

Oracle Designer

Report : TABLE DEFINITION
Filename : H:\BIC\ESF\ESF_tbl.pdf
Run by : HAMUIRHE
Report Date : 09 August 2004
Total Pages : 36

Parameter Values

Workarea : ESF
Container : ESF (1)
Container Version :
Recurse Sub-Containers : N
Tab/View/Snap Name : %
Diagram :

Includes
 Tables : Yes
 Views : Yes
 Snapshots : Yes
 Column Details : Yes

Tables Created
 On/After :
and On/Before : 09 August 2004

Tables Changed
 On/After :
 On/Before : 09 August 2004

Table Definition

Container : ESF (1) Version :

Table Name : COORDINATE_SYSTEM_CODE Alias : CSC
 Display Title : Coordinate System Code

Description : The description of the reference frame for, and the means to encode, coordinates in the data set.

User/Help Text : The description of the reference frame for, and the means to encode, coordinates in the data set.

Volumes

Start Rows : 6 End Rows : 10

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	COORDINATE_SYSTEM_CODE	NOT NULL	VARCHAR2 (15)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
CSYSC_PK	COORDINATE_SYSTEM_CODE

Column Detail

1 COORDINATE_SYSTEM_CODE
 Optional ? :No ; Varchar2 (15) ;() ; ; Uppercase ? :No ;
 A code to represent the spatial referencing system to reproject incoming submissions to before doing the validations.

2 DESCRIPTION
 Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
 Full description of the code value.

3 EFFECTIVE_DATE
 Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
 The date the value is available for use.

Table Definition

Container : ESF (1) Version :

Column Detail

4 EXPIRY_DATE

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
The date the value is no longer available for use.

5 UPDATE_TIMESTAMP

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
The date and time the value was last modified.

Table Definition

Container : ESF (1) Version :

Table Name : ELECTRONIC_SUBMISSION Alias : ESF_SUB
 Display Title : Electronic Submission

Description : A submission is an XML document that conforms to a schema defined in the XML SCHEMA REPOSITORY. Each instance of a submission will be tracked by this entity.

User/Help Text : A submission is an XML document that conforms to a schema defined in the XML SCHEMA REPOSITORY. Each instance of a submission will be tracked by this entity.

Volumes

Start Rows : 0 End Rows : 300000

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	SUBMISSION_ID	NOT NULL	NUMBER (10)
13	XML_SCHEMA_VERSION	NOT NULL	NUMBER (10)
16	XML_SCHEMA_ID	NOT NULL	NUMBER (10)
20	ESF_STATUS_CODE	NOT NULL	VARCHAR2 (3)
30	SUBMISSION_TIMESTAMP	NOT NULL	DATE
40	SUBMITTED_BY	NOT NULL	VARCHAR2 (30)
50	ORGANIZATION	NOT NULL	VARCHAR2 (255)
60	ORGANIZATION_SOURCE	NOT NULL	VARCHAR2 (20)
63	STATUS_CHANGE_TIMESTAMP	NOT NULL	DATE
66	LAST_CHECKED_TIMESTAMP	NULL	DATE
70	EMAIL_ID	NULL	VARCHAR2 (255)
80	USER_FILE_NAME	NULL	VARCHAR2 (50)
90	USER_REFERENCE	NULL	VARCHAR2 (50)
100	SUBMISSION_DOCUMENT	NULL	BLOB ()

Primary Key

<u>Name</u>	<u>Column</u>
ESF_SUB_PK	SUBMISSION_ID

Column Detail

10 SUBMISSION_ID
 Optional ? :No ; Number (10) ; () ; ; Uppercase ? :No ;

Table Definition

Container : ESF (1) Version :

Foreign Keys

ESF_SUB_ESC_FK

ESF_STATUS_CODE references ESF_STATUS_CODE.ESF_STATUS_CODE
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

ESF_SUB_ESF_SV_FK

XML_SCHEMA_ID references XML_SCHEMA_VERSION.XML_SCHEMA_ID
 XML_SCHEMA_VERSION references XML_SCHEMA_VERSION.XML_SCHEMA_VERSION
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
ESF_SUB_ESC_FK_I	50	ESF_STATUS_CODE	NOT UNIQUE
ESF_SUB_ESF_SV_FK_I	20	XML_SCHEMA_ID	NOT UNIQUE
ESF_SUB_ESF_SV_FK_I	40	XML_SCHEMA_VERSION	NOT UNIQUE

Column Detail

A unique identifier to track a submission.

13 XML_SCHEMA_VERSION

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
 The version identifier for a specific version of a schema.

16 XML_SCHEMA_ID

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
 A unique identifier to track a schema within the repository.

20 ESF_STATUS_CODE

Optional ? :No ; Varchar2 (3) ;() ; ; Uppercase ? :No ;
 A code to represent how often an email should be sent out detailing messages
 for a submission. Emails can be sent out never, immediately, daily or weekly.

30 SUBMISSION_TIMESTAMP

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
 The date the submission was made.

40 SUBMITTED_BY

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
 The USER ID of the person logged on when the submission was made.

50 ORGANIZATION

Optional ? :No ; Varchar2 (255) ;() ; ; Uppercase ? :No ;
 The ORGANIZATION of the person logged on when the submission was made. This

Container : ESF (1) Version :

Column Detail

value is retrieved from the WebADE.

Notes Depending on the source, this can hold things like a distinguished name from LDAP or an internal MoF client tracking number.

60 ORGANIZATION_SOURCE

Optional ? :No ; Varchar2 (20) ;() ; ; Uppercase ? :No ;

The data source that was used to retrieve the Organization information from. This is retrieved from the WebADE and will have values such as MoF User, IDir and BCeID.

63 STATUS_CHANGE_TIMESTAMP

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

The date the status of this submission was last changed.

66 LAST_CHECKED_TIMESTAMP

Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ;

The date and time this submission was viewed on the WEB.

Notes The idea Brian Howden had here was to find a way to determine when the status of a record was last checked. That way we would avoid emailing people who have viewed it via the WEB. I think we agreed this might be more complex and backfire and we might be better off just to email either status changes or weekly or daily batches of messages. The Ministry of Forests has a Mail Interface in the WEB ADE that provides that kind of service.

70 EMAIL_ID

Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ;

The email address that can be used to distribute subsequent information about a submission.

80 USER_FILE_NAME

Optional ? :Yes ; Varchar2 (50) ;() ; ; Uppercase ? :No ;

The name of the file that the user uploaded.

90 USER_REFERENCE

Optional ? :Yes ; Varchar2 (50) ;() ; ; Uppercase ? :No ;

A reference that the user can optionally supply. This field can be used by the user to search on for outstanding submissions.

100 SUBMISSION_DOCUMENT

Optional ? :Yes ; Blob () ;() ; ; Uppercase ? :No ;

The original submission document stored as a blob.

Notes Need to make sure the physical model implementation is valid.

We may want to store a URL and store the submission in a file system rather than the database.

Table Definition

Container : ESF (1) Version :

Table Name : ESF_AGENT_QUEUE_XREF Alias : EAQX
 Display Title : Esf Agent Queue Xref

Description : Resolves the many to many between a queue and agents.

User/Help Text : Resolves the many to many between a queue and agents.

Volumes

Start Rows : 2 End Rows : 25

Storage

Index-organized ? No

Column Summary

<u>Col. Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
2	ESF_QUEUE_AGENT_ID	NOT NULL	NUMBER (10)
4	ESF_DISTRIBUTION_QUEUE_NAME	NOT NULL	VARCHAR2 (50)

Primary Key

<u>Name</u>	<u>Column</u>
EAQX_PK	ESF_DISTRIBUTION_QUEUE_NAME ESF_QUEUE_AGENT_ID

Foreign Keys

EAQX_ESF_AGENT_FK

ESF_QUEUE_AGENT_ID references ESF_QUEUE_AGENT.ESF_QUEUE_AGENT_ID
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

EAQX_ESF_DQ_FK

ESF_DISTRIBUTION_QUEUE_NAME references
 ESF_DISTRIBUTION_QUEUE.ESF_DISTRIBUTION_QUEUE_NAME
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
EAQX_ESF_AGENT_FK_I	20	ESF_QUEUE_AGENT_ID	NOT UNIQUE
EAQX_ESF_DQ_FK_I	100	ESF_DISTRIBUTION_QUEUE_NAM E	NOT UNIQUE

Table Definition

Container : ESF (1) Version :

Column Detail

2 ESF_QUEUE_AGENT_ID

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

A unique identifier for a queue agent.

4 ESF_DISTRIBUTION_QUEUE_NAME

Optional ? :No ; Varchar2 (50) ;() ; ; Uppercase ? :No ;

The name of the queue that the message needs to be distributed to.

Table Definition

Container : ESF (1) Version :

Table Name : ESF_CONFIGURATION Alias : ESF_EC
 Display Title : Esf Configuration

Description : The electronic submission framework needs configuration information to control the behaviour of various aspects of the system. (e.g database names, availability windows etc.).

User/Help Text : The electronic submission framework needs configuration information to control the behaviour of various aspects of the system. (e.g database names, availability windows etc.).

Volumes

Start Rows : 1 End Rows : 1

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	APPLICATION_ACRONYM	NOT NULL	VARCHAR2 (30)
2	FILE_STORE_LOCATION	NOT NULL	VARCHAR2 (255)
3	FILE_STORE_URL	NOT NULL	VARCHAR2 (255)
4	SCRATCH_DIR_LOCATION	NOT NULL	VARCHAR2 (255)
5	MAIL_SCHED_DELIV_DAY	NULL	VARCHAR2 (3)
6	MAIL_SCHED_DELIV_HOUR	NULL	NUMBER (10)

Primary Key

<u>Name</u>	<u>Column</u>
ESF_EC_PK	APPLICATION_ACRONYM

Column Detail

1 APPLICATION_ACRONYM
 Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;
 The Application acronym given to the WebADE application using this config.

2 FILE_STORE_LOCATION
 Optional ? :No ; Varchar2 (255) ;() ; ; Uppercase ? :No ;
 The path on the server to the location used for storing schemas and stylesheets for publishing and use in schema validation.

3 FILE_STORE_URL
 Optional ? :No ; Varchar2 (255) ;() ; ; Uppercase ? :No ;
 The fully qualified URL that is used to retrieve the schemas and stylesheets.

Table Definition

Container : ESF (1) Version :

Column Detail

4 SCRATCH_DIR_LOCATION

Optional ? :No ; Varchar2 (255) ;() ; ; Uppercase ? :No ;

The path on the server to the location used as temporary storage location while processing the submissions.

5 MAIL_SCHED_DELIV_DAY

Optional ? :Yes ; Varchar2 (3) ;() ; ; Uppercase ? :No ;

The delivery day used when a weekly delivery schedule is chosen for a schema.

6 MAIL_SCHED_DELIV_HOUR

Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;

The default hour used to deliver mail for the day.

Table Definition

Container : ESF (1) Version :

Table Name : ESF_DISTRIBUTION_QUEUE Alias : ESF_DQ
 Display Title : Esf Distribution Queue

Description : In order to ensure the framework is generic from a distribution perspective the XML submissions will be placed in a message queue. Each business area can develop custom code (message queue agents) to asynchronously process the document. This will allow the framework to complete its portion of the the transaction even if remote systems are not available. It will be the responsibility of the remote system to update the status of the submission. (this could be done via messaging as well).

User/Help Text : In order to ensure the framework is generic from a distribution perspective the XML submissions will be placed in a message queue. Each business area can develop custom code (message queue agents) to asynchronously process the document. This will allow the framework to complete its portion of the the transaction even if remote systems are not available. It will be the responsibility of the remote system to update the status of the submission. (this could be done via messaging as well).

Volumes

Start Rows : 2 End Rows : 25

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	ESF_DISTRIBUTION_QUEUE_NAME	NOT NULL	VARCHAR2 (50)
2	QUEUE_JDBC_URL	NOT NULL	VARCHAR2 (255)
3	DB_SCHEMA	NOT NULL	VARCHAR2 (50)
4	DB_PASSWORD	NOT NULL	VARCHAR2 (50)
5	CONTACT_EMAIL_ID	NULL	VARCHAR2 (255)
6	REVISION_COUNT	NOT NULL	NUMBER (10)
7	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
8	ENTRY_TIMESTAMP	NOT NULL	DATE
9	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
10	UPDATE_TIMESTAMP	NOT NULL	DATE
11	DB_USERNAME	NOT NULL	VARCHAR2 (50)

Primary Key

<u>Name</u>	<u>Column</u>
ESF_DQ_PK	ESF_DISTRIBUTION_QUEUE_NAME

Table Definition

Container : ESF (1) Version :

Column Detail

- | | |
|----|---|
| 1 | <p>ESF_DISTRIBUTION_QUEUE_NAME</p> <p>Optional ? :No ; Varchar2 (50) ;() ; ; Uppercase ? :No ;</p> <p>The name of the queue that the message needs to be distributed to.</p> |
| 2 | <p>QUEUE_JDBC_URL</p> <p>Optional ? :No ; Varchar2 (255) ;() ; ; Uppercase ? :No ;</p> <p>The JDBC URL of the server in which the message queue resides.
SYNTAX: jdbc:oracle:thin:@<hostname>:<port>:<sid></p> <p><u>Notes</u> JDBC stands for "Java DataBase Connectivity". This is the standard Java format for defining the connection string for the database. Similar to TNSNAMES.ORA.</p> |
| 3 | <p>DB_SCHEMA</p> <p>Optional ? :No ; Varchar2 (50) ;() ; ; Uppercase ? :No ;</p> <p>The database userid to use in order to connect to the queue.</p> <p><u>Notes</u> This will mostly be used for documentation of the actual location of the queues however, this could possibly be used admin agent to directly communicate with the queues if the need arises.</p> |
| 4 | <p>DB_PASSWORD</p> <p>Optional ? :No ; Varchar2 (50) ;() ; ; Uppercase ? :No ;</p> <p>The password used to connect to the schema which contains the message queues.</p> |
| 5 | <p>CONTACT_EMAIL_ID</p> <p>Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ;</p> <p>The SMTP address of the person(s) responsible for this queue. This address would be contacted if problems arose with this particular queue.</p> <p><u>Notes</u> This is useful if the queues are on distributed systems and there no single person responsible for the queues.</p> |
| 6 | <p>REVISION_COUNT</p> <p>Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;</p> <p>Internal counter used by the system to avoid conflicting updates to the record.</p> |
| 7 | <p>ENTRY_USERID</p> <p>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</p> <p>The userid of the person who created the record.</p> |
| 8 | <p>ENTRY_TIMESTAMP</p> <p>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</p> <p>The date and time the record was created.</p> |
| 9 | <p>UPDATE_USERID</p> <p>Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;</p> <p>If the record was updated, the user id of the person who updated the record.</p> |
| 10 | <p>UPDATE_TIMESTAMP</p> <p>Optional ? :No ; Date ;() ; ; Uppercase ? :No ;</p> |

Table Definition

Container : ESF (1) Version :

Column Detail

If the record has been updated, the date and time the update took place.

11 DB_USERNAME

Optional ? :No ; Varchar2 (50) ;() ; ; Uppercase ? :No ;

The username to use when connecting to the queue.

Table Definition

Container : ESF (1) Version :

Table Name : ESF_EMAIL_FREQUENCY_CODE Alias : EFC
Display Title : Esf Email Frequency Code

Description : A code to describe the frequency at which an email is to be sent to an individual with regards to an electronic submission. At each interval all ESF SUBMISSION MESSAGES not previously sent for a submission will be sent.

User/Help Text : A code to describe the frequency at which an email is to be sent to an individual with regards to an electronic submission. At each interval all ESF SUBMISSION MESSAGES not previously sent for a submission will be sent.

Volumes

Start Rows : 5 End Rows : 5

Storage

Index-organized ? No

Column Summary

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

Primary Key

<u>Name</u>	<u>Column</u>
EFC_PK	ESF_EMAIL_FREQUENCY_CODE

Column Detail

1 ESF_EMAIL_FREQUENCY_CODE
Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
A code to represent how often an email should be sent out detailing messages for a submission. Emails can be sent out never, immediately, daily or weekly.
Notes Values may be the following:
I >>> Immediately
D >>> Daily
W >>> Weekly
N >>> Never

2 DESCRIPTION
Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;

Table Definition

Container : ESF (1) Version :

Column Detail

Full description of the code value.

3 EFFECTIVE_DATE

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
The date the value is available for use.

4 EXPIRY_DATE

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
The date the value is no longer available for use.

5 UPDATE_TIMESTAMP

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
The date and time the value was last modified.

Table Definition

Container : ESF (1) Version :

Table Name : ESF_MINISTRY_CODE Alias : MIN_1
 Display Title : Esf Ministry Code

Description : An major organization unit within the provincial government.

User/Help Text : An major organization unit within the provincial government.

Volumes

Start Rows : 2 End Rows : 30

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	ESF_MINISTRY_CODE	NOT NULL	VARCHAR2 (10)
2	DESCRIPTION	NOT NULL	VARCHAR2 (120)
3	EFFECTIVE_DATE	NOT NULL	DATE
4	EXPIRY_DATE	NOT NULL	DATE
5	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
MIN_1_PK	ESF_MINISTRY_CODE

Column Detail

1 ESF_MINISTRY_CODE
 Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;
 Unique code to define a ministry

2 DESCRIPTION
 Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;
 Name of the ministry.

3 EFFECTIVE_DATE
 Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
 The date the value is available for use.

4 EXPIRY_DATE
 Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
 The date the value is no longer available for use.

5 UPDATE_TIMESTAMP

Table Definition

Container : ESF (1) Version :

Column Detail

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
The date and time the value was last modified.

Table Definition

Container : ESF (1) Version :

Table Name : ESF_QUEUE_AGENT Alias : ESF_AGEN
T
Display Title : Esf Queue Agent

Description : A queue agent is responsible for removing the messages from a designated message queue and applying the message as defined by the business area.

User/Help Text : A queue agent is responsible for removing the messages from a designated message queue and applying the message as defined by the business area.

Volumes

Start Rows : 2 End Rows : 25

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	ESF_QUEUE_AGENT_ID	NOT NULL	NUMBER (10)
2	AGENT_NAME	NOT NULL	VARCHAR2 (30)
3	DESCRIPTION	NULL	VARCHAR2 (255)
4	CONTACT_EMAIL_ID	NULL	VARCHAR2 (255)
5	LAST_PING_ATTEMPT	NULL	DATE
6	LAST_PING_SUCCESS	NULL	DATE
7	REVISION_COUNT	NOT NULL	NUMBER (10)
8	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
9	ENTRY_TIMESTAMP	NOT NULL	DATE
10	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
11	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
ESF_AGENT_PK	ESF_QUEUE_AGENT_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
ESF_AGENT_ESF_AN_UK	AGENT_NAME

Column Detail

Table Definition

Container : ESF (1) Version :

Column Detail

1	ESF_QUEUE_AGENT_ID Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ; A unique identifier for a queue agent.
2	AGENT_NAME Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ; Descriptive name of the agent. Should give some idea to an administrator as to the function of the agent.
3	DESCRIPTION Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ; An explanation of the purpose of the agent for display in the administration website.
4	CONTACT_EMAIL_ID Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ; The SMTP address of the person to contact regarding the agent.
5	LAST_PING_ATTEMPT Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ; The last date and time the ESF system attempted to contact the agent.
6	LAST_PING_SUCCESS Optional ? :Yes ; Date ;() ; ; Uppercase ? :No ; The last date and time the ESF system successfully contacted the agent for a status or ping.
7	REVISION_COUNT Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ; Internal counter used by the system to avoid conflicting updates to the record.
8	ENTRY_USERID Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ; The userid of the person who created the record.
9	ENTRY_TIMESTAMP Optional ? :No ; Date ;() ; ; Uppercase ? :No ; The date and time the record was created.
10	UPDATE_USERID Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ; If the record was updated, the user id of the person who updated the record.
11	UPDATE_TIMESTAMP Optional ? :No ; Date ;() ; ; Uppercase ? :No ; If the record has been updated, the date and time the update took place.

Table Definition

Container : ESF (1) Version :

Table Name : ESF_SCHEMA_QUEUE_XREF Alias : ESQX
 Display Title : Esf Schema Queue Xref

Description : Resolution entity. Allows the ability to specify a XSL document to be applied to a message before being dropped into the designated queue.

User/Help Text : Resolution entity. Allows the ability to specify a XSL document to be applied to a message before being dropped into the designated queue.

Volumes

Start Rows : 2 End Rows : 25

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	XML_SCHEMA_ID	NOT NULL	NUMBER (10)
15	XML_SCHEMA_VERSION	NOT NULL	NUMBER (10)
17	ESF_DISTRIBUTION_QUEUE_NAME	NOT NULL	VARCHAR2 (50)
20	XSLT_URL	NULL	VARCHAR2 (255)

Primary Key

<u>Name</u>	<u>Column</u>
ESQX_PK	XML_SCHEMA_ID XML_SCHEMA_VERSION ESF_DISTRIBUTION_QUEUE_NAME

Foreign Keys

ESQX_ESF_DQ_FK

ESF_DISTRIBUTION_QUEUE_NAME references
 ESF_DISTRIBUTION_QUEUE.ESF_DISTRIBUTION_QUEUE_NAME
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

ESQX_ESF_SV_FK

XML_SCHEMA_ID references XML_SCHEMA_VERSION.XML_SCHEMA_ID
 XML_SCHEMA_VERSION references XML_SCHEMA_VERSION.XML_SCHEMA_VERSION
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

Column Detail

Table Definition

Container : ESF (1) Version :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
ESQX_ESF_DQ_FK_I	100	ESF_DISTRIBUTION_QUEUE_NAME	NOT UNIQUE
ESQX_ESF_SV_FK_I	20	XML_SCHEMA_ID	NOT UNIQUE
ESQX_ESF_SV_FK_I	40	XML_SCHEMA_VERSION	NOT UNIQUE

Column Detail

10	XML_SCHEMA_ID	Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ; A unique identifier to track a schema within the repository.
15	XML_SCHEMA_VERSION	Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ; The version identifier for a specific version of a schema.
17	ESF_DISTRIBUTION_QUEUE_NAME	Optional ? :No ; Varchar2 (50) ;() ; ; Uppercase ? :No ; The name of the queue that the message needs to be distributed to.
20	XSLT_URL	Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ; The URL of the transformation to apply against a submission before placing onto the designated queue.
	<u>Notes</u>	We may want to store the actual XSLT within the database and have the system generate the file to the URL.

Table Definition

Container : ESF (1) Version :

Table Name : ESF_STATUS_CODE Alias : ESC
 Display Title : Esf Status Code

Description : A discrete subset of status codes that defines the status of a submission. (e.g received, in progress, accepted, rejected).

Notes : Values may be the following:

SUB >>> Submitted
 PRO >>> In Progress
 ACC >>> Accepted
 REJ >>> Rejected
 PTL >>> Partial

User/Help Text : A discrete subset of status codes that defines the status of a submission. (e.g received, in progress, accepted, rejected).

Volumes

Start Rows : 5 End Rows : 5

Storage

Index-organized ? No

Column Summary

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

Primary Key

<u>Name</u>	<u>Column</u>
ESTATC_PK	ESF_STATUS_CODE

Column Detail

1 ESF_STATUS_CODE
 Optional ? :No ; Varchar2 (3) ;() ; ; Uppercase ? :No ;
 A code to represent how often an email should be sent out detailing messages for a submission. Emails can be sent out never, immediately, daily or weekly.

2 DESCRIPTION
 Optional ? :No ; Varchar2 (120) ;() ; ; Uppercase ? :No ;

Table Definition

Container : ESF (1) Version :

Column Detail

Full description of the code value.

3 EFFECTIVE_DATE

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
The date the value is available for use.

4 EXPIRY_DATE

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
The date the value is no longer available for use.

5 UPDATE_TIMESTAMP

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
The date and time the value was last modified.

Table Definition

Container : ESF (1) Version :

Table Name : ESF_SUBMISSION_AUDIT Alias : ESA
Display Title : Esf Submission Audit

Synonyms: ESF_SUBMISSION_AUDIT

Description : Several events that occur for a submission need to be audited in order to be able to provide debugging information. Examples of the events are submission received, notification sent, transmission failure, queue failure.

User/Help Text : Several events that occur for a submission need to be audited in order to be able to provide debugging information. Examples of the events are submission received, notification sent, transmission failure, queue failure.

Volumes

Start Rows : 0 End Rows : 3000000

Storage

Index-organized ? No

Column Summary

<u>Col.</u>	<u>Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10		ESF_SUBMISSION_AUDIT_ID	NOT NULL	NUMBER (10)
15		SUBMISSION_ID	NOT NULL	NUMBER (10)
20		ESF_AUDIT_MESSAGE_ID	NOT NULL	NUMBER (10)
30		AUDIT_SOURCE	NOT NULL	VARCHAR2 (100)
40		AUDIT_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
ESA_PK	ESF_SUBMISSION_AUDIT_ID

Foreign Keys

ESA_ESF_AM_FK

ESF_AUDIT_MESSAGE_ID references
ESF_AUDIT_MESSAGE.ESF_AUDIT_MESSAGE_ID
Transferable ? Yes Update Rule : Restricted
Mandatory ? Yes Delete Rule : Restricted

ESA_ESF_SUB_FK

SUBMISSION_ID references ELECTRONIC_SUBMISSION.SUBMISSION_ID
Transferable ? Yes Update Rule : Restricted
Mandatory ? Yes Delete Rule : Restricted

Table Definition

Container : ESF (1) Version :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
ESA_ESF_AM_FK_I	50	ESF_AUDIT_MESSAGE_ID	NOT UNIQUE
ESA_ESF_SUB_FK_I	50	SUBMISSION_ID	NOT UNIQUE

Column Detail

10 ESF_SUBMISSION_AUDIT_ID

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
 A unique identifier for the audit entry.

15 SUBMISSION_ID

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
 A unique identifier to track a submission.

20 ESF_AUDIT_MESSAGE_ID

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
 A unique identifier for an audit message.

Notes This will likely need to be known by any application using it so
 a sequence number is not necessarily a good implementation for
 managing the values.

30 AUDIT_SOURCE

Optional ? :No ; Varchar2 (100) ;() ; ; Uppercase ? :No ;
 The source that has initiated the audit message.

Notes This will hold values as to who generated the audit message such
 as Submission Borker or ESF Agent or FTA Agent.

40 AUDIT_TIMESTAMP

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;
 The date and time the audit entry was made.

Table Definition

Container : ESF (1) Version :

Table Name : ESF_SUBMISSION_MESSAGE Alias : ESF_SM
Display Title : Esf Submission Message

Synonyms: ESF_SUBMISSION_MESSAGE

Description : Each submission may have several messages associated with it. This entity tracks messages received by the process or systems processing a submission. Examples include approvals, rejections, in progress etc.

User/Help Text : Each submission may have several messages associated with it. This entity tracks messages received by the process or systems processing a submission. Examples include approvals, rejections, in progress etc.

Volumes

Start Rows : 0 End Rows : 3000000

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
1	ESF_SUBMISSION_MESSAGE_ID	NOT NULL	NUMBER (10)
2	SUBMISSION_ID	NOT NULL	NUMBER (10)
4	MESSAGE_CONTENT	NOT NULL	VARCHAR2 (2000)
5	MESSAGE_TIMESTAMP	NOT NULL	DATE
17	MESSAGE_ORIGINATOR	NULL	VARCHAR2 (50)
27	EXTERNAL_MESSAGE_CD	NULL	VARCHAR2 (10)

Primary Key

<u>Name</u>	<u>Column</u>
ESF_SM_PK	ESF_SUBMISSION_MESSAGE_ID

Foreign Keys

ESF_SM_ESF_SUB_FK	
SUBMISSION_ID references	ELECTRONIC_SUBMISSION.SUBMISSION_ID
Transferable ? Yes	Update Rule : Restricted
Mandatory ? Yes	Delete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
ESF_SM_ESF_SUB_FK_I	50	SUBMISSION_ID	NOT UNIQUE

Table Definition

Container : ESF (1) Version :

Column Detail

1	ESF_SUBMISSION_MESSAGE_ID	Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ; Unique ID for messages.
2	SUBMISSION_ID	Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ; A unique identifier to track a submission.
4	MESSAGE_CONTENT	Optional ? :No ; Varchar2 (2000) ;() ; ; Uppercase ? :No ; The content of the message. The message will be text based and may contain HTML.
5	MESSAGE_TIMESTAMP	Optional ? :No ; Date ;() ; ; Uppercase ? :No ; The date and time the message was placed in the queue.
17	MESSAGE_ORIGINATOR	Optional ? :Yes ; Varchar2 (50) ;() ; ; Uppercase ? :No ; The individual (or possibly organization) that put the message in the queue.
27	EXTERNAL_MESSAGE_CD	Optional ? :Yes ; Varchar2 (10) ;() ; ; Uppercase ? :No ; This enables codes to be passed to the framework by the appropriate system. External systems that want an electronic interface to the submission messages will be able to group the messages by these codes. The codes will be specific to the originator of the message and meaningless to the electronic submission framework.
<u>Notes</u>		Brian Howden suggested on Nov 21th based on feedback from a forestry company. Seemed like a good idea so I did not want to lose it.

Table Definition

Container : ESF (1) Version :

Table Name : XML_SCHEMA Alias : ESF_SC
Display Title : Xml Schema

Synonyms: XML_SCHEMA

Description : The content of an XML document is validated against an XML Schema.
This table is the repository of known schema's for the electronic submission web-site.

Notes : Bonnie noted that the submission type is missing. This what represents (implements) a submission type. We could rename but then it does not match the logical view of the schema management that is also part of this project.

User/Help Text : The content of an XML document is validated against an XML Schema.
This table is the repository of known schema's for the electronic submission web-site.Volumes

Start Rows : 2 End Rows : 25

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	XML_SCHEMA_ID	NOT NULL	NUMBER (10)
20	ESF_MINISTRY_CODE	NOT NULL	VARCHAR2 (10)
25	ESF_EMAIL_FREQUENCY_CODE	NOT NULL	VARCHAR2 (1)
30	SCHEMA_NAME	NOT NULL	VARCHAR2 (50)
50	CURRENT_VERSION	NOT NULL	NUMBER (10)
51	SUBMISSION_ARCHIVE_IND	NOT NULL	VARCHAR2 (1)
52	SUBMISSION_ARCHIVE_DURATION	NULL	NUMBER (10)
55	DESCRIPTION	NULL	VARCHAR2 (255)
60	ORG_UNIT_CODE	NULL	VARCHAR2 (255)
70	CONTACT_NAME	NULL	VARCHAR2 (255)
80	CONTACT_EMAIL_ID	NULL	VARCHAR2 (255)
110	MAIL_TASK_ID	NULL	NUMBER (10)
120	REVISION_COUNT	NOT NULL	NUMBER (10)
130	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
140	ENTRY_TIMESTAMP	NOT NULL	DATE
150	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
160	UPDATE_TIMESTAMP	NOT NULL	DATE
161	DISPLAY_NAME	NOT NULL	VARCHAR2 (50)

Table Definition

Container : ESF (1) Version :

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
162	SCHEMA_NAMESPACE	NOT NULL	VARCHAR2 (1000)

Primary Key

<u>Name</u>	<u>Column</u>
ESF_SC_PK	XML_SCHEMA_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
ESF_SC_ESF_SN_UK	SCHEMA_NAME

Foreign Keys

ESF_SC_EFC_FK

ESF_EMAIL_FREQUENCY_CODE references
 ESF_EMAIL_FREQUENCY_CODE.ESF_EMAIL_FREQUENCY_CODE
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

ESF_SC_MIN_1_FK

ESF_MINISTRY_CODE references ESF_MINISTRY_CODE.ESF_MINISTRY_CODE
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
ESF_SC_EFC_FK_I	50	ESF_EMAIL_FREQUENCY_CODE	NOT UNIQUE
ESF_SC_MIN_1_FK_I	20	ESF_MINISTRY_CODE	NOT UNIQUE

Column Detail

10 XML_SCHEMA_ID
 Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
 A unique identifier to track a schema within the repository.

20 ESF_MINISTRY_CODE
 Optional ? :No ; Varchar2 (10) ;() ; ; Uppercase ? :No ;
 Unique code to define a ministry

25 ESF_EMAIL_FREQUENCY_CODE
 Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;
 A code to represent how often an email should be sent out detailing messages

Table Definition

Container : ESF (1) Version :

Column Detail

for a submission. Emails can be sent out never, immediately, daily or weekly.

Notes Values may be the following:

I >>> Immediately
 D >>> Daily
 W >>> Weekly
 N >>> Never

30 SCHEMA_NAME

Optional ? :No ; Varchar2 (50) ;() ; ; Uppercase ? :No ;

A XML schema defines the requirements for a XML submission. The submission can be any number of features or groupings of information that the BC government wishes to receive information on. Examples are Silviculture Standards Submission, Cutting Permit Application, Silviculture Activities, Arch study, TRIM Watershed update etc.

50 CURRENT_VERSION

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Defines the most current version for this schema.

51 SUBMISSION_ARCHIVE_IND

Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

An indicator as to whether the incoming submission file should be archived in the database.

Notes Values can be 'Y' or 'N'.

52 SUBMISSION_ARCHIVE_DURATION

Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;

The number of days a submission should be archived for within the framework, should the "Archive Submission Indicator" be set to "Y".

Notes A clean up process will either delete the blobs from the database or remove the files from the filesystem, depending on where the submission is stored.

55 DESCRIPTION

Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ;

A description of the schema suitable for display by an application.

60 ORG_UNIT_CODE

Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ;

The code of the organization that is responsible for this schema.

Notes At this time the code will not be related to an Org Unit Code table. This will be addressed in the future when a corporate (cross-government) entity of this type exists.

70 CONTACT_NAME

Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ;

The name of the person responsible for the schema.

80 CONTACT_EMAIL_ID

Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ;

Table Definition

Container : ESF (1) Version :

Column Detail

The SMTP address of the person(s) responsible for the schema.

110 MAIL_TASK_ID

Optional ? :Yes ; Number (10) ;() ; ; Uppercase ? :No ;

The task ID within WebADE for the mailing task job. This ID will be used when preparing to send messages regarding this schema.

120 REVISION_COUNT

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Internal counter used by the system to avoid conflicting updates to the record.

130 ENTRY_USERID

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

The userid of the person who created the record.

140 ENTRY_TIMESTAMP

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

The date and time the record was created.

150 UPDATE_USERID

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

If the record was updated, the user id of the person who updated the record.

160 UPDATE_TIMESTAMP

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

If the record has been updated, the date and time the update took place.

161 DISPLAY_NAME

Optional ? :No ; Varchar2 (50) ;() ; ; Uppercase ? :No ;

The well-known business name for a submission type that will be displayed to the clients.

162 SCHEMA_NAMESPACE

Optional ? :No ; Varchar2 (1000) ;() ; ; Uppercase ? :No ;

A URL that uniquely identifies a specific schema.

Table Definition

Container : ESF (1) Version :

Table Name : XML_SCHEMA_VERSION Alias : ESF_SV
Display Title : Xml Schema Version

Synonyms: XML_SCHEMA_VERSION

Description : Each schema in the repository can contain multiple versions. The framework needs to support validate documents submitted using an older schema version. This entity contains the schema for each of those version(s).

User/Help Text : Each schema in the repository can contain multiple versions. The framework needs to support validate documents submitted using an older schema version. This entity contains the schema for each of those version(s).

Volumes

Start Rows : 4 End Rows : 100

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	XML_SCHEMA_VERSION	NOT NULL	NUMBER (10)
15	XML_SCHEMA_ID	NOT NULL	NUMBER (10)
17	COORDINATE_SYSTEM_CODE	NULL	VARCHAR2 (15)
20	SCHEMA_URL	NOT NULL	VARCHAR2 (255)
60	SUPPORTED_IND	NOT NULL	VARCHAR2 (1)
70	VALIDATE_SPATIAL_IND	NOT NULL	VARCHAR2 (1)
73	SUBMISSION_SUMMARY_XSLT_URL	NULL	VARCHAR2 (255)
76	MORE_INFO_URL	NULL	VARCHAR2 (255)
80	REVISION_COUNT	NOT NULL	NUMBER (10)
90	ENTRY_USERID	NOT NULL	VARCHAR2 (30)
100	ENTRY_TIMESTAMP	NOT NULL	DATE
110	UPDATE_USERID	NOT NULL	VARCHAR2 (30)
120	UPDATE_TIMESTAMP	NOT NULL	DATE

Primary Key

<u>Name</u>	<u>Column</u>
ESF_SV_PK	XML_SCHEMA_ID XML_SCHEMA_VERSION

Column Detail

Table Definition

Container : ESF (1) Version :

Other Unique Keys

<u>Name</u>	<u>Column</u>
ESF_SV_ESF_SURL_UK	SCHEMA_URL

Foreign Keys

ESF_SV_CSC_FK

COORDINATE_SYSTEM_CODE references
 COORDINATE_SYSTEM_CODE.COORDINATE_SYSTEM_CODE

Transferable ? Yes Update Rule : Restricted
 Mandatory ? No Delete Rule : Restricted

ESF_SV_ESF_SC_FK

XML_SCHEMA_ID references XML_SCHEMA.XML_SCHEMA_ID

Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
ESF_SV_CSC_FK_I	50	COORDINATE_SYSTEM_CODE	NOT UNIQUE
ESF_SV_ESF_SC_FK_I	50	XML_SCHEMA_ID	NOT UNIQUE

Column Detail

10 XML_SCHEMA_VERSION

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
 The version identifier for a specific version of a schema.

15 XML_SCHEMA_ID

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;
 A unique identifier to track a schema within the repository.

17 COORDINATE_SYSTEM_CODE

Optional ? :Yes ; Varchar2 (15) ;() ; ; Uppercase ? :No ;
 A code to represent the spatial referencing system to reproject incoming
 submissions to before doing the validations.

20 SCHEMA_URL

Optional ? :No ; Varchar2 (255) ;() ; ; Uppercase ? :No ;
 The official location of the schema located within the ESF system. This URL
 will be used to validate the submission by both the submission framework and
 the clients when generating the submissions.

Notes We may want to make the official location of a schema in the
 database as a blob and have the system generate the file to the
 URL.

60 SUPPORTED_IND

Container : ESF (1) Version :

Column Detail

Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

A version over time may no longer be supported. If the value of this column is "N" it means the version is not supported and a submission should not be accepted.

70 VALIDATE_SPATIAL_IND

Optional ? :No ; Varchar2 (1) ;() ; ; Uppercase ? :No ;

Indicator of whether or not to perform validation on any spatial submissions using this schema version.

Notes This value will either be a 'Y' or an 'N'.

73 SUBMISSION_SUMMARY_XSLT_URL

Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ;

The URL to the XSLT that will transform the incoming submission into a summary to be displayed after the submission has been accepted.

Notes This will give information like the number of cut blocks or openings or whatever. Just some Meta data about the contents of the submission to display to the submitter to give them some feedback on the contents of the submission.

We may want to store the actual XSLT within the database and have the system generate the file to the URL.

76 MORE_INFO_URL

Optional ? :Yes ; Varchar2 (255) ;() ; ; Uppercase ? :No ;

An optional field that allows the framework to provide a URL that re-directs a user to another system that may provide more detail on the status.

Notes This could also be included with a message so this is only a general purpose field. We could add a rule that says the submission_id will be added to the URL.

80 REVISION_COUNT

Optional ? :No ; Number (10) ;() ; ; Uppercase ? :No ;

Internal counter used by the system to avoid conflicting updates to the record.

90 ENTRY_USERID

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

The userid of the person who created the record.

100 ENTRY_TIMESTAMP

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

The date and time the record was created.

110 UPDATE_USERID

Optional ? :No ; Varchar2 (30) ;() ; ; Uppercase ? :No ;

If the record was updated, the user id of the person who updated the record.

120 UPDATE_TIMESTAMP

Optional ? :No ; Date ;() ; ; Uppercase ? :No ;

If the record has been updated, the date and time the update took place.

Oracle Designer

TABLE DEFINITION

End of Report