

CATS Database Model ~ *Defining the Tables*

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| | |
|---|----------|
| Defining the Database..... | 4 |
| Database name: CATS Data Model..... | 4 |
| DBMS name: ORACLE Version 8i (8.1.5)..... | 4 |
| Table: Conference | 5 |
| Table: Guidelines | 5 |
| Table: Rating_Criteria | 5 |
| Table: Job_Definition | 6 |
| Table: LOOKUP_CODE | 6 |
| Table: Query_List..... | 6 |
| Table: Feeds..... | 7 |
| Table: Qualifier | 7 |
| Table: Comm_Code | 7 |
| Table: COUNTRY_CODES..... | 8 |
| Table: STATE_CODES | 8 |
| Table: USER_PREFS..... | 8 |
| Table: USER_ROLE | 9 |
| Table: UI_Permission..... | 9 |
| Table: DOC_TYPE..... | 10 |
| Table: DOC_VERSION | 10 |
| Table: DOC_FORMAT | 11 |
| Table: GM_System | 11 |
| Table: Division..... | 11 |
| Table: Location | 12 |
| Table: UI_Category | 12 |
| Table: MSG_LOG..... | 12 |
| Index: IDX_MSG_LOG_TASK_NAME..... | 13 |
| Table: DATA_CHANGE | 13 |
| Table: APPLICATION_DESCS..... | 13 |
| Table: Fax_Reject | 13 |
| Table: LANGUAGES | 14 |
| Table: Activation_System | 14 |
| Table: Bulletin | 14 |
| Table: Fax_Comm_Codes | 15 |
| Table: QUEUE..... | 15 |
| Table: EXCEPTION_TYPE | 15 |
| Table: QUALIFIERS..... | 16 |
| Table: New_Load_Job | 16 |
| Table: Query_Parameters..... | 16 |
| Table: UI_Subtab_List | 17 |
| Table: UI_Subtabs | 17 |
| Table: UI_Task | 18 |
| Table: ADDRESS | 18 |
| Table: LABEL_GROUPS..... | 19 |
| Table: BUSINESS_DOCUMENTS..... | 19 |
| Table: LANGUAGE_LABELS | 20 |
| Table: Job_Status | 20 |
| Table: QUEUE_LOOKUP..... | 21 |
| Table: Trading_Partner | 22 |

| | |
|------------------------------------|----|
| Table: New_Load_Partner..... | 23 |
| Table: Conference_Attendance..... | 23 |
| Table: Channel | 24 |
| Table: Supplier_Documents | 25 |
| Table: CONTACT | 26 |
| Table: TP_Activation | 27 |
| Table: partner_comment..... | 27 |
| Table: Bulletin_Address_Book | 28 |
| Table: Site | 28 |
| Table: New_Load_Site_Variance..... | 29 |
| Table: Document_Requests | 29 |
| Table: Ship_To_Location | 30 |
| Table: Sites_To_Customer..... | 31 |
| Table: Guidelines_Sent | 31 |
| Table: TP_Service_Provider | 32 |
| Table: contract_profile | 33 |
| Table: Customer_Documents | 34 |
| Table: Rating..... | 35 |
| Table: New_Load_Related_Sites..... | 35 |
| Table: Supplier_To_Sites..... | 36 |

DEFINING THE DATABASE

Database name: CATS Data Model

DBMS name: ORACLE Version 8i (8.1.5)

Table: Conference

```
create table Conference
  Conference_Id      INT                        not null,
  Topic              VARCHAR2(15)             not null,
  Rsvp_Date          DATE                      not null,
  Location           VARCHAR2(100),
  Created_By         VARCHAR2(50),
  Create_Date        DATE,
  Updated_By         VARCHAR2(50),
  Update_Date        DATE,
  Audit_Notes        VARCHAR2(4000),

constraint PK_CONFERENCE primary key (Conference_Id)
```

Table: Guidelines

```
create table Guidelines
  Guideline_Id      INT                        not null,
  Title             VARCHAR2(50)              not null,
  Version           VARCHAR2(50),
  Guideline_Doc     BLOB,
  Created_By        VARCHAR2(50),
  Create_Date       DATE,
  Updated_By        VARCHAR2(50),
  Update_Date       DATE,
  Audit_Notes       VARCHAR2(4000),

constraint PK_GUIDELINES primary key (Guideline_Id)
```

Table: Rating_Criteria

```
create table Rating_Criteria
  Criteria_Id      INT                        not null,
  Name             VARCHAR2(50)              not null,
  Weight           INT                       not null,
  Created_By       VARCHAR2(50),
  Create_Date      DATE,
  Updated_By       VARCHAR2(50),
  Update_Date      DATE,
  Audit_Notes      VARCHAR2(4000),

constraint PK_RATING_CRITERIA primary key (Criteria_Id)
```

Table: Job_Definition

```
create table Job_Definition
  Job_Id          INT                      not null,
  Name            VARCHAR2(50)             not null,
  Description      VARCHAR2(255),

constraint PK_JOB_DEFINITION primary key (Job_Id)
```

Table: LOOKUP_CODE

```
create table LOOKUP_CODE
  LOOKUP_TYPE     VARCHAR2(50)             not null,
  LOOKUP_CODE     VARCHAR2(50)             not null,
  Description      VARCHAR2(100),
  LOOKUP_LABEL    VARCHAR2(100)           not null,
  Created_By      VARCHAR2(50),
  Create_Date     DATE,
  Updated_By      VARCHAR2(50),
  Update_Date     DATE,
  Audit_Notes     VARCHAR2(4000),

constraint PK_LOOKUP_CODE primary key (LOOKUP_TYPE, LOOKUP_CODE)
```

Table: Query_List

```
create table Query_List
  Query_Id        INT                      not null,
  Query_Name      VARCHAR2(100)           not null,
  Query_Type      VARCHAR2(1)             default 'Q' not null

constraint CKC_QUERY_TYPE_QUERY_LI check (Query_Type in ('Q','P')),
  Description     VARCHAR2(2000),
  Query_String    VARCHAR2(2000),
  Owned_By       VARCHAR2(50),
  Status         VARCHAR2(1)             default 'A' not null

constraint CKC_STATUS_QUERY_LI check (Status in ('R','J','A','I')),
  Last_Run_By    VARCHAR2(50),
  Last_Run_Date  DATE,
  Has_Parameters VARCHAR2(1),
  Created_By     VARCHAR2(50)           not null,
  Create_Date    DATE                  not null,
  Updated_By     VARCHAR2(50)           not null,
  Update_Date    DATE                  not null,
  Audit_Notes    VARCHAR2(4000),

constraint PK_QUERY_LIST primary key (Query_Id)
```

Table: Feeds

```
create table Feeds
  Feed_Id          INT                      not null,
  Description      VARCHAR2(100)           not null,
  Direction        VARCHAR2(1)             not null,
  Feed_Type        VARCHAR2(1)             not null,

constraint PK_FEEDS primary key (Feed_Id)
```

Table: Qualifier

```
create table Qualifier
  Qualifier_Id     VARCHAR2(2)             not null,
  Description      VARCHAR2(100)           not null,
  Created_By       VARCHAR2(50),
  Create_Date      DATE,
  Updated_By       VARCHAR2(50),
  Update_Date      DATE,
  Audit_Notes      VARCHAR2(4000),

constraint PK_QUALIFIER primary key (Qualifier_Id) using index tablespace
COVPROFILEX
```

Table: Comm_Code

```
create table Comm_Code
  Comm_Code_Id     INT                      not null,
  Comm_Code        VARCHAR2(25)            not null,
  Comm_Indicator    VARCHAR2(1)            not null,
  Description       VARCHAR2(50),
  Created_By       VARCHAR2(50),
  Create_Date      DATE,
  Updated_By       VARCHAR2(50),
  Update_Date      DATE,
  Audit_Notes      VARCHAR2(4000),

constraint PK_COMM_CODE primary key (Comm_Code_Id)
```

Table: COUNTRY_CODES

```
create table COUNTRY_CODES
  COUNTRY_CODE      VARCHAR2(10)          not null,
  COUNTRY_NAME      VARCHAR2(100)         not null,

constraint PK_COUNTRY_CODES primary key (COUNTRY_CODE) using index tablespace
COVPROFILEX
```

Table: STATE_CODES

```
create table STATE_CODES
  STATE_CODE        VARCHAR2(10)          not null,
  COUNTRY_CODE      VARCHAR2(10)          not null,
  STATE_NAME        VARCHAR2(100)         not null,

constraint PK_STATE_CODES primary key (STATE_CODE, COUNTRY_CODE) using index
tablespace COVPROFILEX,

constraint FK_STATE_CO_STATE_COU_COUNTRY_ foreign key (COUNTRY_CODE)
references COUNTRY_CODES (COUNTRY_CODE),

constraint FK_STATE_CO_COUNTRY_S_COUNTRY_ foreign key (COUNTRY_CODE)
references COUNTRY_CODES (COUNTRY_CODE)
```

Table: USER_PREFS

```
create table USER_PREFS
  SSO_ID            VARCHAR2(50)          not null,
  DEFAULT_TP_ID    NUMBER                  not null,

constraint PK_USER_PREFS primary key (SSO_ID) using index tablespace COVPROFILEX
```


Table: USER_ROLE

```
create table USER_ROLE
  SSO_ID          VARCHAR2(50)                not null,
  TP_ID           NUMBER                      not null,
  ROLE            VARCHAR2(1)                 not null
constraint CKC_ROLE_USER check (ROLE in ('C','H','A','U','B')),

  STATUS          VARCHAR2(1)                 not null
constraint CKC_STATUS_USER check (STATUS in ('A','I','D','R','J')),
  REQUEST_REASON  VARCHAR2(4000),
  CREATED_BY      VARCHAR2(50)                not null,
  Create_Date     DATE                       not null,
  UPDATED_BY      VARCHAR2(50)                not null,
  Update_Date     DATE                       not null,
  APPROVED_BY     VARCHAR2(50),
  Approve_Date    DATE,
  AUDIT_NOTES     VARCHAR2(4000),

constraint PK_USER_ROLE primary key (SSO_ID, TP_ID) using index tablespace
COVPROFILEX
```

Table: UI_Permission

```
create table UI_Permission
  User_Role       VARCHAR2(3)                 not null,
  Task_Id         VARCHAR2(5)                 not null,
  Task_Type       VARCHAR2(1)                 default 'T' not null
constraint CKC_TASK_TYPE_UI_PERMI check (Task_Type in ('S','T')),

  Is_Permitted    VARCHAR2(1)                 default 'N' not null
constraint CKC_IS_PERMITTED_UI_PERMI check (Is_Permitted in ('Y','N')),

  Created_By      VARCHAR2(50),
  Create_Date     DATE,
  Updated_By      VARCHAR2(50),
  Update_Date     DATE,
  Audit_Notes     VARCHAR2(4000),

constraint PK_UI_PERMISSION primary key (User_Role, Task_Id, Task_Type) comment
on table UI_Permission is 'Allowed tasks for users.'
```

Table: DOC_TYPE

```
create table DOC_TYPE
  DOC_TYPE_ID          NUMBER                        not null,
  Doc_Type_Name        VARCHAR2(50)                 not null,
  description          VARCHAR2(100),
  Created_By          VARCHAR2(50),
  Create_Date         DATE,
  Updated_By          VARCHAR2(50),
  Update_Date         DATE,
  Audit_Notes         VARCHAR2(4000),

  constraint PK_DOC_TYPE primary key (DOC_TYPE_ID) using index tablespace
  COVPROFILEX,

  constraint AK_DOC_TYPE_NAME_DOC_TYPE unique (Doc_Type_Name) using index
  tablespace COVPROFILEX
```

Table: DOC_VERSION

```
create table DOC_VERSION
  DOC_VERSION_ID       NUMBER                        not null,
  DOC_VERSION_NAME     VARCHAR2(50)                 not null,
  Created_By          VARCHAR2(50),
  Create_Date         DATE,
  Updated_By          VARCHAR2(50),
  Update_Date         DATE,
  Audit_Notes         VARCHAR2(4000),

  constraint PK_DOC_VERSION primary key (DOC_VERSION_ID) using index
  tablespace COVPROFILEX,

  constraint AK_DOC_VERSION_NAME_DOC_VERSION unique (DOC_VERSION_NAME) using index
  tablespace COVPROFILEX
```

Table: DOC_FORMAT

```
create table DOC_FORMAT
  DOC_FORMAT_ID          NUMBER                        not null,
  Doc_Format_Name        VARCHAR2(50)                  not null,
  Created_By             VARCHAR2(50),
  Create_Date            DATE,
  Updated_By             VARCHAR2(50),
  Update_Date            DATE,
  Audit_Notes            VARCHAR2(4000),

  constraint PK_DOC_FORMAT primary key (DOC_FORMAT_ID) using index tablespace
  COVPROFILEX,

  constraint AK_AK_DOC_FORMAT_NAME_DOC_FORM unique (Doc_Format_Name) using index
  tablespace COVPROFILEX
```

Table: GM_System

```
create table GM_System
  System_Code            VARCHAR2(3)                  not null,
  Parent_System_Code     VARCHAR2(3),
  Description            VARCHAR2(100)                 not null,
  Created_By             VARCHAR2(50)                 not null,
  Create_Date            DATE                         not null,
  Updated_By             VARCHAR2(50)                 not null,
  Update_Date            DATE                         not null,
  Audit_Notes            VARCHAR2(4000),

  constraint PK_GM_SYSTEM primary key (System_Code),

  constraint FK_GM_SYSTE_PARENT_SY_GM_SYSTE foreign key (Parent_System_Code)
  references GM_System (System_Code)
```

Table: Division

```
create table Division
  Division_Code          VARCHAR2(5)                  not null,
  Description            VARCHAR2(50)                  not null,
  Parent_Division_Code   VARCHAR2(5),
  Created_By            VARCHAR2(50)                 not null,
  Create_Date           DATE                         not null,
  Updated_By            VARCHAR2(50)                 not null,
  Update_Date           DATE                         not null,
  Audit_Notes           VARCHAR2(4000),

  constraint PK_DIVISION primary key (Division_Code),

  constraint FK_DIVISION_PARENT_DI_DIVISION foreign key (Parent_Division_Code)
  references Division (Division_Code)
```

Table: Location

```
create table Location
  Location_Code      VARCHAR2(3)           not null,
  Description        VARCHAR2(100)        not null,
  Created_By         VARCHAR2(50)         not null,
  Create_Date        DATE                 not null,
  Updated_By         VARCHAR2(50)         not null,
  Update_Date        DATE                 not null,
  Audit_Notes        VARCHAR2(4000),

constraint PK_LOCATION primary key (Location_Code)
```

Table: UI_Category

```
create table UI_Category
  Category_Id        VARCHAR2(5)           not null,
  Name               VARCHAR2(50),
  Label_Id           VARCHAR2(100),
  Sequence_No        INT                   not null,
  Default_Task       VARCHAR2(5),
  Created_By         VARCHAR2(50),
  Create_Date        DATE,
  Updated_By         VARCHAR2(50),
  Update_Date        DATE,
  Audit_Notes        VARCHAR2(4000),

constraint PK_UI_CATEGORY primary key (Category_Id)
```

Table: MSG_LOG

```
create table MSG_LOG
  LOG_ENTRY_ID       NUMBER                not null,
  TASK_NAME          VARCHAR2(30)          not null,
  LOG_TIME           TIMESTAMP             not null,
  LOG_MESSAGE        VARCHAR2(400),

constraint PK_MSG_LOG primary key (LOG_ENTRY_ID) using index tablespace
COVPROFILEX
```

Index: IDX_MSG_LOG_TASK_NAME

```
create index IDX_MSG_LOG_TASK_NAME on MSG_LOG
  TASK_NAME ASC,
  LOG_TIME ASC
```

```
tablespace COVPROFILEX
```

Table: DATA_CHANGE

```
create table DATA_CHANGE
  CHANGE_ID          INT                      not null,
  CATEGORY           VARCHAR2(32)            not null,
  SUB_CATEGORY       VARCHAR2(32)            not null,
  CHANGE_ACTION      VARCHAR2(1)             default 'A' not null,
  CHANGE_VALUES      VARCHAR2(200)           not null,
  CHANGE_DATA_TYPE   VARCHAR2(1)             not null,
  CHANGE_DATE        DATE                    not null,
  CHANGE_USER        VARCHAR2(32),
  CHANGE_HOST        VARCHAR2(200),
  PUBLISHED          VARCHAR2(1)             default 'N' not null
```

Table: APPLICATION_DESCS

```
create table APPLICATION_DESCS
  APP_ID             NUMBER                  not null,
  NAME               VARCHAR2(100)           not null,
  DESCRIPTION        VARCHAR2(300)           not null,

constraint PK_APPLICATION_DESCS primary key (APP_ID) using index tablespace
COVPROFILEX
```

Table: Fax_Reject

```
create table Fax_Reject
  Fax_Id             INT                      not null,
  Fax_Date           DATE,
  Fax_Key            VARCHAR2(50),
  Reject_Data        BLOB,
  Created_By         VARCHAR2(50),
  Create_Date        DATE,
  Updated_By         VARCHAR2(50),
  Update_Date        DATE,
  Audit_Notes        VARCHAR2(4000),

constraint PK_FAX_REJECT primary key (Fax_Id)
```

Table: LANGUAGES

```
create table LANGUAGES
  LANGUAGE_ID          NUMBER                        not null,
  ISO_LOCALE           VARCHAR2(10)                 not null,
  NLS_LANGUAGE         VARCHAR2(2)                  not null,
  NLS_TERRITORY        VARCHAR2(2)                  not null,
  COMMON_NAME          VARCHAR2(20)                 not null,

  constraint PK_LANGUAGES primary key (LANGUAGE_ID) using index tablespace
  COVPROFILEX
```

Table: Activation_System

```
create table Activation_System
  System_Code          VARCHAR2(10)                 not null,
  Created_By           VARCHAR2(50)                 not null,
  Create_Date          DATE                         not null,
  Updated_By           VARCHAR2(50)                 not null,
  Update_Date          DATE                         not null,
  Audit_Notes          VARCHAR2(4000),
  Project_Name         VARCHAR2(100)                not null,

  constraint PK_ACTIVATION_SYSTEM primary key (System_Code)
```

Table: Bulletin

```
create table Bulletin
  Bulletin_Id          INT                          not null,
  Bulletin_Code         VARCHAR2(50)                not null,
  Document             BLOB,
  Status              VARCHAR2(1),
  Error_Id             INT,
  Error_Message        VARCHAR2(2000),
  Message_Id           VARCHAR2(50),
  Created_By           VARCHAR2(50),
  Create_Date          DATE,
  Updated_By           VARCHAR2(50),
  Update_Date          DATE,
  Audit_Notes          VARCHAR2(4000),

  constraint PK_BULLETIN primary key (Bulletin_Id),
  constraint AK_BULLETIN_CODE_BULLETIN unique (Bulletin_Code)
```

Table: Fax_Comm_Codes

```
create table Fax_Comm_Codes
  Fax_Code_Id          INT                      not null,
  Comm_Code_Id         INT,
  List_Id              CHAR(10),
  Created_By           VARCHAR2(20),
  Create_Date          DATE,
  Updated_By           VARCHAR2(50),
  Update_Date          DATE,
  Audit_Notes          VARCHAR2(4000),

  constraint PK_FAX_COMM_CODES primary key (Fax_Code_Id),

  constraint FK_FAX_COMM_FAX_COMM_COMM_COD foreign key (Comm_Code_Id)
  references Comm_Code (Comm_Code_Id)
```

Table: QUEUE

```
create table QUEUE
  QUEUE_ID             NUMBER                  not null,
  QUEUE_NAME           VARCHAR2(50)           not null,
  DIRECTION            VARCHAR2(1)            not null,
  constraint CKC_DIRECTION_QUEUE check (DIRECTION in ('I','O')),

  DELIVERY_THRESHOLD   NUMBER                  default 10 not null
  constraint CKC_DELIVERY_THRESHOLD_QUEUE check (DELIVERY_THRESHOLD in
  (10,50,100)),

  LANGUAGE_LABEL       VARCHAR2(4000)          not null,

  constraint PK_QUEUE primary key (QUEUE_ID)using index tablespace COVPROFILEX,

  constraint AK_QUEUE_NAME_QUEUE unique (QUEUE_NAME)using index tablespace
  COVPROFILEX
```

Table: EXCEPTION_TYPE

```
create table EXCEPTION_TYPE
  TYPE_ID              NUMBER                  not null,
  TYPE_DESCRIPTION      VARCHAR2(4000)         not null,
  TYPE_CUSTOMER_MESSAGE VARCHAR2(10)           not null,

  constraint PK_EXCEPTION_TYPE primary key (TYPE_ID)using index tablespace
  COVPROFILEX
```

Table: QUALIFIERS

```
create table QUALIFIERS
  QUALIFIER          VARCHAR2(2)          not null,
  QUALIFIER_DESC     VARCHAR2(100)       not null,

constraint PK_QUALIFIERS primary key (QUALIFIER) using index tablespace
COVPROFILEX
```

Table: New_Load_Job

```
create table New_Load_Job
  Job_Id             INT                  not null,
  Load_Date         DATE                not null,
  Status             VARCHAR2(1),
  Message_Id        VARCHAR2(50),
  File_Name          VARCHAR2(200),
  Notes             VARCHAR2(2000),

constraint PK_NEW_LOAD_JOB primary key (Job_Id)
```

Table: Query_Parameters

```
create table Query_Parameters
  Query_Id           INT                  not null,
  param_name         VARCHAR2(50)        not null,
  param_type         VARCHAR2(1),
  param_value        VARCHAR2(100),
  allow_substitution VARCHAR2(1)
constraint CKC_ALLOW_SUBSTITUTIO_QUERY_PA check (allow_substitution is null or (
allow_substitution in ('Y','N') )),

constraint PK_QUERY_PARAMETERS primary key (Query_Id, param_name),

constraint FK_QUERY_PA_QUERY_PAR_QUERY_LI foreign key (Query_Id) references
Query_List (Query_Id)
```


Table: UI_Subtab_List

```
create table UI_Subtab_List
  Category_Id          VARCHAR2(5),
  Subtab_List          VARCHAR2(5)          not null,
  Name                 VARCHAR2(50),
  Created_By           VARCHAR2(50),
  Create_Date          DATE,
  Updated_By           VARCHAR2(50),
  Update_Date          DATE,
  Audit_Notes          VARCHAR2(4000),

  constraint PK_UI_SUBTAB_LIST primary key (Subtab_List),

  constraint FK_UI_SUBTA_SUBTAB_LI_UI_CATEG foreign key (Category_Id)
  references UI_Category (Category_Id)
```

Table: UI_Subtabs

```
create table UI_Subtabs
  Subtab_Id            VARCHAR2(5)          not null,
  Subtab_List          VARCHAR2(5),
  Sequence_No          INT                  not null,
  Is_Default           VARCHAR2(1)          default 'N'

  constraint CKC_IS_DEFAULT_UI_SUBTA check (Is_Default is null or ( Is_Default in
  ('Y','N') )),

  Label_Id             VARCHAR2(100),
  Default_Task         VARCHAR2(5),
  Created_By           VARCHAR2(50),
  Create_Date          DATE,
  Updated_By           VARCHAR2(50),
  Update_Date          DATE,
  Audit_Notes          VARCHAR2(4000),

  constraint PK_UI_SUBTABS primary key (Subtab_Id),

  constraint FK_UI_SUBTA_SUBTAB_LI_UI_SUBTA foreign key (Subtab_List)
  references UI_Subtab_List (Subtab_List)
```

Table: UI_Task

```
create table UI_Task
  Task_Id          VARCHAR2(5)                not null,
  Subtab_List      VARCHAR2(5),
  Subtab_Id        VARCHAR2(5),
  TP_Required      VARCHAR2(1)                default 'N'

constraint CKC_TP_REQUIRED_UI_TASK check (TP_Required is null or ( TP_Required
in ('Y','N') )),

  Html_Link        VARCHAR2(100),
  Created_By       VARCHAR2(50),
  Create_Date      DATE,
  Updated_By       VARCHAR2(50),
  Update_Date      DATE,
  Audit_Notes      VARCHAR2(4000),

constraint PK_UI_TASK primary key (Task_Id),

constraint FK_UI_TASK_TASK_SUBT_UI_SUBTA2 foreign key (Subtab_List) references
UI_Subtab_List (Subtab_List),

constraint FK_UI_TASK_TASK_SUBT_UI_SUBTA foreign key (Subtab_Id) references
UI_Subtabs (Subtab_Id)
```

Table: ADDRESS

```
create table ADDRESS
  Address_Id       INT                        not null,
  Address1         VARCHAR2(100),
  Address2         VARCHAR2(100),
  City            VARCHAR2(100),
  Postal_Code      VARCHAR2(100),
  Country_Code     VARCHAR2(10),
  State_Code       VARCHAR2(10),
  Created_By       VARCHAR2(50)              not null,
  Create_Date      DATE                      not null,
  Updated_By       VARCHAR2(50)              not null,
  Update_Date      DATE                      not null,
  Audit_Notes      VARCHAR2(4000),

constraint PK_ADDRESS primary key (Address_Id) using index tablespace
COVPROFILEX,

constraint FK_ADDRESS_ADDRESS_C_COUNTRY_ foreign key (Country_Code)
references COUNTRY_CODES (COUNTRY_CODE),

constraint FK_ADDRESS_ADDRESS_S_STATE_CO foreign key (State_Code, Country_Code)
references STATE_CODES (STATE_CODE, COUNTRY_CODE)
```

Table: LABEL_GROUPS

```
create table LABEL_GROUPS
  LABEL_GROUP_ID      NUMBER                not null,
  APP_ID              NUMBER                not null,
  LABEL               VARCHAR2(100)         not null,
  PAGE_TITLE          VARCHAR2(255),

constraint PK_LABEL_GROUPS primary key (LABEL_GROUP_ID, APP_ID) using index
tablespace COVPROFILEX,

constraint FK_LABEL_GR_APP_LABEL_APPLICAT foreign key (APP_ID) references
APPLICATION_DESCS (APP_ID)
```

Table: BUSINESS_DOCUMENTS

```
create table BUSINESS_DOCUMENTS
  BUS_DOC_ID          NUMBER                not null,
  DOC_FORMAT_ID       NUMBER                not null,
  DOC_TYPE_ID         NUMBER                not null,
  DOC_VERSION_ID      NUMBER                not null,
  Created_By          VARCHAR2(50),
  Create_Date         DATE,
  Updated_By          VARCHAR2(50),
  Update_Date         DATE,
  Audit_Notes         VARCHAR2(4000),

constraint PK_BUSINESS_DOCUMENTS primary key (BUS_DOC_ID) using index
tablespace COVPROFILEX,

constraint AK_AK_BUSDOC_BUSINESS unique (DOC_FORMAT_ID, DOC_TYPE_ID,
DOC_VERSION_ID),

constraint FK_BUSINESS_DOC_TYPE_DOC_TYPE foreign key (DOC_TYPE_ID)
references DOC_TYPE (DOC_TYPE_ID),

constraint FK_BUSINESS_DOC_VERSI_DOC_VERS foreign key (DOC_VERSION_ID)
references DOC_VERSION (DOC_VERSION_ID),

constraint FK_BUSINESS_DOC_FORMATA_DOC_FORM foreign key (DOC_FORMAT_ID)
references DOC_FORMAT (DOC_FORMAT_ID)
```

Table: LANGUAGE_LABELS

```
create table LANGUAGE_LABELS
  LANGUAGE_LABEL_ID      NUMBER                        not null,
  LANGUAGE_ID            NUMBER,
  LABEL_GROUP_ID        NUMBER,
  APP_ID                NUMBER,
  LABEL                 VARCHAR2(4000)                not null,
  VALUE                 VARCHAR2(4000)                not null,
  HELP_TEXT             VARCHAR2(4000),
  LAST_UPDATED          DATE,

  constraint PK_LANGUAGE_LABELS primary key (LANGUAGE_LABEL_ID) using index
  tablespace COVPROFILEX,

  constraint AK_AK_APP_LANG_LABEL_LANGUAGE unique (LANGUAGE_ID, APP_ID, LABEL),

  constraint FK_LANGUAGE_LANG_LANG_LANGUAGE foreign key (LANGUAGE_ID)
  references LANGUAGES (LANGUAGE_ID),

  constraint FK_LANGUAGE_LABEL_GRO_LABEL_GR foreign key (LABEL_GROUP_ID, APP_ID)
  references LABEL_GROUPS (LABEL_GROUP_ID, APP_ID)
```

Table: Job_Status

```
create table Job_Status
  Run_Id                INT                        not null,
  Job_Id                INT,
  Run_Date              DATE                      not null,
  Status                VARCHAR2(1)              not null,
  Notes                 VARCHAR2(2000),
  Run_By                VARCHAR2(20),

  constraint PK_JOB_STATUS primary key (Run_Id),

  constraint FK_JOB_STAT_JOB_STATU_JOB_DEFI foreign key (Job_Id) references
  Job_Definition (Job_Id)
```

Table: QUEUE_LOOKUP

```
create table QUEUE_LOOKUP
  QUEUE_ID          NUMBER                not null,
  LOOKUP_TYPE       VARCHAR2(2)          not null

constraint CKC_LOOKUP_TYPE_QUEUE_LO check (LOOKUP_TYPE in ('DT','CT')),

  LOOKUP_ID          NUMBER                not null,

constraint PK_QUEUE_LOOKUP primary key (QUEUE_ID, LOOKUP_TYPE, LOOKUP_ID)
using index tablespace COVPROFILEX,

constraint AK_QUEUE_LOOKUP unique (LOOKUP_TYPE, LOOKUP_ID),

constraint FK_QUEUE_LO_QUEUE_QUE_QUEUE foreign key (QUEUE_ID) references QUEUE
(QUEUE_ID)
```

Table: Trading_Partner

```

create table Trading_Partner
  TP_Id                INT                        not null,
  ADDRESS_ID           INT,
  Sec_ADDRESS_ID       INT,
  Qualifier_Id         VARCHAR2(2),
  TP_Name              VARCHAR2(100)             not null,
  Sec_TP_Name          VARCHAR2(100),
  TP_Code              VARCHAR2(50),
  TP_Type              VARCHAR2(1)               not null,
  TP_Status            VARCHAR2(1),
  Comm_Code_Id         INT,
  Comm_Code            VARCHAR2(25),
  Comm_Code_Indicator  VARCHAR2(3),
  Last_Feed_Date       DATE,
  TP_Status_Source     VARCHAR2(20),
  Duns_Purpose_Code      VARCHAR2(1),
  EDI_Code             VARCHAR2(50),
  Customer_Code        VARCHAR2(1),
  Regional_Support_Center VARCHAR2(50),
  EDI_Capability_Code  VARCHAR2(1),
  GME_Code             VARCHAR2(25),
  Connect_TP_Id        INT,
  Grid_Id             INT,
  Created_By           VARCHAR2(50)              not null,
  Create_Date          DATE                      not null,
  Updated_By           VARCHAR2(50)              not null,
  Update_Date          DATE                      not null,
  Audit_Notes          VARCHAR2(4000),

  constraint PK_TRADING_PARTNER primary key (TP_Id),

  constraint FK_TRADING__TP_ADDRES_ADDRESS foreign key (ADDRESS_ID) references
  ADDRESS (Address_Id),

  constraint FK_TRADING__TP_SEC_AD_ADDRESS foreign key (Sec_ADDRESS_ID) references
  ADDRESS (Address_Id),

  constraint FK_TRADING__TP_QUALIF_QUALIFIE foreign key (Qualifier_Id) references
  Qualifier (Qualifier_Id)

```

Table: New_Load_Partner

```
create table New_Load_Partner
  Job_Id          INT                      not null,
  Duns_Code       VARCHAR2(50)            not null,
  Comm_Code       VARCHAR2(50),
  TP_Name         VARCHAR2(50),
  TP_Second_Name  VARCHAR2(50),
  Address1        VARCHAR2(100),
  Address2        VARCHAR2(100),
  City            VARCHAR2(100),
  State_Code      VARCHAR2(10),
  Country_Code    VARCHAR2(10),
  Postal_Code     VARCHAR2(100),
  Status          VARCHAR2(1),
  TP_Id           INT,

  constraint PK_NEW_LOAD_PARTNER primary key (Job_Id, Duns_Code),

  constraint FK_NEW_LOAD_NEW_LOAD__NEW_LOA2 foreign key (Job_Id) references
  New_Load_Job (Job_Id),

  constraint FK_NEW_LOAD_NEW_LOAD__TRADING_ foreign key (TP_Id) references
  Trading_Partner (TP_Id)
```

Table: Conference_Attendance

```
create table Conference_Attendance
  TP_Id          INT                      not null,
  Conference_Id   INT                      not null,
  Conf_Attend_Date DATE                  not null,
  Rsvp_Date       DATE,
  Attended        VARCHAR2(1)            not null,
  Guests          VARCHAR2(200),
  Created_By      VARCHAR2(50),
  Create_Date     DATE,
  Updated_By      VARCHAR2(50),
  Update_Date     DATE,
  Audit_Notes     VARCHAR2(4000),

  constraint PK_CONFERENCE_ATTENDANCE primary key (TP_Id, Conference_Id,
  Conf_Attend_Date),

  constraint FK_CONFEREN_TP_CONFER_TRADING_ foreign key (TP_Id) references
  Trading_Partner (TP_Id),

  constraint FK_CONFEREN_CONFERENC_CONFEREN foreign key (Conference_Id)
  references Conference (Conference_Id)
```

Table: Channel

```
create table Channel
  TP_Id          INT,
  Channel_Id     INT                                not null,
  Channel_Type   VARCHAR2(1)                       not null,
  Direction      VARCHAR2(1)                       not null,
  TP_Type        VARCHAR2(1),
  Net_User_Address VARCHAR2(100),
  Odette_Id      VARCHAR2(50),
  EDI_Code       VARCHAR2(3),
  Van            VARCHAR2(50),
  Mail_Box       VARCHAR2(50),
  Qualifier      VARCHAR2(5),
  Comm_Code      VARCHAR2(25),
  Created_By     VARCHAR2(50),
  Create_Date    DATE,
  Updated_By     VARCHAR2(50),
  Update_Date    DATE,
  Audit_Notes    VARCHAR2(4000),

  constraint PK_CHANNEL primary key (Channel_Id, Channel_Type),

  constraint FK_CHANNEL_TP_CHANNE_TRADING_ foreign key (TP_Id) references
  Trading_Partner (TP_Id)
```


Table: Supplier_Documents

```

create table Supplier_Documents
  Supplier_Doc_Id      INT                        not null,
  TP_Id                INT                        not null,
  System_Code          VARCHAR2(3),
  Reference            VARCHAR2(20),
  DOC_TYPE_ID          NUMBER,
  DOC_VERSION_ID       NUMBER,
  DOC_FORMAT_ID        NUMBER,
  Due_Date             DATE,
  Sched_Test_Date      DATE,
  Start_Test_Date      DATE,
  Approval_Date        DATE,
  Cutover_Date         DATE,
  Status               VARCHAR2(1),
  Required              VARCHAR2(1),
  Created_By           VARCHAR2(50)             not null,
  Create_Date          DATE                     not null,
  Updated_By           VARCHAR2(50)             not null,
  Update_Date          DATE                     not null,
  Audit_Notes          VARCHAR2(4000),

  constraint PK_SUPPLIER_DOCUMENTS primary key (Supplier_Doc_Id),

  constraint FK_SUPPLIER_SUPPLIER__GM_SYSTE foreign key (System_Code)
  references GM_System (System_Code),

  constraint FK_SUPPLIER_SUPPLIER__DOC_TYPE foreign key (DOC_TYPE_ID)
  references DOC_TYPE (DOC_TYPE_ID),

  constraint FK_SUPPLIER_SUPPLIER__DOC_VERS foreign key (DOC_VERSION_ID)
  references DOC_VERSION (DOC_VERSION_ID),

  constraint FK_SUPPLIER_SUPPLIER__TRADING_ foreign key (TP_Id) references
  Trading_Partner (TP_Id),

  constraint FK_SUPPLIER_SUPPLIER__DOC_FORM foreign key (DOC_FORMAT_ID)
  references DOC_FORMAT (DOC_FORMAT_ID)

```

Table: CONTACT

```

create table CONTACT
  Contact_Id          INT                      not null,
  Address_Id          INT,
  TP_Id              INT,
  First_Name          VARCHAR2(50)            not null,
  Last_Name           VARCHAR2(50),
  Title              VARCHAR2(100),
  Gender              VARCHAR2(1),
  Is_Primary          VARCHAR2(1),
  Purpose_Code        VARCHAR2(5),
  Language_Code       VARCHAR2(3),
  Department          VARCHAR2(50),
  Contact_Function    VARCHAR2(50),
  Email               VARCHAR2(100),
  Phone_Country_Code  VARCHAR2(6),
  Phone_Area_Code     VARCHAR2(6),
  Phone_Number        VARCHAR2(100),
  Fax_Country_Code    VARCHAR2(6),
  Fax_Area_Code       VARCHAR2(6),
  Fax_Number          VARCHAR2(25),
  Mobile_Number       VARCHAR2(100),
  Pager               VARCHAR2(100),
  Created_By          VARCHAR2(50)            not null,
  Create_Date         DATE                    not null,
  Updated_By          VARCHAR2(50)            not null,
  Update_Date         DATE                    not null,
  Audit_Notes         VARCHAR2(4000),

  constraint PK_CONTACT primary key (Contact_Id) using index tablespace COVPROFILEX,

  constraint FK_CONTACT_TP_CONTAC_TRADING_ foreign key (TP_Id) references
trading_Partner (TP_Id),

  constraint FK_CONTACT_CONTACT_A_ADDRESS foreign key (Address_Id) references
ADDRESS (Address_Id)

```

Table: TP_Activation

```
create table TP_Activation
  Activation_Id          INT                      not null,
  TP_Id                 INT                      not null,
  Cov_System_Code       VARCHAR2(10)            not null,
  Orig_System_Code      VARCHAR2(10),
  Status               VARCHAR2(1)              not null,
  "Comment"            VARCHAR2(2000),
  Created_By           VARCHAR2(50)             not null,
  Create_Date          DATE                     not null,
  Updated_By           VARCHAR2(50)            not null,
  Update_Date          DATE                     not null,
  Audit_Notes          VARCHAR2(4000),

  constraint PK_TP_ACTIVATION primary key (Activation_Id),

  constraint FK_TP_ACTIV_TP_ACTIVA_TRADING_ foreign key (TP_Id) references
  Trading_Partner (TP_Id),

  constraint FK_TP_ACTIV_TP_ACTIVA_ACTIVATI foreign key (Cov_System_Code)
  references Activation_System (System_Code)
```

Table: partner_comment

```
create table partner_comment
  Comment_Id           INT                      not null,
  TP_Id                INT,
  Comment_Type         VARCHAR2(1)             not null,
  Comment_Text         VARCHAR2(2000)          not null,
  Created_By           VARCHAR2(50)            not null,
  Create_Date          DATE                     not null,
  Updated_By           VARCHAR2(50)            not null,
  Update_Date          DATE                     not null,
  Audit_Notes          VARCHAR2(2000),

  constraint PK_PARTNER_COMMENT primary key (Comment_Id),

  constraint FK_PARTNER__TP_COMMEN_TRADING_ foreign key (TP_Id) references
  Trading_Partner (TP_Id)
```

Table: Bulletin_Address_Book

```
create table Bulletin_Address_Book
  Bulletin_Id          INT,
  TP_Id               INT,

  constraint FK_BULLETIN_BULLETIN__BULLETIN foreign key (Bulletin_Id)
  references Bulletin (Bulletin_Id),

  constraint FK_BULLETIN_BULLETIN__TRADING_ foreign key (TP_Id) references
  Trading_Partner (TP_Id)
```

Table: Site

```
create table Site
  Site_Code           VARCHAR2(5)           not null,
  TP_Id              INT,
  Division_Code       VARCHAR2(5),
  Description         VARCHAR2(50)          not null,
  General_Division    VARCHAR2(50),
  Created_By         VARCHAR2(50)          not null,
  Create_Date        DATE                  not null,
  Updated_By         VARCHAR2(50)          not null,
  Update_Date        DATE                  not null,
  Audit_Notes        VARCHAR2(4000),

  constraint PK_SITE primary key (Site_Code),

  constraint FK_SITE_SITE_TP_TRADING_ foreign key (TP_Id) references
  Trading_Partner (TP_Id),

  constraint FK_SITE_SITE_DIVI_DIVISION foreign key (Division_Code) references
  Division (Division_Code)
```

Table: New_Load_Site_Variance

```
create table New_Load_Site_Variance
  Job_Id          INT                      not null,
  Site_Code       VARCHAR2(10)            not null,
  Current_Supplier_Count INT,
  New_Supplier_Count INT,
  Difference       INT,
  Status          VARCHAR2(1),

  constraint PK_NEW_LOAD_SITE_VARIANCE primary key (Job_Id, Site_Code),

  constraint FK_NEW_LOAD_NEW_LOAD__NEW_LOAD foreign key (Job_Id) references
  New_Load_Job (Job_Id),

  constraint FK_NEW_LOAD_NEW_LOAD__SITE foreign key (Site_Code) references Site
  (Site_Code)
```

Table: Document_Requests

```
create table Document_Requests
  Document_Request_Id INT                      not null,
  TP_Id              INT                      not null,
  DOC_FORMAT_ID      NUMBER,
  DOC_TYPE_ID        NUMBER,
  DOC_VERSION_ID     NUMBER,
  Due_Date           DATE,
  Status             VARCHAR2(1),
  "Comment"         VARCHAR2(2000),
  Test_Date          DATE,
  Created_By         VARCHAR2(50)            not null,
  Create_Date        DATE                    not null,
  Updated_By         VARCHAR2(50)            not null,
  Update_Date        DATE                    not null,
  Audit_Notes        VARCHAR2(4000),

  constraint PK_DOCUMENT_REQUESTS primary key (Document_Request_Id),

  constraint FK_DOCUMENT_DOCUMENT__TRADING_ foreign key (TP_Id) references
  Trading_Partner (TP_Id),

  constraint FK_DOCUMENT_DOCUMENT__DOC_FORM foreign key (DOC_FORMAT_ID)
  references DOC_FORMAT (DOC_FORMAT_ID),

  constraint FK_DOCUMENT_DOCUMENT__DOC_TYPE foreign key (DOC_TYPE_ID)
  references DOC_TYPE (DOC_TYPE_ID),

  constraint FK_DOCUMENT_DOCUMENT__DOC_VERS foreign key (DOC_VERSION_ID)
  references DOC_VERSION (DOC_VERSION_ID)
```

Table: Ship_To_Location

```
create table Ship_To_Location
  Location_Id          INT                      not null,
  TP_Id               INT                      not null,
  Location             VARCHAR2(100),
  Ship_To_Duns         VARCHAR2(50),
  Ship_To_Id          VARCHAR2(50),
  City                VARCHAR2(100),
  State_Code           VARCHAR2(10),
  COUNTRY_CODE         VARCHAR2(10),
  Created_By           VARCHAR2(50)           not null,
  Create_Date          DATE                   not null,
  Updated_By           VARCHAR2(50)           not null,
  Update_Date          DATE                   not null,
  Audit_Notes          VARCHAR2(4000),

  constraint PK_SHIP_TO_LOCATION primary key (Location_Id),

  constraint FK_SHIP_TO__TP_SHIP_T_TRADING_ foreign key (TP_Id) references
  Trading_Partner (TP_Id),

  constraint FK_SHIP_TO__SHIP_TO_S_STATE_CO foreign key (State_Code, COUNTRY_CODE)
  references STATE_CODES (STATE_CODE, COUNTRY_CODE)
```

Table: Sites_To_Customer

```
create table Sites_To_Customer
  Relationship_Id      INT                        not null,
  Location_Id         INT                        not null,
  Site_Code           VARCHAR2(5)              not null,
  TP_Id              INT                        not null,
  System_Code         VARCHAR2(3)              not null,
  Ship_From_Id        VARCHAR2(10)             not null,
  Created_By          VARCHAR2(50)             not null,
  Create_Date         DATE                     not null,
  Updated_By          VARCHAR2(50)             not null,
  Update_Date         DATE                     not null,
  Audit_Notes         VARCHAR2(4000),

  constraint PK_SITES_TO_CUSTOMER primary key (Relationship_Id),

  constraint AK_AK_RELN_SUPPLIER_S_SITES_TO unique (TP_Id, System_Code, Site_Code,
Location_Id),

  constraint FK_SITES_TO_RELN_CUST_SHIP_TO_ foreign key (Location_Id)
references Ship_To_Location (Location_Id),

  constraint FK_SITES_TO_RELN_SITE_SITE foreign key (Site_Code)references Site
(Site_Code),

  constraint FK_SITES_TO_RELN_SITE_TRADING_ foreign key (TP_Id) references
Trading_Partner (TP_Id),

  constraint FK_SITES_TO_RELN_SITE_GM_SYSTE foreign key (System_Code)
references GM_System (System_Code)
```

Table: Guidelines_Sent

```
create table Guidelines_Sent
  TP_Id              INT                        not null,
  Guideline_Id       INT                        not null,
  Send_Date          DATE                     not null,
  Created_By         VARCHAR2(50),
  Create_Date        DATE,
  Updated_By         VARCHAR2(50),
  Update_Date        DATE,
  Audit_Notes        VARCHAR2(4000),

  constraint PK_GUIDELINES_SENT primary key (TP_Id, Guideline_Id, Send_Date),

  constraint FK_GUIDELIN_TP_GUIDEL_TRADING_ foreign key (TP_Id)references
Trading_Partner (TP_Id),

  constraint FK_GUIDELIN_GUIDELINE_GUIDELIN foreign key (Guideline_Id)
references Guidelines (Guideline_Id)
```

Table: TP_Service_Provider

```

create table TP_Service_Provider
  Provider_Id          INT                                not null,
  Provider_Name        VARCHAR2(100)                    not null,
  Provider_Type        VARCHAR2(1)                      not null,
  TP_Id                INT                                not null,
  Address_id           INT,
  First_Name           VARCHAR2(50),
  Last_Name            VARCHAR2(50),
  Title                VARCHAR2(100),
  Gender               VARCHAR2(1),
  Language_Code        VARCHAR2(3),
  Department           VARCHAR2(50),
  Contact_Function     VARCHAR2(50),
  Email                VARCHAR2(100),
  Phone_Country_Code   VARCHAR2(6),
  Phone_Area_Code      VARCHAR2(6),
  Phone_Number         VARCHAR2(100),
  Fax_Country_Code     VARCHAR2(6),
  Fax_Area_Code        VARCHAR2(6),
  Fax_Number           VARCHAR2(25),
  Mobile_Number        VARCHAR2(100),
  Pager               VARCHAR2(100),
  Created_By           VARCHAR2(50)                      not null,
  Create_Date          DATE                              not null,
  Updated_By           VARCHAR2(50)                      not null,
  Update_Date          DATE                              not null,
  Audit_Notes          VARCHAR2(4000),

  constraint PK_TP_SERVICE_PROVIDER primary key (Provider_Id),

  constraint FK_TP_SERVI_TP_SERVIC_TRADING2 foreign key (TP_Id) references
  Trading_Partner (TP_Id),

  constraint FK_TP_SERVI_SERVICE_P_ADDRESS foreign key (Address_id)
  references ADDRESS (Address_Id)

```


Table: contract_profile

```
create table contract_profile
  Contract_Id          INT                      not null,
  TP_Id               INT                      not null,
  Contract_Name       VARCHAR2(50)            not null,
  Due_Date            DATE,
  Status              VARCHAR2(1),
  Contract_Information VARCHAR2(2000),
  Created_By          VARCHAR2(50)            not null,
  Create_Date         DATE                    not null,
  Updated_By          VARCHAR2(50)            not null,
  Update_Date         DATE                    not null,
  Audit_Notes         VARCHAR2(4000),

  constraint PK_CONTRACT_PROFILE primary key (Contract_Id),

  constraint FK_CONTRACT_TP_CONTRA_TRADING_ foreign key (TP_Id) references
Trading_Partner (TP_Id)
```

Table: Customer_Documents

```

create table Customer_Documents
  Customer_Doc_Id      INT                        not null,
  TP_Id                INT                        not null,
  Doc_Type_Id          NUMBER,
  Doc_Version_Id       NUMBER,
  Doc_Format_Id        NUMBER,
  Doc_Format_Name      VARCHAR2(50),
  Doc_Type_Name        VARCHAR2(50),
  Doc_Version_Name     VARCHAR2(50),
  System_Code          VARCHAR2(3),
  Schedule_Type        VARCHAR2(50),
  Day_Of_Week          VARCHAR2(3),
  Start_Test_Date      DATE,
  Last_Test_Date       DATE,
  Approval_Date        DATE,
  Status               VARCHAR2(1),
  Have_Guidelines      VARCHAR2(1),
  Created_By           VARCHAR2(50)             not null,
  Create_Date          DATE                     not null,
  Updated_By           VARCHAR2(50)             not null,
  Update_Date          DATE                     not null,
  Audit_Notes          VARCHAR2(4000),

  constraint PK_CUSTOMER_DOCUMENTS primary key (Customer_Doc_Id),

  constraint FK_CUSTOMER_CUSTOMER__TRADING_ foreign key (TP_Id) references
Trading_Partner (TP_Id),

  constraint FK_CUSTOMER_CUSTOMER__DOC_TYPE foreign key (Doc_Type_Id)
references DOC_TYPE (DOC_TYPE_ID),

  constraint FK_CUSTOMER_CUSTOMER__DOC_VERS foreign key (Doc_Version_Id)
references DOC_VERSION (DOC_VERSION_ID),

  constraint FK_CUSTOMER_CUSTOMER__DOC_FORM foreign key (Doc_Format_Id)
references DOC_FORMAT (DOC_FORMAT_ID),

  constraint FK_CUSTOMER_CUSTOMER__GM_SYSTE foreign key (System_Code)
references GM_System (System_Code)

```

Table: Rating

```
create table Rating
  Criteria_Id          INT                      not null,
  TP_Id               INT                      not null,
  Rating_Value        INT                      not null,
  Created_By          VARCHAR2(50),
  Create_Date         DATE,
  Updated_By          VARCHAR2(50),
  Update_Date         DATE,
  Audit_Notes         VARCHAR2(4000),

  constraint PK_RATING primary key (Criteria_Id, TP_Id),

  constraint FK_RATING_RATING_CR_RATING_C foreign key (Criteria_Id)
  references Rating_Criteria (Criteria_Id),

  constraint FK_RATING_TP_RATING_TRADING_ foreign key (TP_Id) references
  Trading_Partner (TP_Id)
```

Table: New_Load_Related_Sites

```
create table New_Load_Related_Sites
  Job_Id              INT,
  Duns_Code           VARCHAR2(50),
  Site_Code           VARCHAR2(10),
  Status              VARCHAR2(1),

  constraint FK_NEW_LOAD_NEW_LOAD__NEW_LOA3 foreign key (Job_Id) references
  New_Load_Job (Job_Id),

  constraint FK_NEW_LOAD_NEW_LOAD__SITE2 foreign key (Site_Code) references Site
  (Site_Code)
```

Table: Supplier_To_Sites

```

create table Supplier_To_Sites
  Relationship_Id      INT                        not null,
  Supplier_TP_Id      INT                        not null,
  Site_Code           VARCHAR2(5),
  System_Code         VARCHAR2(3),
  Status              VARCHAR2(1)                not null

constraint CKC_STATUS_TP_RELAT2 check (Status in ('R','A','D','I','J')),

  Comments            VARCHAR2(4000),
  Created_By          VARCHAR2(50)                not null,
  Create_Date         DATE                        not null,
  Updated_By          VARCHAR2(50)                not null,
  Update_Date         DATE                        not null,
  Audit_Notes         VARCHAR2(4000),

constraint PK_SUPPLIER_TO_SITES primary key (Relationship_Id) using index
tablespace COVPROFILEX,

constraint FK_SUPPLIER_RELN_SUPP_SITE foreign key (Site_Code) references Site
(Site_Code),

constraint FK_SUPPLIER_RELN_SUPP_TRADING_ foreign key (Supplier_TP_Id)
references Trading_Partner (TP_Id),

constraint FK_SUPPLIER_RELN_SUPP_GM_SYSTE foreign key (System_Code)
references GM_System (System_Code)

```