL_UK_1_UK
FILE_CLIENT_TYPE

Foreign Keys:

FCL_CL_FK
CLIENT_LOCN_CODE = CLIENT_LOCATION.CLIENT_LOCN_CODE
FCL_PFU_FK
FOREST_FILE_ID = PROV_FOREST_USE.FOREST_FILE_ID

Indexes:

FCL_CL_FK_I
CLIENT_NUMBER
CLIENT_LOCN_CODE
FCL_PFU_FK_I
FOREST_FILE_ID

Table: GRADE_LEVEL*Description:*

The level from which the source of the grade is determined.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	GRADE_LEVEL The unique code indicating the source level that the grade is coming from.	NOT NULL	VARCHAR2(3)
20	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date the value is available from.	NOT NULL	DATE
40	EXPIRY_DATE The date after which the value is no longer available.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE
60	UPDATE_USERID The userid of the resource who last modified the data	NOT NULL	VARCHAR2(80)

Notes:

2002/11/21 LAS: renamed from LEVEL TYPE at the request of MOF DA.

Table: GRADE_SOURCE*Description:*

The source of the grade for the appraisal.

Grade source is the level from which the grade is determined for the appraisal species

Examples:

Cruise

Mark

Licence TL Only

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	GRADE_SOURCE The unique code used to identify the source of the grade for the harvested wood.	NOT NULL	VARCHAR2(8)
20	DESCRIPTION The full description of the grade source.	NOT NULL	VARCHAR2(120)
30	GRADE_LEVEL The unique code indicating the source level that the grade is coming from.	NOT NULL	VARCHAR2(3)
40	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
50	EXPIRY_DATE The date after which the value is no longer available.	NOT NULL	DATE
60	UPDATE_TIMESTAMP The date and time of the last modification.	NOT NULL	DATE
70	UPDATE_USERID The userid of the resource who last modified the data	NOT NULL	VARCHAR2(80)

Foreign Keys:

GS_GL_FK

GRADE_LEVEL = GRADE_LEVEL.GRADE_LEVEL

Indexes:

GS_GL_FK_I

GRADE_LEVEL

Table: HARVEST_SYSTEM_CODE*Description:*

The system of harvesting planned for use for the appraisal.

Subset of silv_system_code and status_code.

Will contain either Clear - clear cut or Ptl - Partial not total, incomplete

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	HARVEST_SYSTEM_CODE	NOT NULL	VARCHAR2(5)
2	DESCRIPTION	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Table: HDBS_TREE_SPECIES*Description:*

This entity will become a code subset or already is one from the VM system.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	HDBS_TREE_SPECIES A unique code identifying the tree species used by the HDBS application.	NOT NULL	VARCHAR2(2)
2	DESCRIPTION The full description of the tree species.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date when this code is available for use by the system.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the code is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: INTAPP_SALVAGE_RATE*Description:*

This entity contains the rates necessary for the Interior Specified Operations to determine pro-ration of costs by harvest method.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 5	SPECIFIED_OPERATIONS_CODE The unique code for a specified operation activity.	NOT NULL	VARCHAR2(3)
* 10	APPRAISAL_HARVEST_METHOD_CODE The unique identifier for the method by which the trees are being harvested.	NOT NULL	VARCHAR2(2)
* 15	ORG_UNIT_NO Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(5,0)
* 20	EFFECTIVE_DATE The date the rate goes into effect.	NOT NULL	DATE
25	RATE The cost rate to be used in prorating for the harvest method and specified operation within the region.	NOT NULL	NUMBER(5,2)
30	EXPIRY_DATE The date the rate is no longer available for use.	NOT NULL	DATE
35	UPDATE_TIMESTAMP The date and time the rate was last modified	NOT NULL	DATE

Foreign Keys:

ISR_AHMC_FK
 APPRAISAL_HARVEST_METHOD_CODE =
 APPRAISAL_HARVEST_METHOD_CODE.APPRAISAL_HARVEST_METHOD_CODE

ISR_OU_FK
 ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

ISR_SOC1_FK
 SPECIFIED_OPERATIONS_CODE = SPECIFIED_OPERATIONS_CODE.SPECIFIED_OPERATIONS_CODE

Indexes:

ISR_AHMC_FK_I
 APPRAISAL_HARVEST_METHOD_CODE

ISR_OU_FK_I
 ORG_UNIT_NO

ISR_SOC1_FK_I
 SPECIFIED_OPERATIONS_CODE

Table: INTERIOR_LOG_GROUP_CODE*Description:*

The INTERIOR LOG GROUP CODE identifies the grouping of log grading that may be captured for the BCTS Appraisals in Interior.

This includes:

Sawlogs

Grades 3,4,5,6

Deciduous

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	INTERIOR_LOG_GROUP_CODE The unique identifier for the log group of levy being applied to the BC timber sale.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the code value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the code value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the code value was last modified.	NOT NULL	DATE

Table: INT_POINT_OF_APPRAISAL_CODE*Description:*

The Point of Appraisal Code Subset that is used for Interior Appraisals.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	POINT_OF_APPRAISAL_CODE The unique location point from the BC_LOCATION_CODE group that is identifies as a point of appraisal for either Interior Appraisal Methods or Coast.	NOT NULL	VARCHAR2(4)
20	DESCRIPTION The full name of the appraisal location.	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
40	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: ISOLATION_TYPE_CODE*Description:*

An indication of if this appraisal is in a located spot or not.

For Coast, will be Yes or No,

For Interior, will be R - rail, W - Water, N - None.

May be a subset of the Operability Code list.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ISOLATION_TYPE_CODE	NOT NULL	VARCHAR2(1)
	The unique code to indicate if the location of the appraisal is considered isolated or not.		
2	DESCRIPTION	NOT NULL	VARCHAR2(120)
	The full description of the value.		
3	EFFECTIVE_DATE	NOT NULL	DATE
	The date the value is available for use.		
4	EXPIRY_DATE	NOT NULL	DATE
	The date after which the value is no longer available.		
5	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time the value was last modified.		

Table: LAKE_TRANSPORT_CODE*Description:*

The lake transportation codes valid for use by Interior Appraisals.
Will use values from the LAKE TRANSPORT ST.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	LAKE_TRANSPORT_CODE The unique code identifying the lake transportation location.	NOT NULL	VARCHAR2(4)
2	DESCRIPTION The full description of the lake transport code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: MANDATORY_UTIL_SCALE_GRD_CODE*Description:*

The scale grade codes used for mandatory utilization of BCTS Sales

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	MANDATORY_UTIL_SCALE_GRD_CODE The unique code used to identify the grade codes for BCTS Mandatory Utilization. Includes: SL - Sawlog 3- Grade 3 4 - Grade 4 5 - Grade 5 AS - Aspen Grade BI - Birch Grade CO - Cottonwood Grade	NOT NULL	VARCHAR2(2)
2	DESCRIPTION The full description of the code value	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified/refreshed.	NOT NULL	DATE

Table: MANDATORY_UTIL_SPECIES_GP_CODE*Description:*

Identifies the species and species groups which are deemed to be mandatory utilization for some BCTS sales.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	MANDATORY_UTIL_SPECIES_GP_CODE Unique code to identify which species or species group is mandatory in the BCTS Sale. Includes: CE - Cedar HE - Hemlock LO - Lodgepole Pine DE - Deciduous AO - All Others	NOT NULL	VARCHAR2(2)
2	DESCRIPTION The full description of the code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the code was last modified/refreshed.	NOT NULL	DATE

Table: MGMT_UNIT_TYPE_CODE*Description:*

The administrative management unit as defined by the ministry for managing the forest land, eg. TSA.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	MGMT_UNIT_TYPE_CODE The unique identifier for the management unit type.	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The full description of the value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: MIME_TYPE_CODE*Description:*

Multipurpose Internet Mail Extension (MIME) type is the method used by Web browsers to associate files of a certain type with helper applications that display files of that type.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	MIME_TYPE_CODE Multipurpose Internet Mail Extension (MIME) type is the method used by Web browsers to associate files of a certain type with helper applications that display files of that type.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION The full description of the value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: MOF_USER*Description:*

Basic information about a user who has authority on, or access to, one of the Ministry of Forests systems.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	USER_ID The unique identifier (logon account name) for a user accessing the ministry of forests computer environment.	NOT NULL	VARCHAR2(30)
2	LAST_NAME The family or last name of the user.	NOT NULL	VARCHAR2(40)
3	FIRST_NAME The first name of the user.	NOT NULL	VARCHAR2(40)
4	MIDDLE_INITIAL The middle initial of the user.	NULL	VARCHAR2(1)
5	PHONE_NUMBER The user's business telephone number including the area code.	NOT NULL	VARCHAR2(10)
6	EMAIL_ADDRESS Internet email address of the user.	NOT NULL	VARCHAR2(128)
6	ENROLLED_BY Process that created the account	NOT NULL	VARCHAR2(30)
7	ENROLLED_DATE Date the account was created.	NOT NULL	DATE
9	ENROLLED_EXPIRY_DATE The date the account expires.	NULL	DATE

Table: MOF_USER_ORG_DEFAULT*Description:*

Identifies a user's default org unit for a given MOF application.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 5	APPLICATION_ACRONYM Acronym of a MOF application.	NOT NULL	VARCHAR2(30)
* 10	USER_ID The unique identifier (logon account name) for a user accessing the ministry of forests computer environment.	NOT NULL	VARCHAR2(30)
15	ORG_UNIT_NO Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(10)
20	REVISION_COUNT The number of times this entry has been modified.	NOT NULL	NUMBER(5)
25	ENTRY_USERID The userid of the resource who initially created a record.	NOT NULL	VARCHAR2(30)
30	ENTRY_TIMESTAMP The date and time the record was first created.	NOT NULL	DATE
35	UPDATE_USERID The userid of the resource who did the last modification.	NOT NULL	VARCHAR2(30)
40	UPDATE_TIMESTAMP The date and time the record was last modified.	NOT NULL	DATE

Unique Constraints:

MUOD_UK
APPLICATION_ACRONYM
USER_ID
ORG_UNIT_NO

Notes:

Added 2003/08/13 - jstorey

Table: ORG_MGMT_UNIT*Description:*

A list of valid management units and types within a given org unit.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ORG_MGMT_UNIT_NO Unique id of an entry in the Org Mgmt Unit entity.	NOT NULL	NUMBER(10,0)
2	ORG_UNIT_NO Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(10,0)
4	MGMT_UNIT_ID The number that is assigned to a specific administrative management unit.	NULL	VARCHAR2(4)
5	REVISION_COUNT The number of times this entry has been modified.	NOT NULL	NUMBER(5,0)
5	SPR_MGMT_UNIT_TYPE_CODE A subset of the administrative management unit as defined by the ministry for managing the forest land, eg. TSA. This subset applies for Seedling Requests.	NOT NULL	VARCHAR2(1)

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:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ORG_UNIT_NO Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(10,0)
3	ORG_UNIT_CODE Identifies any office within the ministry. First character identifies Exec, HQ branch, Region, or District. Next two chars identify the office name; next two the section (HQ Branch) or program (Region or District); last char identifies the subsection.	NOT NULL	VARCHAR2(6)
4	ORG_UNIT_NAME The name or title of a ministry office or section; for example Kamloops Forest Region; Silviculture Branch; Kispiox Forest District Protection program.	NOT NULL	VARCHAR2(100)
5	LOCATION_CODE Unique identifier for one of the office locations within the Ministry of Forests.	NOT NULL	VARCHAR2(3)
6	AREA_CODE The 3 digit numer that identifies each telephone service area in a country.	NOT NULL	VARCHAR2(3)
7	TELEPHONE_NO The general office telephone number (excluding the area code) for a Ministry of Forests office.	NOT NULL	VARCHAR2(7)
8	ORG_LEVEL_CODE Represents the organizational level of the Ministry, and is one of: D - District Forestry Office, E - Executive, H - Headquarters Branch, R - Regional Forestry Office.	NOT NULL	VARCHAR2(1)
9	OFFICE_NAME_CODE Represents an office within a specific organizational level.	NOT NULL	VARCHAR2(2)
10	ROLLUP_REGION_NO Identifier designating the region to which the org unit is rolled into for reporting purposes. Values stored here are for the computers use only, and are not to be used by people as "Ministry Codes".	NOT NULL	NUMBER(10,0)
11	ROLLUP_REGION_CODE Identifier designating the region to which the org unit is rolled into for reporting purposes.	NOT NULL	VARCHAR2(6)
12	ROLLUP_DIST_NO Identifier designating the district to which the org unit is rolled into for reporting purposes. Values stored here are for the computers use only and are not to be used by people as "Ministry Codes".	NOT NULL	NUMBER(10,0)
13	ROLLUP_DIST_CODE Identifier designating the district to which the org unit is rolled into for reporting purposes.	NOT NULL	VARCHAR2(6)
14	EFFECTIVE_DATE The date the Organizational Unit became effective as a valid Org Unit within the ministry's organizational structure.	NOT NULL	DATE
15	EXPIRY_DATE The date the Organizational Unit is Obsoleted and is no longer an active Org Unit within the ministrys organizational structure. At the determination of Human Resources Branch, an expired Org Unit may be retained for historical purposed, or may be deleted.	NOT NULL	DATE
16	UPDATE_TIMESTAMP The date and time of the last modification.	NULL	DATE

Indexes:

OU_OU_FK_I

Table: OTHER_DEVELOPMENT_TYPE_CODE*Description:*

The type of other development being conducted for this Appraisal file.

Types identified in INTERIOR:

Allocated

Engineered

BCTS Allocated

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	OTHER_DEVELOPMENT_TYPE_CODE	NOT NULL	VARCHAR2(1)
	The unique code used to identify the type of other development being conducted for this Interior Appraisal.		
2	DESCRIPTION	NOT NULL	VARCHAR2(120)
	The full description of the code value.		
3	EFFECTIVE_DATE	NOT NULL	DATE
	The date the value is available for use.		
4	EXPIRY_DATE	NOT NULL	DATE
	The date after which the value is no longer available.		
5	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time the value was last modified.		

Table: OTHR_TR_CST_TBL*Description:*

Est. for routine road (transportation) maintenance for remote & non-remote operations. Mtce. covers all work required to keep the roads & bridges in operable condition for use by logging related equipment based on the forest district the mark is in.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	FOREST_DISTRICT Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(10,0)
* 20	EFFECTIVE_DATE The date on which the routine maintenance cost becomes effective.	NOT NULL	DATE
* 30	RE MOTENESS_IND A flag to indicate if this is a remote operation.	NOT NULL	VARCHAR2(1)
40	ROUTINE_MTCE_COST The cost estimate for all work required to keep roads and bridges in operable conditions for use by logging related equipment.	NOT NULL	NUMBER(5,2)
50	COMMITTED_IND An indication as to whether or not the associated other transportation cost record has been reviewed and approved.	NOT NULL	VARCHAR2(1)

Table: OV_ADM_COST_TBL*Description:*

Estimated cost of general, administrative and operational overhead expressed on a dollar per cubic metre basis for an appraisal. Current administration and other costs include: overhead costs; accessible, isolated and remote operation costs.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APPRAISAL_OVRHD_CD A code describing the type of administrative cost to apply. Valid values are 'ACC' = Accommodation, 'ISOP' = Isolated Operation, 'OVR' = Overhead, 'AOP' = Accessible Operation and 'REM' = Remote Operation.	NOT NULL	VARCHAR2(4)
* 2	REMOTENESS_IND Indicates whether the cutting authority area is connected by a road suitable for crew buses, to the centre of the nearest community. The nearest community must be a city, district municipality, town or village and must have retail food and gasoline services located nearby.	NOT NULL	VARCHAR2(1)
* 3	EFFECTIVE_DATE The date on which the overhead cost becomes effective.	NOT NULL	DATE
4	OVERHEAD_COST An estimate of the overhead administrative costs.	NOT NULL	NUMBER(5,2)
5	COMMITTED_IND An indication as to whether or not the associated overhead and admin cost record has been reviewed and approved.	NOT NULL	VARCHAR2(1)

Table: POINT_APPRAISAL_LOG_DUMP_XREF*Description:*

Cross-reference table used to identify the point of appraisal and forest district for a given log dump location.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 3	POINT_OF_APPRAISAL_CODE The unique location point from the BC_LOCATION_CODE group that is identifies as a point of appraisal for either Interior Appraisal Methods or Coast.	NOT NULL	VARCHAR2(4)
* 5	APPRAISAL_LOG_DUMP_LOCN_CODE The unique code to identify a coastal log dump location.	NOT NULL	VARCHAR2(4)
* 7	ORG_UNIT_NO Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(10,0)
10	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Foreign Keys:

PALDX_ALDC_FK

APPRAISAL_LOG_DUMP_LOCN_CODE =
APPRAISAL_LOG_DUMP_LOCN_CODE.APPRAISAL_LOG_DUMP_LOCN_CODE

PALDX_CPOA_FK

POINT_OF_APPRAISAL_CODE = COAST_POINT_OF_APPRAISAL_CODE.POINT_OF_APPRAISAL_CODE

PALDX_OU_FK

ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

PALDX_ALDC_FK_I

APPRAISAL_LOG_DUMP_LOCN_CODE

PALDX_CPOA_FK_I

POINT_OF_APPRAISAL_CODE

PALDX_OU_FK_I

ORG_UNIT_NO

Notes:

Created by jstorey 25/07/2005.

2005-10-27 B.Macpherson - ORG_UNIT_NO added

Table: POINT_OF_APPRAISAL_CODE*Description:*

The locations within the Province that are identified as appraisal points.

Will be created through the use of the PT_OF_APPRAISAL_ST subsets from the CODE_LIST_TABLE.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	POINT_OF_APPRAISAL_CODE The unique location point from the BC_LOCATION_CODE group that is identifies as a point of appraisal for either Interior Appraisal Methods or Coast.	NOT NULL	VARCHAR2(4)
3	DESCRIPTION The full name of the appraisal location.	NOT NULL	VARCHAR2(120)
4	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
5	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
6	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: POINT_OF_ORIGIN_CODE*Description:*

The BC Locations that are considered to be Coast Appraisal Points of Origin.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	POINT_OF_ORIGIN_CODE The unique identifier from the BC_LOCATIONS code list.	NOT NULL	VARCHAR2(4)
2	DESCRIPTION The full name of the point of origin.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: PRMT_AUTHZD_BLK*Description:*

To associate the Cutting Permit of a Woodlot Licence or Tree Farm Licence with the Cut Block of a Private Timber Mark or Timber Licence that has the authority to cut granted by the WL or TFL CP.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	BLK_FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
* 2	BLK_CUT_PERMIT_ID	NOT NULL	VARCHAR2(3)
* 3	BLK_CUT_BLOCK_ID	NOT NULL	VARCHAR2(10)
4	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
5	CUTTING_PERMIT_ID	NOT NULL	VARCHAR2(3)
20	REVISION_COUNT	NOT NULL	NUMBER(5)
	The number of times this entry has been modified.		
25	ENTRY_USERID	NOT NULL	VARCHAR2(30)
	The userid of the resource who initially created a record.		
30	ENTRY_TIMESTAMP	NOT NULL	DATE
	The date and time the record was first created.		
35	UPDATE_USERID	NOT NULL	VARCHAR2(30)
	The userid of the resource who did the last modification.		
40	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time the record was last modified.		

Foreign Keys:

PAB_CBLK_FK
 BLK_FOREST_FILE_ID = CUT_BLOCK.FOREST_FILE_ID
 BLK_CUT_PERMIT_ID = CUT_BLOCK.CUTTING_PERMIT_ID
 BLK_CUT_BLOCK_ID = CUT_BLOCK.CUT_BLOCK_ID
 PAB_TM_FK
 FOREST_FILE_ID = TIMBER_MARK.FOREST_FILE_ID
 CUTTING_PERMIT_ID = TIMBER_MARK.CUTTING_PERMIT_ID

Indexes:

I1\$_PRMT_AUTHZD_BLK
 BLK_FOREST_FILE_ID
 BLK_CUT_PERMIT_ID
 BLK_CUT_BLOCK_ID
 I2\$_PRMT_AUTHZD_BLK
 FOREST_FILE_ID
 CUTTING_PERMIT_ID
 BLK_FOREST_FILE_ID
 BLK_CUT_PERMIT_ID
 BLK_CUT_BLOCK_ID
 PAB_CBLK_FK_I
 PAB_TM_FK_I

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:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FOREST_FILE_ID File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.	NOT NULL	VARCHAR2(10)
2	FILE_TYPE_CODE	NULL	VARCHAR2(3)
3	FILE_STATUS_ST The current status of the forest land use, e.g. Pending - Planned, Harvesting - Suspended, Active. This is a subset of timber status code.	NULL	VARCHAR2(3)
4	FILE_STATUS_DATE The date on which the current forest land use status was set.	NULL	DATE
5	FOREST_REGION Unique physical identifier for the storage of organizational unit codes for the Ministry of Forests' offices. Values stored here are for the computer's use only, and are not to be used by people as "ministry codes".	NOT NULL	NUMBER(10,0)
6	MGMT_UNIT_TYPE The administrative management unit as defined by the ministry for managing the forest land, eg. TSA.	NULL	VARCHAR2(1)
7	MGMT_UNIT_ID The number that is assigned to a specific administrative management unit.	NULL	VARCHAR2(4)
8	ENTRY_USERID The userid of the individual performing the entry.	NOT NULL	VARCHAR2(30)
9	ENTRY_TIMESTAMP The date and time on which the entry was created.	NOT NULL	DATE
10	UPDATE_USERID The userid of the individual who last updated this information.	NOT NULL	VARCHAR2(30)
11	UPDATE_TIMESTAMP The date and time of the last update.	NOT NULL	DATE
20	REVISION_COUNT The number of times this entry has been modified.	NOT NULL	NUMBER(5)
55	BCTS_ORG_UNIT The BCTS Org Unit Number for the file.	NULL	NUMBER(10)
60	SB_FUNDED_IND	NOT NULL	VARCHAR2(1)
65	DISTRICT_ADMIN_ZONE District Admin Zone is a free format field used internally by the districts to group files within a district for reporting purposes. Examples of use are setting the field to a geographic area or to a persons initials. Reports can be pulled off by District Admin Zone to aid work management. This field is not used by all districts.	NULL	VARCHAR2(4)

Unique Constraints:

PFU_PROV_FOREST_USE_UK_UK

Foreign Keys:

PFU_FTC_FK
FILE_TYPE_CODE = FILE_TYPE_CODE.FILE_TYPE_CODE

Indexes:

I1\$ PROV_FOREST_USE
FOREST_FILE_ID
I2\$ PROV_FOREST_USE
FOREST_REGION
I3\$ PROV_FOREST_USE

Table: PROV_FOREST_USE (cont'd)*Indexes:*

FILE_STATUS_ST
I4\$ PROV_FOREST_USE
FILE_TYPE_CODE
PFU_FTC_FK_I

Table: RAIL_LOCATION_CODE*Description:*

The valid rail locations that an interior appraisal can have logs transported to.
This will be a subset of the values in the SPCL_TRNSP_TYPE_CD.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RAIL_LOCATION_CODE The unique code for the rail transportation locations.	NOT NULL	VARCHAR2(4)
2	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: RATE_ADJUSTMENT_TYPE_CODE*Description:*

An indication of whether the appraisal can be for a fixed term or variable.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	RATE_ADJUSTMENT_TYPE_CODE The unique code used to identify the type of rate adjustment method.	NOT NULL	VARCHAR2(1)
20	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date the value becomes available for use.	NOT NULL	DATE
40	EXPIRY_DATE The date after which the value is no longer available for use	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: RATE_CALC_METHOD_CODE*Description:*

Identifies the calculation method used to establish stumpage rates.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RATE_CALC_METHOD_CODE Unique identification to classify the method used in calculating stumpage rate for the Appraisal Data Submission.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date that the code value becomes available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the code value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: RD_ENGINEERING_PROJ_TYPE_CODE*Description:*

The ENGINEERING PROJECT TYPE of the ADS ENGINEERING SECTION COST.

Examples:

EH - End haul of any type

KF - keyed in fills

SF - stored fills

F - fords

LF - large fills

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RD_ENGINEERING_PROJ_TYPE_CODE The unique identifier of the type of project being conducted for that section.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date on which the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: ROAD_DEVELOPMENT_TYPE_CODE*Description:*

Indicates the type of bridge development being undertaken.

Values: R - Reconstruction

N - New

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ROAD_DEVELOPMENT_TYPE_CODE The unique code to indicate the type of development taking place. Either RR or N	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The full description of the development type code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date this code is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date the code is no longer available for use.	NULL	DATE
5	UPDATE_TIMESTAMP Date and time the value was last modified.	NOT NULL	DATE

Table: ROAD_ENGINEERING_TYPE_CODE*Description:*

A code list used to identify the type of engineering activity that section costs are being captured for.
Will be used in Coast Appraisals for ADS Engineering Section Cost

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ROAD_ENGINEERING_TYPE_CODE The unique code used to identify the engineering activity being detailed by section. Examples: RR - Road Reconstruction EH - End Haul	NOT NULL	VARCHAR2(2)
2	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the code is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the code is no longer available.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: ROAD_GROUP_CODE*Description:*

The classification of road structures into groups.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ROAD_GROUP_CODE The unique code identifier for the road groups within the province.	NOT NULL	VARCHAR2(2)
2	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: ROCK_MASS_CLASS_CODE*Description:*

The codes and descriptions available to classify the type of ROCK MASS being used in the TABULAR ROAD.

Example values:

H - Hard

S - Soft

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	ROCK_MASS_CLASS_CODE A unique code identifying the Rock Mass Type.	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date on which the code is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the code is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time on which the value was last modified.	NOT NULL	DATE

Table: RPF_LICENSEE_REP*Description:*

Contains the information about the client for whom the RPF/Licensee Representative does work for.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	USER_ID The unique identifier (logon account name) for a user accessing the ministry of forests computer environment.	NOT NULL	VARCHAR2(30)
* 2	CLIENT_NUMBER Sequentially assigned number to identify a ministry client.	NOT NULL	VARCHAR2(8)
* 3	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)
4	FAX_NUMBER The Fax number at which this user can be reached.	NULL	NUMBER(10)
5	REP_ACTIVE_IND A yes/no indicator used to identify if the Representative is actively working for this client location.	NOT NULL	VARCHAR2(1)
6	RPF_IND A yes/no indication of if this resource is a Registered Professional Forester.	NOT NULL	VARCHAR2(1)
7	MEMBER_NUMBER The unique Registered Professional Forester or Registered Forest Technician number assigned to an individual upon completion of the proscribed training.	NULL	VARCHAR2(5)
9	APPRAISAL_METHOD_CODE The unique code to identify the type of submission being created by the Licensee RPF.	NULL	VARCHAR2(1)
14	RFT_IND A yes/no indication of if this resource is a Registered Forest Technician.	NOT NULL	VARCHAR2(1)
15	ENTRY_USERID The userid of the resource who entered the original information.	NOT NULL	VARCHAR2(30)
16	ENTRY_TIMESTAMP The date and time the record was created.	NOT NULL	DATE
17	UPDATE_USERID The userid of the resource who last modified the information.	NOT NULL	VARCHAR2(30)
18	UPDATE_TIMESTAMP The date and time the information was last modified.	NOT NULL	DATE
86	REVISION_COUNT The number of times the entry has been revised. Used by the web pages to determine if the information has been modified since last retrieved.	NOT NULL	NUMBER(5,0)

Foreign Keys:

RLR_AMCD_FK
APPRAISAL_METHOD_CODE = APPRAISAL_METHOD_CODE.APPRAISAL_METHOD_CODE

RLR_CL_FK
CLIENT_NUMBER = CLIENT_LOCATION.CLIENT_NUMBER
CLIENT_LOCN_CODE = CLIENT_LOCATION.CLIENT_LOCN_CODE

RLR_MU_FK
USER_ID = MOF_USER.USER_ID

Indexes:

RLR_CL_FK_I
CLIENT_NUMBER
CLIENT_LOCN_CODE

RLR_MU_FK_I
USER_ID

Notes:

2002/12/03 LAS: Added column to identify if user is primary administrator for the client location.

2004/09/02 jstorey: Dropped column CLIENT_ADMINISTRATOR_IND

Table: RTN_RD_MTC_TBL*Description:*

Routine maintenance includes grading, spot gravelling, bridge and culvert repairs and all road charges except those specifically listed in sec. 4.1.6. See p. 74-75 of the I.A. manual.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	MGMT_UNIT_XREF	NOT NULL	VARCHAR2(1)
	Indicates whether the management unit is combination of TSA and TSB, or a Tree Farm Licence number.		
* 2	MANAGEMENT_UNIT_ID	NOT NULL	VARCHAR2(3)
	Either a combination of TSA (2 characters) and TSB (1 character), or a Tree Farm Licence number (up to 3 characters).		
* 3	EFFECTIVE_DATE	NOT NULL	DATE
	The date on which the routine road maintenance cost entry becomes effective.		
4	COMMITTED_IND	NOT NULL	VARCHAR2(1)
	An indication as to whether or not the routine road maintenance cost estimate entry has been reviewed and approved.		
5	RTN_MNTNCE_COST_M3	NOT NULL	NUMBER(5,2)
	The cost estimate for all work required to keep roads and bridges in operable condition for use by logging related equipment.		

Table: SCALE_GRADE_CODE*Description:*

The log grade classification used to identify the quality of the logs and lumber being harvested.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SCALE_GRADE_CODE The unique code used to identify the grade of logs being harvested.	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The full description of the code value	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value becomes available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: SOIL_MOISTURE_CODE*Description:*

The condition of the soil used for the Tabular Road construction.
May be Wet or Dry.
Subset of SOIL_MOIST_TYPE_CD code list.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	SOIL_MOISTURE_CODE	NOT NULL	VARCHAR2(1)
	The unique code used to identify the moisture condition of the soil used for the tabular road.		
2	DESCRIPTION	NOT NULL	VARCHAR2(120)
	The full description of the soil moisture code value.		
3	EFFECTIVE_DATE	NOT NULL	DATE
	The date the value is available for use.		
4	EXPIRY_DATE	NOT NULL	DATE
	The date after which the value is no longer available for use.		
5	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time the value was last modified.		

Table: SPECIFIED_OPERATIONS_CODE*Description:*

The SPECIFIED OPERATIONS entity contains the codes and descriptions of all the specified operations available for use in the costing of the appraisal.

The SPECIFIED OPERATIONS are typed by SPEC OPS TYPE CODE.

These include:

A-frame Logging
 Blowdown Timber
 Partial Harvesting
 Skyline Logging
 Tree Crown Modification
 Lake Transportation
 Skidder Swinging
 Towing to Tie-up Grounds
 Camp Moves
 Single Stem (helicopter)
 Root Disease

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	SPECIFIED_OPERATIONS_CODE The unique code for a specified operation activity.	NOT NULL	VARCHAR2(3)
20	DESCRIPTION The full description of the specified operation activity. example: A-frame logging.	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date on which this code becomes available for use.	NOT NULL	DATE
40	EXPIRY_DATE The date after which the code is no longer available for use.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: SPECIFIED_OPERATIONS_PHS_CODE*Description:*

The Specified Operations Phase identifies the type of operations requiring cost estimates for the appraisals.

These include:

TTT - Tree to Truck
Adm - Administration
Log - Log Transport
Sil - Silviculture

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	SPECIFIED_OPERATIONS_PHS_CODE The special operations type code. Used to uniquely identify the entry.	NOT NULL	VARCHAR2(3)
20	DESCRIPTION The full description of the special operations type.	NOT NULL	VARCHAR2(120)
30	EFFECTIVE_DATE The date this value is available for use.	NOT NULL	DATE
40	EXPIRY_DATE The date the value is no longer available.	NOT NULL	DATE
50	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: SPECIFIED_OPERATIONS_XREF*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	APPRAISAL_METHOD_CODE The unique code to identify the type of submission being created by the Licensee RPF.	NOT NULL	VARCHAR2(1)
* 2	SPECIFIED_OPERATIONS_PHS_CODE The special operations type code. Used to uniquely identify the entry.	NOT NULL	VARCHAR2(3)
* 3	SPECIFIED_OPERATIONS_CODE The unique code for a specified operation activity.	NOT NULL	VARCHAR2(3)
4	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE
5	UPDATE_USERID The userid of the resource who last modified the data	NOT NULL	VARCHAR2(80)

Foreign Keys:

SOX_AMCD_FK
 APPRAISAL_METHOD_CODE = APPRAISAL_METHOD_CODE.APPRAISAL_METHOD_CODE

SOX_SOC1_FK
 SPECIFIED_OPERATIONS_CODE = SPECIFIED_OPERATIONS_CODE.SPECIFIED_OPERATIONS_CODE

SOX_SOPC_FK
 SPECIFIED_OPERATIONS_PHS_CODE =
 SPECIFIED_OPERATIONS_PHS_CODE.SPECIFIED_OPERATIONS_PHS_CODE

Indexes:

SOX_AMCD_FK_I
 APPRAISAL_METHOD_CODE

SOX_SOC1_FK_I
 SPECIFIED_OPERATIONS_CODE

SOX_SOPC_FK_I
 SPECIFIED_OPERATIONS_PHS_CODE

Table: SPP_GRD_PRC_TBL*Description:*

The individual grade prices associated with each species and selling price zone. The selling price estimates are based upon a schedule of log market values collected and published by Revenue Branch.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	EFFECTIVE_DATE The date on which the selling price becomes effective.	NOT NULL	DATE
* 2	RATE_CALC_MTHD_CD Identifies the calculation method used to establish stumpage rates.	NOT NULL	VARCHAR2(3)
* 3	SPP_SELL_PRIC_ZONE The selling price zone that the harvested species is in.	NOT NULL	NUMBER(5)
* 4	HDBS_SPP_PRD_GRADE A five character code. Two characters stand for the tree species in a volume. Another two characters stand for the product to be made and the last character stands for the quality of the species found within a given volume.	NOT NULL	VARCHAR2(5)
5	SELLING_PRICE_M3 The selling price per cubic metre for a grade of a species..	NOT NULL	NUMBER(6,2)
6	COMMITTED_IND An indication as to whether or not the associated species / grade price record has been reviewed and approved.	NOT NULL	VARCHAR2(1)

Table: STABILIZING_MATERIAL_COST_FCTR*Description:*

The Stabilizing Material Cost Factor entity allows for the identification of the cost rates to be used for the use and movement of the stabilizing material on the engineering project.

There are different rates for each material type and trucking distance.

If the trucking distance is less than 10 km, trucking is not considered to be involved.

Flat rate per cubic meter.

If the trucking distance is > 10 km, trucking is involved and a cost factor is used in calculating the total cost.

Rate per cubic meter + trucking factor * distance moved.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	STABILIZING_MATERIAL_TYPE_CODE A unique code used to identify a type of Stabilizing material used in road construction.	NOT NULL	VARCHAR2(1)
* 2	TRUCKING_IND A yes/no indication of whether or not trucking over 10 KM was involved.	NOT NULL	VARCHAR2(1)
* 3	EFFECTIVE_DATE The date the cost factor is effective from.	NOT NULL	DATE
4	STABILIZING_MATERIAL_COST The flat rate per cubic meter charged for the stabilizing material used.	NOT NULL	NUMBER(4,2)
5	TRUCKING_FACTOR The trucking factor used to calculate the trucking cost for the stabilizing material when the distance is over 10 km.	NULL	NUMBER(4,3)
6	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE
7	UPDATE_USERID The userid of the resource who last modified the data	NOT NULL	VARCHAR2(80)

Foreign Keys:

SMCF_SMTF_FK
 STABILIZING_MATERIAL_TYPE_CODE =
 STABILIZING_MATERIAL_TYPE_CODE.STABILIZING_MATERIAL_TYPE_CODE

Indexes:

SMCF_SMTF_FK_I
 STABILIZING_MATERIAL_TYPE_CODE

Table: STABILIZING_MATERIAL_TYPE_CODE*Description:*

This entity contains the code values required to identify the type of construction material used in the TABULAR ROAD, ROAD RECONSTRUCTION and END HAUL.

Example Values:

G - Gravel

R - Rock

H - Hard Rock

S - Soft & Medium Rock

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	STABILIZING_MATERIAL_TYPE_CODE A unique code used to identify a type of Stabilizing material used in road construction.	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The full description of the type of stabilizing material type.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date on which this value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: STABLZ_DPTH_TBL*Description:*

The cost of stabilizing materials are estimated based on stabilizing material depth. Estimates are for gravel or broken rock which is placed on the road subgrade to provide stable support and a running surface for logging equipment using the road.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CONSTRUCT_CAT_CODE The code representing the percentage of rock for the subgrade. Values 1 thru 6 are valid.	NOT NULL	VARCHAR2(1)
* 2	UPHLL_SD_SLOPE_MAX The upper value to determine the side slope.	NOT NULL	NUMBER(5,0)
* 3	EFFECTIVE_DATE The date on which the stabilizing depth material value becomes effective.	NOT NULL	DATE
4	STABLZ_MATERL_DPTH The amount of stabilizing material required in metres for the side slope.	NOT NULL	NUMBER(3,2)
5	COMMITTED_IND An indication as to whether or not the associated stabilizing material depth record has been reviewed and approved.	NOT NULL	VARCHAR2(1)

Table: SUBGRADE_FACTOR*Description:*

A cost multiplication factor to be used in computing the subgrade code for the road reconstruction. Is determined by the case type used on the road reconstruction.

eg.

Eng Project 1 - factor of 0.20

Eng Project 2 - factor of 0.35

Eng Project 3 - calculated using formula

Eng Project 5 - 0

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	RD_ENGINEERING_PROJ_TYPE_CODE The unique identifier of the type of project being conducted for that section.	NOT NULL	VARCHAR2(3)
* 2	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
3	SUBGRADE_FACTOR The unique code identifying the factor to be used. <i>2002/10/22 LAS: Modified size of field due to missing decimal places. Includes 2 decimal point as per Robert G. email Oct 4/2002</i>	NOT NULL	NUMBER(3,2)
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Foreign Keys:

SF_EPTC_FK
RD_ENGINEERING_PROJ_TYPE_CODE =
RD_ENGINEERING_PROJ_TYPE_CODE.RD_ENGINEERING_PROJ_TYPE_CODE

Indexes:

SF_EPTC_FK_I
RD_ENGINEERING_PROJ_TYPE_CODE

Table: SUBGRD_COST_TBL*Description:*

An indication as to whether or not the associated stabilizing material depth record has been reviewed and approved

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CONSTRUCT_CAT_CODE	NOT NULL	VARCHAR2(1)
* 2	ROCK_MASS_CLASS_CD	NOT NULL	VARCHAR2(1)
* 3	UPHLL_SD_SLOPE_MAX	NOT NULL	NUMBER(5,0)
* 4	EFFECTIVE_DATE	NOT NULL	DATE
5	SUBGRADE_COST	NOT NULL	NUMBER(5,1)
6	COMMITTED_IND	NOT NULL	VARCHAR2(1)

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:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	TIMBER_MARK 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.	NOT NULL	VARCHAR2(6)
2	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
3	CUTTING_PERMIT_ID Identifier for a cutting permit associated with a quota type harvesting tenure.	NOT NULL	VARCHAR2(3)
4	MARK_STATUS_ST Current status of Timber Mark, eg., Pending - Planned, Harvesting - Suspended. This references Timber_Status_Code.	NULL	VARCHAR2(3)
5	MARK_STATUS_DATE The date that the timber mark / cutting permit status was last updated	NULL	DATE
7	MARK_ISSUE_DATE Date the Timber Mark was issued	NULL	DATE
8	MARK_EXPIRY_DATE Initial expiry date set upon activation of the timber mark.	NULL	DATE
9	MARK_EXTEND_DATE Date to which the timber mark validity has been extended. Current expiry date	NULL	DATE
11	MARK_EXTEND_COUNT Count of the number of extensions to the expiry date that the timber mark has had.	NULL	NUMBER(10,0)
12	MARK_AMEND_DATE If the timber mark has been amended, this date will reflect the time the most recent amendment was made	NULL	DATE
13	MARK_CANCEL_DATE Date the timber mark was cancelled.	NULL	DATE
14	TENURE_TERM Term of the tenure (in months).	NULL	NUMBER(5,0)
15	CERTIFICATE Timber mark certificate number for private marks	NULL	VARCHAR2(6)
16	FOREST_DISTRICT The organization unit identifying the forest district the timber mark is in.	NOT NULL	NUMBER(10,0)
20	DECIDUOUS_IND Indicates whether the timber mark is primarily for harvesting deciduous species. Otherwise, coniferous.	NOT NULL	VARCHAR2(1)
21	CATASTROPHIC_IND Indicates if the damage to the stand of timber is catastrophic. Otherwise, it is endemic	NOT NULL	VARCHAR2(1)
22	CRUISE_BASED_IND Indicates whether a cruise was used for billing purposes.	NOT NULL	VARCHAR2(1)
23	CASCADE_SPLIT_CODE Code to indicate the administrative split for the timber mark, east or west of the Cascade Mountains, for tracking timber volume information	NULL	VARCHAR2(1)
24	BCAA_FOLIO_NUMBER BC Assessment Authority Folio Number for the land that the cutting permit/Timber Mark pertains to, if applicable, or the LTO number. BCAA Folio Numbers are in the format C15 733 06604.140-1-2; the format for LTO numbers is nnn-xxx-xxx.	NULL	VARCHAR2(23)
25	CROWN_GRANTED_IND Indicator to signify whether the land that the timber mark pertains to has a verifiable crown grant document.	NOT NULL	VARCHAR2(1)
27	LANDS_REGION Region identifier for crown lands	NULL	VARCHAR2(1)
28	MARKING_METHOD_CD Code indicating the method of marking the truckload of harvested timber	NULL	VARCHAR2(1)
30	ACTIVATED_USERID Userid of the person who activated the timber mark	NULL	VARCHAR2(30)
31	AMENDED_USERID	NULL	VARCHAR2(30)

Table: TIMBER_MARK (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	Userid of the person who last amended the timber mark.		
32	ENTRY_TIMESTAMP	NOT NULL	DATE
	The data and time on which the entry was created.		
33	ENTRY_USERID	NOT NULL	VARCHAR2(30)
	The userid of the individual performing the entry.		
34	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time of the last update		
35	UPDATE_USERID	NOT NULL	VARCHAR2(30)
	The userid of the individual who last updated this information		
36	VM_TIMBER_MARK	NULL	VARCHAR2(6)
	This is a reformatted definition of the TIMBER_MARK. It is used primarily in Silviculture Branch's Major Licence Silviculture Information System. This column is due to be deleted.		
37	HDBS_TIMBER_MARK	NULL	VARCHAR2(7)
	This is the HDBS representation of the TIMBER MARK. This column is due to be deleted		
190	CROWN_GRANTED_ACQ_DESC	NULL	VARCHAR2(240)
	The description of the crown granted acquisition.		
270	SMALL_PATCH_SALVAGE_IND	NOT NULL	VARCHAR2(1)
	Indicates whether or not Cutting Permit is for small patch salvage. Geometry does not have to be supplied for small patch salvage cut blocks that are under 1 hectare.		
	2004-03-04 R.A.Robb (added)		
347	SALVAGE_TYPE_CODE	NULL	VARCHAR2(3)
	Code describing the salvage type.		
350	REVISION_COUNT	NOT NULL	NUMBER(5,0)
	A count of the number of times an entry in the entity has been modified.		
	Used to validate if the current information displayed on a user's web browser is the most current.		

Unique Constraints:

I1\$_TIMBER_MARK
FOREST_FILE_ID
CUTTING_PERMIT_ID
TM_LIC_CP_UK
FOREST_FILE_ID
CUTTING_PERMIT_ID

Foreign Keys:

TM_PFU_FK
FOREST_FILE_ID = PROV_FOREST_USE.FOREST_FILE_ID

Indexes:

I3\$_TIMBER_MARK
CERTIFICATE
I4\$_TIMBER_MARK
VM_TIMBER_MARK
TIMBER_MARK
FOREST_FILE_ID
CUTTING_PERMIT_ID
I5\$_TIMBER_MARK
FOREST_DISTRICT
I6\$_TIMBER_MARK
TIMBER_MARK
FOREST_FILE_ID
CUTTING_PERMIT_ID
I7\$_TIMBER_MARK
TIMBER_MARK
TM_PFU_FK_I

Table: TRANSMISSION_TYPE_CODE*Description:*

An indication of how the support document is being submitted.
May be electronically attached, paper to follow or not applicable.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	TRANSMISSION_TYPE_CODE	NOT NULL	VARCHAR2(1)
	The unique code value used to identify how the support document is attached to the file.		
2	DESCRIPTION	NOT NULL	VARCHAR2(120)
	The full description of the code value.		
3	EFFECTIVE_DATE	NOT NULL	DATE
	The date after which the value is available for use.		
4	EXPIRY_DATE	NOT NULL	DATE
	The date after which the code value is no longer available for use.		
5	UPDATE_TIMESTAMP	NOT NULL	DATE
	The date and time the value was last modified.		

Table: TRUCK_HAUL_METHOD_CODE*Description:*

The haul method used to transport the logs.
Will be either highway or off highway.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	TRUCK_HAUL_METHOD_CODE The unique code to identify the method of transporting the logs via truck.	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: TSA_NUMBER_CODE*Description:*

The numbers and names of all the Timber Supply Areas in the Province.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	TSA_NUMBER The unique identifier for the Timber Supply Area.	NOT NULL	VARCHAR2(2)
2	DESCRIPTION The full description of the Timber Supply Area.	NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value is available for use.	NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: TSB_NUMBER_CODE*Description:*

The number and name of the Timber Supply Blocks within the province.
Must be defined in relation to an existing Timber Supply Area.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	TSB_NUMBER_CODE The unique code identifying a Timber Supply Block.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: UPSET_OVERRIDE_REASON_CODE*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	UPSET_OVERRIDE_REASON_CODE	NOT NULL	VARCHAR2(3)
2	DESCRIPTION	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Table: VALID_APPRSL_CULVERT_DIAMETER*Description:*

The various diameters of the metal CULVERTS which are typically used for Logging Roads.
 The entity contains the valid codes and descriptions for use in the CULVERT entity.
 Will identify the diameters of the Metal culverts.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CULVERT_DIAMETER The unique code identifying the valid CULVERT diameters. For Metal Culverts Example values: 3 4 5 6 7 8 9 10 12 14 16 18	NOT NULL	VARCHAR2(3)
1	DESCRIPTION The full description of the value. Examples: 3 - A 0.3 meter diameter culvert 4 - A 0.4 meter diameter culvert	NOT NULL	VARCHAR2(120)
2	EFFECTIVE_DATE The date on which this value becomes available for use.	NOT NULL	DATE
3	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
4	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE
5	UPDATE_USERID The userid of the resource who last modified the data	NOT NULL	VARCHAR2(80)

Table: VALID_APPRSL_CULVERT_LENGTH*Description:*

Identifies the lengths of culverts available for use in Interior Appraisals.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CULVERT_LENGTH The unique identifier for the culvert length. ex. 12 20 28	NOT NULL	NUMBER(3)
1	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
2	EFFECTIVE_DATE The date when the code value becomes available for use.	NOT NULL	DATE
3	EXPIRY_DATE The date after which the code value is no longer available for use.	NOT NULL	DATE
4	UPDATE_TIMESTAMP The date and time the code value was last modified.	NOT NULL	DATE
5	UPDATE_USERID The userid of the resource who last modified the data	NOT NULL	VARCHAR2(80)

Table: V_ECAS46_ROAD_DEV*Description:*

This view is used on the Road Section Check to identify where sections on one road may be double counted or missing sections.

It combines ads_bridge, ads_tabular_road_section and ads_engineering_section_cost entries.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
10	ECAS_ID	NULL	NUMBER(10)
20	ROAD_NAME	NULL	VARCHAR2(240)
31	SECTION_ID	NULL	NUMBER(12,0)
40	START_POINT	NULL	VARCHAR2(240)
50	END_POINT	NULL	VARCHAR2(240)
60	SECTION_TYPE	NULL	VARCHAR2(240)
70	PARTIAL_PCT	NULL	NUMBER(3,0)

Notes:

2002/12/05 LAS: Modified to include section_id to get rid of uniqueness errors in data returned.

Table: WATER_TRANSPORT_CODE*Description:*

The method of water transportation used for the cut block blending.
May be either towing or barging.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	WATER_TRANSPORT_CODE The unique identifier for the method of water transportation of the logs.	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The full description of the water transportation method. Towing Barging	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available for use.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE

Table: WOODLOT_PERIOD_CODE*Description:*

An indication of the frequency of adjustments to an appraisal when it is a woodlot.

Valid values are Annual and Quarterly.

Subset of the existing Period Type Code.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	WOODLOT_PERIOD_CODE The unique code indicating the adjustment frequency.	NOT NULL	VARCHAR2(1)
2	DESCRIPTION The full description of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE The date the value is available for use.	NOT NULL	DATE
4	EXPIRY_DATE The date after which the value is no longer available.	NOT NULL	DATE
5	UPDATE_TIMESTAMP The date and time the value was last modified.	NOT NULL	DATE