

W16G_MATES.JOB_HISTORY		
UF*	EMPLOYEE_ID	NUMBER (3)
U	* START_DATE	DATE
	* END_DATE	DATE
F	* JOB_ID	NUMBER (3)
F	* DEPARTMENT_ID	NUMBER (3)
P	* JOB_HISTORY_ID	NUMBER (4)
JOB_HISTORY_CON (JOB_HISTORY_ID)		
JOB_HISTORY_CON_UK1 (EMPLOYEE_ID, START_DATE)		
JOB_HISTORY_CON_FK (EMPLOYEE_ID)		
JOB_HISTORY_FK (DEPARTMENT_ID)		
JOB_HISTORY_JOB_ID_FK (JOB_ID)		
JOB_HISTORY_CON_UK1 (EMPLOYEE_ID, START_DATE)		
JOB_HISTORY_CON (JOB_HISTORY_ID)		

W16G_MATES.DEPARTMENT		
P	* DEPARTMENT_ID	NUMBER (3)
	* DEPARTMENT_NAME	VARCHAR2 (25 BYTE)
F	MANAGER_ID	NUMBER (4)
F	* LOCATION_ID	NUMBER (4)
DEPARTMENT_PK (DEPARTMENT_ID)		
DEPARTMENT_FK (LOCATION_ID)		
DEPARTMENT_MANAGER_ID_FK (MANAGER_ID)		
DEPARTMENT_PK (DEPARTMENT_ID)		

W16G_MATES.LOCATION		
P	* LOCATION_ID	NUMBER (4)
	* STREET_ADDRESS	VARCHAR2 (60 BYTE)
	POSTAL_CODE	VARCHAR2 (15 BYTE)
	* CITY	VARCHAR2 (25 BYTE)
	STATE_PROVINCE	VARCHAR2 (25 BYTE)
F	* COUNTRY_ID	NUMBER (3)
LOCATION_ID_PK (LOCATION_ID)		
COUNTRY_ID_FK (COUNTRY_ID)		
LOCATION_ID_PK (LOCATION_ID)		

W16G_MATES.COUNTRY		
P	* COUNTRY_ID	NUMBER (3)
U	* COUNTRY_ABBR	VARCHAR2 (4 BYTE)
U	* COUNTRY_NAME	VARCHAR2 (50 BYTE)
F	* REGION_ID	NUMBER (1)
COUNTRY_ABBR_UK (COUNTRY_ABBR)		
COUNTRY_NAME_UK (COUNTRY_NAME)		
COUNTRY_PK (COUNTRY_ID)		
COUNTRY_FK (REGION_ID)		
COUNTRY_PK (COUNTRY_ID)		
COUNTRY_ABBR_UK (COUNTRY_ABBR)		
COUNTRY_NAME_UK (COUNTRY_NAME)		

W16G_MATES.REGION		
P	* REGION_ID	NUMBER (1)
U	* REGION_NAME	VARCHAR2 (25 BYTE)
REGION_ID_PK (REGION_ID)		
REGION_NAME (REGION_NAME)		
REGION_ID_PK (REGION_ID)		
REGION_NAME (REGION_NAME)		

W16G_MATES.JOB		
P	* JOB_ID	NUMBER (3)
U	* JOB_ABBR	VARCHAR2 (25 BYTE)
U	* JOB_TITLE	VARCHAR2 (50 BYTE)
	* MIN_SALARY	NUMBER (8)
	* MAX_SALARY	NUMBER (8)
JOB_PK (JOB_ID)		
JOB_UK3 (JOB_ABBR)		
JOB_UK4 (JOB_TITLE)		
JOB_PK (JOB_ID)		
JOB_UK3 (JOB_ABBR)		
JOB_UK4 (JOB_TITLE)		

W16G_MATES.EMPLOYEE		
P	* EMPLOYEE_ID	NUMBER (3)
	* FIRST_NAME	VARCHAR2 (40 BYTE)
	* LAST_NAME	VARCHAR2 (40 BYTE)
U	* EMAIL	VARCHAR2 (75 BYTE)
U	* PHONE_NUMBER	VARCHAR2 (30 BYTE)
	* HIRE_DATE	DATE
	* SALARY	NUMBER (6)
	COMMISSION_PCT	NUMBER (6,2)
F	MANAGER_ID	NUMBER (3)
F	* DEPARTMENT_ID	NUMBER (3)
F	* JOB_ID	NUMBER (3)
EMPLOYEE_CON_UK (EMAIL)		
EMPLOYEE_CON_UK2 (PHONE_NUMBER)		
EMPLOYEE_PK (EMPLOYEE_ID)		
EMPLOYEE_FK_DEP_ID (DEPARTMENT_ID)		
JOB_ID_FK (JOB_ID)		
EMPLOYEE_PK (EMPLOYEE_ID)		
EMPLOYEE_CON_UK (EMAIL)		
EMPLOYEE_CON_UK2 (PHONE_NUMBER)		

W16G_MATES.ORDER_ITEM		
P	* OI_ID	NUMBER (4)
UF*	ORDER_ID	NUMBER (4)
U	* LINE_ITEM_ID	NUMBER (2)
UF*	PRODUCT_ID	NUMBER (4)
	* UNIT_PRICE	NUMBER (6,2)
	QUANTITY	NUMBER (5)
ORDER_ITEM_PK (OI_ID)		
ORDER_ITEM_UK (ORDER_ID, LINE_ITEM_ID, PRODUCT_ID)		
ORDER_ITEM_CO_FK (ORDER_ID)		
ORDER_ITEM_PRODUCT_ID (PRODUCT_ID)		
ORDER_ITEM_PK (OI_ID)		
ORDER_ITEM_UK (ORDER_ID, LINE_ITEM_ID, PRODUCT_ID)		

W16G_MATES.LANGUAGE		
P	* NAME_ID	NUMBER (3)
U	* NAME	VARCHAR2 (50 BYTE)
U	* ABBREVIATION	VARCHAR2 (3 BYTE)
LANGUAGE_ABBR_UK (ABBREVIATION)		
LANGUAGE_NAME_UK (NAME)		
LANGUAGE_PK (NAME_ID)		
LANGUAGE_ABBR_UK (ABBREVIATION)		
LANGUAGE_PK (NAME_ID)		
LANGUAGE_NAME_UK (NAME)		

W16G_MATES.ORDERS		
P	* ORDER_ID	NUMBER (4)
	* ORDER_DATE	TIMESTAMP (9)
F	* CUSTOMER_ID	NUMBER (3)
	* ORDER_STATUS	NUMBER (2)
	* ORDER_TOTAL	NUMBER (8,2)
F	SALES_REP_ID	NUMBER (3)
F	PROMOTION_ID	NUMBER (3)
F	ORDER_MODE_ID	NUMBER
ORDERS_ID_PK (ORDER_ID)		
CUSTOMER_ID_FK (CUSTOMER_ID)		
ORDERS_EMP_ID_FK (SALES_REP_ID)		
PROMOTION_ID_FK (PROMOTION_ID)		
SYS_C0024929 (ORDER_MODE_ID)		
ORDERS_ID_PK (ORDER_ID)		

W16G_MATES.GENDER_LOOKUP		
P	* GENDER_ID	NUMBER
	* GENDER	VARCHAR2 (4000 BYTE)
GENDER_LOOKUP_PK (GENDER_ID)		

W16G_MATES.ORDER_MODE_LOOKUP		
P	* ORDER_MODE_ID	NUMBER
	* ORDER_MODE	VARCHAR2 (4000 BYTE)
ORDER_MODE_LOOKUP_PK (ORDER_MODE_ID)		

W16G_MATES.INCOME_LEVEL_LOOKUP		
P	* INCOME_LEVEL_ID	NUMBER
	* INCOME_LEVEL	VARCHAR2 (4000 BYTE)
INCOME_LEVEL_LOOKUP_PK (INCOME_LEVEL_ID)		

W16G_MATES.CUSTOMER		
P	* CUSTOMER_ID	NUMBER (3)
	* CUST_FIRST_NAME	VARCHAR2 (11 BYTE)
	* CUST_LAST_NAME	VARCHAR2 (11 BYTE)
	* CUST_STREET_ADDRESS	VARCHAR2 (27 BYTE)
	CUST_POSTAL_CODE	VARCHAR2 (6 BYTE)
	CUST_CITY	VARCHAR2 (17 BYTE)
	CUST_STATE_PROVINCE	VARCHAR2 (3 BYTE)
	PHONE_NUMBER	VARCHAR2 (16 BYTE)
	* NLS_TERRITORY	VARCHAR2 (11 BYTE)
	CREDIT_LIMIT	NUMBER (8,1)
	* CUST_EMAIL	VARCHAR2 (30 BYTE)
F	ACCOUNT_MGR_ID	NUMBER (4)
F	DATE_OF_BIRTH	DATE
F	CUST_COUNTRY_ID	NUMBER (3)
F	LANGUAGE_ID	NUMBER (3)
F	MARTIAL_STATUS_ID	NUMBER
F	GENDER_ID	NUMBER
F	INCOME_LEVEL_ID	NUMBER
CUSTOMER_PK (CUSTOMER_ID)		
CUSTOMER_ACCOUNT_MGR_ID (ACCOUNT_MGR_ID)		
CUSTOMER_LANGUAGE_ID_FK (LANGUAGE_ID)		
SYS_C0024913 (MARTIAL_STATUS_ID)		
SYS_C0024917 (GENDER_ID)		
SYS_C0024921 (INCOME_LEVEL_ID)		
CUSTOMER_PK (CUSTOMER_ID)		

W16G_MATES.MARTIAL_STATUS_LOOKUP		
P	* MARTIAL_STATUS_ID	NUMBER
	* MARTIAL_STATUS	VARCHAR2 (4000 BYTE)
MARTIAL_STATUS_LOOKUP_PK (MARTIAL_STATUS_ID)		

W16G_MATES.WAREHOUSE		
P	* WAREHOUSE_ID	NUMBER (4)
	* WAREHOUSE_NAME	VARCHAR2 (30 BYTE)
F	* LOCATION_ID	NUMBER (4)
WAREHOUSE_PK (WAREHOUSE_ID)		
WAREHOUSE_LOCATION_ID_FK (LOCATION_ID)		
WAREHOUSE_PK (WAREHOUSE_ID)		

W16G_MATES.INVENTORY		
P	* INV_ID	NUMBER (4)
UF*	PRODUCT_ID	NUMBER (4)
F	* WAREHOUSE_ID	NUMBER (4)
	QUANTITY_ON_HAND	NUMBER (6)
INVENTORY_CON_UK (INV_ID, PRODUCT_ID)		
INVENTORY_PK (INV_ID)		
INVENTORY_PRODUCT_ID_FK (PRODUCT_ID)		
INVENTORY_WAREHOUSE_ID_FK (WAREHOUSE_ID)		
INVENTORY_CON_UK (INV_ID, PRODUCT_ID)		
INVENTORY_PK (INV_ID)		

W16G_MATES.PRODUCT_INFORMATION		
P	* PRODUCT_ID	NUMBER (4)
	* PRODUCT_NAME	VARCHAR2 (50 BYTE)
	PRODUCT_DESCRIPTION	VARCHAR2 (1000 BYTE)
F	* CATEGORY_ID	NUMBER (4)
	WEIGHT_CLASS	NUMBER (2)
	WARRANTY_PERIOD	INTERVAL YEAR TO MONTH
	* SUPPLIER_ID	NUMBER (6)
	LIST_PRICE	NUMBER (6)
	MIN_PRICE	NUMBER (6)
	CATALOG_URL	VARCHAR2 (50 BYTE)
F	PRODUCT_STATUS_ID	NUMBER
PRODUCT_INFORMATION_PK (PRODUCT_ID)		
PRODUCT_INFORMATION_FK (CATEGORY_ID)		
SYS_C0024925 (PRODUCT_STATUS_ID)		
PRODUCT_INFORMATION_PK (PRODUCT_ID)		

W16G_MATES.PROMOTION		
P	* PROMO_ID	NUMBER (2)
U	* PROMO_NAME	VARCHAR2 (20 BYTE)
PROMOTION_CON (PROMO_NAME)		
PROMOTION_ID_PK (PROMO_ID)		
PROMOTION_ID_PK (PROMO_ID)		
PROMOTION_CON (PROMO_NAME)		

W16G_MATES.WAREHOUSE		
P	* WAREHOUSE_ID	NUMBER (4)
	* WAREHOUSE_NAME	VARCHAR2 (30 BYTE)
F	* LOCATION_ID	NUMBER (4)
WAREHOUSE_PK (WAREHOUSE_ID)		
WAREHOUSE_LOCATION_ID_FK (LOCATION_ID)		
WAREHOUSE_PK (WAREHOUSE_ID)		

W16G_MATES.PRODUCT_DESCRIPTION		
P	* PRODUCT_DESC_ID	NUMBER (4)
UF*	PRODUCT_ID	NUMBER (4)
	TRANSLATED_NAME	VARCHAR2 (101 BYTE)
	TRANSLATED_DESCRIPTION	VARCHAR2 (1500 BYTE)
UF*	LANGUAGE_ID	NUMBER (3)
PRODUCT_DESCRIPTION_PK (PRODUCT_DESC_ID)		
PRODUCT_DESCRIPTION_UK (PRODUCT_ID, LANGUAGE_ID)		
LANGUAGE_ID_FK (LANGUAGE_ID)		
PRODUCT_DESCRIPTION_CON_FK (PRODUCT_ID)		
PRODUCT_DESCRIPTION_PK (PRODUCT_DESC_ID)		
PRODUCT_DESCRIPTION_UK (PRODUCT_ID, LANGUAGE_ID)		

W16G_MATES.PRODUCT_STATUS_LOOKUP		
P	* PRODUCT_STATUS_ID	NUMBER
	* PRODUCT_STATUS	VARCHAR2 (4000 BYTE)
PRODUCT_STATUS_LOOKUP_PK (PRODUCT_STATUS_ID)		

W16G_MATES.CATEGORY		
P	* CATEGORY_ID	NUMBER (4)
F	PARENT_CATEGORY_ID	NUMBER (4)
U	* CATEGORY_NAME	VARCHAR2 (30 BYTE)
	* CATEGORY_DESCRIPTION	VARCHAR2 (300 BYTE)
CATEGORY_PK (CATEGORY_ID)		
CATEGORY_UK1 (CATEGORY_NAME)		
CATEGORY_PARENT_ID_FK (PARENT_CATEGORY_ID)		
CATEGORY_PK (CATEGORY_ID)		
CATEGORY_UK1 (CATEGORY_NAME)		