

Entity and Attribute Definitions Report

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Total Pages: 72
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Parameters

<i>Application:</i>	BCAS
<i>Entities:</i>	%
<i>ER Diagram:</i>	%
<i>Include Entity Notes?</i>	Y
<i>Include Attribute Descriptions?</i>	Y
<i>Include Attribute Notes?</i>	Y
<i>Include Attribute Values?</i>	Y
<i>Include Table of Contents?</i>	N
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Entity Name: ACTIVITY DISTRIBUTION				<i>Short Name:</i>	ADI
<i>Plural:</i>	ACTIVITY DISTRIBUTION				
<i>Init. Volume:</i>	10000	<i>Avg. Volume:</i>	20000	<i>Max. Volume:</i>	50000
				<i>Annual Growth Rate:</i>	

Description:

The distribution percentage of each EEs annual salary to the activity envelope. This entity is populated during the Salary distribution process which occurs following the Salary to CAS data reconciliation. An entry will be added for each Cost Envelope identified by each EE.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
PERCENT		Y	NUMBER	5,2
The percent of the EEs annual salary to be applied to the specific activity envelope.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE rolled up into one and only one SALARY ANNUAL ACTIVITY
- * MUST BE an ees activity for one and only one SALARY ANNUALIZED
- * = Relationships in primary unique identifier.

Unique Identifiers:

SDI	Primary	Y
MUST BE an ees activity for one and only one SALARY ANNUALIZED		
MUST BE rolled up into one and only one SALARY ANNUAL ACTIVITY		

Entity Name: ACTIVITY ENVELOPE CODE

Short Name:

AEC

Plural: ACTIVITY ENVELOPE CODE

Init. Volume: 20

Avg. Volume: 20

Max. Volume: 50

Annual Growth Rate: 5%

Description:

The classification of allocation activities to support activity-based costing. For example, Corporate Overhead, Operating Overhead, Planning etc.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ACTIVITY ENVELOPE CODE		N	VARCHAR2	10
The code commonly associated with the activity envelope.				
The following codes will be defined here:				
Code	Description			
Corp O/H	Corporate Overhead			
Oper O/H	Operating Overhead			
Planning	Planning			
Sales	Sales			
Sales -H/C	Sales - Harvest Conformance (period cost)			
Access	Access			
Access - Rd/Br	Access - Road & Bridge Maintenance / Deactivation (period cost)			
Silv	Silviculture			
P/A	????			
DESCRIPTION		N	VARCHAR2	120
The textual description of the Activity Envelope.				
SHORT DESCRIPTION		N	VARCHAR2	50
An abbreviation of the formal description of the Envelope used to head up reports and displays.				
EFFECTIVE DATE		N	DATE	
The date upon which this entry becomes in force. The time is assumed to be 00:00				
EXPIRY DATE		Y	DATE	
The date after which this entry ceases to be in force. The time is assumed to be 23:59.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MAY BE a qualification for one or more ALLOCATION FROM

MAY BE qualified by one or more ALLOCATION TO

MAY BE the classification for one or more BCAS COST ALLOCATION RULE

MAY BE include one or more BCAS SERVICE LINE

MAY BE the classification for one or more POOLED CODE RULE

MAY BE a category for one or more SALARY ANNUAL ACTIVITY

* = Relationships in primary unique identifier.

Unique Identifiers:

EL Primary Y

ACTIVITY ENVELOPE CODE

Notes:

2006.12.18 RjB: Currently, this table is seen as being set up manually within the BCAS domain. When individual Service Lines are set up during the loading of the BCTS CoA, the Activity Envelope is not electronically available. Following the CoA download, a maintenance activity must be performed for those individual Service Lines that are not associated with an Activity Envelope.

Entity Name:	ACTIVITY ENVELOPE CODE (cont'd)	<i>Short Name:</i>	AEC
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2007 Feb 4: Addresses requirements:
Section 4.2.4.4.2.2 - Service Line / Activity Envelope relationship: A mechanism is required to enable users to interrelate this and the BCAS SERVICE LINE entities.

Entity Name: ALLOCATION BATCH				Short Name:	ALB
Plural:	ALLOCATION BATCH				
Init. Volume:	15	Avg. Volume:	20	Max. Volume:	50
				Annual Growth Rate:	

Description:
The batch Job that allocates costs for a FY in an automated manner.

Attributes:					
	<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
*	COST ALLOCATION JOB ID		N	NUMBER	12
	A unique ID that identifies the Allocation Batch job.				
	JOB SEQUENCE NBR		N	NUMBER	12
	The sequence that the job appears on the screen and that must dictate the order of auto allocation execution.				
	DESCRIPTION SHORT		N	VARCHAR2	50
	A short description of the batch job as it may appear on certain screens or reports.				
	DESCRIPTION LONG		Y	VARCHAR2	250
	A long description of the batch job as it may appear on certain screens or reports.				
	ENTRY TIMESTAMP		N	DATE	
	The date-time that this row was initially entered.				
	ENTRY USERID		N	VARCHAR2	30
	The user who initially entered this row.				
	UPDATE TIMESTAMP		Y	DATE	
	The date-time that this row was most recently updated.				
	UPDATE USERID		Y	VARCHAR2	30
	The user who most recently updated this row.				
	* = Attributes in primary unique identifier.				

Relationships:
Each Occurrence Of This Entity:
MAY BE applies one or more BCAS COST ALLOCATION RULE
or MAY BE the container of one or more POOLED CODE RULE
MAY BE progressed one or more ALLOCATION STATUS
* = Relationships in primary unique identifier.

Unique Identifiers:	
ALBSEQ	Primary N
JOB SEQUENCE NBR	
ALBJOBID	Primary Y
COST ALLOCATION JOB ID	

Entity Name: ALLOCATION FROM

Short Name:

ALF

Plural: ALLOCATION FROM

Init. Volume: 50000

Avg. Volume: 200000

Max. Volume: 1000000

Annual Growth Rate: 100%

Description:

Allocations made both directly and indirectly from GL Expense, Activity envelope, Cut Block, Road or Pooled Project Codes entries. These will be the debit or DR side of the dual-entry accounting transaction.

A specific double-entry accounting transaction may be to one or more 'Allocation To' sub-type.

See the discussions in each of the ALLOCATION FROM subtypes for rules concerning allocations from each of these subtypes.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ALLOCATION SEQ NO		N	NUMBER	10
An unique sequence number applied to each specific allocation in order to retain the order of allocations.				
AMOUNT		N	NUMBER	12,2
The amount allocated from the source.				
AUTO CREATED		N	VARCHAR2	1
(Y)es if the entry was a result of an Auto Allocation, (N)o if it was the result of a manual allocation				

No entry may be changed. Entries that were the result of Auto Allocation cannot have further Allocations made against them. Entries that were the result of Manual Allocation may have further allocations made against them.

2007 Feb 4 RjB: Addresses requirements:

Section 4.2.4.1.3 - Changes will not be allowed to the results of automated BCAS validation / allocation processes.

EXPLANATION	Y	VARCHAR2	2000
An explanation entered by the used to explain the specific allocation activity.			
EFFECTIVE DATE	N	DATE	
The date that the allocation is effective. This will ALWAYS be, for GL Expense JE Detail allocations, the effective date of the originating GL Expense JE Detail or, in the case of Salary Allocations, March 31 of the FY end date of the Payroll entries.			
ENTRY TIMESTAMP	N	DATE	
The date-time that this row was initially entered.			
ENTRY USERID	N	VARCHAR2	30
The user who initially entered this row.			
UPDATE TIMESTAMP	Y	DATE	
The date-time that this row was most recently updated.			
UPDATE USERID	Y	VARCHAR2	30
The user who most recently updated this row.			

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE associated with one and only one ACTIVITY ENVELOPE CODE

MUST BE created in one and only one ALLOCATION GROUP

MAY BE linked from previous one and only one ALLOCATION TO

MUST BE allocated to one or more ALLOCATION TO

MAY BE reference one and only one BCAS CHART OF ACCOUNT

MAY BE the result of the application of one and only one BCAS COST ALLOCATION RULE

MAY BE created with one and only one POOLED CODE RULE

* = Relationships in primary unique identifier.

Entity Name:	ALLOCATION FROM (cont'd)	Short Name:	ALF
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Unique Identifiers:

ALF

Primary Y

ALLOCATION SEQ NO

Notes:

Addresses Requirements:

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Section 4.2.5.2.4 - All BCTS expense transactions that are the result of a BCAS allocation will be identified as such in separate transaction record field. This is satisfied because ALL such transactions will be present in this entity (as well as in its sister entity ALLOCATION TO). This includes the allocation of Salary to Activity Codes.

Section 4.2.5.2.1.6 - All BCAS allocations must follow dual entry accounting principles. This is supported by the parallel entries in ALLOCATION FROM and ALLOCATION TO.

Subtypes:

- ALLOCATION FROM COST ENVELOPE
- ALLOCATION FROM CUT BLOCK
- ALLOCATION FROM GL
- ALLOCATION FROM POOL
- ALLOCATION FROM ROAD

Entity Name: ALLOCATION FROM COST ENVELOPE		Short Name:	AFE
Plural:	ALLOCATION FROM COST ENVELOPE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	ALLOCATION FROM		

Description:

A subtype within the 'Allocation From' entity identifying that the Allocation was from a specific Cost Envelope (CE) related to Salaries.

Allocations may be made from SALARY ANNUAL ACTIVITY for a given CE to Pools, Cut Blocks and/or Roads. Refer to the appropriate Allocation To subtype for specific rules surrounding the allocations. The following allocations from SALARY ANNUAL ACTIVITY are permitted:

Salary CEs to Pooled Code:
Allocations are made from a specific SALARY ANNUAL ACTIVITY entry to Pool project codes. In this case, the pooled code must be defined in the POOLED PROJECT CODE table and the full CCID must be defined in the BCAS COA.

GL Expense to Road:
Allocations are made from a specific SALARY ANNUAL ACTIVITY entry to a Road. In this case, the Road must be defined in ROAD and the full CCID must be defined in the BCAS COA.

GL Expense to Cut Block:
Allocations are made from a specific SALARY ANNUAL ACTIVITY entry to a Cut Block. In this case, the Cut Block must be defined in CUT BLOCK and the full CCID must be defined in the BCAS COA.

Attributes:

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

Relationships:

Each Occurrence Of This Entity:

MAY BE an allocation of one and only one SALARY ANNUAL ACTIVITY
* = Relationships in primary unique identifier.

Entity Name: ALLOCATION FROM CUT BLOCK		Short Name:	AFB
Plural:	ALLOCATION FROM CUT BLOCK		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	ALLOCATION FROM		

Description:

A subtype within the 'Allocation From' entity identifying that the Allocatioin was from a Cut Block. An allocation can be made from this specific subtype ONLY if it is a re-allocation of an amount previously allocated to the same Cut Block (in this fiscal year).

Allocations may be made from a specific CUT BLOCK. The following allocations from Cut Blocks are permitted:

Cut Block to Cut Block:
Allocations are made from a specific CUT BLOCK entry to another Cut Block. In this case, both the 'from' and th 'to' Cut Block must be defined in the CUT BLOCK table and the full CCID must be defined in the BCAS COA.

Attributes:

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

Relationships:

Each Occurrence Of This Entity:

MAY BE the allocation source from one and only one COST ALLOCATION CUT BLOCK

* = Relationships in primary unique identifier.

Notes:

2007 Feb 4 RjB Addresses requiremntns:
Section 4,2,4,1.3 - Changes will not be allowed to the results of automated allocations (but by inference, will be allowed to manual allocations. Need to check the AUTO CREATED attribute of the ALOCATION ENTITY transactions.

Entity Name: ALLOCATION FROM GL		<i>Short Name:</i>	AFG
<i>Plural:</i>	ALLOCATION FROM GL		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	ALLOCATION FROM		

Description:

A subtype within the 'Allocation From' entity identifying that the Allocatioin was directly from GL Expense.

Allocations may be made from a specific non-salary GL EXPENSE. The following allocations from GL EXPENSE are permitted:

GL Expense to Pooled Code:
Allocations are made from a specific GL EXPENSE entry to Pool project codes. In this case, the pooled code must be defined in the POOLED PROJECT CODE table and the full CCID must be defined in the BCAS COA.

GL Expense to Road:
Allocations are made from a specific GL EXPENSE entry to a Road. In this case, the Road must be defined in ROAD and the full CCID must be defined in the BCAS COA.

GL Expense to Cut Block:
Allocations are made from a specific GL EXPENSE entry to a Cut Block. In this case, the Cut Block must be defined in CUT BLOCK and the full CCID must be defined in the BCAS COA.

Attributes:

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

Relationships:

Each Occurrence Of This Entity:

MAY BE an allocation of one and only one GL EXPENSE JE DETAIL

* = Relationships in primary unique identifier.

Entity Name: ALLOCATION FROM POOL		<i>Short Name:</i>	AFP
<i>Plural:</i>	ALLOCATION FROM POOL		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	ALLOCATION FROM		

Description:

A subtype within the 'Allocation From' entity identifying that the Allocatioin was from a Pooled Code.

Allocations may be made from a specific Pooled Code. The following allocations from POOLED PROJECT CODES are permitted:

Pooled Code to Road:
Allocations are made from a specific Pooled Project Code entry to a Road. In this case, the pooled code must be defined in the POOLED PROJECT CODE table, the Road defined in ROAD and the full CCID must be defined in the BCAS COA.

Pooled Code to Cut Block:
Allocations are made from a specific Pooled Project Code entry to a Cut Block. In this case, the Pooled Code must be defined in POOLED PROJECT CODE, the Cut Block in CUT BLOCK and the full CCID must be defined in the BCAS COA.

Attributes:

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

Relationships:

Each Occurrence Of This Entity:

MAY BE referenced in one and only one POOLED PROJECT CODE

* = Relationships in primary unique identifier.

Notes:

2007 Feb 04 RjB: Addresses requirements:
Section 4.2.5.2.1.1.3 - Accounting pool costs maybe allocated to URIs or UBIs.

Entity Name: ALLOCATION FROM ROAD		Short Name:	AFR
Plural:	ALLOCATION FROM ROAD		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	ALLOCATION FROM		

Description:

A subtype within the 'Allocation From' entity identifying that the Allocatioin was from a Road.

Allocations may be made from a specific ROAD, The following allocations from Roads are permitted:

Road to Cut Block:
Allocations are made from a specific ROAD entry to a Cut Block. In this case, the Road must be defined in ROAD and the Cut Block must be defined in the CUT BLOCK table and the full CCID must be defined in the BCAS COA.

Attributes:

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

Relationships:

Each Occurrence Of This Entity:

MAY BE an allocation of one and only one COST ALLOCATION ROAD

* = Relationships in primary unique identifier.

Notes:

2007 Feb 4 RjB: Addresses requiremetns:
Section 4.2.5.2.1.1.4 - Allocate URI costs to UBIs.

Entity Name: ALLOCATION GROUP				Short Name:	ALG
Plural:	ALLOCATION GROUP				
Init. Volume:	500	Avg. Volume:	500	Max. Volume:	5000
				Annual Growth Rate:	100%

Description:

The group under which Allocation Transactions are created. This gives a date-time with which to associate a group of individual adjustment transactions committed at the same time.

For manual allocation, the group will be a set of allocations that are defined in a given user session. When allocations are entered on the screen by the user, the group status will be (E)xecuted but not updated. If the user saves them, the status is updated to DB (U)pdated.

If the allocation group is reversed (providing that is an option), this status reverts back to "(E)xecuted, but not updated."

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ALLOCATION GRP NO		N	NUMBER	10
The group number of the Adjustment Transaction group. This is the X-Ref discussed in the requiremetns.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE the container for one or more ALLOCATION FROM
- MAY BE defined by one and only one ALLOCATION STATUS
- MUST BE controlled by one and only one ALLOCATION STATUS CODE
- MAY BE the container for one or more ALLOCATION TO
- * MUST BE for a fiscal year in one and only one FISCAL YEAR CONTROL
- * = Relationships in primary unique identifier.

Unique Identifiers:

ALCNGRP	Primary	Y
MUST BE for a fiscal year in one and only one FISCAL YEAR CONTROL		
ALLOCATION GRP NO		

Entity Name: ALLOCATION STATUS				<i>Short Name:</i>	ALS
<i>Plural:</i>	ALLOCATION STATUS				
<i>Init. Volume:</i>	15	<i>Avg. Volume:</i>	50	<i>Max. Volume:</i>	105
				<i>Annual Growth Rate:</i>	100%

Description:

Controls the execution of individual batch allocations for a given FY.

Immediately following the loading of external data, none of the automatic allocations will have been performed. The status of the batch allocation entry will initially be (N)ot executed. When the specific batch allocation is submitted, this status will be updated to (E)xecuted, but not updated. If the batch allocation is saved to the database (Updated or Committed), then the status changes to DB (U)pdated.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE the status of one and only one ALLOCATION BATCH
- MAY BE defines one and only one ALLOCATION GROUP
- MUST BE qualified by one and only one ALLOCATION STATUS CODE
- * MUST BE for a FY given by one and only one FISCAL YEAR CONTROL
- * = Relationships in primary unique identifier.

Unique Identifiers:

ALS	Primary	Y
MUST BE for a FY given by one and only one FISCAL YEAR CONTROL		
MUST BE the status of one and only one ALLOCATION BATCH		

ASC

Annual Growth Rate:

ALLOCATION STATUS CODE

Entity Name: ALLOCATION TO

Short Name:

ALT

Plural: ALLOCATION TO

Init. Volume: 100000 Avg. Volume: 500000 Max. Volume: 5000000 Annual Growth Rate: 100%

Description:

Allocations made both directly and indirectly to Cut Block, Road or Pooled Project Code entries. These will be the credit or CR side of the dual-entry accounting transaction.

Distribution may occur in allocations such that more than one Allocation To may be created from each Allocation From.

See the discussions in each of the ALLOCATION TO subtypes for rules concerning allocations to each of these subtypes.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* ALLOCATION TO SEQ NO		N	NUMBER	10
A sequence number applied to the Allocation To in order to retain the distribution order of allocation.				
AMOUNT		N	NUMBER	12,2
The amount allocated to the specific destination.				
AUTO CREATED		N	VARCHAR2	1
(Y)es if the entry was a result of an Auto Allocation, (N)o if it was the result of a manual allocation				

No entry may be changed. Entries that were the result of Auto Allocation cannot have further Allocations be made against them. Entries that were the result of Manual Allocation may have further allocation made against them.

2007 Feb 4 RjB: Addresses requirements:

Section 4.2.4.1.3 - Changes will not be allowed to the results of automated BCAS validation / allocation processes.

EXPLANATION	Y	VARCHAR2	2000
An explanation entered by the user to explain the specific allocation activity.			
ENTRY TIMESTAMP	N	DATE	
The date-time that this row was initially entered.			
ENTRY USERID	N	VARCHAR2	30
The user who initially entered this row.			
UPDATE TIMESTAMP	Y	DATE	
The date-time that this row was most recently updated.			
UPDATE USERID	Y	VARCHAR2	30
The user who most recently updated this row.			

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE associated with one and only one ACTIVITY ENVELOPE CODE

MAY BE linked to next one and only one ALLOCATION FROM

* MUST BE the allocation of one and only one ALLOCATION FROM

MUST BE created in one and only one ALLOCATION GROUP

MAY BE associated with one and only one BCAS CHART OF ACCOUNT

MAY BE the result of application of one and only one BCAS COST ALLOCATION RULE

MAY BE a qualification of one and only one POOLED CODE RULE

* = Relationships in primary unique identifier.

Unique Identifiers:

ALT Primary Y

MUST BE the allocation of one and only one ALLOCATION FROM
ALLOCATION TO SEQ NO

Entity Name:	ALLOCATION TO (cont'd)	<i>Short Name:</i>	ALT
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Notes:

Addresses Requirements:

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Section 4.2.5.2.1.3 - Each allocation to a cost object will result in a new, additional transaction entry in the BCAS database.

Section 4.2.5.2.1.4 - All BCTS expense transactions that are the result of a BCAS allocation will be identified as such in separate transaction record field. This is satisfied because ALL such transactions will be present in this entity (as well as in its sister entity ALLOCATION FROM). This includes the allocation of Salary to Activity Codes.

Section 4.2.5.2.1.6 - All BCAS allocations must follow dual entry accounting principles. This is supported by the parallel entries in ALLOCATION FROM and ALLOCATION TO.

Subtypes:

- ALLOCATION TO CUT BLOCK
- ALLOCATION TO POOL
- ALLOCATION TO ROAD
- ALLOCATION TO ROAD

Entity Name: ALLOCATION TO CUT BLOCK		<i>Short Name:</i>	ATB
<i>Plural:</i>	ALLOCATION TO CUT BLOCK		
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>
<i>Subtype of:</i>	ALLOCATION TO		

Description:

A subtype within the 'Allocation To' entity identifying that the Allocatioin was to a Cut Block. Allocations to Cut Blocks may be from CEs, GL Expense, Pools, Roads or other Cut Blocks. See the appropriate Allocaton From description associated with the specific subtypes.

Attributes:

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

Relationships:

Each Occurrence Of This Entity:

MAY BE through one and only one COST ALLOCATION CUT BLOCK

* = Relationships in primary unique identifier.

Entity Name: ALLOCATION TO POOL		Short Name:	ATP
Plural:	ALLOCATION TO POOL		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	ALLOCATION TO		

Description:

A subtype within the 'Allocation To' entity identifying that the Allocatioin was to a Pool Code. Allocations can only be made to Pools from CEs or GL Expense entries.

Attributes:

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

Relationships:

Each Occurrence Of This Entity:

MAY BE referenced in one and only one POOLED PROJECT CODE

* = Relationships in primary unique identifier.

Notes:

2007 Feb 4 RjB: Addresses requirements:
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Section 4.2.5.2.1.1.2 - Allocation of overhead costs to activity accounting pools.

Section 4.2.5.2.2.1 - BCTS staff person salary/benefit costs will be allocated to pooled project codes (operational administration, corporate overhead, planning, sales, access and silviculture). Allocation will be done from Salary Details.

Section 4.2.5.2.2.2 - Allocation of salary/benefit costs to pooled project codes will occur prior to any allocation of pooled costs to UBIs or URIs.

Entity Name: ALLOCATION TO ROAD		Short Name:	ATR
Plural:	ALLOCATION TO ROAD		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:
Subtype of:	ALLOCATION TO		

Description:

A subtype within the 'Allocation To' entity identifying that the Allocatioin was to a Road. Allocations can only be made to Roads from CEs, GL Expense or Pooled Codes

Attributes:

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

Relationships:

Each Occurrence Of This Entity:

MAY BE allocated to one and only one COST ALLOCATION ROAD

* = Relationships in primary unique identifier.

Entity Name: BCAS CHART OF ACCOUNT

Short Name:

COA

Plural: BCAS CHART OF ACCOUNT

Init. Volume: 10000

Avg. Volume: 50000

Max. Volume: 100000

Annual Growth Rate: 20%

Description:

A subset of the CAS Chart of Accounts (CoA) for individual fiscal years that specifically applies to BCTS.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* CAS LOCATION		N	VARCHAR2	6
The Location code as used in the CAS ACK coding for the CoA. For BCTS, this is unconditionally set to '000000'				
CAS FUTURE		Y	VARCHAR2	4
A component of the CAS ACK that is reserved for future expansion. Will not be part of the primary key at this time.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MAY BE referenced by one or more ALLOCATION FROM

MAY BE a constraint on one or more ALLOCATION TO

- * MUST BE limited to a one and only one BCAS CLIENT CODE
- * MUST BE associated with one and only one BCAS PROJECT
- * MUST BE associated with one and only one BCAS RESPONSIBILITY
- * MUST BE associated with one and only one BCAS SERVICE LINE
- * MUST BE expensed using one and only one EXPENSE STOB CODE
- * MUST BE for the fiscal year given by one and only one FISCAL YEAR CONTROL

MAY BE a categorization of one or more GL EXPENSE JE DETAIL

* = Relationships in primary unique identifier.

Unique Identifiers:

BCTSCOA

Primary Y

MUST BE for the fiscal year given by one and only one FISCAL YEAR CONTROL

MUST BE limited to a one and only one BCAS CLIENT CODE

MUST BE associated with one and only one BCAS RESPONSIBILITY

MUST BE associated with one and only one BCAS SERVICE LINE

MUST BE expensed using one and only one EXPENSE STOB CODE

MUST BE associated with one and only one BCAS PROJECT

CAS LOCATION

Notes:

2006.12.18 RjB: This entity is populated/updated when the BCTS CoA is downloaded from CAS at the beginning of each fiscal year. If an entry in the CoA download already exists in this table, the table entry is not changed (the Expiry date is left as NULL) unless it applies to a fiscal year not currently included in the Fiscal Periods. If an entry in the CoA download does not exist in this table, a new entry will be created with an effective date of April 1 of the new FY. If an entry in this table no longer appears in the CoA download, its entry will be expired by setting the EXPIRY DATE to March 31 of the last FY.

Entity Name:	BCAS CHART OF ACCOUNT (cont'd)	<i>Short Name:</i>	COA
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Addresses requirements:

Section 4.2.4.2.1 - Business rules will be established for loading new CoA from CAS into BCAS.

Section 4.2.4.4.1.3 - A Service Line code table is not seen as a requirement. The CoA will be downloaded from CAS and has the Service Line as a key compoennt of the ACK. When allocating from or to CoA ACKs, the user can progressively select the ACK components based on what values appear in the CoA.

Section 4.2.4.4.1.4 - An Expense STOB code table is not seen as a requirement. The CoA will be downloaded from CAS and has the STOB as a key compoennt of the ACK. When allocating from or to CoA ACKs, the user can progressively select the ACK components based on what values appear in the CoA.

Entity Name: BCAS CLIENT CODE				Short Name:	CLN
Plural:	BCAS CLIENT CODE				
Init. Volume:	3000	Avg. Volume:	3000	Max. Volume:	10000
				Annual Growth Rate:	20%

Description:

The CAS Client code for BCTS.
The value of the BCTS client code is '0AT'

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* BCAS CLIENT CODE		N	VARCHAR2	3
Client part of the ACK (Accounting Control Key) which comprises: Client X(3), Responsibility X(5), Service Line X(5), STOB X(4), Project X(7) and Location X(6).				
Since it is not, at this time, used, Location is set, unconditionally to '000000'				
The CLient will always be '0AT' for BCTS.				
An example of an ACK is: '0AT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.				
DESCRIPTION		N	VARCHAR2	240
The textural description of BCAS (client 0AT) for reports, screens etc.				
EFFECTIVE DATE		N	DATE	
The date on which this Client Code became effective				
EXPIRY DATE		Y	DATE	
The date after which this Client code ceased to be effective.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE the scope of the one or more BCAS CHART OF ACCOUNT
* = Relationships in primary unique identifier.

Unique Identifiers:

CASCLNT	Primary	Y
BCAS CLIENT CODE		

Notes:

2006.12.18 RjB: There will be just a single entry in this table which, for BCTS is '0AT' (NOTE THAT THE FIRST CHARACTER IS A ZERO NOT THE LETTER 'O').
This code will be set up before any CAS downloads are performed and all BCTS CoA entries MUST reference this and only this Client.

Entity Name: BCAS COST ALLOCATION RULE

Short Name:

ALR

Plural: BCAS COST ALLOCATION RULE

Init. Volume: 1000

Avg. Volume: 5000

Max. Volume: 10000

Annual Growth Rate: 25%

Description:

Rules to define the allocation of expense amounts from explicit Projects (not Pooled Project Codes) or Salary entries to Cut Blocks or Roads. The amount to be allocated through this rule is either explicitly stated in the AMOUNT attribute or is calculated using the PCT attribute.

Relationships:

There are 2 relationships between this entity and others that enable the allocation of explicit Project codes to Cut Blocks or Roads. One relationship to BCAS PROJECT defines the source of the allocation and the other to this same entity defines the destination of the allocation. While the destination entity could have been defined as BCAS CUT BLOCK or BCAS ROAD, it was thought to be more flexible to set the destination relationship to BCAS PROJECT and constrain the destination with appropriate program code.

Similarly, there is a relationship from this entity to the ALLOCATION FROM entity which defines the rule used to create specific allocations.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* RULE ID		N	NUMBER	10
The Unique ID of the rule.				
RULE SEQUENCE NBR		N	NUMBER	6
The sequence of execution of the Rules if they are promoted to run under an automatic batch job.				
DESCRIPTION		Y	VARCHAR2	50
The common description of this Allocation Rule. E.G. Allocate a part of a multi-block planning activity to a specific Cut Block.				
AMOUNT		Y	NUMBER	12,2
The amount that is allocated by this rule from the source. If the amount is specified, the ALLOCATION PERCENT must be NULL.				
PCT		Y	NUMBER	6,3
The percentage that is allocated by this rule from the source. If the percent is specified, the ALLOCATION AMOUNT must be NULL.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MAY BE associated with one and only one ACTIVITY ENVELOPE CODE

MAY BE applied in one and only one ALLOCATION BATCH

MAY BE applied to create one or more ALLOCATION FROM

MAY BE applied to create one or more ALLOCATION TO

MUST BE allocates from one and only one BCAS PROJECT

MUST BE an allocation to one and only one BCAS PROJECT

* = Relationships in primary unique identifier.

Unique Identifiers:

Entity Name:	BCAS COST ALLOCATION RULE (cont'd)	<i>Short Name:</i>	ALR
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ALOCRULE

Primary Y

RULE ID

Notes:

2007 Feb 04 RjB: Addressing Requirements:
Section 4.2.2.3.3 - Automated allocation of Road costs to Cut Blocks.

Section 4.2.4.4.1.9 - Level of Association code table - The level of association is seen as the Pooled Code Rule that associates a Pooled Project to a Project Code (URI or UBI) or the Allocation Rule that associates a Salary Detail to a Project Code (URI or UBI).

Section 4.2.5.2.1.1.1 - This entity contains the rules for automatically allocating salary to Projects.

Section 4.2.5.2.1.1.5 - Allocation of costs using user-defined business rules.

Section 4.2.5.2.4.1 - A BCTS expense is identified as being a corporate overhead administrative expense based on BCTS cost accounting business rules. This entry will enable the expense from GL Expense JE Detail to be allocated to a Corporate Overhead Admin Expense.

Entity Name: BCAS INVOICE				Short Name:	INV
Plural:	BCAS INVOICE				
Init. Volume:	10000	Avg. Volume:	10000	Max. Volume:	100000
				Annual Growth Rate:	100%

Description:

The Vendor invoice that generated the GL EXPENSE JE DETAIL for the VENDOR.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* INVOICE ID		N	NUMBER	15
The invoice ID associated with this particular Invoice. This will be a unique ID from CAS.				
INVOICE NUMBER		N	VARCHAR2	50
The vendor's Invoice Number				
INVOICE DATE		N	DATE	
The Vendor's invoice date.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE issued by one and only one BCAS VENDOR

MAY BE a qualifier for one or more GL EXPENSE JE DETAIL

* = Relationships in primary unique identifier.

Unique Identifiers:

INVCE	Primary	Y
INVOICE ID		

SEQUENCE

Entity Name: BCAS PAYLIST			<i>Short Name:</i>	PYL
<i>Plural:</i>	BCAS PAYLIST			
<i>Init. Volume:</i>	100	<i>Avg. Volume:</i>	200	<i>Max. Volume:</i> 500
			<i>Annual Growth Rate:</i>	10%

Description:

Collections of salary details that have one or more corresponding entries as GL Expense entries. It provides the linkage between Salary Details and GL Expense entries needed to enable the reconciliation of the Salary Details.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PAYLIST NBR		N	VARCHAR2	10
The number generally associated with the PayList by BCTS and CHIPS.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE accounted under one and only one BCAS RESPONSIBILITY

MUST BE under one and only one EXPENSE STOB CODE

MAY BE for one or more GL EXPENSE JE DETAIL

MAY BE for one or more SALARY DETAIL

* = Relationships in primary unique identifier.

Unique Identifiers:

PYLST	Primary	Y
PAYLIST NBR		

Entity Name: BCAS PROJECT

Short Name:

PRJ

Plural: BCAS PROJECT

Init. Volume: 100000 Avg. Volume: 500000

Max. Volume: 9000000

Annual Growth Rate: 25%

Description:

All Projects that are defined in the BCTS CoA.

This entity serves to relate the BCTS Project# to either the UBI for the Cut Block, the URI for the Road or the Pooled Project Code.

CRUD Rules:

=====

Create New Entries:

New entries can only be created during the download of the CAS CoA.

Entries will be created if an entry for the Project does not already exist.

Update Existing Entries:

Existing entries can be updated only during the download of the CAS CoA and only if the Project was valid for a year before the previous fiscal year but is valid in this fiscal year; or, if the entry was valid in the previous fiscal year but not in this current FY.

Delete Existing Entries:

Existing entries CANNOT be deleted.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PROJECT		N	VARCHAR2	7
Project is part of the ACK (Accounting Control Key) which comprises: Client X(3), Responsibility X(5), Service Line X(5), STOB X(4), Project X(7) and Location X(6). (Since it is not, at this time, used, Location is set, unconditionally to '000000')				
An example of an ACK is: 'OAT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.				
ACCOUNT CODE		Y	VARCHAR2	250
A keyword (e.g. acceptable transaction account codes) used to help stadardize expense data allocation.				
DESCRIPTION		N	VARCHAR2	240
The description of the Project from GENUS.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

MAY BE includes one and only one COST ALLOCATION CUT BLOCK

Entity Name:	BCAS PROJECT (cont'd)	<i>Short Name:</i>	PRJ
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or MAY BE provide access using one and only one COST ALLOCATION ROAD
or MAY BE represented by one and only one POOLED PROJECT CODE
MAY BE a qualifier for one or more BCAS CHART OF ACCOUNT
MAY BE allocated from by one or more BCAS COST ALLOCATION RULE
MAY BE allocated to by one or more BCAS COST ALLOCATION RULE
MAY BE valid for one and only one BCAS RESPONSIBILITY
MAY BE allocated to by one or more POOLED CODE RULE
MAY BE the scope of one or more PROJECT FISCAL YEAR
* = Relationships in primary unique identifier.

Unique Identifiers:

PROJ	Primary	Y
PROJECT		

Notes:

2006.12.18 RjB: This entity is populated/updated when the BCTS CoA is downloaded from CAS at the beginning of each fiscal year. If a Project in the CoA download, already exists in this table, the table entry is not changed (the Expiry date is left as NULL). If a Project in the CoA download does not exist in this table, a new entry will be created with an effective date of April 1 of the new FY. If a Project in this table no longer appears in the CoA download, its entry will be expired by setting the EXPIRY DATE to March 31 of the last FY.

Addresses requirements:
4.2.4.4.1.5 - Project Code table - This BCAS PROJECT entity will be the reference for valid Project Codes. While not a code table, it will, none the less, be a validation reference for Projects.

Entity Name: BCAS RESPONSIBILITY

Short Name:

RES

Plural: BCAS RESPONSIBILITY

Init. Volume: 500

Avg. Volume: 1000

Max. Volume: 5000

Annual Growth Rate: 20%

Description:

Individual Responsibility Centres (RCs) that are defined in the BCTS CoA.

CRUD Rules:

=====

Create New Entries:

New entries can only be created during the download of the CAS CoA.

Entries will be created if an entry for the Responsibility does not already exist.

Delete Existing Entries:

Existing entries CANNOT be deleted.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* RESPONSIBILITY		N	VARCHAR2	5
The Responsibility has a hierarchy as follows:				
a. Ministry				
b. Division				
c. Branch / Region				
d. District				
e. Elemental Level containing the budget \$\$\$ allocation.				
Responsibility is part of the ACK (Accounting Control Key) which comprises:				
Client X(3),				
Responsibility X(5),				
Service Line X(5),				
STOB X(4),				
Project X(7) and				
Location X(6). (Since it is not, at this time, used, Location is set, unconditionally to '000000')				
An example of an ACK is:				
'OAT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.				
EFFECTIVE DATE		N	DATE	
The date that this entry became effective				
EXPIRY DATE		Y	DATE	
Date after which this Responsibility expires				
TIMBER SALES OFFICE NM		Y	VARCHAR2	250
This Responsibility OFFICE NAME is the name of the Business Area office. It will be populated in the case of RCs being Offices and <null> in the case of all other RCs.				
TIMBER SALES OFFICE CDE		Y	VARCHAR2	3
This Responsibility of the Business Area office. It will be populated in the case of RCs being Offices and <null> in the case of all other RCs.				
DESCRIPTION		N	VARCHAR2	240
the commonly used description of the Responsibility				
PAYLIST RANGE FROM VAL		Y	VARCHAR2	8
The lowest PayList number associated with this Responsibility				
PAYLIST RANGE TO VAL		Y	VARCHAR2	8
The highest PayList number associated with this Responsibility				
ADJUSTMENT EMPLOYEE ID		Y	VARCHAR2	11
The ee number to be used as the 'adjustment' ee# for this RC.				
ENTRY TIMESTAMP		N	DATE	

Entity Name: BCAS RESPONSIBILITY (cont'd)		Short Name:	RES
The date-time that this row was initially entered.			
ENTRY USERID	N	VARCHAR2	30
The user who initially entered this row.			
UPDATE TIMESTAMP	Y	DATE	
The date-time that this row was most recently updated.			
UPDATE USERID	Y	VARCHAR2	30
The user who most recently updated this row.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

- MAY BE a qualifier for one or more BCAS CHART OF ACCOUNT
 - MAY BE the budget rollup for one or more BCAS PAYLIST
 - MAY BE responsible for one or more BCAS PROJECT
 - MAY BE answerable to one and only one BCAS RESPONSIBILITY
 - MAY BE responsible for one or more BCAS RESPONSIBILITY
 - MAY BE responsible for one or more POOLED PROJECT CODE
 - MAY BE a category of one or more SALARY ANNUAL ACTIVITY
 - MAY BE a category of one or more SALARY ANNUALIZED
- * = Relationships in primary unique identifier.

Unique Identifiers:

RC BUSINESS AREA	Primary	Y
RESPONSIBILITY		

Notes:

2006.12.18 RjB: This entity is populated/updated when the BCTS CoA is downloaded from CAS at the beginning of each fiscal year. If an RC in the CoA download, already exists in this table, the table entry is not changed (the Expiry date is left as NULL). If an RC in the CoA download does not exist in this table, a new entry will be created with an effective date of April 1 of the new FY. If an RC in this table no longer appears in the CoA download, its entry will be expired by setting the EXPIRY DATE to March 31 of the last FY.

Addresses requiremetns:
Section 4.2.4.4.1.1 - Code tablke for RCs - This table will be a list of RCs used and may either be created before the CAS CoA is imported or it may be created as part of the CAS CoA import. In either case, <FK> entries will need to be made to the RC BUSINESS AREA CODE entity for any new RCs.

Entity Name: BCAS SERVICE LINE				Short Name:	SLN
Plural:	BCAS SERVICE LINE				
Init. Volume:	5000	Avg. Volume:	25000	Max. Volume:	50000
				Annual Growth Rate:	20%

Description:

Individual Service Lines that are defined in the BCTS CoA.

CRUD Rules:
=====

Create New Entries:
New entries can only be created during the download of the CAS CoA.
Entries will be created if an entry for the Service Line does not already exist.

Update Existing Entries:
Existing entries can be updated only during the download of the CAS CoA and only if the Service Line was valid for a year before the previous fiscal year but is valid in this fiscal year. Or, if the entry was valid in the previous fiscal year but not in this current FY.

Delete Existing Entries:
Existing entries CANNOT be deleted.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* SERVICE LINE		N	VARCHAR2	5
The Service Line part of the ACK (Accounting Control Key) which comprises: Client X(3), Responsibility X(5), Service Line X(5), STOB X(4), Project X(7) and Location X(6). (Since it is not, at this time, used, Location is set, unconditionally to '000000')				
An example of an ACK is: 'OAT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.				
DESCRIPTION		N	VARCHAR2	240
Service Line description from CAS.				
EFFECTIVE DATE		N	DATE	
The date that this entry became effective.				
EXPIRY DATE		Y	DATE	
The date after which this entry ceased to be effective				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE defined for one and only one ACTIVITY ENVELOPE CODE
MAY BE a qualifier for one or more BCAS CHART OF ACCOUNT

* = Relationships in primary unique identifier.

Entity Name:	BCAS SERVICE LINE (cont'd)	Short Name:	SLN
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Unique Identifiers:

SLUID	Primary	Y
SERVICE LINE		

Notes:

2006.12.18 RjB: This entity is populated/updated when the BCTS CoA is downloaded from CAS at the beginning of each fiscal year. If a Service Line in the CoA download, already exists in this table, the table entry is not changed (the Expiry date is left as NULL). If a Service Line in the CoA download does not exist in this table, a new entry will be created with an effective date of April 1 of the new FY. If aService Line in this table no longer appears in the CoA download, its entry will be expired by setting the EXPIRY DATE to March 31 of the last FY.

2007 Feb 4: Addresses requirements:
Section 4.2.4.4.2.2 - Service Line / Activity Envelope relationship: A mechanism is required to enable users to interrelate this and the ACTIVITY ENVELOPE CODE entities.

Entity Name: BCAS VENDOR				<i>Short Name:</i>	VEN
<i>Plural:</i>	BCAS VENDOR				
<i>Init. Volume:</i>	3000	<i>Avg. Volume:</i>	3000	<i>Max. Volume:</i>	30000
				<i>Annual Growth Rate:</i>	20%

Description:

The vendor associated with GL EXPENSE JE DETAILS and INVOICES.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* VENDOR ID		N	NUMBER	15
The ID of the Vendor as defined in CAS.				
VENDOR NUMBER		N	VARCHAR2	30
The Vendor Number as known to CAS				
VENDOR NAME		N	VARCHAR2	80
The full name of this Vendor				
EFFECTIVE DATE		N	DATE	
The date at which this Vendor became effective.				
EXPIRY DATE		Y	DATE	
The date after which this Vendor ceased to be valid with respect to CAS and BCTS.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE issue one or more BCAS INVOICE

MAY BE entered in one or more GL EXPENSE JE DETAIL

* = Relationships in primary unique identifier.

Unique Identifiers:

VEND	Primary	Y
VENDOR ID		

Entity Name: BCTS EMPLOYEE			<i>Short Name:</i>	EMP
<i>Plural:</i>	BCTS EMPLOYEE			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

The means of relating CHIPS Employee numbers with the employee's IDIR account.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* EMPLOYEE ID		N	VARCHAR2	11
The employee number as known by CHIPS & the employee.				
NAME		Y	VARCHAR2	50
Employee name is needed to ensure that the ee who is entering his/her distribution is the one named in this entry.				
IDIR LOGIN		Y	VARCHAR2	25
IDIR account ID				
GUID		Y	VARCHAR2	250
Global User ID. Needed to uniquely identify the user. IDIR may be for more than one ee where one instance has left employment before the other with a similar name (& the same IDIR) with any given FY.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE totalled in one or more SALARY ANNUALIZED

* = Relationships in primary unique identifier.

Unique Identifiers:

EMP	Primary	Y
EMPLOYEE ID		

Entity Name: BLOCK CRUISE STAT				<i>Short Name:</i>	BCS
<i>Plural:</i>	BLOCK CRUISE STAT				
<i>Init. Volume:</i>	100000	<i>Avg. Volume:</i>	500000	<i>Max. Volume:</i>	9000000
				<i>Annual Growth Rate:</i>	25%

Description:

Statistics used by BCAS from the Timber Cruising activity.

Attributes:					
	<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
*	SEQ NBR		N	NUMBER	15
	Unique ID of Cruise Statistics entry.				
	SOURCE IND		N	VARCHAR2	10
	Cruise Source.				
	GROSS MERCH M3		Y	NUMBER	15,7
	Gross Mechantable Volume (cubic meters).				
	NET MERCH M3		Y	NUMBER	15,7
	Net Merchantable Volume (cubic meters).				
	ENTRY TIMESTAMP		N	DATE	
	The date-time that this row was initially entered.				
	ENTRY USERID		N	VARCHAR2	30
	The user who initially entered this row.				
	UPDATE TIMESTAMP		Y	DATE	
	The date-time that this row was most recently updated.				
	UPDATE USERID		Y	VARCHAR2	30
	The user who most recently updated this row.				
	* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE applied to one and only one COST ALLOCATION CUT BLOCK

* = *Relationships in primary unique identifier.*

Unique Identifiers:

BCASBCS	Primary	Y
SEQ NBR		

Entity Name: BLOCK PHASE				<i>Short Name:</i>	BKP
<i>Plural:</i>	BLOCK PHASE				
<i>Init. Volume:</i>	100000	<i>Avg. Volume:</i>	500000	<i>Max. Volume:</i>	1000000
				<i>Annual Growth Rate:</i>	50%

Description:

The growth phases in which Cut Blocks have existed and currently exist in a progressive sense.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PHASE SEQ NBR		N	NUMBER	15
Phase Sequence Number				
PHASE		N	VARCHAR2	10
The phase that the cut block is currently in.				
STATUS		N	VARCHAR2	10
The status of this Cut Block Phase.				
EFFECTIVE DATE		N	DATE	
The date on which this status became effective for the Cut Block.				
END DATE		Y	DATE	
The date after which this status ceased to be effective (if it is no longer effective) for the Cut Block.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MUST BE one of the phases of one and only one COST ALLOCATION CUT BLOCK

* = Relationships in primary unique identifier.

Unique Identifiers:

BKP_2	Primary	N
MUST BE one of the phases of one and only one COST ALLOCATION CUT BLOCK		
PHASE		
BKP	Primary	Y
PHASE SEQ NBR		

Entity Name: COST ALLOCATION CUT BLOCK**Short Name:**

CBK

Plural: COST ALLOCATION CUT BLOCK**Init. Volume:** 50000**Avg. Volume:** 250000**Max. Volume:** 500000**Annual Growth Rate:** 25%**Description:**

A Specific piece of land that equates with a COST OBJECT.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
SEQ NBR		N	NUMBER	15
Block Sequence Number.				
BLOCK ID		N	VARCHAR2	20
Cut Block ID				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:**Each Occurrence Of This Entity:**

MAY BE allocated through one or more ALLOCATION FROM CUT BLOCK

MAY BE through one or more ALLOCATION TO CUT BLOCK

MUST BE valid for one and only one BCAS DIVISION

* MUST BE a part of one and only one BCAS PROJECT

MAY BE described by one or more BLOCK CRUISE STAT

MAY BE in one or more BLOCK PHASE

MAY BE Related through one or more ROAD CUT BLOCK LINK

* = Relationships in primary unique identifier.

Unique Identifiers:

CB Primary Y

MUST BE a part of one and only one BCAS PROJECT

Notes:

2007 Feb 6 RjB:

Addresses requiremetns:

Section 4.2.3.1.2 - Import Cut Block & Road Project codes, Road / Cut Block relationships and associated volumetric data from GENUS.

Section 4.2.3.1.4 - This & other GENUS related entities: Import information about Cut Blocks & Roads from GENUS.

Section 4.2.4.2.1 - Business rules will be established for loading new GENUS data into BCAS.

Section 4.2.4.4.1.7 - UBI code table: This BCAS CUT BLOCK entity is loaded directly from GENUS data and will serve well as a UBI code table. Cut Blocks have an elongated lifetime (they extend over multiple fiscal years) and as such, an import mechanism will be devised to add new UBI where required and update certain attributes in this entity. No need is seen at this time to delete Cut Blocks.

Section 4.2.4.4.2..4 - Relate Road costs% to level of association to cut block: Each Cut Block is related to Road through a complex set of intersect entities. It is believed that this set of relationships will enable this association.

Entity Name:	COST ALLOCATION CUT BLOCK (cont'd)	<i>Short Name:</i>	CBK
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Section 4.2.4.4..2.6 - Relate Cruise Vloume to UBI: The imported GENUS tables include Cruise Volume within the set of realted entities.

Section 4.2.4.4.2.7 - Harvest volume / UBI: The Cut Block has an attribute UBI HARVEST VOLUME that directly provides this information.

Entity Name: COST ALLOCATION ROAD				Short Name:	RD
Plural:	COST ALLOCATION ROAD				
Init. Volume:	25000	Avg. Volume:	100000	Max. Volume:	250000
				Annual Growth Rate:	10%

Description:

A Road or other access facility specifically constructed and or maintained for access to one or more Cut Blocks.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
SEQ NBR		N	NUMBER	15
Road Sequence Number				
ROAD NAME		N	VARCHAR2	50
Road Name.				
START METRE NBR		Y	NUMBER	13,4
Start metre post of the section of road for this cost allocation.				
END METRE NBR		Y	NUMBER	13,4
End metre post of the section of road for this cost allocation.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- MAY BE the source of one or more ALLOCATION FROM ROAD
- MAY BE subject to one or more ALLOCATION TO ROAD
- MUST BE located in one and only one BCAS DIVISION
- * MUST BE an access for one and only one BCAS PROJECT
- MAY BE the access to the cut block thru one or more ROAD CUT BLOCK LINK

* = Relationships in primary unique identifier.

Unique Identifiers:

RD	Primary	Y
MUST BE an access for one and only one BCAS PROJECT		

Notes:

- 2007 Feb 6 RjB:
- Addresses requiremetns:
Section 4.2.3.1.2 - Import Cut Block & Road Project codes, Road / Cut Block relationships and associated volumetric data from GENUS.
- Section 4.2.3.1.4 - This & other GENUS related entities: Import information about Cut Blocks & Roads from GENUS.
- Section 4.2.4.2.1 - Business rules will be established for loading new GENUS data into BCAS.
- Section 4.2.4.4.1.8 - URI code table - This BCAS ROAD entity is loaded directly from GENUS data and will serve well as a URI code table. While Roads may have an elongated lifetime (they may extend over multiple fiscal years) we will associate each with a fiscal year so that a road may be associated with a different Cut Block (and Project(s)) in different fiscal years. No need is seen at this time to delete Roads.

Entity Name:	COST ALLOCATION ROAD (cont'd)	<i>Short Name:</i>	RD
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Section 4.2.4.4.2.56 - Road Length relationship to URI: Each Road entity relates to an intersect entity BCAS ROAD CUT BLOCK LINK which contains a Start / End 'meter post' enabling the calculation of the Road Length applicable to the URI and also to an associated UBI.

Entity Name: EXPENSE STOB CODE				<i>Short Name:</i>	XSC
<i>Plural:</i>	EXPENSE STOB CODE				
<i>Init. Volume:</i>	500	<i>Avg. Volume:</i>	1000	<i>Max. Volume:</i>	5000
				<i>Annual Growth Rate:</i>	10%

Description:

A code table containing those STOBs that represent expenses or are otherwise used for items in the CoA.
STOB means 'Statutory Obligation'.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* EXPENSE STOB CODE		N	VARCHAR2	4
STOB is part of the ACK (Accounting Control Key) which comprises: Client X(3), Responsibility X(5), Service Line X(5), STOB X(4), Project X(7) and Location X(6). (Since it is not, at this time, used, Location is set, unconditionally to '000000')				
An example of an ACK is: 'OAT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.				
DESCRIPTION		N	VARCHAR2	240
Description of STOB				
EFFECTIVE DATE		Y	DATE	
Date that the STOB code became effective.				
EXPIRY DATE		Y	DATE	
Date after which the STOB ceased to be effective.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE an expense in one or more BCAS CHART OF ACCOUNT
MAY BE for one or more BCAS PAYLIST
* = Relationships in primary unique identifier.

Unique Identifiers:

XSTOB	Primary	Y
EXPENSE STOB CODE		

Entity Name:	FILTER CLASS CODE			<i>Short Name:</i>	FCC
<i>Plural:</i>	FILTER CLASS CODE				
<i>Init. Volume:</i>	10	<i>Avg. Volume:</i>	10	<i>Max. Volume:</i>	50
				<i>Annual Growth Rate:</i>	10%

Description:

A classification of the class of filter defined in the Filter Criterion table. E.G. MAN_ALLOC is used to define the filtering requirements of the Manual Allocation activity.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FILTER CLASS CODE		N	VARCHAR2	10
The code associated with the class of filter.				
The following codes will be defined here:				
Code:	Description:			
MAN_ALLOC	Manual Allocation			
DESCRIPTION		Y	VARCHAR2	120
The textural description of the filter class.				
EFFECTIVE DATE		Y	DATE	
The date upon which this entry becomes in force. The time is assumed to be 00:00				
EXPIRY DATE		Y	DATE	
The date after which this entry ceases to be in force. The time is assumed to be 23:59.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE the specification of one or more FILTER CRITERION

MAY BE the specification of one or more FILTER CRITERION

* = Relationships in primary unique identifier.

Unique Identifiers:

FCC	Primary	Y
FILTER CLASS CODE		

Entity Name: FILTER CRITERION				Short Name:	FC
Plural:	FILTER CRITERION				
Init. Volume:	20	Avg. Volume:	30	Max. Volume:	50
				Annual Growth Rate:	10%

Description:

Holds the lookup information for selecting the components of a GL expense line or lines to be displayed on the screen or used in reports - the criteria for compiling the filter components for the source of the expense allocation.

For example, if part of the GL expense allocation contains fiscal year, the filter criterion record would define the database table through Table Access that contains fiscal year info, the column name containing the specific fiscal year to be displayed, and the primary key element(s) for the table.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* FILTER SEQUENCE		N	NUMBER	5
The sequence that the filter component appears in relation to other filter components.				
DISPLAY NAME		N	VARCHAR2	50
The name of the filter component as displayed on the user's screen. E.G. 'Fiscal Year', 'Responsibility',...)				
COLUMN NAME		N	VARCHAR2	30
The column name within the database table whose contents will be displayed for selection by the user.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE specified by one and only one FILTER CLASS CODE
- MUST BE specified by one and only one FILTER CLASS CODE
- MAY BE found in one and only one TABLE ACCESS
- MAY BE found in one and only one TABLE ACCESS
- * = Relationships in primary unique identifier.

Unique Identifiers:

FC	Primary	Y
MUST BE specified by one and only one FILTER CLASS CODE		
FILTER SEQUENCE		

Entity Name: FISCAL YEAR CONTROL**Short Name:**

FYC

Plural: FISCAL YEAR CONTROL**Init. Volume:** 10**Avg. Volume:** 20**Max. Volume:** 50**Annual Growth Rate:** 100%**Description:**

Fiscal Periods that have been, are being or are to be loaded into the BCTS Chart of Accounts. Fiscal Periods begin on April 1st and end on March 31st. The Fiscal Year takes the year number of the year in which the period ends (March 31st). Fiscal year 2007 will be 2006.Apr.01 through to 2007.Mar.31.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* FISCAL YEAR		N NUMBER	4
The year in which the Fiscal Year ends. For example, the Fiscal Year comprising 2006.Apr.1 to 2007.Mar.31 is referred to as the 2007 Fiscal Year.			
ALLOCATION COMPLETE IND		N VARCHAR2	1
(Y)es, if allocations for this FY are complete; else (N)o.			
SALARY MULTIPLIER		Y NUMBER	5,4
A multiplier that will be applied to the Salary amount (TOTAL DOLLAR AMOUNT) of each ee to give the direct salary cost.			
ACTIVITY DIST COMPLETE IND		N VARCHAR2	1
(Y)es, if employee activity distributions are complete for this fiscal year; else (N)o, they are not yet complete.			
ENTRY TIMESTAMP		N DATE	
The date-time that this row was initially entered.			
ENTRY USERID		N VARCHAR2	30
The user who initially entered this row.			
UPDATE TIMESTAMP		Y DATE	
The date-time that this row was most recently updated.			
UPDATE USERID		Y VARCHAR2	30
The user who most recently updated this row.			
* = Attributes in primary unique identifier.			

Relationships:Each Occurrence Of This Entity:

MAY BE the fiscal year for one or more ALLOCATION GROUP

MAY BE applied to one or more ALLOCATION STATUS

MAY BE the fiscal year for one or more BCAS CHART OF ACCOUNT

MAY BE the scope of one or more IMPORTED CHART OF ACCOUNT

MAY BE the scope of one or more IMPORTED GL EXPENSE JE DETAIL

MAY BE the scope of one or more IMPORTED SALARY

MAY BE import controlled by one or more LOAD CONTROL STATUS

MAY BE the scope of one or more PROJECT FISCAL YEAR

MAY BE the scope of one or more SALARY ANNUAL ACTIVITY

MAY BE a fiscal year for one or more SALARY ANNUALIZED

* = Relationships in primary unique identifier.

Unique Identifiers:

LDCTL

Primary Y

FISCAL YEAR

Notes:

2006.12.18 RjB: Currently we are assuming that there exists external to BCTS, a table that defines from and to dates for fiscal years. In this case, this table simply needs the FYE date (yyyy.March.31) as the primary key.

Entity Name: GL EXPENSE JE DETAIL

Short Name:

GLE

Plural: GL EXPENSE JE DETAIL

Init. Volume: 100000 Avg. Volume: 100000

Max. Volume: 1000000

Annual Growth Rate: 50%

Description:

GL Expense Journal Entry details as downloaded from CAS. This table will always be a true record of the JE Details as downloaded from CAS; no updates are permitted to downloaded entries in BCAS. Any distributions or consolidations of Journal Entries will be recorded in the subservient ALLOCATION FROM table.

Salary information is contained in this table as a roll-up by Expenditure (ACK) by Pay Periods.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* GL EXP JE DTL ID		N	NUMBER	10
Surrogate key used in Allocations and referencing to Salary Details.				
PERIOD NUMBER		N	NUMBER	2
This is the period within the fiscal year referred to by this entry. While periods are aligned with months with period 1 being April, 2 being May ... and March being 12, period 13 exists to permit GL adjustments made after March 31st but before the 'books' are closed for the year.				
GL KEY		N	VARCHAR2	210
GL_KEY (General Ledger Key) is composed of three CAS fields separated by a hyphen. The CAS fields are je_header_name, je_batch_name, je_line_number. Part of identifying key for the transaction.				
AP KEY		N	VARCHAR2	60
AP_KEY (Accounts Payable Key) is composed of two CAS fields separated by a hyphen. The CAS fields are ap_batch_name, ap_distribution_line_number. Part of identifying key for the transaction.				
SEQUENCE		N	NUMBER	3
A value assigned to each row during importation of CAS data to ensure that there is uniqueness in the GLEJED2 UID.				
AMOUNT		N	NUMBER	12,2
Actual amount based on the CAS JE_LINES_NET_ACT_AMOUNT field.				
LINE TYPE CODE		Y	VARCHAR2	30
The line type code for the corresponding invoice. Identifies if the invoice was for freight, tax, prepayment or item charges.				
JE SOURCE		N	VARCHAR2	25
Indicates the Journal Entry Source. Meta Data				
JE HEADER CATEGORY		Y	VARCHAR2	25
Category of Journal Entry Header				
JE HEADER ID		Y	NUMBER	10
Journal Entry Header ID				
JE HEADER NAME		Y	VARCHAR2	100
Journal Batch Header Name. Meta Data.				
JE BATCH ID		Y	NUMBER	10
Journal Entry Batch ID				
JE BATCH NAME		Y	VARCHAR2	100
Journal Batch Name.				
JE LINE NUMBER		Y	NUMBER	5
Indicates the line number for this journal entry.				
JE LINE DESCRIPTION		N	VARCHAR2	240
The description of the journal entry line.				
DISTRIBUTION SUPPLIER NO		Y	VARCHAR2	30
Supplier Number.				

Entity Name:	GL EXPENSE JE DETAIL (cont'd)	Short Name:	GLE
	DISTRIBUTION SUPPLIER NM	Y VARCHAR2	80
	Distribution Supplier Name		
	JE LINES NET ACTUAL AMT	N NUMBER	12,2
	Actual net amount for this GL entry		
	GL DISTRIBUTION CREATION DT	Y DATE	
	Creation date of this General Ledger distribution entry.		
	SECTOR REPORT CODE	Y VARCHAR2	30
	Code defining the applicable report sector.		
	AP BATCH NAME	Y VARCHAR2	50
	Name that groups a number of payment requests from a specific site together.		
	AP DISTRIBUTION LINE NO	Y NUMBER	15
	Invoice Distribution Line Number.		
	AP DISTRIBUTION DESC	Y VARCHAR2	240
	Invoice distribution (line item) description. For matched distributions, this is the PO line description. For unmatched distributions, this may be the payment stub comment or a description entered for the distribution line.		
	AP DISTRIBUTION CREATE DT	Y DATE	
	Creation date of this Accounts Payable distribution entry.		
	VENDOR SITE CODE	Y VARCHAR2	15
	Code for Vendor Site.		
	EFFECTIVE DATE	N DATE	
	The date that the financial transaction was deemed to have taken place.		
	ENTRY TIMESTAMP	N DATE	
	The date-time that this row was initially entered.		
	ENTRY USERID	N VARCHAR2	30
	The user who initially entered this row.		
	UPDATE TIMESTAMP	Y DATE	
	The date-time that this row was most recently updated.		
	UPDATE USERID	Y VARCHAR2	30
	The user who most recently updated this row.		
	* = Attributes in primary unique identifier.		

Relationships:

Each Occurrence Of This Entity:

- MAY BE allocated through one or more ALLOCATION FROM GL
- MUST BE associated with one and only one BCAS CHART OF ACCOUNT
- MAY BE associated with one and only one BCAS INVOICE
- MAY BE for salary for one and only one BCAS PAYLIST
- MAY BE an entry for one and only one BCAS VENDOR
- * = Relationships in primary unique identifier.

Unique Identifiers:

GLEJED2	Primary	N
MUST BE associated with one and only one BCAS CHART OF ACCOUNT		
PERIOD NUMBER		
MAY BE associated with one and only one BCAS INVOICE		
MAY BE an entry for one and only one BCAS VENDOR		
GL KEY		
AP KEY		
SEQUENCE		
GLEJED	Primary	Y

Entity Name: GL EXPENSE JE DETAIL (cont'd)**Short Name:**

GLE

*GL EXP JE DTL ID***Notes:**

Addresses Requirements:

Section 4.2.2.3.6 - Enable adjustments (e.g. corections to be made to BCTS Expense Entries.

Section 4.2.2.3.8 - BCAS Expense JE data is loaded and updated in this entity.

Section 4.2.3.1.1 - Import BCTS expenditure detail data from CAS (or MAX)

Section 4.2.4.2.1 - Business rules will be established for loading new GL data into BCAS.

Section 4.2.4.2.3 - Quality control procedures shall be implemented to ensure the BCAS database data reconciles to external system. In the case of this entity, the reconciliation can be done by selecting all rows that were DOWNLOADED as indicated by the ENTRY TYPE attribute.

Section 4.2.5.1.4 - Allocation changes will not alter the GL data downloaded into BCAS (flagged as 'DOWNLOADED'). Additional entries may be made to this GL but each will be marked as ADJUSTMENT and will be excluded from any reconciliation between this GL and CAS.

Section 4.2.5.2.3.1 - A BCTS expense is identified as being an operational administrative expense based on BCTS cost accounting business rules.

Section 4.2.5.2.3.4 - Operational Admin Expenses may not be recorded here with their correct Project code of 4000000. In these cases, an allocation to Project# 4000000 will be manually made.

Section 4.2.5.2.3.5 - A BCTS non-administrative expense (e.g., sales inventory adjustment) coded as an operational administrative expense will be changed (through allocation) to the correct account code non-administrative UBI, URI or pooled (e.g., sales) code.

Section 4.2.5.2.4 - Corporate overhead expenses coded with project code 4000000 in CAS will be manually re-allocated in BCAS, to project code 40A3COH.

2007.Feb.07 RjB: Notes on importing GL from MAX or CAS:

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When importing GL Expense Journal Entry Details, select for the whole GL using the following filter:

Actual_Flag = 'Actual',

Client = '0AT',

Peri

od_Year = Required Fiscal Year and

JE_Line_Status = 'Posted'.

Entity Name: IMPORTED CHART OF ACCOUNT				Short Name:	ICA
Plural:	IMPORTED CHART OF ACCOUNT				
Init. Volume:	10000	Avg. Volume:	12000	Max. Volume:	15000
			Annual Growth Rate:		

Description:

The buffer for Chart of Accounts imported from the Ministry finance group. Just a single FY's data will be held in this table.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* IMPORT SEQ		N	NUMBER	11
The sequence in which the data is imported into this entity.				
BCAS CLIENT CODE		N	VARCHAR2	3
Client part of the ACK (Accounting Control Key) which comprises: Client X(3), Responsibility X(5), Service Line X(5), STOB X(4), Project X(7) and Location X(6).				
Since it is not, at this time, used, Location is set, unconditionally to '000000'				
The CLient will always be '0AT' for BCTS.				
An example of an ACK is: '0AT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.				
RESPONSIBILITY		N	VARCHAR2	5
The Responsibility has a hierarchy as follows: a. Ministry b. Division c. Branch / Region d. District e. Elemental Level containing the budget \$\$\$ allocation.				
Responsibility is part of the ACK (Accounting Control Key) which comprises: Client X(3), Responsibility X(5), Service Line X(5), STOB X(4), Project X(7) and Location X(6). (Since it is not, at this time, used, Location is set, unconditionally to '000000')				
An example of an ACK is: '0AT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.				
SERVICE LINE		N	VARCHAR2	5
The Service Line part of the ACK (Accounting Control Key) which comprises: Client X(3), Responsibility X(5), Service Line X(5), STOB X(4), Project X(7) and Location X(6). (Since it is not, at this time, used, Location is set, unconditionally to '000000')				
An example of an ACK is: '0AT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.				

Entity Name: IMPORTED CHART OF ACCOUNT (cont'd)		Short Name:	ICA
EXPENSE STOB CODE	N VARCHAR2	4	
STOB is part of the ACK (Accounting Control Key) which comprises: Client X(3), Responsibility X(5), Service Line X(5), STOB X(4), Project X(7) and Location X(6). (Since it is not, at this time, used, Location is set, unconditionally to '000000')			
An example of an ACK is: 'OAT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.			
PROJECT	N VARCHAR2	7	
Project is part of the ACK (Accounting Control Key) which comprises: Client X(3), Responsibility X(5), Service Line X(5), STOB X(4), Project X(7) and Location X(6). (Since it is not, at this time, used, Location is set, unconditionally to '000000')			
An example of an ACK is: 'OAT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.			
CAS LOCATION	N VARCHAR2	6	
The Location code as used in the CAS ACK coding for the CoA. For BCTS, this is unconditionally set to '000000'			
CAS FUTURE	Y VARCHAR2	4	
A component of the CAS ACK that is reserved for future expansion. Will not be part of the primary key at this time.			
CLIENT DESCRIPTION	Y VARCHAR2	240	
Client description as recorded by the Branch finance group.			
RESPONSIBILITY DESCRIPTION	Y VARCHAR2	240	
Responsibility description as recorded by the Branch finance group.			
SERVICE LINE DESCRIPTION	Y VARCHAR2	240	
Service Line description as recorded by the Branch finance group.			
STOB DESCRIPTION	Y VARCHAR2	240	
STOB description as recorded by the Branch finance group.			
PROJECT DESCRIPTION	Y VARCHAR2	240	
Project description as recorded by the Branch finance group.			
LOCATION DESCRIPTION	Y VARCHAR2	240	
Location description as recorded by the Branch finance group.			
IMPORTED IND	Y VARCHAR2	3	
(Y)es indicates that the row has been sucessfully imported into BCAS. <blank> or (N)o means that is has not been imported into BCAS.			
ENTRY TIMESTAMP	N DATE		
The date-time that this row was initially entered.			
ENTRY USERID	N VARCHAR2	30	
The user who initially entered this row.			
UPDATE TIMESTAMP	Y DATE		
The date-time that this row was most recently updated.			
UPDATE USERID	Y VARCHAR2	30	

Entity Name:	IMPORTED CHART OF ACCOUNT (cont'd)	<i>Short Name:</i>	ICA
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The user who most recently updated this row.

* = *Attributes in primary unique identifier.*

Relationships:

Each Occurrence Of This Entity:

MUST BE for one and only one FISCAL YEAR CONTROL

* = *Relationships in primary unique identifier.*

Unique Identifiers:

ICA	Primary	Y
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IMPORT SEQ

Entity Name: IMPORTED GL EXPENSE JE DETAIL**Short Name:**

IGL

Plural: IMPORTED GL EXPENSE JE DETAIL**Init. Volume:** 100000**Avg. Volume:** 150000**Max. Volume:** 200000**Annual Growth Rate:****Description:**

The buffer for the GL imported from CAS. Just a single FY's data will be held in this table.

Attributes are named in accordance with the CAS table(s) from which they originate. This will simplify tracing the source of the data within CAS.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u> <u>Format</u>	<u>Length</u>
* IMPORT SEQ		N NUMBER	11
The sequence in which the data is imported into this entity.			
PAYLIST_NBR		Y VARCHAR2	10
The number generally associated with the Paylist by BCTS and CHIPS.			
ACTUAL FLAG		N VARCHAR2	11
Indicates whether the GL posting is an ENCUMBRANCE or an ACTUAL expense. A value of ACTUAL means that it represents an actual posted expenditure.			
JE LINE STATUS		Y VARCHAR2	30
Indicates whether or not the entry that this line represents has been POSTED to the GL. A value of POSTED means it has.			
PERIOD NUMBER		N NUMBER	2
This is the period within the fiscal year referred to by this entry. While periods are aligned with months with period 1 being April, 2 being May ... and March being 12, period 13 exists to permit GL adjustments made after March 31st but before the 'books' are closed for the year.			
BCAS CLIENT CODE		N VARCHAR2	3
Client part of the ACK (Accounting Control Key) which comprises: Client X(3), Responsibility X(5), Service Line X(5), STOB X(4), Project X(7) and Location X(6).			
Since it is not, at this time, used, Location is set, unconditionally to '000000'			
The Client will always be '0AT' for BCTS.			
An example of an ACK is: '0AT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.			
RESPONSIBILITY		N VARCHAR2	5
The Responsibility has a hierarchy as follows:			
a. Ministry			
b. Division			
c. Branch / Region			
d. District			
e. Elemental Level containing the budget \$\$\$ allocation.			
Responsibility is part of the ACK (Accounting Control Key) which comprises: Client X(3), Responsibility X(5), Service Line X(5), STOB X(4), Project X(7) and Location X(6). (Since it is not, at this time, used, Location is set, unconditionally to			

Entity Name: IMPORTED GL EXPENSE JE DETAIL (cont'd)		Short Name:	IGL
'000000')			
<p>An example of an ACK is: 'OAT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.</p>			
SERVICE LINE	N VARCHAR2	5	
<p>The Service Line part of the ACK (Accounting Control Key) which comprises: Client X(3), Responsibility X(5), Service Line X(5), STOB X(4), Project X(7) and Location X(6). (Since it is not, at this time, used, Location is set, unconditionally to '000000')</p>			
<p>An example of an ACK is: 'OAT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.</p>			
EXPENSE STOB CODE	N VARCHAR2	4	
<p>STOB is part of the ACK (Accounting Control Key) which comprises: Client X(3), Responsibility X(5), Service Line X(5), STOB X(4), Project X(7) and Location X(6). (Since it is not, at this time, used, Location is set, unconditionally to '000000')</p>			
<p>An example of an ACK is: 'OAT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.</p>			
PROJECT	N VARCHAR2	7	
<p>Project is part of the ACK (Accounting Control Key) which comprises: Client X(3), Responsibility X(5), Service Line X(5), STOB X(4), Project X(7) and Location X(6). (Since it is not, at this time, used, Location is set, unconditionally to '000000')</p>			
<p>An example of an ACK is: 'OAT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.</p>			
CAS LOCATION	N VARCHAR2	6	
<p>The Location code as used in the CAS ACK coding for the CoA. For BCTS, this is unconditionally set to '000000'</p>			
INVOICE ID	Y NUMBER	15	
<p>The invoice ID associated with this particular Invoice.</p>			
<p>This is a unique ID from CAS. It will be used to identify the invoice when the contents of this table are normalized among the GL_EXPENSE_JE_DETAIL, INVOICE and VENDOR tables.</p>			
INVOICE NUMBER	Y VARCHAR2	50	
<p>The vendor's Invoice Number</p>			
INVOICE DATE	Y DATE		
<p>The Vendor's invoice date.</p>			

Entity Name: IMPORTED GL EXPENSE JE DETAIL (cont'd)		Short Name:	IGL
VENDOR ID	Y VARCHAR2	15	
The ID of the Vendor as defined in CAS.			
This is a unique ID from CAS. It will be used to uniquely identify the vendor when the contents of this table are normalized among the GL_EXPENSE_JE_DETAIL, INVOICE and VENDOR tables.			
VENDOR NUMBER	Y VARCHAR2	30	
The Vendor Number as known to CAS			
LINE TYPE CODE	Y VARCHAR2	30	
The line type code for the corresponding invoice.			
Identifies if the invoice was for freight, tax, prepayment or item charges.			
JE SOURCE	N VARCHAR2	25	
Indicates the Journal Entry Source. Meta Data			
JE HEADER CATEGORY	Y VARCHAR2	25	
Category of Journal Entry Header			
JE HEADER ID	Y VARCHAR2	10	
Journal Entry Header ID. This is a unique ID from CAS.			
JE HEADER NAME	N VARCHAR2	100	
Journal Batch Header Name. Meta Data.			
JE BATCH ID	Y VARCHAR2	10	
Journal Entry Batch ID. This is a unique ID from CAS.			
JE BATCH NAME	Y VARCHAR2	100	
Journal Batch Name.			
JE LINE NUMBER	Y NUMBER	5	
Indicates the line number for this journal entry.			
JE LINE DESCRIPTION	N VARCHAR2	240	
The description of the journal entry line.			
DISTRIBUTION SUPPLIER NO	Y VARCHAR2	30	
Supplier Number.			
DISTRIBUTION SUPPLIER NM	Y VARCHAR2	80	
Distribution Supplier Name			
JE LINES NET ACTUAL AMT	N NUMBER	12,2	
Actual net amount for this GL entry			
GL DISTRIBUTION CREATION DT	Y DATE		
Creation date of this General Ledger distribution entry.			
SECTOR REPORT CODE	Y VARCHAR2	30	
Code defining the applicable report sector.			
AP BATCH NAME	Y VARCHAR2	50	
Name that groups a number of payment requests from a specific site together.			
AP DISTRIBUTION LINE NO	Y NUMBER	15	
Invoice Distribution Line Number.			
AP DISTRIBUTION DESC	Y VARCHAR2	240	
Invoice distribution (line item) description. For matched distributions, this is the PO line description. For unmatched distributions, this may be the payment stub comment or a description entered for the distribution line.			
AP DISTRIBUTION CREATE DT	Y DATE		
Creation date of this Accounts Payable distribution entry.			
VENDOR NAME	Y VARCHAR2	80	
The full name of this Vendor associated with this entry.			
VENDOR SITE CODE	Y VARCHAR2	15	

Entity Name:	IMPORTED GL EXPENSE JE DETAIL (cont'd)	<i>Short Name:</i>	IGL
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Code for Vendor Site.			
EFFECTIVE DATE	Y	DATE	
The date that the financial transaction was deemed to have taken place.			
IMPORTED IND	Y	VARCHAR2	3
(Y)es indicates that the row has been sucessfully imported into BCAS. <blank> or (N)o means that is has not been imported into BCAS.			
ENTRY TIMESTAMP	N	DATE	
The date-time that this row was initially entered.			
ENTRY USERID	N	VARCHAR2	30
The user who initially entered this row.			
UPDATE TIMESTAMP	Y	DATE	
The date-time that this row was most recently updated.			
UPDATE USERID	Y	VARCHAR2	30
The user who most recently updated this row.			
* = Attributes in primary unique identifier.			

Relationships:

Each Occurrence Of This Entity:

MUST BE for one and only one FISCAL YEAR CONTROL
* = Relationships in primary unique identifier.

Unique Identifiers:

IGL	Primary	Y
IMPORT SEQ		

Entity Name: IMPORTED SALARY

Short Name:

ISL

Plural: IMPORTED SALARY

Init. Volume: 10000

Avg. Volume: 15000

Max. Volume: 25000

Annual Growth Rate:

Description:

The buffer for annual salary information imported from CHIPS. Just a single FY's salary will be held in this table.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* IMPORT SEQ		N	NUMBER	11
The sequence in which the data is imported into this entity.				
EMPLOYEE ID		N	VARCHAR2	11
The employee number as known by CHIPS & the employee.				
NAME		Y	VARCHAR2	50
Employee name is needed to ensure that the ee who is entering his/her distribution is the one named in this entry.				
IDIR LOGIN		Y	VARCHAR2	25
IDIR account ID				
GUID		Y	VARCHAR2	250
Global User ID. Needed to uniquely identify the user. IDIR may be for more than one ee where one instance has left employment before the other with a similar name (& the same IDIR) with any given FY.				
PAYLIST NBR		N	VARCHAR2	10
The number generally associated with the PayList by BCTS and CHIPS.				
RESPONSIBILITY		N	VARCHAR2	5
The Responsibility has a hierarchy as follows:				
a. Ministry				
b. Division				
c. Branch / Region				
d. District				
e. Elemental Level containing the budget \$\$\$ allocation.				
Responsibility is part of the ACK (Accounting Control Key) which comprises:				
Client X(3),				
Responsibility X(5),				
Service Line X(5),				
STOB X(4),				
Project X(7) and				
Location X(6). (Since it is not, at this time, used, Location is set, unconditionally to '000000')				
An example of an ACK is:				
'OAT 4083A 42400 5001 4000000 000000' (there are no spaces between ACK components, they are shown here simply to visually separate those components.				
PAY PERIOD END DATE		Y	DATE	
The date of the last day (Saturday) of the Pay Period.				
TOTAL DOLLAR AMOUNT		N	NUMBER	14,2
If Entry Type is 'DOWNLOADED', this is the employee's gross annual salary. If the Entry Type is 'ADJUSTED', this is the amount of the adjustment (may be '+' or '-').				
IMPORTED IND		Y	VARCHAR2	3
(Y)es indicates that the row has been sucessfully imported into BCAS. <blank> or (N)o means that is has not been imported into BCAS.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30

Entity Name:	IMPORTED SALARY (cont'd)	<i>Short Name:</i>	ISL
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The user who initially entered this row.			
UPDATE TIMESTAMP	Y	DATE	
The date-time that this row was most recently updated.			
UPDATE USERID	Y	VARCHAR2	30
The user who most recently updated this row.			
* = <i>Attributes in primary unique identifier.</i>			

Relationships:

Each Occurrence Of This Entity:

MUST BE for one and only one FISCAL YEAR CONTROL
* = <i>Relationships in primary unique identifier.</i>

Unique Identifiers:

ISL	Primary	Y
IMPORT SEQ		

Entity Name: LOAD CONTROL STATUS		Short Name:	LCS
Plural:	LOAD CONTROL STATUS		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

The status of the various BCAS data loading processes. E.G. when the CAS CoA is to be loaded, an entry is added to this table reflecting the FY

Attributes:				
<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
LOADED DATE		Y	DATE	
the data was sucessfully loaded.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE the import status of one and only one FISCAL YEAR CONTROL
MUST BE controlled by one and only one LOAD CONTROL STATUS CODE
 - * MUST BE reflects one and only one LOAD TYPE CODE
- * = Relationships in primary unique identifier.

Unique Identifiers:

LCS	Primary	Y
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MUST BE the import status of one and only one FISCAL YEAR CONTROL

MUST BE reflects one and only one LOAD TYPE CODE

Entity Name: LOAD CONTROL STATUS CODE			Short Name:	LSC
Plural:	LOAD CONTROL STATUS CODE			
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:	

Description:

Code Table defining the various stages of loading of the Chart of Accounts, GL, Salary and GENUS data from external sources.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LOAD CONTROL STATUS CODE		N	VARCHAR2	3
The Load status of the externally sourced information. Values may be:				
(N)ot Loaded - no data is yet present from this source in the BCAS database for this FY.				
Load (I)n Process - data is in the process of being loaded.				
(L)oaded - data load is complete,				
Salary (R)econciled - loaded Salary data has been reconciled (applies only to the Salary import).				
Salary (D)istributed - reconciled Salary data has been fully distributed to Cost Envelopes.				
(A)llocated - At least 1 allocation has been made and this loaded data cannot be re-loaded.				
DESCRIPTION		N	VARCHAR2	120
Textural description of this load control status code.				
EFFECTIVE DATE		N	DATE	
The date at which this code became effective.				
EXPIRY DATE		Y	DATE	
The date that this code expires. If NULL, then it has no expiry date.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE reflected in one or more LOAD CONTROL STATUS

* = Relationships in primary unique identifier.

Unique Identifiers:

LSC	Primary	Y
LOAD CONTROL STATUS CODE		

Entity Name: LOAD TYPE CODE		Short Name:	LTC
Plural:	LOAD TYPE CODE		
Init. Volume:	Avg. Volume:	Max. Volume:	Annual Growth Rate:

Description:

A code table that uniquely defines the type of load (import). The following codes need to be defined here:

- Load BCAS Chart of Accounts subset
- Load BCAS GL Expense JE Details
- Load Payroll data
- Load GENUS data.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LOAD TYPE CODE		N	VARCHAR2	3
A code that uniquely defines the type of load (import). The following codes need to be defined here:				
Load BCAS Chart of Accounts subset				
Load BCAS GL Expense JE Details				
Load Payroll data				
Load GENUS data.				
DESCRIPTION		Y	VARCHAR2	120
Textural description of this type of Load.				
EFFECTIVE DATE		N	DATE	
The date at which this code became effective.				
EXPIRY DATE		Y	DATE	
The date that this code expires. If NULL, then it has no expiry date.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- MAY BE for one or more LOAD CONTROL STATUS
- * = Relationships in primary unique identifier.

Unique Identifiers:

LTC	Primary	Y
LOAD TYPE CODE		

Entity Name: LOG TABLE				<i>Short Name:</i>	LOG
<i>Plural:</i>	LOG TABLE				
<i>Init. Volume:</i>	100000	<i>Avg. Volume:</i>	500000	<i>Max. Volume:</i>	1000000
				<i>Annual Growth Rate:</i>	10%

Description:

A log of runtime information and error messages.

Note: This log intended to be used only during unit and integration testing. The logging facility will be disable during production operation.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* LOG SEQ NBR		N	NUMBER	15
Physical primary key - obtained from LOG_SEQ sequence generator				
MSG TYPE		Y	VARCHAR2	4
Type of log message - values may be 'INF' Informational or 'ERR' Error				
MSG TEXT		Y	VARCHAR2	2000
Text description of log message				
MSG TIMESTAMP		Y	DATE	
Date time that message was written to log table				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Unique Identifiers:

LOG	Primary	Y
LOG SEQ NBR		

Entity Name: POOLED CODE RULE*Short Name:* PCR*Plural:* POOLED CODE RULE*Init. Volume:* 5000*Avg. Volume:* 10000*Max. Volume:* 50000*Annual Growth Rate:* 25%**Description:**

Rules to define the allocation of expense amounts in pooled Project Codes to Roads or Cut Blocks.
Only Pooled Project Codes will be handled through this type of Rule.

Relationships:

There are 2 relationships between this entity and another which enable the allocation of pooled codes to Cut Blocks. The relationship to POOLED PROJECT CODE defines the source of the allocation and the relationship to BCAS PROJECT defines the destination of the allocation. While the destination entity could have been defined as BCAS CUT BLOCK and BCAS ROAD, it was thought to be more flexible to set the destination relationship to BCAS PROJECT and constrain the destination with appropriate program code.

Similarly, there are relationships from this entity to the ALLOCATION FROM and ALLOCATION TO entities which defines the rule used to create specific pooled code allocations.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* POOLED CODE RULE ID		N	NUMBER	10
Unique ID for this Pooled Code Rule				
RULE SEQUENCE NBR		Y	NUMBER	6
The sequence of execution of the Pooled Code Rules if they are promoted to run under an automatic batch job.				
DESCRIPTION		Y	VARCHAR2	50
A textual description of the Rule.				
AMOUNT		Y	NUMBER	12,2
The amount that is allocated by this rule from the source. Mutually exclusivbe with PERCENT				
PCT		N	NUMBER	6,3
The percentage of the amount in the source entity row that is allocated to the destination Project. Mutually exclusivbe with AMOUNT				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				

* = Attributes in primary unique identifier.

Relationships:Each Occurrence Of This Entity:

MAY BE associated with one and only one ACTIVITY ENVELOPE CODE

MAY BE applied in one and only one ALLOCATION BATCH

MAY BE a rule to allocate to one or more ALLOCATION FROM

MAY BE qualified by one or more ALLOCATION TO

MUST BE the allocation to one and only one BCAS PROJECT

MUST BE the allocation from one and only one POOLED PROJECT CODE

* = Relationships in primary unique identifier.

Unique Identifiers:

POOLCR Primary Y

POOLED CODE RULE ID

Entity Name:	POOLED CODE RULE (cont'd)	Short Name:	PCR
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Notes:

2007 Feb 04 RjB: Addressing Requirements:
Section 4.2.2.3.1 - Automated allocation of pooled costs to Cut Blocks.

Section 4.2.2.3.3 - The automated allocation of administrative expenses is done by identifying Pooled Codes that represent administrative expenses and allocating to appropriate Cut Blocks or Roads.

Section 4.2.2.3.4 - Salaries are allocated from the SALARY DETAIL to specific Cut Blocks or Roads using rules defined here.

Section 4.2.4.1.2 - Validation business rules will include error processing for data that does not satisfy the business rule. e.g. if a pool code does not exist in the current year's CoA for a required pooled code allocation or if the Pool Code referenced in the POOLED CODE RULE entity does not appear in the GL EXPENSE JOURNAL ENTRY DETAIL for the applicable fiscal year.

Section 4.2.5.2.1.1.2 - This entity contains the rules for automatically allocating selected overhead costs to pools.

Section 4.2.5.2.1.1.3 - This entity contains the rules for allocating pools to Projects.

Section 4.2.5.2.3.6 - BCTS operational administration costs will be automatically allocated to pooled project codes based on a salary/benefit allocation % percentages (see salary allocation requirements). This Pooled Code Rule entity will define the %.

Entity Name: POOLED PROJECT CODE				<i>Short Name:</i>	PPC
<i>Plural:</i>	POOLED PROJECT CODE				
<i>Init. Volume:</i>	500	<i>Avg. Volume:</i>	1000	<i>Max. Volume:</i>	5000
				<i>Annual Growth Rate:</i>	15%

Description:

Identifies all Pooled Project Codes (that is, those that are not equivalent to either a UBI or a URI).

This table cannot be a standard Code Table because the applicability of some of its entries depend upon Responsibility. These constraints need to be set up by the Ministry BEFORE any 'finacials are imported from CAS.

Pooled Project Codes include:
4000000 Operational Administrative Expense
40A3COH Corporate Overhead Expense

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* POOLED PROJECT CODE		N	VARCHAR2	7
A code that uniquely defines the pooled projects.				
DESCRIPTION		Y	VARCHAR2	120
Textural description of this pooled projects code.				
EFFECTIVE DATE		N	DATE	
The date at which this code became effective.				
EXPIRY DATE		Y	DATE	
The date that this code expires. If NULL, then it has no expiry date.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE a reference for one or more ALLOCATION FROM POOL
MAY BE a reference for one or more ALLOCATION TO POOL
MAY BE used as one and only one BCAS PROJECT
MAY BE valid for one and only one BCAS RESPONSIBILITY
MAY BE the allocation source of one or more POOLED CODE RULE
* = Relationships in primary unique identifier.

Unique Identifiers:

PLCDE	Primary	Y
POOLED PROJECT CODE		

Notes:

2007 Feb 04 RjB: Addresses requirements:
=====

Section 4.2.4.4.1.2 - Pooled Code code table. Ideally, this table will be created before the initial CoA is imported from CAS.

Section 4.2.5.2.3..2 -

Entity Name: PROJECT FISCAL YEAR			<i>Short Name:</i>	PFY
<i>Plural:</i>	PROJECT FISCAL YEAR			
<i>Init. Volume:</i>	<i>Avg. Volume:</i>	<i>Max. Volume:</i>	<i>Annual Growth Rate:</i>	

Description:

Project values that apply to a specific fiscal year.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

- * MUST BE scoped by one and only one BCAS PROJECT
- * MUST BE scoped by one and only one FISCAL YEAR CONTROL
- * = Relationships in primary unique identifier.

Unique Identifiers:

PFY	Primary	Y
MUST BE scoped by one and only one FISCAL YEAR CONTROL		
MUST BE scoped by one and only one BCAS PROJECT		

Entity Name: ROAD CUT BLOCK LINK				<i>Short Name:</i>	RBL
<i>Plural:</i>	ROAD CUT BLOCK LINK				
<i>Init. Volume:</i>	75000	<i>Avg. Volume:</i>	350000	<i>Max. Volume:</i>	750000
				<i>Annual Growth Rate:</i>	20%

Description:

The means of linking Roads to Cur Blocks (resolves the many-to-many Cut Block - Road relationship).

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = <i>Attributes in primary unique identifier.</i>				

- Relationships:*
- Each Occurrence Of This Entity:
- * MUST BE Relates one and only one COST ALLOCATION CUT BLOCK
 - * MUST BE serviced by one and only one COST ALLOCATION ROAD
- * = *Relationships in primary unique identifier.*

Unique Identifiers:

RDBLCKLNK	<i>Primary</i>	Y
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MUST BE Relates one and only one COST ALLOCATION CUT BLOCK

MUST BE serviced by one and only one COST ALLOCATION ROAD

Entity Name: SALARY ANNUAL ACTIVITY			Short Name:	SAA
Plural:	SALARY ANNUAL ACTIVITY			
Init. Volume:	20	Avg. Volume:	50	Max. Volume: 200
			Annual Growth Rate:	

Description:

Annual salary distributions to Activity Envelopes to be allocated to other cost objects.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
AMOUNT		Y	NUMBER	12,2
Monetary amounts distributed to AECs by FY as calculated by applying the individual EE distribution percentages to their annual salary.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				

* = Attributes in primary unique identifier.

Relationships:

Each Occurrence Of This Entity:

- MAY BE the rollup of one or more ACTIVITY DISTRIBUTION
- * MUST BE associated with one and only one ACTIVITY ENVELOPE CODE
- MAY BE allocated through one or more ALLOCATION FROM COST ENVELOPE
- * MUST BE attributable to one and only one BCAS RESPONSIBILITY
- * MUST BE for one and only one FISCAL YEAR CONTROL

* = Relationships in primary unique identifier.

Unique Identifiers:

SAE	Primary	Y
MUST BE for one and only one FISCAL YEAR CONTROL		
MUST BE associated with one and only one ACTIVITY ENVELOPE CODE		
MUST BE attributable to one and only one BCAS RESPONSIBILITY		

Entity Name: SALARY ANNUALIZED				Short Name:	SAN
Plural:	SALARY ANNUALIZED				
Init. Volume:	1000	Avg. Volume:	2000	Max. Volume:	10000
			Annual Growth Rate:		

Description:

The annualized total of employee's salary by PayList and FY.
This entity is needed because the CHIPs data is imported into BCAS on a pay period basis but the BCAS allocations are made on the basis of FYs. The annual salary is a sum of all children Salary Details.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
AMOUNT		Y	NUMBER	14,2
The employee's annual salary to be distributed among Activity Envelopes. This amount is calculated by summing the related Salary Details AFTER the Salary - CAS reconciliation has been completed.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:

Each Occurrence Of This Entity:

MAY BE an ees activity in one or more ACTIVITY DISTRIBUTION
* MUST BE attributable to one and only one BCAS RESPONSIBILITY
* MUST BE for one and only one BCTS EMPLOYEE
* MUST BE for a fiscal year in one and only one FISCAL YEAR CONTROL
MAY BE is the FY total of one or more SALARY DETAIL
* = Relationships in primary unique identifier.

Unique Identifiers:

SAN	Primary	Y
MUST BE for a fiscal year in one and only one FISCAL YEAR CONTROL		
MUST BE for one and only one BCTS EMPLOYEE		
MUST BE attributable to one and only one BCAS RESPONSIBILITY		

Entity Name: SALARY DETAIL

Short Name:

SAL

Plural: SALARY DETAIL

Init. Volume: 10000

Avg. Volume: 20000

Max. Volume: 50000

Annual Growth Rate: 10%

Description:

The salary details of all employees in all RCs and Paylists associated with BCTS. These details are downloaded annually from CHIPS as groups of Paylists for those RCs included in BCAS Responsibility entity. This table is initially a true record of the salary details as downloaded from CHIPS. Reconciliation will entail branch staff comparing GL Expense payperiod-Paylist data and comparing with the group of entries that represent the payroll-FY-payperiod. Adjustments will be recorded in this table as designated ees (as indicated in the BCAS Responsibility table) with a salary = the difference between the GY Expense amount and the rolled up Salary Detail amount.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* PAY PERIOD END DATE		N	DATE	
The date of the last day (Saturday) of the Pay Period.				
* SALARY RECORD ID		N	NUMBER	3
A value assigned to each row during importation of CHIPS data to ensure that there is uniqueness in the UID.				
More than 1 row may exist for a given Pay Period - PayList - Employee to hold, for example, both Base Salary and Overtime.				
* ENTRY TYPE		N	VARCHAR2	10
Indicates whether this entry was downloaded from CHIPS or added as part of an adjustment in the CHIPS - CAS reconciliation process. Values are: 'DOWNLOADED' - Downloaded from CHIPS 'ADJUSTMENT' - Added as an adjustment entry to enable reconciliation.				
TOTAL DOLLAR AMOUNT		N	NUMBER	14,2
If Entry Type is 'DOWNLOADED', this is the employee's gross annual salary. If the Entry Type is 'ADJUSTED', this is the amount of the adjustment (may be '+' or '-').				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:Each Occurrence Of This Entity:

- * MUST BE belongs to one and only one BCAS PAYLIST
 - * MUST BE is annualized in one and only one SALARY ANNUALIZED
- * = Relationships in primary unique identifier.

Unique Identifiers:

SALDTL	Primary	Y
MUST BE is annualized in one and only one SALARY ANNUALIZED		
MUST BE belongs to one and only one BCAS PAYLIST		
PAY PERIOD END DATE		
ENTRY TYPE		
SALARY RECORD ID		

Notes:

2006.12.27 RjB: When initially downloaded from CHIPS, Salary Details will not have a relationship to GL Expense JE

Entity Name: SALARY DETAIL (cont'd)*Short Name:*

SAL

Details. An important component in the BCAS system is to reconcile the Salary Details with the applicable GL Expense JE Details. This must be done before any Allocations are made to the SALARY JE DETAILS.

Addresses requirements:

Section 4.2.2.3.3 - Salaries are represented in this entity as totals by fiscal year, Responsibility and Employee.

Section 4.2.3.1.3 - Import BCTS Salary & Expenditure data from CHIPS.

Section 4.2.4.2.1 - Business rules will be established for loading new Salary data into BCAS.

Section 4.2.4.2.3 - Quality control procedures shall be implemented to ensure the BCAS database data reconciles to external system. In the case of this entity, No rows may be added, changed or deleted following the initial setup from CHIPS. Any adjustments that need to be made to balance SALARY DETAILS to the GL will be made in GL EXPENSE JOURNAL ENTRY DETAIL.

Section 4.2.4.4.1.6 - Employee names etc code table - This Salary Detail entity contains Employee Name, Department etc and will serve the purposes of an Employee code table.

Section 4.2.4.4.2.1- Relate RC to Employee (ee) - The download from CHIPS contains the RC in each entry. It is possible that a given ee may be included more than once under different RCs.

Section 4.2.5.2.2.3 - BCTS staff person's total salary/benefit \$ is obtained from CHIPS.

Entity Name: TABLE ACCESS

Short Name:

TBA

Plural: TABLE ACCESS

Init. Volume: 5

Avg. Volume: 10

Max. Volume: 20

Annual Growth Rate:

Description:

Defines the primary key elements of selected tables that are referenced in other table. For example, tables referenced in the Parameter or the Filter Criterion table.

The different primary key (<pk>) components of the tables are defined in this table.

For example, the BCAS_SERVICE_LINE table will have a single <pk> element of SERVICE_LINE. The LOAD_CONTROL_STATUS table will have a compound key of FISCAL_YEAR and LOAD_TYPE_CODE.

Attributes:

<u>Name</u>	<u>Domain</u>	<u>Opt</u>	<u>Format</u>	<u>Length</u>
* TABLE NAME		N	VARCHAR2	30
The name of the table whose primary key is defined by the following two attributes.				
PRIMARY KEY 1ST ELEMENT		N	VARCHAR2	30
The name of the first primary key column.				
For example, the BCAS_SERVICE_LINE table will have a single <pk> element of SERVICE_LINE. The LOAD_CONTROL_STATUS table will have a compound key the first component of which will be FISCAL_YEAR.				
PRIMARY KEY 2ND ELEMENT		Y	VARCHAR2	30
The name of the second primary key column.				
For example, the BCAS_SERVICE_LINE table will have a single <pk> element meaning this attribute will be NULL. The LOAD_CONTROL_STATUS table will have a compound key the 2nd component of which is LOAD_TYPE_CODE.				
DISPLAY COLUMN NAME		Y	VARCHAR2	100
The name of the column in the table given by TABLE NAME that contains the Display Value for the selected Allocation Filter.				
ENTRY TIMESTAMP		N	DATE	
The date-time that this row was initially entered.				
ENTRY USERID		N	VARCHAR2	30
The user who initially entered this row.				
UPDATE TIMESTAMP		Y	DATE	
The date-time that this row was most recently updated.				
UPDATE USERID		Y	VARCHAR2	30
The user who most recently updated this row.				
* = Attributes in primary unique identifier.				

Relationships:**Each Occurrence Of This Entity:**

MAY BE the ID of a lookup table for one or more BCAS PARAMETER

MAY BE the ID of a lookup table for one or more BCAS PARAMETER

MAY BE the ID of a lookup table for one or more FILTER CRITERION

MAY BE the ID of a lookup table for one or more FILTER CRITERION

* = Relationships in primary unique identifier.

Unique Identifiers:

FTB

Primary Y

TABLE NAME

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