

## Oracle Designer

Report : ENTITY DEFINITION  
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### Parameter Values

Workarea : GLOBAL\_SHARED\_WORKAREA  
Container : AAC  
Container Version:  
Recurse Sub-Containers : N  
Entity Name : %  
Include Notes : Yes  
ER Diagram :

### Entities Created

On/After :  
On/Before : 08 September 2005  
and

### Entities Changed

On/After :  
On/Before : 08 September 2005

**Entity Definition**

Container: AAC      Version:

Entity

Name : CFA\_NUMBER\_CODE

Short Name : CFAC

Plural Name : CFA\_NUMBER\_CODE

Description

Community Forest Agreement - Mamagement Unit Code List

Attributes

\* - Attributes in primary unique identifier

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>	<u>Scale</u>
* CFA_NUMBER_CODE		N	VARCHAR2	3	

Unique Identifiers

<u>Name</u>	<u>Primary?</u>	<u>Attrib.Name</u>	<u>Relationship</u>	<u>To Entity Name</u>
CFAC	Yes	CFA_NUMBER_CO DE		

## Entity Definition

Container: AAC      Version:

### Entity

Name               : DETERMINATION\_MANAGEMENT\_UNIT  
Short Name         : PMU  
Plural Name        : DETERMINATION\_MANAGEMENT\_UNIT

### Description

#### MANAGEMENT UNIT

"list of management units to which aac and mu events apply" G.Lawrence  
Management Unit is a defined area of land which is managed to provide  
a volume of timber which can be harvested on a sustainable basis.

There are three major types of management units:

1. Timber Supply Areas (TSA's) - large areas with defined boundaries  
which are managed by the Forest Service, where many different  
licensees harvest timber under a variety of types of licences. The  
AAC for a TSA is for Crown Land only and is set periodically by the  
Chief Forester and is based on a TSA Rationale

2. Tree Farm Licences (TFL's) - large areas of Crown and Private  
land, covered by a single tree farm licence, and managed by the  
licensee.

The AAC for a TFL has Private land (Schedule A) and Crown  
land (Schedule B) components, each with an AAC set by the Chief  
Forester.

There may be Schedule B AAC apportioned to other forms of tenures,  
such as Small Business Forest Enterprise Program sales. TFLs are  
identified by number and name (e.g. TFL39, Squamish). The licence  
number and the management unit number are the same for TFLs.

Reporting on TFLs includes:

- Long Term Harvest Level (LTHL) in m3
- Total Area of the TFL in hectares
- Productive Area,
- Current Operating Area.

3. Woodlot Licences (WL's) - small areas of Private and Crown land,  
covered by a single woodlot licence, and managed by the licensee.  
There are separate AACs for the Private and Crown portions of the WL,  
set by the Regional Manager, District Manager, or a Forest Officer.  
The land base of the woodlot licence is removed from the TSA at the  
time the licence is issued. The AAC and Apportionment of the TSA is  
not adjusted until the next TSA analysis, based on the Inventory  
Effective Date.

There is a requirement to report the Crown portion of the Woodlot  
Licence AAC, listed by the TSA that previously covered the woodlot  
licence so that these volumes can be considered for TSA analysis.  
Monitoring of the Woodlot Licence Program requires that the Crown  
portion of the AAC (Schedule B) for all active WLs issued in the TSA  
since the last TSA analysis, be compared to the WL apportionment for  
the TSA. The schedule B AAC used for this calculation is the AAC at  
the date of issuance of the WL, not the volume currently in effect.  
Woodlot Licences may be increased in area and AAC, at the re-issuance  
date for the licence (referred to as topping up). This may occur once  
per licence, and the additional Schedule B AAC resulting from the top  
up must be included in monitoring reports.

Reporting on WLs includes the Total Area of the WL in hectares, and  
the Current Operating Area. WLs are identified by the licence number  
(e.g. W0539).

When a Woodlot Licence is terminated (closed) the land based reverts  
to the TSA from which it was established.

#### AAC Partitions

The volume of timber which makes up the AAC for a managed unit may  
come from several sources, called AAC Partitions (sometimes referred

## Entity Definition

Container: AAC      Version:

to as Partitioned Components). Partitions are used by Timber Supply Branch in AAC determination, to identify sources of timber where they have reduced confidence that the contribution to the total AAC will occur. Partitions are defined by geographic area, operability, or leading species.

The Chief Forester sets the AAC for the managed unit (and each partitioned component within it), based on a TSA Rationale, a document produced by Timber Supply Branch which details the volume of timber available, social, economic, and other factors which affect the decision on the rate of harvest. The determination date (when the chief forester signs the rationale), and AAC effective date are used for reporting AACs.

### Forms of Agreement

In TSAs, the minister apportions the timber in each partitioned compartment, determining the volume that is available to different Forms of Agreement. Forms of Agreement include:

- Forest Licences (FLs) replaceable
- Forest Licences nonreplaceable
- Timber Sale Licences (TSLs) > 10,000 M3 AAC, replaceable
- Timber Sale Licences <= 10,000 M3 AAC, replaceable
- Timber Sale Licences (major), nonreplaceable
- Timber Sale Licence Pulpwood Agreements, (Sec 18(1)a)
- Small Business Forest Enterprise Program (SBFEP) Section 16
- SBFEP Category 1 (sec 16)
- SBFEP Category 2 (sec 16)
- SBFEP Bid Proposals
- Forest Service Reserve
- Woodlot Licences

### Attributes

\* - Attributes in primary unique identifier

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>	<u>Scale</u>
* DETERMINATION_MGMT_ID		N	NUMBER	5	
MGMT_UNIT_TYPE		N	VARCHAR2	1	
MGMT_UNIT_ID		Y	VARCHAR2	4	

### Relationships

\* - Relationships in primary unique identifier

Each Occurrence Of This Entity :

MAY BE	has one or more	DETERMINATION_PARTITION_EVENT
MUST BE	operates within one and only one	ORG_UNIT

### Unique Identifiers

<u>Name</u>	<u>Primary?</u>	<u>Attrib.Name</u>	<u>Relationship</u>	<u>To Entity Name</u>
MU1	Yes	DETERMINATION_MGMT_ID		

**Entity Definition**

Container: AAC Version:

Entity

Name : DETERMINATION\_PARTITION\_EVENT

Short Name : DETEVENT

Plural Name : DETERMINATION\_PARTITION\_EVENT

Attributes

\* - Attributes in primary unique identifier

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>	<u>Scale</u>
DETERMINED_DATE		N	DATE		
EFFECTIVE_DATE		N	DATE		
ENTRY_DATE		N	DATE		
ENTRY_USERID		N	VARCHAR2	40	
* EVENT_ID		N	NUMBER	6	
COMMENTS		Y	VARCHAR2	1000	

Relationships

\* - Relationships in primary unique identifier

Each Occurrence Of This Entity :

* MUST BE	applies to one and only one	DETERMINATION_MANAGEMENT_UNIT
MUST BE	determined by one and only one	DETERMINER
MUST BE	has one or more	DETERMINATION_PARTITION_VALUE
MUST BE	is described by one and only one	DETERMINATION_TYPE_CODE

Unique Identifiers

<u>Name</u>	<u>Primary?</u>	<u>Attrib.Name</u>	<u>Relationship</u>	<u>To Entity Name</u>
MUE	Yes	EVENT_ID		
			applies to	DETERMINATION_MANAGEMENT_UNIT

**Entity Definition**

Container: AAC Version:

Entity

Name : DETERMINATION\_PARTITION\_TYPE  
 Short Name : DPT  
 Plural Name : DETERMINATION\_PARTITION\_TYPE  
 Initial Volume : 3  
 Maximum Volume : 3

Description

Partition type for which the Allowable Annual Cut is being recorded

Attributes

\* - Attributes in primary unique identifier

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>	<u>Scale</u>
DESCRIPTION		N	VARCHAR2	120	
DETERMINATION_PARTITION_TYPE		N	VARCHAR2	40	
* DETERMINATION_PARTITION_TYPE_ID		N	NUMBER	2	
SHORT_NAME		N	VARCHAR2		
UPDATE_TIMESTAMP		N	DATE		

Relationships

\* - Relationships in primary unique identifier

Each Occurrence Of This Entity :

MAY BE assigned to one or more DETERMINATION\_PARTITION\_VALUE

Unique Identifiers

<u>Name</u>	<u>Primary?</u>	<u>Attrib.Name</u>	<u>Relationship</u>	<u>To Entity Name</u>
DETPARTTYPEID	Yes	DETERMINATION_PARTITION_TYPE_ID		

**Entity Definition**

Container: AAC Version:

Entity

Name : DETERMINATION\_PARTITION\_VALUE

Short Name : DETEVNTVAL

Plural Name : DETERMINATION\_PARTITION\_VALUE

Description

statistical variables and values associated with each particular aac event

Attributes

\* - Attributes in primary unique identifier

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>	<u>Scale</u>
AREA		Y	NUMBER	12	
VOLUME		Y	NUMBER	12	,1

Relationships

\* - Relationships in primary unique identifier

Each Occurrence Of This Entity :

* MUST BE	associated with one and only one	DETERMINATION_PARTITION_EVENT
* MUST BE	identified by one and only one	DETERMINATION_PARTITION_TYPE

Unique Identifiers

<u>Name</u>	<u>Primary?</u>	<u>Attrib.Name</u>	<u>Relationship</u>	<u>To Entity Name</u>
DETEVNTVAL	Yes		associated with	DETERMINATION_PARTITION_EVENT
			identified by	DETERMINATION_PARTITION_TYPE

**Entity Definition**

Container: AAC      Version:

Entity

Name : DETERMINATION\_TYPE\_CODE

Short Name : DETTYP

Plural Name : DETERMINATION\_TYPE\_CODE

Description

types of determination

Attributes

\* - Attributes in primary unique identifier

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>	<u>Scale</u>
DESCRIPTION		N	VARCHAR2	120	
* DETERMINATION_TYPE_CODE		N	VARCHAR2	20	
EFFECTIVE_DATE		N	DATE		
EXPIRY_DATE		N	DATE		
UPDATE_TIMESTAMP		N	DATE		

Relationships

\* - Relationships in primary unique identifier

Each Occurrence Of This Entity :

MAY BE	describes one or more	DETERMINATION_PARTITION_EVENT
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Unique Identifiers

<u>Name</u>	<u>Primary?</u>	<u>Attrib.Name</u>	<u>Relationship</u>	<u>To Entity Name</u>
DT	Yes	DETERMINATION_TYPE_CODE		

**Entity Definition**

Container: AAC Version:

Entity

Name : DETERMINER

Short Name : DETRMNR

Plural Name : DETERMINER

Description

list of determination authorities

Attributes

\* - Attributes in primary unique identifier

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>	<u>Scale</u>
DETERMINER_FULL_NAME		N	VARCHAR2	50	
* DETERMINER_ID		N	NUMBER		
DETERMINER_SHORT_NAME		N	NUMBER	4	

Relationships

\* - Relationships in primary unique identifier

Each Occurrence Of This Entity :

MAY BE	determines one or more	DETERMINATION_PARTITION_EVENT
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Unique Identifiers

<u>Name</u>	<u>Primary?</u>	<u>Attrib.Name</u>	<u>Relationship</u>	<u>To Entity Name</u>
DET	Yes	DETERMINER_ID		

**Entity Definition**

Container: AAC      Version:

Entity

Name : ORG\_UNIT

Short Name : ORG\_UNIT

Plural Name : ORG\_UNIT

Description

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

Attributes

\* - Attributes in primary unique identifier

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>	<u>Scale</u>
AREA_CODE		N	CHAR	3	
LOCATION_CODE		N	CHAR	3	
OFFICE_NAME_CODE		N	CHAR	2	
ORG_LEVEL_CODE		N	CHAR	1	
ORG_UNIT_CODE		N	CHAR	6	
ORG_UNIT_NAME		N	VARCHAR2	100	
* ORG_UNIT_NO		N	INTEGER	10	
ROLLUP_DIST_CODE		N	CHAR	6	
ROLLUP_DIST_NO		N	INTEGER		
ROLLUP_REGION_CODE		N	CHAR	6	
ROLLUP_REGION_NO		N	INTEGER		
TELEPHONE_NO		N	CHAR	7	
EFFECTIVE_DATE		Y	DATE		
EXPIRY_DATE		Y	DATE		
UPDATE_TIMESTAMP		Y	TIMESTAMP		

Relationships

\* - Relationships in primary unique identifier

Each Occurrence Of This Entity :

MAY BE categorized by one or more DETERMINATION\_MANAGEMENT\_UNIT

Unique Identifiers

<u>Name</u>	<u>Primary?</u>	<u>Attrib.Name</u>	<u>Relationship</u>	<u>To Entity Name</u>
OU1	Yes	ORG_UNIT_NO		

**Entity Definition**

Container: AAC      Version:

Entity

Name : PSYU\_NUMBER\_CODE

Short Name : PSYU

Plural Name : PSYU\_NUMBER\_CODE

Description

Contains the list of Public Sustained Yield Unit - Management unit codes maintained for historical purposes

Attributes

\* - Attributes in primary unique identifier

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>	<u>Scale</u>
* PSYU_NUMBER_CODE		N	VARCHAR2	3	

Unique Identifiers

<u>Name</u>	<u>Primary?</u>	<u>Attrib.Name</u>	<u>Relationship</u>	<u>To Entity Name</u>
PNC	Yes	PSYU_NUMBER_C ODE		

**Entity Definition**

Container: AAC      Version:

Entity

Name : TFL\_NUMBER\_CODE

Short Name : TNC

Plural Name : TFL\_NUMBER\_CODE

Attributes

\* - Attributes in primary unique identifier

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>	<u>Scale</u>
* TFL_NUMBER_CODE		N	VARCHAR2	3	

Unique Identifiers

<u>Name</u>	<u>Primary?</u>	<u>Attrib.Name</u>	<u>Relationship</u>	<u>To Entity Name</u>
TNC	Yes	TFL_NUMBER_CO DE		

**Entity Definition**

Container: AAC      Version:

Entity

Name : TSA\_NUMBER\_CODE

Short Name : TNC1

Plural Name : TSA\_NUMBER\_CODE

Attributes

\* - Attributes in primary unique identifier

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>	<u>Scale</u>
* TSA_NUMBER_CODE		N	VARCHAR2	3	

Unique Identifiers

<u>Name</u>	<u>Primary?</u>	<u>Attrib.Name</u>	<u>Relationship</u>	<u>To Entity Name</u>
TNC1	Yes	TSA_NUMBER_CO DE		

Oracle Designer

ENTITY DEFINITION REPORT

End of Report