

CHAN_ARCH.ARRAY_VAL_SEQ
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CHAN_ARCH.METADATA_SEQ
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CHAN_ARCH.CHANNEL_SEQ
123

CHAN_ARCH.SEVERITY_SEQ
123

CHAN_ARCH.STATUS_SEQ
123

SMPL_ENG

ENG_ID (PK)	NUMBER(38,0)	NOT NULL
NAME	VARCHAR2(120)	NOT NULL
DESCR	VARCHAR2(255)	NOT NULL
URL	VARCHAR2(2048)	NOT NULL

CHAN_GRP

GRP_ID (PK)	NUMBER(38,0)	NOT NULL
NAME	VARCHAR2(120)	NULL
ENG_ID (FK)	NUMBER(38,0)	NOT NULL
ENABLING_CHAN_ID (FK)	NUMBER(38,0)	NULL
RETENT_ID (FK)	NUMBER(5,0)	NOT NULL

RETENT

RETENT_ID (PK)	NUMBER(5,0)	NOT NULL
DESCR	VARCHAR2(10)	NOT NULL

SMPL_MODE

SMPL_MODE_ID (PK)	NUMBER(38,0)	NOT NULL
NAME	VARCHAR2(120)	NOT NULL
DESCR	VARCHAR2(255)	NOT NULL

CHANNEL

CHANNEL_ID (PK)	NUMBER(38,0)	NOT NULL
NAME	VARCHAR2(100)	NOT NULL
GRP_ID (FK)	NUMBER(38,0)	NULL
SMPL_MODE_ID (FK)	NUMBER(38,0)	NOT NULL
SMPL_PER	BINARY_DOUBLE	NOT NULL
set_channel_id_tr		

ENUM_METADATA

CHANNEL_ID (PK)(FK)	NUMBER(38,0)	NOT NULL
ENUM_NBR (PK)	NUMBER(38,0)	NOT NULL
ENUM_VAL	VARCHAR2(128)	NOT NULL

NUM_METADATA

CHANNEL_ID (PK)(FK)	NUMBER(38,0)	NOT NULL
UNIT	VARCHAR2(20)	NOT NULL
PREC	NUMBER(3,0)	NULL
LOW_DISP_RNG	BINARY_DOUBLE	NULL
HIGH_DISP_RNG	BINARY_DOUBLE	NULL
LOW_ALARM_LMT	BINARY_DOUBLE	NULL
HIGH_ALARM_LMT	BINARY_DOUBLE	NULL
LOW_WARN_LMT	BINARY_DOUBLE	NULL
HIGH_WARN_LMT	BINARY_DOUBLE	NULL

SAMPLE

CHANNEL_ID (PK)(FK)	NUMBER(38,0)	NOT NULL
SMPL_TIME (PK)	TIMESTAMP(9)	NOT NULL
SEVERITY_ID (FK)	NUMBER(38,0)	NOT NULL
STATUS_ID (FK)	NUMBER(38,0)	NOT NULL
NUM_VAL	FLOAT(126)	NULL
FLOAT_VAL	BINARY_DOUBLE	NULL
STR_VAL	VARCHAR2(128)	NULL

SEVERITY

SEVERITY_ID (PK)	NUMBER(38,0)	NOT NULL
NAME	VARCHAR2(100)	NOT NULL
set_severity_id_tr		

STATUS

STATUS_ID (PK)	NUMBER(38,0)	NOT NULL
NAME	VARCHAR2(100)	NOT NULL
set_status_id_tr		

ARRAY_VAL

SMPL_TIME (PK)(FK)	TIMESTAMP(9)	NOT NULL
SEQ_NBR (PK)	NUMBER(38,0)	NOT NULL
CHANNEL_ID (PK)(FK)	NUMBER(38,0)	NOT NULL
FLOAT_VAL	BINARY_DOUBLE	NOT NULL
set_array_val_seq_nbr_seq		