

LSA.BPC_SCHEDULING	
PF *	BPC_ID NUMBER
P *	BPC_SCHEDULING_ID NUMBER
	RELATED_SCHED_ID NUMBER
	RELATED_SCHED_TIME VARCHAR2 (5 BYTE)
F	SCHEDULED_BPC_ID NUMBER
F	SCHEDULED_BP_ID NUMBER
	* SCHEDULED_CONTEXT_TYPE VARCHAR2 (3 BYTE)
BPCS_PK (BPC_ID, BPC_SCHEDULING_ID)	
BPCS_PK (BPC_ID, BPC_SCHEDULING_ID)	

LSA.BEAMPROCESSES	
P *	BEAMPROCESS_ID NUMBER
U *	CONTEXT_TYPE VARCHAR2 (2 BYTE)
	* BEAMPROCESS_TYPE_ID NUMBER
U *	BEAMPROCESS_NAME VARCHAR2 (110 BYTE)
	DESCRIPTION VARCHAR2 (200 BYTE)
	* DATE_CREATED DATE
	* IS_HIDDEN CHAR (1 BYTE)
	* BEAMPROCESS_LENGTH NUMBER
	* CTX_CATEGORY_NAME VARCHAR2 (11 BYTE)
BP_CTX_TYPE_UK (BEAMPROCESS_ID, CONTEXT_TYPE)	
BP_NAME_UK (BEAMPROCESS_NAME)	
BP_PK (BEAMPROCESS_ID)	
BP_PK (BEAMPROCESS_ID)	
BP_CTX_TYPE_UK (BEAMPROCESS_ID, CONTEXT_TYPE)	
BP_NAME_UK (BEAMPROCESS_NAME)	
BP_BPTYP_FK (BEAMPROCESS_TYPE_ID)	
BP_CTX_CAT_FK (CTX_CATEGORY_NAME)	

LSA.BEAMPRODUCTIONCHAINS	
P *	BPC_ID NUMBER
U *	CONTEXT_TYPE VARCHAR2 (3 BYTE)
F *	BPC_TYPE_ID NUMBER
U *	BPC_NAME VARCHAR2 (110 BYTE)
	DESCRIPTION VARCHAR2 (200 BYTE)
	* DATE_CREATED DATE
	* IS_HIDDEN CHAR (1 BYTE)
	* BPC_LENGTH NUMBER
F *	CTX_CATEGORY_NAME VARCHAR2 (11 BYTE)
BPC_CTX_TYPE_UK (BPC_ID, CONTEXT_TYPE)	
BPC_NAME_UK (BPC_NAME)	
BPC_PK (BPC_ID)	
BPC_PK (BPC_ID)	
BPC_CTX_TYPE_UK (BPC_ID, CONTEXT_TYPE)	
BPC_NAME_UK (BPC_NAME)	

LSA.BEAMPRODUCTIONCHAIN_TYPES	
P *	BPC_TYPE_ID NUMBER
U *	BPC_TYPE_NAME VARCHAR2 (90 BYTE)
	* BPC_TYPE_LENGTH NUMBER
	* DESCRIPTION VARCHAR2 (200 BYTE)
	* DATE_CREATED TIMESTAMP
	* IS_HIDDEN CHAR (1 BYTE)
	* IS_EXPLICIT CHAR (1 BYTE)
F *	CTX_CATEGORY_NAME VARCHAR2 (11 BYTE)
BPCT_NAME_UK (BPC_TYPE_NAME)	
BPCT_PK (BPC_TYPE_ID)	
BPCT_PK (BPC_TYPE_ID)	
BPCT_NAME_UK (BPC_TYPE_NAME)	

LSA.PATTERN_SCHEDULING	
PF *	PATTERN_ID NUMBER
P *	PATTERN_SCHEDULING_ID NUMBER
	RELATED_SCHED_ID NUMBER
	RELATED_SCHED_TIME VARCHAR2 (5 BYTE)
F	SCHEDULED_BPC_ID NUMBER
	* SCHEDULED_CONTEXT_TYPE VARCHAR2 (3 BYTE)
	* SCHEDULED_REPETITIONS NUMBER
PATS_PK (PATTERN_ID, PATTERN_SCHEDULING_ID)	
PATS_PK (PATTERN_ID, PATTERN_SCHEDULING_ID)	

LSA.CONTEXT_CATEGORIES	
P *	CTX_CATEGORY_NAME VARCHAR2 (11 BYTE)
CTXCATS_PK (CTX_CATEGORY_NAME)	

LSA.BPC_TYPE_SCHEDULING	
PF *	BPC_TYPE_ID NUMBER
P *	BPC_TYPE_SCHEDULING_ID NUMBER
	RELATED_SCHED_ID NUMBER
	RELATED_SCHED_TIME VARCHAR2 (5 BYTE)
F	SCHEDULED_BPC_TYPE_ID NUMBER
F	SCHEDULED_BP_TYPE_ID NUMBER
	* SCHEDULED_CONTEXT_TYPE VARCHAR2 (3 BYTE)
BPCTS_PK (BPC_TYPE_ID, BPC_TYPE_SCHEDULING_ID)	
BPCTS_PK (BPC_TYPE_ID, BPC_TYPE_SCHEDULING_ID)	

LSA.PATTERNS	
P *	PATTERN_ID NUMBER
U *	CONTEXT_TYPE VARCHAR2 (3 BYTE)
F *	PATTERN_TYPE_ID NUMBER
U *	PATTERN_NAME VARCHAR2 (110 BYTE)
	DESCRIPTION VARCHAR2 (200 BYTE)
	* DATE_CREATED DATE
	* IS_HIDDEN CHAR (1 BYTE)
	* PATTERN_LENGTH NUMBER
F *	CTX_CATEGORY_NAME VARCHAR2 (11 BYTE)
PAT_CTX_TYPE_UK (PATTERN_ID, CONTEXT_TYPE)	
PAT_NAME_UK (PATTERN_NAME)	
PAT_PK (PATTERN_ID)	
PAT_PK (PATTERN_ID)	
PAT_CTX_TYPE_UK (PATTERN_ID, CONTEXT_TYPE)	
PAT_NAME_UK (PATTERN_NAME)	

LSA.PATTERN_TYPES	
P *	PATTERN_TYPE_ID NUMBER
U *	PATTERN_TYPE_NAME VARCHAR2 (90 BYTE)
	* PATTERN_TYPE_LENGTH NUMBER
	* DESCRIPTION VARCHAR2 (200 BYTE)
	* DATE_CREATED TIMESTAMP
	* IS_HIDDEN CHAR (1 BYTE)
F *	CTX_CATEGORY_NAME VARCHAR2 (11 BYTE)
PATT_NAME_UK (PATTERN_TYPE_NAME)	
PATT_PK (PATTERN_TYPE_ID)	
PATT_PK (PATTERN_TYPE_ID)	
PATT_NAME_UK (PATTERN_TYPE_NAME)	

LSA.BEAMPROCESS_TYPES	
P *	BEAMPROCESS_TYPE_ID NUMBER
U *	BEAMPROCESS_TYPE_NAME VARCHAR2 (90 BYTE)
	* PARTICLE_TRANSFER NUMBER
	* BEAMPROCESS_TYPE_LENGTH NUMBER
	* DESCRIPTION VARCHAR2 (200 BYTE)
	* DATE_CREATED TIMESTAMP
	BEAMPROCESS_TIME NUMBER
	* BEAMPROCESS_TYPE_CATEGORY VARCHAR2 (20 BYTE)
	* ACCELERATOR VARCHAR2 (30 BYTE)
	* IS_HIDDEN CHAR (1 BYTE)
	* PARTICLE_TYPE_NAME VARCHAR2 (30 BYTE)
	* IS_EXPLICIT CHAR (1 BYTE)
	* CTX_CATEGORY_NAME VARCHAR2 (11 BYTE)
	* BEAMPROCESS_TYPE_FORM VARCHAR2 (30 BYTE)
BPTYP_NAME_UK (BEAMPROCESS_TYPE_NAME)	
BPTYP_PK (BEAMPROCESS_TYPE_ID)	
BPTYP_PK (BEAMPROCESS_TYPE_ID)	
BPTYP_PARTTRANS_FK (PARTICLE_TRANSFER)	
BPTYP_CATEGORY_FK (BEAMPROCESS_TYPE_CATEGORY)	
BPTYP_ACCEL_FK (ACCELERATOR)	
BPTYPE_CTX_CAT_FK (CTX_CATEGORY_NAME)	
BPTYP_PK (BEAMPROCESS_TYPE_ID)	
BPTYP_NAME_UK (BEAMPROCESS_TYPE_NAME)	
BPTYP_PARTICLE_TYPE_FK (PARTICLE_TYPE_NAME)	

