





W_TIME_D	
P * TIME_ID	NUMBER (8)
U * TIME_YEAR	NUMBER (4)
* TIME_QUARTER	NUMBER (1)
U * TIME_MONTH	NUMBER (2)
U * TIME_DAY	NUMBER (3)
* TIME_WEEK	NUMBER (2)
W_TIME_D_PK (TIME_ID)	
W_TIME_D_UNIQUEGOUNP1 (TIME_YEAR, TIME_MONTH, TIME_DAY)	
W_TIME_D_PK (TIME_ID)	
W_TIME_D_UNIQUEGOUNP1 (TIME_YEAR, TIME_MONTH, TIME_DAY)	





W_LOCATION_D	
P * LOCATION_ID	NUMBER (10)
U * LOCATION_NAME	VARCHAR2 (50 BYTE)
W_LOCATION_PK (LOCATION_ID)	
W_LOCATION_UNIQUE1 (LOCATION_NAME)	
W_LOCATION_PK (LOCATION_ID)	
W_LOCATION_UNIQUE1 (LOCATION_NAME)	







W_FINANCIAL_SUMMARY_COST_F	
P * FINANCIAL_SUMMARY_COST_ID	NUMBER (13)
* ACTUAL_UNITS	NUMBER (12)
* ACTUAL_LABOR_COST	NUMBER (12)
* ACTUAL_MATERIAL_COST	NUMBER (18,2)
* ACTUAL_MACHINE_COST	NUMBER (12)
* ACTUAL_OVERHEAD_COST	NUMBER (18,2)
* BUDGET_UNITS	NUMBER (12)
* BUDGET_LABOR_COST	NUMBER (12)
* BUDGET_MATERIAL_COST	NUMBER (18,2)
* BUDGET_MACHINE_COST	NUMBER (12)
* BUDGET_OVERHEAD_COST	NUMBER (18,2)
F * LOCATION_ID	NUMBER (10)
F * MACHINE_TYPE_ID	NUMBER (10)
F * SALES_CLASS_ID	NUMBER (10)
F * REPORT_BEGIN_DATE_ID	NUMBER (8)
F * REPORT_END_DATE_ID	NUMBER (8)
W_FINANC_COST_F_PK (FINANCIAL_SUMMARY_COST_ID)	
LOCATION_ID_COST_FK (LOCATION_ID)	
MACHINE_TYPE_ID_COST_FK (MACHINE_TYPE_ID)	
REPORT_BEGIN_DATE_ID_COST_FK (REPORT_BEGIN_DATE_ID)	
REPORT_END_DATE_ID_COST_FK (REPORT_END_DATE_ID)	
SALES_CLASS_ID_COST_FK (SALES_CLASS_ID)	
W_FINANC_COST_F_PK (FINANCIAL_SUMMARY_COST_ID)	



W_SALES_CLASS_D	
P * SALES_CLASS_ID	NUMBER (10)
SALES_CLASS_DESC	VARCHAR2 (250 BYTE)
* BASE_PRICE	NUMBER (8,4)
W_SALES_CLASS_D_PK (SALES_CLASS_ID)	
W_SALES_CLASS_D_PK (SALES_CLASS_ID)	

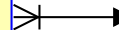
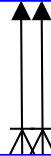
W_MACHINE_TYPE_D	
P * MACHINE_TYPE_ID	NUMBER (10)
* MANUFACTURER	VARCHAR2 (50 BYTE)
* MACHINE_MODEL	VARCHAR2 (10 BYTE)
* RATE_PER_HOUR	NUMBER (7,2)
* NUMBER_OF_MACHINES	NUMBER (4)
W_MACHINE_TYPE_D_PK (MACHINE_TYPE_ID)	
W_MACHINE_TYPE_D_PK (MACHINE_TYPE_ID)	

W_TIME_D		
P *	TIME_ID	NUMBER (8)
U *	TIME_YEAR	NUMBER (4)
	TIME_QUARTER	NUMBER (1)
U *	TIME_MONTH	NUMBER (2)
U *	TIME_DAY	NUMBER (3)
	TIME_WEEK	NUMBER (2)
 W_TIME_D_PK (TIME_ID)		
 W_TIME_D_UNIQUEGOUNP1 (TIME_YEAR, TIME_MONTH, TIME_DAY)		
 W_TIME_D_PK (TIME_ID)		
 W_TIME_D_UNIQUEGOUNP1 (TIME_YEAR, TIME_MONTH, TIME_DAY)		

W_LOCATION_D		
P *	LOCATION_ID	NUMBER (10)
U *	LOCATION_NAME	VARCHAR2 (50 BYTE)
 W_LOCATION_PK (LOCATION_ID)		
 W_LOCATION_UNIQUE1 (LOCATION_NAME)		
 W_LOCATION_PK (LOCATION_ID)		
 W_LOCATION_UNIQUE1 (LOCATION_NAME)		

W_FINANCIAL_SUMMARY_SALES_F		
P *	FINANCIAL_SUMMARY_SALES_ID	NUMBER (10)
	ACTUAL_UNITS	NUMBER (12)
	ACTUAL_AMOUNT	NUMBER (18,2)
	FORCAST_UNIT	NUMBER (12)
	FORCAST_AMOUNT	NUMBER (18,2)
F *	LOCATION_ID	NUMBER (10)
F *	SALES_CLASS_ID	NUMBER (10)
F *	REPORT_BEGIN_DATE_ID	NUMBER (8)
F *	REPORT_END_DATE_ID	NUMBER (8)
 W_FINANC_SUM_F_PK (FINANCIAL_SUMMARY_SALES_ID)		
 LOCATION_ID_FINANC_FK (LOCATION_ID)		
 REPORT_BEGIN_DATE_ID_FINANC_FK (REPORT_BEGIN_DATE_ID)		
 REPORT_END_DATE_ID_FINANC_FK (REPORT_END_DATE_ID)		
 SALES_CLASS_ID_FINANC_FK (SALES_CLASS_ID)		
 W_FINANC_SUM_F_PK (FINANCIAL_SUMMARY_SALES_ID)		

W_SALES_CLASS_D		
P *	SALES_CLASS_ID	NUMBER (10)
	SALES_CLASS_DESC	VARCHAR2 (250 BYTE)
	BASE_PRICE	NUMBER (8,4)
 W_SALES_CLASS_D_PK (SALES_CLASS_ID)		
 W_SALES_CLASS_D_PK (SALES_CLASS_ID)		



W_TIME_D		
P *	TIME_ID	NUMBER (8)
U *	TIME_YEAR	NUMBER (4)
	TIME_QUARTER	NUMBER (1)
U *	TIME_MONTH	NUMBER (2)
U *	TIME_DAY	NUMBER (3)
	TIME_WEEK	NUMBER (2)
W_TIME_D_PK (TIME_ID)		
W_TIME_D_UNIQUEGOUNP1 (TIME_YEAR, TIME_MONTH, TIME_DAY)		
W_TIME_D_PK (TIME_ID)		
W_TIME_D_UNIQUEGOUNP1 (TIME_YEAR, TIME_MONTH, TIME_DAY)		

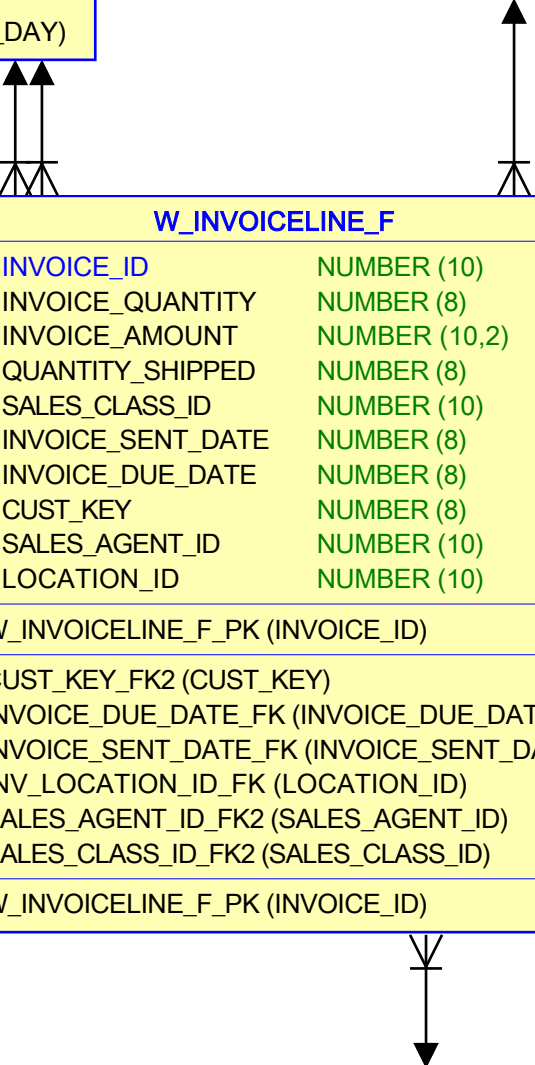
W_LOCATION_D		
P *	LOCATION_ID	NUMBER (10)
U *	LOCATION_NAME	VARCHAR2 (50 BYTE)
W_LOCATION_PK (LOCATION_ID)		
W_LOCATION_UNIQUE1 (LOCATION_NAME)		
W_LOCATION_PK (LOCATION_ID)		
W_LOCATION_UNIQUE1 (LOCATION_NAME)		

W_CUSTOMER_D		
P *	CUST_KEY	NUMBER (8)
	CUST_NAME	VARCHAR2 (50 BYTE)
	CITY	VARCHAR2 (25 BYTE)
	COUNTRY	VARCHAR2 (25 BYTE)
	CREDIT_LIMIT	NUMBER (10,2)
	E_MAIL_ADDRESS	VARCHAR2 (50 BYTE)
	CUST_STATE	VARCHAR2 (2 BYTE)
	ZIP	VARCHAR2 (10 BYTE)
	TERMS_CODE	VARCHAR2 (10 BYTE)
W_CUSTOMER_D_PK (CUST_KEY)		
W_CUSTOMER_D_PK (CUST_KEY)		

W_INVOICELINE_F		
P *	INVOICE_ID	NUMBER (10)
	INVOICE_QUANTITY	NUMBER (8)
	INVOICE_AMOUNT	NUMBER (10,2)
	QUANTITY_SHIPPED	NUMBER (8)
F *	SALES_CLASS_ID	NUMBER (10)
F *	INVOICE_SENT_DATE	NUMBER (8)
F *	INVOICE_DUE_DATE	NUMBER (8)
F *	CUST_KEY	NUMBER (8)
F *	SALES_AGENT_ID	NUMBER (10)
F *	LOCATION_ID	NUMBER (10)
W_INVOICELINE_F_PK (INVOICE_ID)		
CUST_KEY_FK2 (CUST_KEY)		
INVOICE_DUE_DATE_FK (INVOICE_DUE_DATE)		
INVOICE_SENT_DATE_FK (INVOICE_SENT_DATE)		
INV_LOCATION_ID_FK (LOCATION_ID)		
SALES_AGENT_ID_FK2 (SALES_AGENT_ID)		
SALES_CLASS_ID_FK2 (SALES_CLASS_ID)		
W_INVOICELINE_F_PK (INVOICE_ID)		

W_SALES_CLASS_D		
P *	SALES_CLASS_ID	NUMBER (10)
	SALES_CLASS_DESC	VARCHAR2 (250 BYTE)
	BASE_PRICE	NUMBER (8,4)
W_SALES_CLASS_D_PK (SALES_CLASS_ID)		
W_SALES_CLASS_D_PK (SALES_CLASS_ID)		

W_SALES_AGENT_D		
P *	SALES_AGENT_ID	NUMBER (10)
	SALES_AGENT_NAME	VARCHAR2 (60 BYTE)
	SALES_AGENT_STATE	VARCHAR2 (2 BYTE)
	COUNTRY	VARCHAR2 (25 BYTE)
W_SALES_AGENT_D_PK (SALES_AGENT_ID)		
W_SALES_AGENT_D_PK (SALES_AGENT_ID)		



W_TIME_D		
P *	TIME_ID	NUMBER (8)
U *	TIME_YEAR	NUMBER (4)
	TIME_QUARTER	NUMBER (1)
U *	TIME_MONTH	NUMBER (2)
U *	TIME_DAY	NUMBER (3)
	TIME_WEEK	NUMBER (2)
W_TIME_D_PK (TIME_ID)		
W_TIME_D_UNIQUEGOUNP1 (TIME_YEAR, TIME_MONTH, TIME_DAY)		
W_TIME_D_PK (TIME_ID)		
W_TIME_D_UNIQUEGOUNP1 (TIME_YEAR, TIME_MONTH, TIME_DAY)		

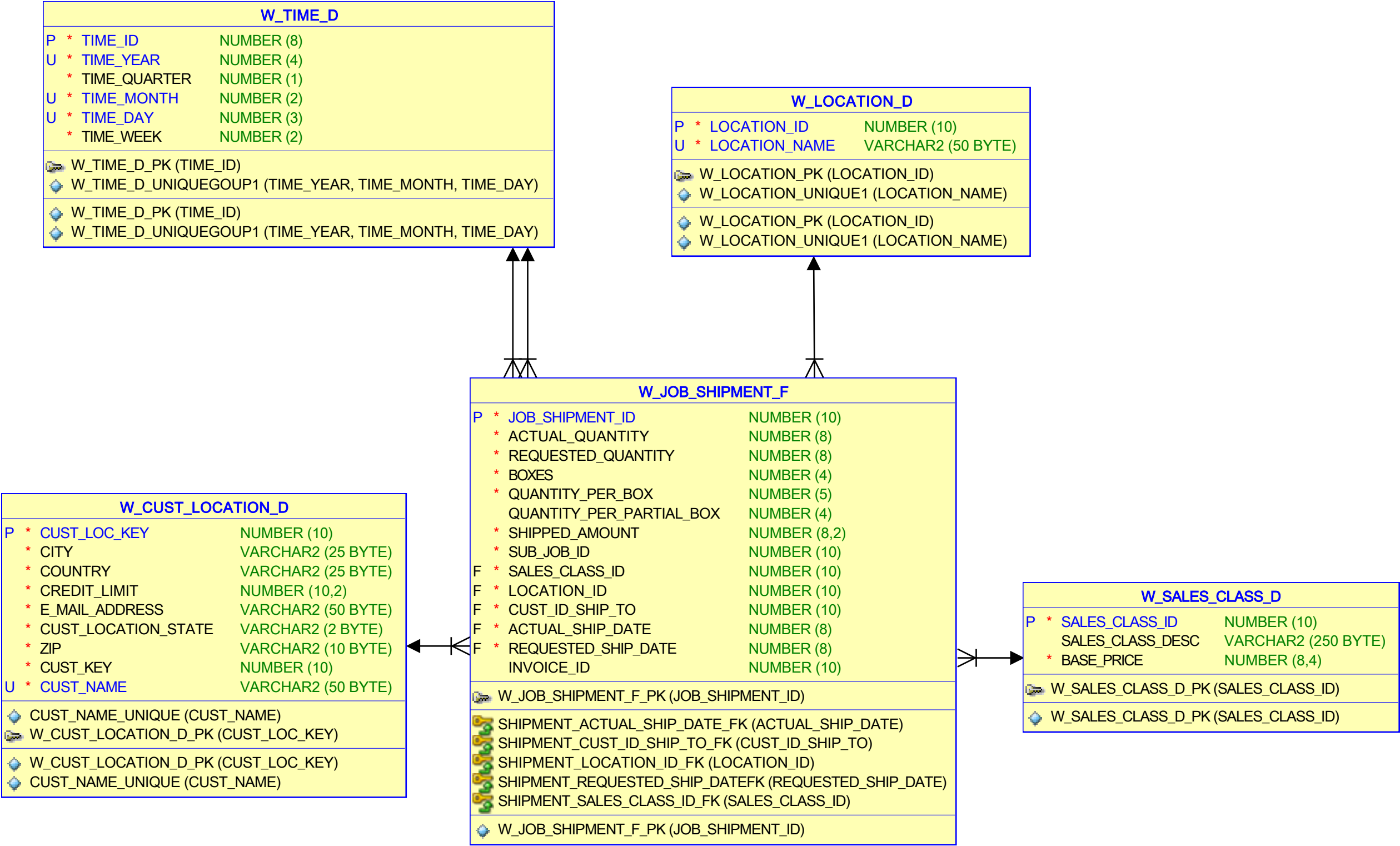
W_LOCATION_D		
P *	LOCATION_ID	NUMBER (10)
U *	LOCATION_NAME	VARCHAR2 (50 BYTE)
W_LOCATION_PK (LOCATION_ID)		
W_LOCATION_UNIQUE1 (LOCATION_NAME)		
W_LOCATION_PK (LOCATION_ID)		
W_LOCATION_UNIQUE1 (LOCATION_NAME)		





W_JOB_F		
P *	JOB_ID	NUMBER (10)
F	CONTRACT_DATE	NUMBER (8)
F *	SALES_AGENT_ID	NUMBER (10)
F	SALES_CLASS_ID	NUMBER (10)
F *	LOCATION_ID	NUMBER (10)
F *	CUST_ID_ORDERED_BY	NUMBER (8)
F	DATE_PROMISED	NUMBER (8)
F	DATE_SHIP_BY	NUMBER (8)
	NUMBER_OF_SUBJOBS	NUMBER (4)
	UNIT_PRICE	NUMBER (6,2)
	QUANTITY_ORDERED	NUMBER (8)
	QUOTE_QTY	NUMBER (8)
W_JOB_F_PK (JOB_ID)		
W_JOB_CONTRACT_DATE_FK (CONTRACT_DATE)		
W_JOB_CUST_ID_ORDERED_BY_FK (CUST_ID_ORDERED_BY)		
W_JOB_DATE_PROMISED_FK (DATE_PROMISED)		
W_JOB_DATE_SHIP_BY_FK (DATE_SHIP_BY)		
W_JOB_LOCATION_ID_FK (LOCATION_ID)		
W_JOB_SALES_AGENT_ID_FK (SALES_AGENT_ID)		
W_JOB_SALES_CLASS_ID_FK (SALES_CLASS_ID)		
W_JOB_F_PK (JOB_ID)		





W_SALES_CLASS_D		
P *	SALES_CLASS_ID	NUMBER (10)
	SALES_CLASS_DESC	VARCHAR2 (250 BYTE)
	BASE_PRICE	NUMBER (8,4)
W_SALES_CLASS_D_PK (SALES_CLASS_ID)		
W_SALES_CLASS_D_PK (SALES_CLASS_ID)		



W_CUSTOMER_D		
P *	CUST_KEY	NUMBER (8)
	CUST_NAME	VARCHAR2 (50 BYTE)
	CITY	VARCHAR2 (25 BYTE)
	COUNTRY	VARCHAR2 (25 BYTE)
	CREDIT_LIMIT	NUMBER (10,2)
	E_MAIL_ADDRESS	VARCHAR2 (50 BYTE)
	CUST_STATE	VARCHAR2 (2 BYTE)
	ZIP	VARCHAR2 (10 BYTE)
	TERMS_CODE	VARCHAR2 (10 BYTE)
W_CUSTOMER_D_PK (CUST_KEY)		
W_CUSTOMER_D_PK (CUST_KEY)		









W_SALES_AGENT_D		
P *	SALES_AGENT_ID	NUMBER (10)
	SALES_AGENT_NAME	VARCHAR2 (60 BYTE)
	SALES_AGENT_STATE	VARCHAR2 (2 BYTE)
	COUNTRY	VARCHAR2 (25 BYTE)
W_SALES_AGENT_D_PK (SALES_AGENT_ID)		
W_SALES_AGENT_D_PK (SALES_AGENT_ID)		







W_TIME_D		
P *	TIME_ID	NUMBER (8)
U *	TIME_YEAR	NUMBER (4)
	TIME_QUARTER	NUMBER (1)
U *	TIME_MONTH	NUMBER (2)
U *	TIME_DAY	NUMBER (3)
	TIME_WEEK	NUMBER (2)
 W_TIME_D_PK (TIME_ID)		
 W_TIME_D_UNIQUEGOUNP1 (TIME_YEAR, TIME_MONTH, TIME_DAY)		
 W_TIME_D_PK (TIME_ID)		
 W_TIME_D_UNIQUEGOUNP1 (TIME_YEAR, TIME_MONTH, TIME_DAY)		

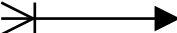
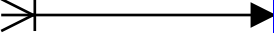
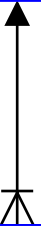
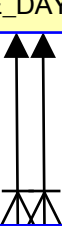
W_LOCATION_D		
P *	LOCATION_ID	NUMBER (10)
U *	LOCATION_NAME	VARCHAR2 (50 BYTE)
 W_LOCATION_PK (LOCATION_ID)		
 W_LOCATION_UNIQUE1 (LOCATION_NAME)		
 W_LOCATION_PK (LOCATION_ID)		
 W_LOCATION_UNIQUE1 (LOCATION_NAME)		

W_CUSTOMER_D		
P *	CUST_KEY	NUMBER (8)
	CUST_NAME	VARCHAR2 (50 BYTE)
	CITY	VARCHAR2 (25 BYTE)
	COUNTRY	VARCHAR2 (25 BYTE)
	CREDIT_LIMIT	NUMBER (10,2)
	E_MAIL_ADDRESS	VARCHAR2 (50 BYTE)
	CUST_STATE	VARCHAR2 (2 BYTE)
	ZIP	VARCHAR2 (10 BYTE)
	TERMS_CODE	VARCHAR2 (10 BYTE)
 W_CUSTOMER_D_PK (CUST_KEY)		
 W_CUSTOMER_D_PK (CUST_KEY)		

W_SUB_JOB_F		
P *	SUB_JOB_ID	NUMBER (10)
	COST_LABOR	NUMBER (8,2)
	COST_MATERIAL	NUMBER (8,2)
	COST_OVERHEAD	NUMBER (8,2)
	MACHINE_HOURS	NUMBER (8,2)
	QUANTITY_PRODUCED	NUMBER (8)
	SUB_JOB_AMOUNT	NUMBER (11,2)
	JOB_ID	NUMBER (10)
F *	MACHINE_TYPE_ID	NUMBER (10)
F *	SALES_CLASS_ID	NUMBER (10)
F *	DATE_PROD_BEGIN	NUMBER (8)
F *	DATE_PROD_END	NUMBER (8)
F *	LOCATION_ID	NUMBER (10)
F *	CUST_ID_ORDERED_BY	NUMBER (8)
 W_SUB_JOB_F_PK (SUB_JOB_ID)		
 SUBJOB_CUST_ID_ORDERED_BY (CUST_ID_ORDERED_BY)		
 SUBJOB_DATE_PROD_BEGIN (DATE_PROD_BEGIN)		
 SUBJOB_DATE_PROD_END (DATE_PROD_END)		
 SUBJOB_LOCATION_ID_FK (LOCATION_ID)		
 SUBJOB_MACHINE_TYPE_ID (MACHINE_TYPE_ID)		
 SUBJOB_SALES_CLASS_ID (SALES_CLASS_ID)		
 W_SUB_JOB_F_PK (SUB_JOB_ID)		

W_SALES_CLASS_D		
P *	SALES_CLASS_ID	NUMBER (10)
	SALES_CLASS_DESC	VARCHAR2 (250 BYTE)
	BASE_PRICE	NUMBER (8,4)
 W_SALES_CLASS_D_PK (SALES_CLASS_ID)		
 W_SALES_CLASS_D_PK (SALES_CLASS_ID)		

W_MACHINE_TYPE_D		
P *	MACHINE_TYPE_ID	NUMBER (10)
	MANUFACTURER	VARCHAR2 (50 BYTE)
	MACHINE_MODEL	VARCHAR2 (10 BYTE)
	RATE_PER_HOUR	NUMBER (7,2)
	NUMBER_OF_MACHINES	NUMBER (4)
 W_MACHINE_TYPE_D_PK (MACHINE_TYPE_ID)		
 W_MACHINE_TYPE_D_PK (MACHINE_TYPE_ID)		



W_TIME_D		
P *	TIME_ID	NUMBER (8)
U *	TIME_YEAR	NUMBER (4)
	TIME_QUARTER	NUMBER (1)
U *	TIME_MONTH	NUMBER (2)
U *	TIME_DAY	NUMBER (3)
	TIME_WEEK	NUMBER (2)
W_TIME_D_PK (TIME_ID) W_TIME_D_UNIQUEGOUNP1 (TIME_YEAR, TIME_MONTH, TIME_DAY)		
W_TIME_D_PK (TIME_ID) W_TIME_D_UNIQUEGOUNP1 (TIME_YEAR, TIME_MONTH, TIME_DAY)		

W_LOCATION_D		
P *	LOCATION_ID	NUMBER (10)
U *	LOCATION_NAME	VARCHAR2 (50 BYTE)
W_LOCATION_PK (LOCATION_ID) W_LOCATION_UNIQUE1 (LOCATION_NAME)		
W_LOCATION_PK (LOCATION_ID) W_LOCATION_UNIQUE1 (LOCATION_NAME)		

W_CUSTOMER_D		
P *	CUST_KEY	NUMBER (8)
	CUST_NAME	VARCHAR2 (50 BYTE)
	CITY	VARCHAR2 (25 BYTE)
	COUNTRY	VARCHAR2 (25 BYTE)
	CREDIT_LIMIT	NUMBER (10,2)
	E_MAIL_ADDRESS	VARCHAR2 (50 BYTE)
	CUST_STATE	VARCHAR2 (2 BYTE)
	ZIP	VARCHAR2 (10 BYTE)
	TERMS_CODE	VARCHAR2 (10 BYTE)
W_CUSTOMER_D_PK (CUST_KEY)		
W_CUSTOMER_D_PK (CUST_KEY)		

W_LEAD_F		
P *	LEAD_ID	NUMBER (10)
	QUOTE_QTY	NUMBER (8)
	QUOTE_PRICE	NUMBER (11,2)
	LEAD_SUCCESS	VARCHAR2 (1 BYTE)
U	JOB_ID	NUMBER (10)
F *	CREATED_DATE	NUMBER (8)
F *	CUST_ID	NUMBER (8)
F *	LOCATION_ID	NUMBER (10)
F *	SALES_AGENT_ID	NUMBER (10)
F *	SALES_CLASS_ID	NUMBER (10)
W_LEAD_F_PK (LEAD_ID) W_LEAD_JOB_ID_UNIQUE (JOB_ID)		
W_LEAD_CREATED_DATE_FK (CREATED_DATE) W_LEAD_CUST_ID_FK (CUST_ID) W_LEAD_LOCATION_ID_FK (LOCATION_ID) W_LEAD_SALES_AGENT_ID_FK (SALES_AGENT_ID) W_LEAD_SALES_CLASS_ID_FK (SALES_CLASS_ID)		
W_LEAD_F_PK (LEAD_ID) W_LEAD_JOB_ID_UNIQUE (JOB_ID)		

W_SALES_CLASS_D		
P *	SALES_CLASS_ID	NUMBER (10)
	SALES_CLASS_DESC	VARCHAR2 (250 BYTE)
	BASE_PRICE	NUMBER (8,4)
W_SALES_CLASS_D_PK (SALES_CLASS_ID)		
W_SALES_CLASS_D_PK (SALES_CLASS_ID)		

W_SALES_AGENT_D		
P *	SALES_AGENT_ID	NUMBER (10)
	SALES_AGENT_NAME	VARCHAR2 (60 BYTE)
	SALES_AGENT_STATE	VARCHAR2 (2 BYTE)
	COUNTRY	VARCHAR2 (25 BYTE)
W_SALES_AGENT_D_PK (SALES_AGENT_ID)		
W_SALES_AGENT_D_PK (SALES_AGENT_ID)		