

# DATA STRUCTURE LIST

Type	Name	Format	Length	Optionality	SEQ
Table	+--TSMADDR				
Column	TSMADDR_IS_NUMBER	Number	8	Not Null	
Column	TSMADDR_ORG_ID	Char	8	Not Null	
Column	TYPE_CODE	Char	10	Not Null	
Column	START_DATE	Date	8	Null	
Column	LINE_ONE_TEXT	Varchar2	40	Not Null	
Column	LINE_TWO_TEXT	Varchar2	40	Null	
Column	LINE_THREE_TEXT	Varchar2	40	Null	
Column	LINE_FOUR_TEXT	Varchar2	40	Null	
Column	STATE_POSTAL_CODE	Char	2	Null	
Column	ZIP_CODE	Char	10	Null	
Column	COUNTRY_CODE	Char	2	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSMSTATN_IS_NUMBER	Number	8	Null	
FK Column	TSMSTATN_ORG_ID	Char	8	Null	
FK Column	TSMORGAN_IS_NUMBER	Number	8	Null	
FK Column	TSMCPORG_IS_NUMBER	Number	8	Null	
FK Column	TSMCPORG_ORG_ID	Char	8	Null	
FK Column	TSMWELL_ORG_ID	Char	8	Null	
FK Column	TSMWELL_IS_NUMBER	Number	8	Null	
FK Column	TSMWLE_TYPE_NAME	Char	8	Null	
FK Column	TSRLAB_IS_NUMBER	Number	8	Null	
FK Column	TSRLAB_ORG_ID	Char	8	Null	
RI Constraint	ASSGNDTO TSRLAB				
RI Constraint	ISFOR TSMWLE				
RI Constraint	ASSGNDTO TSMCPORG				
RI Constraint	ASSGNDTO TSMORGAN				
RI Constraint	ASSGNDTO TSMSTATN				
Index (U)	+--IADDR01 (Primary)				
Column	TSMADDR_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMADDR_ORG_ID	Char	8	Not Null	Asc
	+--				
Index	+--IADDR06				
Column	TSMSTATN_ORG_ID	Char	8	Null	Asc
Column	TSMSTATN_IS_NUMBER	Number	8	Null	Asc
	+--				
Index	+--IADDR05				
Column	TSMORGAN_IS_NUMBER	Number	8	Null	Asc
	+--				
Index	+--IADDR04				
Column	TSMCPORG_ORG_ID	Char	8	Null	Asc
Column	TSMCPORG_IS_NUMBER	Number	8	Null	Asc
	+--				
Index	+--IADDR03				
Column	TSMWLE_TYPE_NAME	Char	8	Null	Asc
Column	TSMWELL_IS_NUMBER	Number	8	Null	Asc
Column	TSMWELL_ORG_ID	Char	8	Null	Asc
	+--				
Index	+--IADDR02				
Column	TSRLAB_ORG_ID	Char	8	Null	Asc
Column	TSRLAB_IS_NUMBER	Number	8	Null	Asc
	+--				
	+--				
Table	+--TSMALP				
Column	TSMALP_IS_NUMBER	Number	8	Not Null	
Column	TSMALP_ORG_ID	Char	8	Not Null	
Column	TYPE_CODE	Char	16	Not Null	
Column	SEQUENCE_NUMBER	Number	2	Null	
Column	ELEVATION_DATUM_CD	Char	6	Null	
Column	ELVTN_METHOD_CD	Char	2	Null	
Column	ELVTN_MSR_DT	Date	8	Null	
Column	ELEVATION_MSR	Number	9,4	Null	
Column	ELVTN_UNT_CD	Char	3	Null	
Column	GEOPSTNG_DATUM_CD	Char	5	Not Null	
Column	GEOPSTNG_METHOD_CD	Char	2	Not Null	
Column	GEOPSTNG_SCALE_TXT	Varchar2	20	Null	

Column	LAT_DIRECTION	Char	1	Not Null	
Column	LAT_DEGREE_MSR	Number	2	Not Null	
Column	GPS_LAT_DEGREE_MSR	Number	2	Null	
Column	GPS_LAT_MINUTE_MSR	Number	6,4	Null	
Column	GPS_LONG_DEG_MSR	Number	3	Null	
Column	GPS_LONG_MIN_MSR	Number	6,4	Null	
Column	LAT_MINUTE_MSR	Number	2	Not Null	
Column	LAT_SECOND_MSR	Number	6,4	Not Null	
Column	LONG_DIRECTION	Char	1	Not Null	
Column	LONG_DEGREE_MSR	Number	3	Not Null	
Column	LONG_MINUTE_MSR	Number	2	Not Null	
Column	LONG_SECOND_MSR	Number	6,4	Not Null	
Column	LAT_LONG_MSR_DT	Date	8	Null	
Column	LATLONG_ACCRCY_MSR	Number	6,4	Null	
Column	LATLONG_ACCRCY_UNT	Char	2	Null	
Column	LONG_ACCRCY_MSR	Number	6,4	Null	
Column	LONG_ACCRCY_UNT_CD	Char	2	Null	
Column	RF3_RIVER_REACH_CD	Char	12	Null	
Column	RF1_MILEAGE	Number	5,2	Null	
Column	ON_RIVER_REACH_IND	Char	1	Null	
Column	NRCS_WTRSD_ID_NUM	Char	8	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
FK Column	TSMSTATN_ORG_ID	Char	8	Null	
FK Column	TSMSTATN_IS_NUMBER	Number	8	Null	
FK Column	TSMRRR_IS_NUMBER	Number	8	Null	
FK Column	TSMRRR_ORG_ID	Char	8	Null	
FK Column	TSMFHU_IS_NUMBER	Number	8	Null	
FK Column	TSMFHU_ORG_ID	Char	8	Null	
FK Column	TSMSTATN0IS_NUMBER	Number	8	Null	
FK Column	TSMSTATN0ORG_ID	Char	8	Null	
FK Column	TSMPIPE_IS_NUMBER	Number	8	Null	
FK Column	TSMPIPE_ORG_ID	Char	8	Null	
FK Column	TSMWELL_IS_NUMBER	Number	8	Null	
FK Column	TSMWELL_ORG_ID	Char	8	Null	
FK Column	TSMSTATN1ORG_ID	Char	8	Null	
FK Column	TSMSTATN1IS_NUMBER	Number	8	Null	
FK Column	TSMGEOPA_IS_NUMBER	Number	8	Null	
FK Column	TSMGEOPA_ORG_ID	Char	8	Null	
FK Column	TSMGEOPA0IS_NUMBER	Number	8	Null	
FK Column	TSMGEOPA0ORG_ID	Char	8	Null	
FK Column	TSMNAL_CD	Char	5	Null	
FK Column	TSMNAL_STATE	Char	2	Null	
FK Column	TSMNAL_ORG_ID	Char	8	Null	
RI Constraint	ASSOCWTH TSMNAL				
RI Constraint	SECONDL C TSMGEOPA				
RI Constraint	PRIMELOC TSMGEOPA				
RI Constraint	LOCATES TSMPTCT				
RI Constraint	LOCATES TSMWELL				
RI Constraint	LOCATES TSMPIPE				
RI Constraint	ISLOCAT TSMSTATN				
RI Constraint	ASSOCWTH TSMFHU				
RI Constraint	ASSOCWTH TSMRRR				
RI Constraint	LOCATES TSMPMGRD				
Index (U)	+-IALP01 (Primary)				
Column	TSMALP_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMALP_ORG_ID	Char	8	Not Null	Asc
+-					
Index	+-IALP11				
Column	TSMSTATN_IS_NUMBER	Number	8	Null	Asc
Column	TSMSTATN_ORG_ID	Char	8	Null	Asc
+-					
Index	+-IALP10				
Column	TSMRRR_IS_NUMBER	Number	8	Null	Asc
Column	TSMRRR_ORG_ID	Char	8	Null	Asc
+-					
Index	+-IALP09				
Column	TSMFHU_IS_NUMBER	Number	8	Null	Asc
Column	TSMFHU_ORG_ID	Char	8	Null	Asc
+-					
Index	+-IALP08				

Column		TSMSTATN0IS_NUMBER	Number	8	Null	Asc
Column		TSMSTATN0ORG_ID	Char	8	Null	Asc
		+-				
Index		+-IALP07				
Column		TSMPIPE_IS_NUMBER	Number	8	Null	Asc
Column		TSMPIPE_ORG_ID	Char	8	Null	Asc
		+-				
Index		+-IALP06				
Column		TSMWELL_IS_NUMBER	Number	8	Null	Asc
Column		TSMWELL_ORG_ID	Char	8	Null	Asc
		+-				
Index		+-IALP05				
Column		TSMSTATN1IS_NUMBER	Number	8	Null	Asc
Column		TSMSTATN1ORG_ID	Char	8	Null	Asc
		+-				
Index		+-IALP04				
Column		TSMGEOPA_IS_NUMBER	Number	8	Null	Asc
Column		TSMGEOPA_ORG_ID	Char	8	Null	Asc
		+-				
Index		+-IALP03				
Column		TSMGEOPA0IS_NUMBER	Number	8	Null	Asc
Column		TSMGEOPA0ORG_ID	Char	8	Null	Asc
		+-				
Index		+-IALP02				
Column		TSMNAL_CD	Char	5	Null	Asc
Column		TSMNAL_STATE	Char	2	Null	Asc
Column		TSMNAL_ORG_ID	Char	8	Null	Asc
		+-				
		+-				
Table		+-TSMAMDA				
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDT_TS	Date	20	Not Null	
FK Column		TSMMD_IS_NUMBER	Number	8	Not Null	
FK Column		TSMMD_ORG_ID	Char	8	Not Null	
FK Column		TSMALP_IS_NUMBER	Number	8	Not Null	
FK Column		TSMALP_ORG_ID	Char	8	Not Null	
RI Constraint		MEASURES TSMALP				
RI Constraint		DSCRBDY TSMMD				
Index (U)		+-IAMDA03				
Column		TSMMD_ORG_ID	Char	8	Not Null	Asc
Column		TSMMD_IS_NUMBER	Number	8	Not Null	Asc
		+-				
Index (U)		+-IAMDA02				
Column		TSMALP_ORG_ID	Char	8	Not Null	Asc
Column		TSMALP_IS_NUMBER	Number	8	Not Null	Asc
		+-				
Index (U)		+-IAMDA01 (Primary)				
Column		TSMALP_ORG_ID	Char	8	Not Null	Asc
Column		TSMALP_IS_NUMBER	Number	8	Not Null	Asc
Column		TSMMD_ORG_ID	Char	8	Not Null	Asc
Column		TSMMD_IS_NUMBER	Number	8	Not Null	Asc
		+-				
		+-				
Table		+-TSMCHKPT				
Column		LAST_PROCESSED_TAB	Varchar2	8	Not Null	
Column		LAST_ACTION	Char	1	Null	
Column		LAST_PROCESSED_IS_NBR1	Number	8	Null	
Column		LAST_PROCESSED_IS_NBR2	Number	8	Null	
Column		LAST_PROCESSED_IS_NBR3	Number	8	Null	
Column		LAST_PROCESSED_ORG1	Varchar2	8	Null	
Column		LAST_PROCESSED_ORG2	Varchar2	8	Null	
Column		LAST_PROCESSED_ORG3	Varchar2	8	Null	
Column		SIC_CODE	Varchar2	4	Null	
Column		TYPE_NAME	Varchar2	15	Null	
Index (U)		+-ICHKPT01 (Primary)				
Column		LAST_PROCESSED_TAB	Varchar2	8	Not Null	Asc
		+-				
		+-				
Table		+-TSMCPORG				
Column		TSMCPORG_IS_NUMBER	Number	8	Not Null	
Column		TSMCPORG_ORG_ID	Char	8	Not Null	

Column	NAME	Varchar2	60	Not Null	
Column	POC_NAME	Varchar2	30	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSMORGAN_IS_NUMBER	Number	8	Null	
RI Constraint	ASSISTS TSMORGAN				
Index (U)	+ICPORG01 (Primary)				
Column	TSMCPORG_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMCPORG_ORG_ID	Char	8	Not Null	Asc
	+ -				
Index	+ICPORG02				
Column	TSMORGAN_IS_NUMBER	Number	8	Null	Asc
	+ -				
	+ -				
Table	+TSMCSNG				
FK Column	TSMINTVL_IS_NUMBER	Number	8	Not Null	
FK Column	TSMINTVL_ORG_ID	Char	8	Not Null	
Column	TYPE_CODE	Char	24	Not Null	
Column	THICKNESS_MSR	Number	6,3	Null	
Column	THICKNESS_UNT_CD	Char	3	Null	
Column	INSD_DIAMTR_MSR	Number	5,2	Null	
Column	INSD_DIAMTR_UNT_CD	Char	3	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
RI Constraint	ISUSEDIN TSMINTVL				
Index (U)	+ICSNG01 (Primary)				
Column	TSMINTVL_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMINTVL_ORG_ID	Char	8	Not Null	Asc
	+ -				
	+ -				
Table	+TSMDBUSR				
Column	DB_TIMESTAMP	Date	20	Not Null	
Column	TSMDBUSR_USERID	Char	8	Not Null	
Index (U)	+IDBUSR01 (Primary)				
Column	TSMDBUSR_USERID	Char	8	Not Null	Asc
	+ -				
	+ -				
Table	+TSMEADDR				
Column	TSMEADDR_IS_NUMBER	Number	8	Not Null	
Column	TSMEADDR_ORG_ID	Char	8	Not Null	
Column	TYPE_CODE	Char	18	Not Null	
Column	ADDRESS_TEXT	Char	60	Not Null	
Column	COMMENT_TEXT	Char	40	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSMSTATN_IS_NUMBER	Number	8	Null	
FK Column	TSMSTATN_ORG_ID	Char	8	Null	
FK Column	TSMORGAN_IS_NUMBER	Number	8	Null	
FK Column	TSMPEASN_IS_NUMBER	Number	8	Null	
FK Column	TSMPEASN_ORG_ID	Char	8	Null	
FK Column	TSMCPORG_IS_NUMBER	Number	8	Null	
FK Column	TSMCPORG_ORG_ID	Char	8	Null	
FK Column	TSRLAB_IS_NUMBER	Number	8	Null	
FK Column	TSRLAB_ORG_ID	Char	8	Null	
RI Constraint	ISFOR TSRLAB				
RI Constraint	ASSGNDTO TSMCPORG				
RI Constraint	ISFOR TSMPEASN				
RI Constraint	ISFOR TSMORGAN				
RI Constraint	ISFOR TSMSTATN				
Index (U)	+IEADDR01 (Primary)				
Column	TSMEADDR_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMEADDR_ORG_ID	Char	8	Not Null	Asc
	+ -				
Index	+IEADDR06				
Column	TSMSTATN_ORG_ID	Char	8	Null	Asc
Column	TSMSTATN_IS_NUMBER	Number	8	Null	Asc
	+ -				
Index	+IEADDR05				
Column	TSMORGAN_IS_NUMBER	Number	8	Null	Asc
	+ -				
Index	+IEADDR04				

Column		TSMPERSN_IS_NUMBER	Number	8	Null	Asc
Column		TSMPERSN_ORG_ID	Char	8	Null	Asc
		+-				
Index		+-IEADDR03				
Column		TSMCPORG_IS_NUMBER	Number	8	Null	Asc
Column		TSMCPORG_ORG_ID	Char	8	Null	Asc
		+-				
Index		+-IEADDR02				
Column		TSRLAB_IS_NUMBER	Number	8	Null	Asc
Column		TSRLAB_ORG_ID	Char	8	Null	Asc
		+-				
		+-				
Table		+-TSMEISN				
Column		TSMEISN_NAME	Char	8	Not Null	
Column		TSMEISN_ORG_ID	Char	8	Not Null	
Column		IS_NUMBER	Number	8	Not Null	
Index (U)		+-IEISN01 (Primary)				
Column		TSMEISN_NAME	Char	8	Not Null	Asc
Column		TSMEISN_ORG_ID	Char	8	Not Null	Asc
		+-				
		+-				
Table		+-TSMERMSG				
Column		TSMERMSG_IS_NUMBER	Number	8	Not Null	
Column		TSMERMSG_ORG_ID	Char	8	Not Null	
Column		MESSAGE_ID	Char	6	Not Null	
Column		MESSAGE_TEXT	Varchar2	254	Not Null	
Column		DESCRIPTION_TEXT	Varchar2	1999	Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDATE_TS	Date	20	Not Null	
Index (U)		+-IERMSG01 (Primary)				
Column		TSMERMSG_ORG_ID	Char	8	Not Null	Asc
Column		TSMERMSG_IS_NUMBER	Number	8	Not Null	Asc
		+-				
		+-				
Table		+-TSMERS				
Column		TSMERS_IS_NUMBER	Number	8	Not Null	
Column		TSMERS_ORG_ID	Char	8	Not Null	
Column		ACRONYM	Char	8	Not Null	
Column		NAME	Varchar2	60	Not Null	
Column		DESCRIPTION_TEXT	Varchar2	254	Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDT_TS	Date	20	Not Null	
FK Column		TSMORGAN_IS_NUMBER	Number	8	Null	
RI Constraint		DEFINDBY TSMORGAN				
Index (U)		+-IERS01 (Primary)				
Column		TSMERS_IS_NUMBER	Number	8	Not Null	Asc
Column		TSMERS_ORG_ID	Char	8	Not Null	Asc
		+-				
Index		+-IERS02				
Column		TSMORGAN_IS_NUMBER	Number	8	Null	Asc
		+-				
		+-				
Table		+-TSMESTLC				
FK Column		TSMALP_IS_NUMBER	Number	8	Not Null	
FK Column		TSMALP_ORG_ID	Char	8	Not Null	
Column		OTHER_ESTUARY_NAME	Varchar2	30	Null	
Column		ADDTNL_LOC_NAME	Varchar2	30	Null	
Column		SHORE_DISTANCE	Number	6,2	Null	
Column		SHORE_DIST_UNIT_CD	Char	3	Null	
Column		REFERENCE_PT	Varchar2	30	Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDT_TS	Date	20	Not Null	
FK Column		TSMESTRY_ORG_ID	Char	8	Null	
FK Column		TSMESTRY_IS_NUMBER	Number	8	Null	
RI Constraint		CHARBY TSMESTRY				
RI Constraint		CHARIZS TSMALP				
Index (U)		+-IESTLC01 (Primary)				
Column		TSMALP_IS_NUMBER	Number	8	Not Null	Asc
Column		TSMALP_ORG_ID	Char	8	Not Null	Asc
		+-				
Index		+-IESTLC02				

Column		TSMESTRY_IS_NUMBER	Number	8	Null	Asc
Column		TSMESTRY_ORG_ID	Char	8	Null	Asc
		+-				
	+-					
Table	+-	TSMESTRY				
Column		TSMESTRY_IS_NUMBER	Number	8	Not Null	
Column		TSMESTRY_ORG_ID	Char	8	Not Null	
Column		NAME	Varchar2	30	Not Null	
Column		COUNTRY_CODE	Char	2	Not Null	
Column		STATE_PROVINCE_NAME	Varchar2	40	Not Null	
Column		PRIMARY_INDICATOR	Char	1	Not Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDT_TS	Date	20	Not Null	
FK Column		TSMESTRY0ORG_ID	Char	8	Null	
FK Column		TSMESTRY0IS_NUMBER	Number	8	Null	
RI Constraint		LOCATDIN TSMESTRY				
Index (U)		+-IESTRY01 (Primary)				
Column		TSMESTRY_ORG_ID	Char	8	Not Null	Asc
Column		TSMESTRY_IS_NUMBER	Number	8	Not Null	Asc
		+-				
Index		+-IESTRY02				
Column		TSMESTRY0IS_NUMBER	Number	8	Null	Asc
Column		TSMESTRY0ORG_ID	Char	8	Null	Asc
		+-				
	+-					
Table	+-	TSMFCLTY				
FK Column		TSMSTATN_IS_NUMBER	Number	8	Not Null	
FK Column		TSMSTATN_ORG_ID	Char	8	Not Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDT_TS	Date	20	Not Null	
RI Constraint		IS2 TSMSTATN				
Index (U)		+-IFCLTY01 (Primary)				
Column		TSMSTATN_IS_NUMBER	Number	8	Not Null	Asc
Column		TSMSTATN_ORG_ID	Char	8	Not Null	Asc
		+-				
	+-					
Table	+-	TSMFHU				
Column		TSMFHU_IS_NUMBER	Number	8	Not Null	
Column		TSMFHU_ORG_ID	Char	8	Not Null	
Column		HYDROLOGIC_UNIT_CD	Char	8	Not Null	
Column		NAME	Varchar2	50	Null	
Column		STATES_NAME	Char	16	Null	
Column		LAT_MAX_DEGREE	Number	14,4	Null	
Column		LAT_MIN_DEGREE	Number	14,4	Null	
Column		LONG_MAX_DEGREE	Number	14,4	Null	
Column		LONG_MIN_DEGREE	Number	14,4	Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDT_TS	Date	20	Not Null	
Index (U)		+-IFHU01 (Primary)				
Column		TSMFHU_IS_NUMBER	Number	8	Not Null	Asc
Column		TSMFHU_ORG_ID	Char	8	Not Null	Asc
		+-				
Index		+-IFHU02				
Column		HYDROLOGIC_UNIT_CD	Char	8	Not Null	Asc
		+-				
	+-					
Table	+-	TSMFILL				
FK Column		TSMINTVL_IS_NUMBER	Number	8	Not Null	
FK Column		TSMINTVL_ORG_ID	Char	8	Not Null	
Column		MATERIAL_TYPE_CD	Char	20	Not Null	
Column		VOLUME_MSR	Number	7,3	Null	
Column		VOLUME_UNIT_CODE	Char	10	Null	
Column		THICKNESS_MSR	Number	6,3	Null	
Column		THICKNESS_UNT_CD	Char	3	Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDT_TS	Date	20	Not Null	
RI Constraint		ISUSEDIN TSMINTVL				
Index (U)		+-IFILL01 (Primary)				
Column		TSMINTVL_IS_NUMBER	Number	8	Not Null	Asc
Column		TSMINTVL_ORG_ID	Char	8	Not Null	Asc
		+-				

+-						
Table	+-TSMFSA					
FK Column	TSMSTATN_IS_NUMBER	Number	8	Not Null		
FK Column	TSMSTATN_ORG_ID	Char	8	Not Null		
FK Column	TSMSIC_CODE	Char	4	Not Null		
FK Column	TSMSCIC_ORG_ID	Char	8	Not Null		
Column	D_USERID_CODE	Char	8	Not Null		
Column	D_LAST_UPDATE_TS	Date	20	Not Null		
RI Constraint	DSCRBDY TSMSCIC					
RI Constraint	DESCRIBES TSMFCLTY					
Index	+-IFSA02					
Column	TSMSIC_CODE	Char	4	Not Null	Asc	
Column	TSMSIC_ORG_ID	Char	8	Not Null	Asc	
+-						
Index (U)	+-IFSA01 (Primary)					
Column	TSMSTATN_IS_NUMBER	Number	8	Not Null	Asc	
Column	TSMSTATN_ORG_ID	Char	8	Not Null	Asc	
Column	TSMSIC_CODE	Char	4	Not Null	Asc	
Column	TSMSIC_ORG_ID	Char	8	Not Null	Asc	
+-						
+-						
Table	+-TSMGEOPA					
Column	TSMGEOPA_IS_NUMBER	Number	8	Not Null		
Column	TSMGEOPA_ORG_ID	Char	8	Not Null		
Column	LAT_MIN_DEGREE	Number	14,4	Null		
Column	LAT_MAX_DEGREE	Number	14,4	Null		
Column	LONG_MIN_DEGREE	Number	14,4	Null		
Column	LONG_MAX_DEGREE	Number	14,4	Null		
Column	FIPS_COUNTY_CODE	Char	3	Null		
Column	COUNTY_NAME	Varchar2	25	Null		
Column	STATE_FIPS_CODE	Char	2	Not Null		
Column	STATE_NAME	Varchar2	21	Not Null		
Column	STATE_POSTAL_CODE	Char	2	Null		
Column	COUNTRY_CODE	Char	2	Not Null		
Column	COUNTRY_NAME	Char	13	Not Null		
Column	COASTAL_IND_CD	Char	1	Not Null		
Column	GREAT_LAKE_IND_CD	Char	1	Not Null		
Column	D_USERID_CODE	Char	8	Not Null		
Column	D_LAST_UPDT_TS	Date	20	Not Null		
Index (U)	+-IGEOPA01 (Primary)					
Column	TSMGEOPA_IS_NUMBER	Number	8	Not Null	Asc	
Column	TSMGEOPA_ORG_ID	Char	8	Not Null	Asc	
+-						
+-						
Table	+-TSMGEOUN					
Column	TSMGEOUN_CD	Char	12	Not Null		
Column	TSMGEOUN_ORG_ID	Char	8	Not Null		
Column	TYPE_CODE	Char	1	Not Null		
Column	STATE_CODE	Char	2	Not Null		
Column	NAME	Varchar2	80	Not Null		
Column	D_USERID_CODE	Char	8	Not Null		
Column	D_LAST_UPDT_TS	Date	20	Not Null		
Index (U)	+-IGEOUN01 (Primary)					
Column	TSMGEOUN_CD	Char	12	Not Null	Asc	
Column	TSMGEOUN_ORG_ID	Char	8	Not Null	Asc	
+-						
+-						
Table	+-TSMGLL					
FK Column	TSMALP_IS_NUMBER	Number	8	Not Null		
FK Column	TSMALP_ORG_ID	Char	8	Not Null		
Column	NAME	Char	15	Not Null		
Column	ADDTNL_LOC_NAME	Varchar2	30	Null		
Column	SHORE_DISTANCE	Number	6,2	Null		
Column	SHORE_DIST_UNIT_CD	Char	3	Null		
Column	REFERENCE_PT	Varchar2	30	Null		
Column	D_USERID_CODE	Char	8	Not Null		
Column	D_LAST_UPDT_TS	Date	20	Not Null		
RI Constraint	CHRCTRZS TSMALP					
Index (U)	+-IGLL01 (Primary)					
Column	TSMALP_IS_NUMBER	Number	8	Not Null	Asc	
Column	TSMALP_ORG_ID	Char	8	Not Null	Asc	

	+- +-					
Table	+-TSMGNTXT					
Column	TSMGNTXT_IS_NUMBER	Number	8	Not Null		
Column	TSMGNTXT_ORG_ID	Char	8	Not Null		
Column	TABLE_NAME	Varchar2	8	Not Null		
Column	DESCRIPTION_NAME	Varchar2	8	Not Null		
Column	DESCRIPTION_TEXT	Varchar2	1999	Not Null		
Column	D_USERID_CODE	Char	8	Not Null		
Column	D_LAST_UPDATE_TS	Date	20	Not Null		
FK Column	TSRRSULT_IS_NUMBER	Number	8	Null		
FK Column	TSRRSULT_ORG_ID	Char	8	Null		
FK Column	TSMPROJ_IS_NUMBER	Number	8	Null		
FK Column	TSMPROJ_ORG_ID	Char	8	Null		
FK Column	TSMPROGM_IS_NUMBER	Number	8	Null		
FK Column	TSMPROGM_ORG_ID	Char	8	Null		
FK Column	TSRGRCFG_IS_NUMBER	Number	8	Null		
FK Column	TSRGRCFG_ORG_ID	Char	8	Null		
RI Constraint	DSCRBS TSRGRCFG					
RI Constraint	DSCRBS TSMPROGM					
RI Constraint	DSCRBS TSMPROJ					
RI Constraint	DEFINES TSRRSULT					
Index (U)	+-IGNTXT01 (Primary)					
Column	TSMGNTXT_IS_NUMBER	Number	8	Not Null	Asc	
Column	TSMGNTXT_ORG_ID	Char	8	Not Null	Asc	
	+-					
Index	+-IGNTXT05					
Column	TSRRSULT_ORG_ID	Char	8	Null	Asc	
Column	TSRRSULT_IS_NUMBER	Number	8	Null	Asc	
	+-					
Index	+-IGNTXT04					
Column	TSMPROJ_ORG_ID	Char	8	Null	Asc	
Column	TSMPROJ_IS_NUMBER	Number	8	Null	Asc	
	+-					
Index	+-IGNTXT03					
Column	TSMPROGM_ORG_ID	Char	8	Null	Asc	
Column	TSMPROGM_IS_NUMBER	Number	8	Null	Asc	
	+-					
Index	+-IGNTXT02					
Column	TSRGRCFG_ORG_ID	Char	8	Null	Asc	
Column	TSRGRCFG_IS_NUMBER	Number	8	Null	Asc	
	+-					
Table	+-TSMHOLE					
FK Column	TSMINTVL_IS_NUMBER	Number	8	Not Null		
FK Column	TSMINTVL_ORG_ID	Char	8	Not Null		
Column	DIAMETER_MEASURE	Number	5,2	Not Null		
Column	UNIT_CODE	Char	3	Not Null		
Column	D_USERID_CODE	Char	8	Not Null		
Column	D_LAST_UPDT_TS	Date	20	Not Null		
RI Constraint	IS3 TSMINTVL					
Index (U)	+-IHOLE01 (Primary)					
Column	TSMINTVL_IS_NUMBER	Number	8	Not Null	Asc	
Column	TSMINTVL_ORG_ID	Char	8	Not Null	Asc	
	+-					
Table	+-TSMIGUA					
Column	TSMIGUA_IS_NUMBER	Number	8	Not Null		
Column	TSMIGUA_ORG_ID	Char	8	Not Null		
Column	OTH_GEO_UNIT_NM	Varchar2	60	Null		
Column	PRIM_AQUFR_IND_CD	Char	1	Null		
Column	WATER_BEARING_IND	Char	1	Null		
Column	D_USERID_CODE	Char	8	Not Null		
Column	D_LAST_UPDATE_TS	Date	20	Not Null		
FK Column	TSMINTVL_IS_NUMBER	Number	8	Null		
FK Column	TSMINTVL_ORG_ID	Char	8	Null		
FK Column	TSMGEOUN_CD	Char	12	Null		
FK Column	TSMGEOUN_ORG_ID	Char	8	Null		
RI Constraint	DSCRDBY TSMGEOUN					
RI Constraint	FDEFINES TSMINTVL					
Index (U)	+-IIGUA01 (Primary)					



Column		TSMIGUA_IS_NUMBER	Number	8	Not Null	Asc
Column		TSMIGUA_ORG_ID	Char	8	Not Null	Asc
		+-				
Index		+-IIGUA03				
Column		TSMINTVL_IS_NUMBER	Number	8	Null	Asc
Column		TSMINTVL_ORG_ID	Char	8	Null	Asc
		+-				
Index		+-IIGUA02				
Column		TSMGEOUN_CD	Char	12	Null	Asc
Column		TSMGEOUN_ORG_ID	Char	8	Null	Asc
		+-				
Table	+-	TSMINTVL				
Column		TSMINTVL_IS_NUMBER	Number	8	Not Null	
Column		TSMINTVL_ORG_ID	Char	8	Not Null	
Column		TYPE_CODE	Char	18	Not Null	
Column		DEPTH_UNIT_CODE	Char	3	Not Null	
Column		START_DEPTH_MSR	Number	8,3	Not Null	
Column		STOP_DEPTH_MSR	Number	8,3	Not Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDT_TS	Date	20	Not Null	
FK Column		TSMWELL_IS_NUMBER	Number	8	Null	
FK Column		TSMWELL_ORG_ID	Char	8	Null	
FK Column		TSMLTHUN_CD	Char	12	Null	
FK Column		TSMLTHUN_ORG_ID	Char	8	Null	
FK Column		TSMGEOUN_CD	Char	12	Null	
FK Column		TSMGEOUN_ORG_ID	Char	8	Null	
RI Constraint		CNSSTSO TSMGEOUN				
RI Constraint		CNSSTSO TSMLTHUN				
RI Constraint		PRTTIONS TSMWELL				
Index (U)	+-	IINTVL01 (Primary)				
Column		TSMINTVL_IS_NUMBER	Number	8	Not Null	Asc
Column		TSMINTVL_ORG_ID	Char	8	Not Null	Asc
		+-				
Index	+-	IINTVL05				
Column		TSMWELL_IS_NUMBER	Number	8	Null	Asc
Column		TSMWELL_ORG_ID	Char	8	Null	Asc
		+-				
Index	+-	IINTVL03				
Column		TSMLTHUN_CD	Char	12	Null	Asc
Column		TSMLTHUN_ORG_ID	Char	8	Null	Asc
		+-				
Index	+-	IINTVL02				
Column		TSMGEOUN_CD	Char	12	Null	Asc
Column		TSMGEOUN_ORG_ID	Char	8	Null	Asc
		+-				
Table	+-	TSMLOG				
Column		TSMLOG_IS_NUMBER	Number	8	Not Null	
Column		TSMLOG_ORG_ID	Char	8	Not Null	
Column		TYPE_CODE	Char	27	Not Null	
Column		REPORT_FORMAT_CODE	Char	10	Not Null	
Column		LOCATION_DESCR_TXT	Varchar2	120	Null	
Column		CONDUCTED_DATE	Date	8	Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDT_TS	Date	20	Not Null	
FK Column		TSMWELL_IS_NUMBER	Number	8	Null	
FK Column		TSMWELL_ORG_ID	Char	8	Null	
RI Constraint		DESCONS TSMWELL				
Index (U)	+-	ILOG01 (Primary)				
Column		TSMLOG_IS_NUMBER	Number	8	Not Null	Asc
Column		TSMLOG_ORG_ID	Char	8	Not Null	Asc
		+-				
Index	+-	ILOG02				
Column		TSMWELL_ORG_ID	Char	8	Null	Asc
Column		TSMWELL_IS_NUMBER	Number	8	Null	Asc
		+-				
Table	+-	TSMLTHUN				
Column		TSMLTHUN_CD	Char	12	Not Null	
Column		TSMLTHUN_ORG_ID	Char	8	Not Null	

Column	NAME	Varchar2	120	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
Index (U)	+-ILTHUN01 (Primary)				
Column	TSMLTHUN_CD	Char	12	Not Null	Asc
Column	TSMLTHUN_ORG_ID	Char	8	Not Null	Asc
+-					
Table	+-TSMMDAD				
Column	TSMMDAD_IS_NUMBER	Number	8	Not Null	
Column	TSMMDAD_ORG_ID	Char	8	Not Null	
Column	ID_CODE	Char	12	Not Null	
Column	CATEGORY	Char	10	Not Null	
Column	SUBCATEGORY	Char	6	Not Null	
Column	DESCRIPTION	Char	120	Null	
Index (U)	+-IMAD01 (Primary)				
Column	TSMMDAD_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMMDAD_ORG_ID	Char	8	Not Null	Asc
+-					
Table	+-TSMNAL				
Column	TSMNAL_CD	Char	5	Not Null	
Column	TSMNAL_STATE	Char	2	Not Null	
Column	TSMNAL_ORG_ID	Char	8	Not Null	
Column	NAME	Varchar2	40	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
Index (U)	+-INAL01 (Primary)				
Column	TSMNAL_CD	Char	5	Not Null	Asc
Column	TSMNAL_STATE	Char	2	Not Null	Asc
Column	TSMNAL_ORG_ID	Char	8	Not Null	Asc
+-					
Table	+-TSMOCNLC				
FK Column	TSMALP_IS_NUMBER	Number	8	Not Null	
FK Column	TSMALP_ORG_ID	Char	8	Not Null	
Column	NAME	Char	14	Not Null	
Column	SHORE_RELATION	Char	10	Not Null	
Column	LORAN_C_READING_1	Char	14	Null	
Column	LORAN_C_READING_2	Char	14	Null	
Column	BOTTOM_TOPOGRAPHY	Varchar2	254	Null	
Column	ADDTNL_LOC_NAME	Varchar2	30	Null	
Column	SHORE_DISTANCE	Number	6,2	Null	
Column	SHORE_DIST_UNIT_CD	Char	3	Null	
Column	REFERENCE_PT	Varchar2	30	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
RI Constraint	<No Name> TSMALP				
Index (U)	+-IOCNC01 (Primary)				
Column	TSMALP_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMALP_ORG_ID	Char	8	Not Null	Asc
+-					
Table	+-TSMOPNG				
FK Column	TSMINTVL_IS_NUMBER	Number	8	Not Null	
FK Column	TSMINTVL_ORG_ID	Char	8	Not Null	
Column	TYPE_CODE	Char	20	Not Null	
Column	DESCRIPTION_TEXT	Varchar2	120	Null	
Column	MATERIAL_TYPE_CD	Char	20	Null	
Column	LENGTH_MSR	Number	5,3	Null	
Column	LENGTH_UNIT_CODE	Char	3	Null	
Column	WIDTH_MSR	Number	5,3	Null	
Column	WIDTH_UNIT_CODE	Char	3	Null	
Column	MESH_SIZE_MSR	Number	5,3	Null	
Column	MESH_SIZE_UNT_CD	Char	3	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
RI Constraint	IS4 TSMINTVL				
Index (U)	+-IOPNG01 (Primary)				
Column	TSMINTVL_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMINTVL_ORG_ID	Char	8	Not Null	Asc

	+- +-				
Table	+-TSMORGAN				
Column	TSMORGAN_IS_NUMBER	Number	8	Not Null	
Column	TYPE_CODE	Char	30	Not Null	
Column	ORG_ID	Char	8	Not Null	
Column	NAME	Varchar2	60	Not Null	
Column	UNLOCK_KEY	Char	10	Not Null	
Column	SHORT_NAME	Varchar2	20	Null	
Column	PARENT_ORG	Varchar2	60	Null	
Column	DESCRIPTION_TEXT	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
Index (U)	+-IORGAN01 (Primary)				
Column	TSMORGAN_IS_NUMBER	Number	8	Not Null	Asc
	+-				
Index	+-IORGAN02				
Column	ORG_ID	Char	8	Not Null	Asc
	+-				
Index	+-IORGAN03				
Column	NAME	Varchar2	60	Not Null	Asc
	+-				
Table	+-TSMPCOA				
FK Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	
FK Column	TSMPROJ_ORG_ID	Char	8	Not Null	
FK Column	TSMCPORG_IS_NUMBER	Number	8	Not Null	
FK Column	TSMCPORG_ORG_ID	Char	8	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	INVLDIN TSMPROJ				
RI Constraint	INVOLVES TSMCPORG				
Index	+-IPCOA03				
Column	TSMCPORG_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMCPORG_ORG_ID	Char	8	Not Null	Asc
	+-				
Index (U)	+-IPCOA01 (Primary)				
Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPROJ_ORG_ID	Char	8	Not Null	Asc
Column	TSMCPORG_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMCPORG_ORG_ID	Char	8	Not Null	Asc
	+-				
Table	+-TSPERSN				
Column	TSPERSN_IS_NUMBER	Number	8	Not Null	
Column	TSPERSN_ORG_ID	Char	8	Not Null	
Column	FIRST_NAME	Varchar2	30	Not Null	
Column	LAST_NAME	Varchar2	40	Not Null	
Column	ACTIVE_INDICATR_CD	Char	1	Not Null	
Column	HONORIFIC_NAME	Char	8	Null	
Column	AFFILIATION_TEXT	Varchar2	60	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSMORGAN_IS_NUMBER	Number	8	Null	
RI Constraint	ISPARTOF TSMORGAN				
Index (U)	+-IPERSN01 (Primary)				
Column	TSPERSN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSPERSN_ORG_ID	Char	8	Not Null	Asc
	+-				
Index	+-IPERSN02				
Column	TSMORGAN_IS_NUMBER	Number	8	Null	Asc
	+-				
Table	+-TSMPIPE				
Column	TSMPIPE_IS_NUMBER	Number	8	Not Null	
Column	TSMPIPE_ORG_ID	Char	8	Not Null	
Column	ID_NUMBER	Number	3	Not Null	
Column	DESCRIPTION_TEXT	Varchar2	254	Null	
Column	SBSRFC_DSCH_IND_CD	Char	1	Not Null	
Column	STATUS_NAME	Char	9	Not Null	
Column	TREATMENT_NAME	Char	17	Not Null	

Column	FLOW_TYPE_NAME	Char	16	Not Null	
Column	USE_NAME	Char	25	Null	
Column	DSCHRG_FREQ_TYP_CD	Char	12	Null	
Column	RECEIVING_WTR_TXT	Varchar2	40	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
FK Column	TSMSTATN_ORG_ID	Char	8	Null	
FK Column	TSMSTATN_IS_NUMBER	Number	8	Null	
RI Constraint	ISPARTOF TSMFCLTY				
Index (U)	+--IPIPE01 (Primary)				
Column	TSMPIPE_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPIPE_ORG_ID	Char	8	Not Null	Asc
	+--				
Index	+--IPIPE02				
Column	TSMSTATN_IS_NUMBER	Number	8	Null	Asc
Column	TSMSTATN_ORG_ID	Char	8	Null	Asc
	+--				
Table	+--TSMPPMGRD				
FK Column	TSMSTATN_IS_NUMBER	Number	8	Not Null	
FK Column	TSMSTATN_ORG_ID	Char	8	Not Null	
Column	DESCRIPTION_TEXT	Varchar2	120	Null	
Column	X_AXIS_LENGTH_MSR	Number	14,4	Not Null	
Column	Y_AXIS_LENGTH_MSR	Number	14,4	Not Null	
Column	X_AXIS_UNIT_CODE	Char	3	Not Null	
Column	Y_AXIS_UNIT_CODE	Char	3	Not Null	
Column	CELL_AREA_MSR	Number	3	Null	
Column	CELL_AREA_UNIT_CD	Char	4	Null	
Column	LABEL_SCHEME_TEXT	Varchar2	80	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
RI Constraint	BELNGSTO TSMSTATN				
Index (U)	+--IPMGRD01 (Primary)				
Column	TSMSTATN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMSTATN_ORG_ID	Char	8	Not Null	Asc
	+--				
Table	+--TSMPPMTCT				
FK Column	TSMSTATN_IS_NUMBER	Number	8	Not Null	
FK Column	TSMSTATN_ORG_ID	Char	8	Not Null	
Column	DESCRIPTION_TEXT	Varchar2	120	Null	
Column	INTERVAL_MSR	Number	14,4	Not Null	
Column	INTERVAL_UNT_CD	Char	3	Not Null	
Column	LENGTH_MSR	Number	14,4	Not Null	
Column	LENGTH_UNT_CD	Char	3	Not Null	
Column	LABEL_SCHEME_TXT	Varchar2	80	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
RI Constraint	BELNGSTO TSMSTATN				
Index (U)	+--IPMTCT01 (Primary)				
Column	TSMSTATN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMSTATN_ORG_ID	Char	8	Not Null	Asc
	+--				
Table	+--TSMPPPA				
FK Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	
FK Column	TSMPROJ_ORG_ID	Char	8	Not Null	
FK Column	TSMPPERSN_IS_NUMBER	Number	8	Not Null	
FK Column	TSMPPERSN_ORG_ID	Char	8	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	HAS TSMPROJ				
RI Constraint	HAS TSMPPERSN				
Index	+--IPPA03				
Column	TSMPPERSN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPPERSN_ORG_ID	Char	8	Not Null	Asc
	+--				
Index (U)	+--IPPA01 (Primary)				
Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPROJ_ORG_ID	Char	8	Not Null	Asc
Column	TSMPPERSN_IS_NUMBER	Number	8	Not Null	Asc

Column	TSMPEPERSN_ORG_ID	Char	8	Not Null	Asc
	+-				
	+--				
Table	+--TSMPPRA				
FK Column	TSMPPROJ_IS_NUMBER	Number	8	Not Null	
FK Column	TSMPPROJ_ORG_ID	Char	8	Not Null	
FK Column	TSMPEPERSN_IS_NUMBER	Number	8	Not Null	
FK Column	TSMPEPERSN_ORG_ID	Char	8	Not Null	
FK Column	TSMPPROLE_IS_NUMBER	Number	8	Not Null	
FK Column	TSMPPROLE_ORG_ID	Char	8	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	HAS TSMPPRA				
RI Constraint	ISFOR TSMPPROLE				
Index	+--IPRA02				
Column	TSMPPROLE_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPPROLE_ORG_ID	Char	8	Not Null	Asc
	+-				
Index (U)	+--IPRA01 (Primary)				
Column	TSMPPROJ_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPPROJ_ORG_ID	Char	8	Not Null	Asc
Column	TSMPEPERSN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPEPERSN_ORG_ID	Char	8	Not Null	Asc
Column	TSMPPROLE_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPPROLE_ORG_ID	Char	8	Not Null	Asc
	+-				
	+--				
Table	+--TSMPPRA				
FK Column	TSMPEPERSN_IS_NUMBER	Number	8	Not Null	
FK Column	TSMPEPERSN_ORG_ID	Char	8	Not Null	
FK Column	TSMPPROLE_IS_NUMBER	Number	8	Not Null	
FK Column	TSMPPROLE_ORG_ID	Char	8	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	ISFOR TSMPPROLE				
RI Constraint	ISFOR TSMPEPERSN				
Index	+--IPRA02				
Column	TSMPPROLE_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPPROLE_ORG_ID	Char	8	Not Null	Asc
	+-				
Index (U)	+--IPRA01 (Primary)				
Column	TSMPEPERSN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPEPERSN_ORG_ID	Char	8	Not Null	Asc
Column	TSMPPROLE_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPPROLE_ORG_ID	Char	8	Not Null	Asc
	+-				
	+--				
Table	+--TSMPPRMVL				
Column	TSMPPRMVL_IS_NUMBER	Number	8	Not Null	
Column	TSMPPRMVL_ORG_ID	Char	8	Not Null	
Column	TABLE_NAME	Char	8	Not Null	
Column	FIELD_NAME	Char	20	Not Null	
Column	SEQUENCE_NUMBER	Number	3	Not Null	
Column	FIELD_VALUE	Char	40	Null	
Column	FIELD_DESC	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
Index (U)	+--IPRMVL01 (Primary)				
Column	TSMPPRMVL_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPPRMVL_ORG_ID	Char	8	Not Null	Asc
	+-				
Index (U)	+--IPRMVL02				
Column	TABLE_NAME	Char	8	Not Null	Asc
Column	FIELD_NAME	Char	20	Not Null	Asc
Column	SEQUENCE_NUMBER	Number	3	Not Null	Asc
	+-				
	+--				
Table	+--TSMPPROGM				
Column	TSMPPROGM_IS_NUMBER	Number	8	Not Null	
Column	TSMPPROGM_ORG_ID	Char	8	Not Null	
Column	TYPE_CODE	Char	3	Not Null	

Column	NAME	Varchar2	60	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSMORGAN_IS_NUMBER	Number	8	Null	
RI Constraint	SPNSRDBY TSMORGAN				
Index (U)	+-IPROGM01 (Primary)				
Column	TSMPROGM_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPROGM_ORG_ID	Char	8	Not Null	Asc
	+-				
Index	+-IPROGM02				
Column	TSMORGAN_IS_NUMBER	Number	8	Null	Asc
	+-				
Table	+-TSMPROJ				
Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	
Column	TSMPROJ_ORG_ID	Char	8	Not Null	
Column	IDENTIFICATION_CD	Char	8	Not Null	
Column	NAME	Varchar2	60	Not Null	
Column	START_DATE	Date	8	Null	
Column	PLANNED_DURATION	Char	15	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
FK Column	TSMORGAN_IS_NUMBER	Number	8	Null	
RI Constraint	RESPNSBL TSMORGAN				
Index (U)	+-IPROJ01 (Primary)				
Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPROJ_ORG_ID	Char	8	Not Null	Asc
	+-				
Index	+-IPROJ02				
Column	TSMORGAN_IS_NUMBER	Number	8	Null	Asc
	+-				
Table	+-TSMPROLE				
Column	TSMPROLE_IS_NUMBER	Number	8	Not Null	
Column	TSMPROLE_ORG_ID	Char	8	Not Null	
Column	TITLE	Varchar2	32	Not Null	
Column	TYPE_CODE	Char	4	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
Index (U)	+-IPROLE01 (Primary)				
Column	TSMPROLE_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPROLE_ORG_ID	Char	8	Not Null	Asc
	+-				
Table	+-TSMPPRA				
FK Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	
FK Column	TSMPROJ_ORG_ID	Char	8	Not Null	
FK Column	TSMPROGM_IS_NUMBER	Number	8	Not Null	
FK Column	TSMPROGM_ORG_ID	Char	8	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	ISFOR TSMPROJ				
RI Constraint	PRTPICPAT TSMPROGM				
Index	+-IPRPA03				
Column	TSMPROGM_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPROGM_ORG_ID	Char	8	Not Null	Asc
	+-				
Index (U)	+-IPRPA01 (Primary)				
Column	TSMPROJ_ORG_ID	Char	8	Not Null	Asc
Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPROGM_ORG_ID	Char	8	Not Null	Asc
Column	TSMPROGM_IS_NUMBER	Number	8	Not Null	Asc
	+-				
Table	+-TSMPSA				
FK Column	TSMSTATN_IS_NUMBER	Number	8	Not Null	
FK Column	TSMSTATN_ORG_ID	Char	8	Not Null	
FK Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	
FK Column	TSMPROJ_ORG_ID	Char	8	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	

RI Constraint		ISUSED BY TSM PROJ				
RI Constraint		USES TSM STATN				
Index		+ - IPSA02				
Column		TSM PROJ_IS_NUMBER	Number	8	Not Null	Asc
Column		TSM PROJ_ORG_ID	Char	8	Not Null	Asc
		+ -				
Index (U)		+ - IPSA01 (Primary)				
Column		TSM STATN_IS_NUMBER	Number	8	Not Null	Asc
Column		TSM STATN_ORG_ID	Char	8	Not Null	Asc
Column		TSM PROJ_IS_NUMBER	Number	8	Not Null	Asc
Column		TSM PROJ_ORG_ID	Char	8	Not Null	Asc
		+ -				
		+ -				
Table		+ - TSMPSR				
Column		TSMPSR_IS_NUMBER	Number	8	Not Null	
Column		TSMPSR_ORG_ID	Char	8	Not Null	
Column		TYPE_NAME	Varchar2	32	Not Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDATE_TS	Date	20	Not Null	
Index (U)		+ - IPSR01 (Primary)				
Column		TSMPSR_IS_NUMBER	Number	8	Not Null	Asc
Column		TSMPSR_ORG_ID	Char	8	Not Null	Asc
		+ -				
		+ -				
Table		+ - TSMPSRA				
FK Column		TSM STATN_IS_NUMBER	Number	8	Not Null	
FK Column		TSM STATN_ORG_ID	Char	8	Not Null	
FK Column		TSM PROJ_IS_NUMBER	Number	8	Not Null	
FK Column		TSM PROJ_ORG_ID	Char	8	Not Null	
FK Column		TSMPSR_IS_NUMBER	Number	8	Not Null	
FK Column		TSMPSR_ORG_ID	Char	8	Not Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint		ISFOR TSMPSR				
RI Constraint		ISFOR TSMPSA				
Index		+ - IPSRA03				
Column		TSM PROJ_IS_NUMBER	Number	8	Not Null	Asc
Column		TSM PROJ_ORG_ID	Char	8	Not Null	Asc
Column		TSM STATN_IS_NUMBER	Number	8	Not Null	Asc
Column		TSM STATN_ORG_ID	Char	8	Not Null	Asc
		+ -				
Index		+ - IPSRA02				
Column		TSMPSR_IS_NUMBER	Number	8	Not Null	Asc
Column		TSMPSR_ORG_ID	Char	8	Not Null	Asc
		+ -				
Index (U)		+ - IPSRA01 (Primary)				
Column		TSM STATN_IS_NUMBER	Number	8	Not Null	Asc
Column		TSM STATN_ORG_ID	Char	8	Not Null	Asc
Column		TSM PROJ_IS_NUMBER	Number	8	Not Null	Asc
Column		TSM PROJ_ORG_ID	Char	8	Not Null	Asc
Column		TSMPSR_IS_NUMBER	Number	8	Not Null	Asc
Column		TSMPSR_ORG_ID	Char	8	Not Null	Asc
		+ -				
		+ -				
Table		+ - TSM PUMP				
Column		TSM PUMP_IS_NUMBER	Number	8	Not Null	
Column		TSM PUMP_ORG_ID	Char	8	Not Null	
Column		TYPE_CODE	Char	16	Not Null	
Column		SERIAL_NUMBER	Char	15	Null	
Column		MANUFACTURER_NAME	Varchar2	30	Null	
Column		MANUFACTR_MODEL_NM	Varchar2	20	Null	
Column		RATED_RPM_MSR	Number	4	Null	
Column		RATED_CAPACITY_MSR	Number	6,2	Null	
Column		RATED_CPCTY_UNT_CD	Char	3	Null	
Column		RATED_POWER_MSR	Number	5,2	Null	
Column		RATED_POWER_UNT_CD	Char	6	Null	
Column		INTAKE_DEPTH_MSR	Number	8,3	Null	
Column		INTAK_DEPTH_UNT_CD	Char	3	Null	
Column		INTAK_DEPTH_REF_PT	Varchar2	60	Null	
Column		LOCATION_MEASURE	Number	8,3	Null	
Column		LOCATION_UNIT_CODE	Char	3	Null	

Column	LOCATN_REF_PT_TXT	Varchar2	60	Null	
Column	INSTALLATION_DATE	Date	8	Null	
Column	REMOVAL_DATE	Date	8	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
FK Column	TSMWELL_IS_NUMBER	Number	8	Null	
FK Column	TSMWELL_ORG_ID	Char	8	Null	
RI Constraint	DRAWS TSMWELL				
Index (U)	+ -IPUMP01 (Primary)				
Column	TSMMPUMP_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMMPUMP_ORG_ID	Char	8	Not Null	Asc
	+ -				
Index	+ -IPUMP02				
Column	TSMWELL_IS_NUMBER	Number	8	Null	Asc
Column	TSMWELL_ORG_ID	Char	8	Null	Asc
	+ -				
Table	+ -TSMRFLBL				
FK Column	TSMSTATN_IS_NUMBER	Number	8	Not Null	
FK Column	TSMSTATN_ORG_ID	Char	8	Not Null	
FK Column	TSMERS_IS_NUMBER	Number	8	Not Null	
FK Column	TSMERS_ORG_ID	Char	8	Not Null	
Column	TSMRFLBL_IS_NUMBER	Number	8	Not Null	
Column	LABEL_CODE	Varchar2	20	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
RI Constraint	REFERNCs TSMSTATN				
RI Constraint	REFERNCs TSMERS				
Index	+ -IRFLBL02				
Column	TSMERS_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMERS_ORG_ID	Char	8	Not Null	Asc
	+ -				
Index (U)	+ -IRFLBL01 (Primary)				
Column	TSMSTATN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMSTATN_ORG_ID	Char	8	Not Null	Asc
Column	TSMERS_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMERS_ORG_ID	Char	8	Not Null	Asc
Column	TSMRFLBL_IS_NUMBER	Number	8	Not Null	Asc
	+ -				
Table	+ -TSMRRR				
Column	TSMRRR_IS_NUMBER	Number	8	Not Null	
Column	TSMRRR_ORG_ID	Char	8	Not Null	
Column	HYDROLOGIC_UNIT_CD	Char	8	Not Null	
Column	SEGMENT_CODE	Char	3	Not Null	
Column	NAME	Varchar2	30	Null	
Column	TYPE_CODE	Char	1	Null	
Column	LEVEL_CODE	Number	2	Null	
Column	MILE_LENGTH	Number	5,1	Null	
Column	LAT_MAX_DEGREE	Number	14,4	Null	
Column	LAT_MIN_DEGREE	Number	14,4	Null	
Column	LONG_MAX_DEGREE	Number	14,4	Null	
Column	LONG_MIN_DEGREE	Number	14,4	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
Index (U)	+ -IRRR01 (Primary)				
Column	TSMRRR_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMRRR_ORG_ID	Char	8	Not Null	Asc
	+ -				
Index	+ -IRRR02				
Column	HYDROLOGIC_UNIT_CD	Char	8	Not Null	Asc
Column	SEGMENT_CODE	Char	3	Not Null	Asc
	+ -				
Table	+ -TSMSCTS				
Column	TSMSCS_SERIAL_ID	Number	7	Not Null	
Column	TSMSCS_ORG_ID	Char	8	Not Null	
Column	TABLE_NAME	Char	8	Not Null	
Column	REPL_SUCCEEDED_FLG	Char	1	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	



Index (U)	+--ISCTS01 (Primary)				
Column	TSMISOI_SERIAL_ID	Number	7	Not Null	Asc
Column	TSMISOI_ORG_ID	Char	8	Not Null	Asc
Column	TABLE_NAME	Char	8	Not Null	Asc
	+--				
Table	+--TSMASIC				
Column	TSMASIC_CODE	Char	4	Not Null	
Column	TSMASIC_ORG_ID	Char	8	Not Null	
Column	NAME	Varchar2	48	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
Index (U)	+--ISIC01 (Primary)				
Column	TSMASIC_CODE	Char	4	Not Null	Asc
Column	TSMASIC_ORG_ID	Char	8	Not Null	Asc
	+--				
Index	+--ISIC02				
Column	NAME	Varchar2	48	Not Null	Asc
	+--				
Table	+--TSMISOI				
Column	TSMISOI_SERIAL_ID	Number	7	Not Null	
Column	TSMISOI_ORG_ID	Char	8	Not Null	
Column	ACTIVITY_DATE	Date	8	Null	
Column	REPLICATION_FLAG	Char	1	Not Null	
Column	LINE_ONE_TEXT	Varchar2	40	Null	
Column	LINE_TWO_TEXT	Varchar2	40	Null	
Column	LINE_THREE_TEXT	Varchar2	40	Null	
Column	LINE_FOUR_TEXT	Varchar2	40	Null	
Column	ZIP_CODE	Char	10	Null	
Column	COMMENTS	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
Index (U)	+--ISOI01 (Primary)				
Column	TSMISOI_SERIAL_ID	Number	7	Not Null	Asc
Column	TSMISOI_ORG_ID	Char	8	Not Null	Asc
	+--				
Table	+--TSMSPRNG				
FK Column	TSMSTATN_IS_NUMBER	Number	8	Not Null	
FK Column	TSMSTATN_ORG_ID	Char	8	Not Null	
Column	PERMANENCE_CODE	Char	12	Null	
Column	IMPROVEMENT_CODE	Char	14	Not Null	
Column	OTHR_GEO_UNIT_NM	Varchar2	120	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
FK Column	TSMGEOUN_CD	Char	12	Null	
FK Column	TSMGEOUN_ORG_ID	Char	8	Null	
FK Column	TSMLTHUN_CD	Char	12	Null	
FK Column	TSMLTHUN_ORG_ID	Char	8	Null	
RI Constraint	DSCRBDY TSMLTHUN				
RI Constraint	DSCRBDY TSMGEOUN				
RI Constraint	IS1 TSMSTATN				
Index (U)	+--ISPRNG01 (Primary)				
Column	TSMSTATN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMSTATN_ORG_ID	Char	8	Not Null	Asc
	+--				
Index	+--ISPRNG03				
Column	TSMGEOUN_CD	Char	12	Null	Asc
Column	TSMGEOUN_ORG_ID	Char	8	Null	Asc
	+--				
Index	+--ISPRNG02				
Column	TSMLTHUN_CD	Char	12	Null	Asc
Column	TSMLTHUN_ORG_ID	Char	8	Null	Asc
	+--				
Table	+--TSMSTATN				
Column	TSMSTATN_IS_NUMBER	Number	8	Not Null	
Column	TSMSTATN_ORG_ID	Char	8	Not Null	
Column	IDENTIFICATION_CD	Char	15	Not Null	
Column	EPA_KEY_IDENTIFIER	Char	36	Null	

Column	NAME	Varchar2	60	Null	
Column	ESTABLISHMENT_DATE	Date	8	Null	
Column	ZID_RELATION_CODE	Char	2	Null	
Column	INFLUENCE_AREA	Varchar2	120	Null	
Column	DESCRIPTION_TEXT	Varchar2	1999	Null	
Column	TRAVEL_DIR_TXT	Varchar2	254	Null	
Column	WATER_DEPTH	Number	8,3	Null	
Column	WATER_DEPTH_UNIT	Char	2	Null	
Column	ECOREGION_NAME	Varchar2	60	Null	
Column	D_COMPLETE_FLAG	Char	1	Not Null	
Column	D_DELETE_FLAG	Char	1	Not Null	
Column	D_LAST_STN_UPDT_TS	Date	20	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
FK Column	TSMORGAN_IS_NUMBER	Number	8	Null	
FK Column	TSMVSTC_IS_NUMBER	Number	8	Null	
FK Column	TSMVSTC_ORG_ID	Char	8	Null	
RI Constraint	CLSSFDBY TSMVSTC				
RI Constraint	ESTBLBY TSMORGAN				
Index (U)	+-ISTATN01 (Primary)				
Column	TSMSTATN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMSTATN_ORG_ID	Char	8	Not Null	Asc
	+-				
Index	+-ISTATN03				
Column	TSMORGAN_IS_NUMBER	Number	8	Null	Asc
	+-				
Index	+-ISTATN02				
Column	TSMVSTC_IS_NUMBER	Number	8	Null	Asc
Column	TSMVSTC_ORG_ID	Char	8	Null	Asc
	+-				
	+-				
Table	+-TSMTBINF				
Column	NAME	Char	20	Not Null	
Column	TYPE_FLAG	Char	1	Not Null	
Column	COMMIT_INTERVAL	Number	6	Null	
Column	HEIRARCHY_NUMBER	Number	2	Null	
Column	ALTERNATE_IS_NUMBE	Char	25	Null	
Column	ALTERNATE_ORG_ID	Char	25	Null	
Column	STANDARD_TABLE	Char	1	Null	
Index (U)	+-ITBINF01 (Primary)				
Column	NAME	Char	20	Not Null	Asc
	+-				
	+-				
Table	+-TSMUOA				
FK Column	TSMORGAN_IS_NUMBER	Number	8	Not Null	
FK Column	TSMUSER_USERID	Char	8	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	ACCESSTO TSMORGAN				
RI Constraint	PRVACCES TSMUSER				
Index	+-IUOA03				
Column	TSMUSER_USERID	Char	8	Not Null	Asc
	+-				
Index	+-IUOA02				
Column	TSMORGAN_IS_NUMBER	Number	8	Not Null	Asc
	+-				
Index (U)	+-IUOA01 (Primary)				
Column	TSMORGAN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMUSER_USERID	Char	8	Not Null	Asc
	+-				
	+-				
Table	+-TSMUSER				
Column	TSMUSER_USERID	Char	8	Not Null	
Column	FIRST_NAME	Varchar2	30	Not Null	
Column	LAST_NAME	Varchar2	40	Not Null	
Column	ROLE	Char	1	Not Null	
Column	COMMENT_TEXT	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
Index (U)	+-IUSER01 (Primary)				
Column	TSMUSER_USERID	Char	8	Not Null	Asc

	+- +-				
Table	+-TSMVSC				
Column	TSMVSC_IS_NUMBER	Number	8	Not Null	
Column	TSMVSC_ORG_ID	Char	8	Not Null	
Column	NAME	Varchar2	60	Not Null	
Column	DESCRIPTION_TEXT	Varchar2	254	Null	
Column	CONTACT_PRSN_NAME	Varchar2	60	Null	
Column	LOCATION_DESC_TEXT	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSMPROJ_IS_NUMBER	Number	8	Null	
FK Column	TSMPROJ_ORG_ID	Char	8	Null	
RI Constraint	DESIGNAT TSMPROJ				
Index (U)	+-IVSC01 (Primary)				
Column	TSMVSC_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMVSC_ORG_ID	Char	8	Not Null	Asc
	+-				
Index	+-IVSC02				
Column	TSMPROJ_IS_NUMBER	Number	8	Null	Asc
Column	TSMPROJ_ORG_ID	Char	8	Null	Asc
	+-				
Table	+-TSMVSTC				
Column	TSMVSTC_IS_NUMBER	Number	8	Not Null	
Column	TSMVSTC_ORG_ID	Char	8	Not Null	
Column	PRIMARY_TYPE_CD	Varchar2	30	Not Null	
Column	SECONDARY_TYPE_CD	Varchar2	30	Null	
Column	NATURAL_IND_CD	Char	1	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
Index (U)	+-IVSTC01 (Primary)				
Column	TSMVSTC_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMVSTC_ORG_ID	Char	8	Not Null	Asc
	+-				
Table	+-TSMWELL				
Column	TSMWELL_IS_NUMBER	Number	8	Not Null	
Column	TSMWELL_ORG_ID	Char	8	Not Null	
Column	NAME	Char	40	Not Null	
Column	ID_NUMBER	Number	3	Not Null	
Column	USE_CODE	Char	30	Not Null	
Column	PRTCTN_AREA_NAME	Varchar2	40	Null	
Column	DEVELOPMNT_MTHD_CD	Char	20	Null	
Column	CONSTRUCTN_MTHD_CD	Char	20	Null	
Column	WTR_PRIMARY_USE_CD	Char	19	Null	
Column	GRADIENT_TYPE_CODE	Char	13	Null	
Column	DEPTH_CMPLTN_MSR	Number	8,3	Null	
Column	DPHT_CMPLTN_UNT_CD	Char	3	Null	
Column	DEPTH_OF_HOLE_MSR	Number	8,3	Null	
Column	DEPTH_HOLE_UNT_CD	Char	3	Null	
Column	WELL_HEAD_HT_MSR	Number	8,3	Null	
Column	WL_HD_HT_UNIT_CD	Char	3	Null	
Column	CASING_HGT_MSR	Number	8,3	Null	
Column	CASING_HGT_UNIT_CD	Char	3	Null	
Column	DISINFECTED_IND_CD	Char	1	Null	
Column	CONSTRUCTN_STRT_DT	Date	8	Null	
Column	CONSTRUCTN_END_DT	Date	8	Null	
Column	INIT_PUMP_DUR	Number	4,1	Null	
Column	INT_PMP_DUR_UNT_CD	Char	10	Null	
Column	INIT_PUMP_RATE	Number	4	Null	
Column	INT_PMP_RAT_UNT_CD	Char	10	Null	
Column	NATURL_FLOW_IND_CD	Char	1	Null	
Column	STATUS_CODE	Char	9	Not Null	
Column	INIT_BOREHOLE_DIAM	Number	5,2	Null	
Column	INIT_BHOLE_DIAM_UN	Char	3	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDT_TS	Date	20	Not Null	
FK Column	TSMSTATN_IS_NUMBER	Number	8	Null	
FK Column	TSMSTATN_ORG_ID	Char	8	Null	
RI Constraint	ISO TSMSTATN				

Index (U)	+-IWELL01 (Primary)				
Column	TSMWELL_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMWELL_ORG_ID	Char	8	Not Null	Asc
	+-				
Index	+-IWELL02				
Column	TSMSTATN_IS_NUMBER	Number	8	Null	Asc
Column	TSMSTATN_ORG_ID	Char	8	Null	Asc
	+-				
	+-				
Table	+-TSMWLE				
FK Column	TSMWELL_IS_NUMBER	Number	8	Not Null	
FK Column	TSMWELL_ORG_ID	Char	8	Not Null	
Column	TSMWLE_TYPE_NAME	Char	8	Not Null	
Column	NAME	Varchar2	30	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	ISFOR TSMWELL				
Index (U)	+-IWLE01 (Primary)				
Column	TSMWELL_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMWELL_ORG_ID	Char	8	Not Null	Asc
Column	TSMWLE_TYPE_NAME	Char	8	Not Null	Asc
	+-				
	+-				
Table	+-TSRAAL				
FK Column	TSMALP_IS_NUMBER	Number	8	Not Null	
FK Column	TSMALP_ORG_ID	Char	8	Not Null	
FK Column	TSRFDDACT_IS_NUMBER	Number	8	Not Null	
FK Column	TSRFDDACT_ORG_ID	Char	8	Not Null	
Column	TSRAAL_TYPE_NAME	Char	15	Not Null	
Column	BOTTOM_DEPTH_MSR	Number	7,2	Null	
Column	BOTTOM_DEPTH_UN_CD	Char	3	Null	
Column	ADDTNL_LOC_INFO	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	PLACES TSRFDDACT				
RI Constraint	CONDUCTD TSMALP				
Index	+-IAAL02				
Column	TSRFDDACT_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRFDDACT_ORG_ID	Char	8	Not Null	Asc
	+-				
Index (U)	+-IAAL01 (Primary)				
Column	TSMALP_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMALP_ORG_ID	Char	8	Not Null	Asc
Column	TSRFDDACT_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRFDDACT_ORG_ID	Char	8	Not Null	Asc
Column	TSRAAL_TYPE_NAME	Char	15	Not Null	Asc
	+-				
	+-				
Table	+-TSRADL				
Column	TSRADL_IS_NUMBER	Number	8	Not Null	
Column	TSRADL_ORG_ID	Char	8	Not Null	
Column	ID_CODE	Char	8	Not Null	
Column	MEDIUM_TYPE_NAME	Char	20	Not Null	
Column	SERIAL_NUMBER	Char	10	Null	
Column	MODEL	Varchar2	30	Null	
Column	MAKE	Varchar2	30	Null	
Column	INSTALL_DATE	Date	8	Not Null	
Column	INSTALL_TIME	Date	6	Null	
Column	DEPARTURE_DATE	Date	8	Null	
Column	REMOVAL_TIME	Date	6	Null	
Column	COMMENT_TEXT	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSMSTATN_IS_NUMBER	Number	8	Null	
FK Column	TSMSTATN_ORG_ID	Char	8	Null	
RI Constraint	COLLECTS TSMSTATN				
Index (U)	+-IADL01 (Primary)				
Column	TSRADL_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRADL_ORG_ID	Char	8	Not Null	Asc
	+-				
Index	+-IADL02				

Column		TSMSTATN_IS_NUMBER	Number	8	Null	Asc
Column		TSMSTATN_ORG_ID	Char	8	Null	Asc
		+-				
	+-					
Table	+-	TSRANLEQ				
Column		TSRANLEQ_IS_NUMBER	Number	8	Not Null	
Column		TSRANLEQ_ORG_ID	Char	8	Not Null	
Column		TYPE_NAME	Char	32	Not Null	
Column		NAME	Varchar2	60	Not Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDATE_TS	Date	20	Not Null	
Index (U)		+-IANLEQ01 (Primary)				
Column		TSRANLEQ_IS_NUMBER	Number	8	Not Null	Asc
Column		TSRANLEQ_ORG_ID	Char	8	Not Null	Asc
		+-				
	+-					
Table	+-	TSRANLPR				
Column		TSRANLPR_IS_NUMBER	Number	8	Not Null	
Column		TSRANLPR_ORG_ID	Char	8	Not Null	
Column		OWNER_TYPE_CODE	Char	3	Not Null	
Column		PROCEDURE_ID	Char	15	Not Null	
Column		NAME	Varchar2	120	Not Null	
Column		SOURCE_NAME	Char	65	Not Null	
Column		SOURCE_ACR	Char	12	Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column		TSRCITN_IS_NUMBER	Number	8	Null	
FK Column		TSRCITN_ORG_ID	Char	8	Null	
FK Column		TSRANLPR0IS_NUMBER	Number	8	Null	
FK Column		TSRANLPR0ORG_ID	Char	8	Null	
FK Column		TSRANLEQ_IS_NUMBER	Number	8	Null	
FK Column		TSRANLEQ_ORG_ID	Char	8	Null	
RI Constraint		NATMODL TSRANLPR				
RI Constraint		USES TSRANLEQ				
RI Constraint		DSCRBDIN TSRCITN				
Index (U)		+-IANLPR01 (Primary)				
Column		TSRANLPR_IS_NUMBER	Number	8	Not Null	Asc
Column		TSRANLPR_ORG_ID	Char	8	Not Null	Asc
		+-				
Index	+-	IANLPR04				
Column		TSRCITN_IS_NUMBER	Number	8	Null	Asc
Column		TSRCITN_ORG_ID	Char	8	Null	Asc
		+-				
Index	+-	IANLPR03				
Column		TSRANLEQ_IS_NUMBER	Number	8	Null	Asc
Column		TSRANLEQ_ORG_ID	Char	8	Null	Asc
		+-				
Index	+-	IANLPR02				
Column		TSRANLPR0IS_NUMBER	Number	8	Null	Asc
Column		TSRANLPR0ORG_ID	Char	8	Null	Asc
		+-				
Index	+-	IANLPR05				
Column		SOURCE_NAME	Char	65	Not Null	Asc
Column		SOURCE_ACR	Char	12	Null	Asc
		+-				
	+-					
Table	+-	TSRBIOPT				
Column		TSRBIOPT_IS_NUMBER	Number	8	Not Null	
Column		TSRBIOPT_ORG_ID	Char	8	Not Null	
Column		NAME	Char	30	Not Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDT_TS	Date	20	Not Null	
Index (U)		+-IBIOPT01 (Primary)				
Column		TSRBIOPT_IS_NUMBER	Number	8	Not Null	Asc
Column		TSRBIOPT_ORG_ID	Char	8	Not Null	Asc
		+-				
	+-					
Table	+-	TSRBRG				
Column		TSRBRG_IS_NUMBER	Number	8	Not Null	
Column		TSRBRG_ORG_ID	Char	8	Not Null	
Column		ID_CODE	Char	8	Not Null	

Column	TYPE_NAME	Char	32	Not Null	
Column	TYPE_INDICATOR	Char	1	Null	
Column	SEX_NAME	Char	15	Null	
Column	LIFE_STAGE_NAME	Varchar2	25	Null	
Column	VALUE_TYPE_NAME	Char	10	Null	
Column	SUMMARY_GRP_COUNT	Number	5	Null	
Column	DESCRIPTION_TEXT	Varchar2	254	Null	
Column	SPECIES_NUMBER	Char	8	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSRFDACT_IS_NUMBER	Number	8	Null	
FK Column	TSRFDACT_ORG_ID	Char	8	Null	
FK Column	TSRCHAR_IS_NUMBER	Number	8	Null	
FK Column	TSRCHAR_ORG_ID	Char	8	Null	
RI Constraint	RSLTTAXN TSRCHAR				
RI Constraint	ISFOR TSRFDACT				
Index (U)	+-IBRG01 (Primary)				
Column	TSRBRG_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRBRG_ORG_ID	Char	8	Not Null	Asc
+-					
Index	+-IBRG03				
Column	TSRFDACT_IS_NUMBER	Number	8	Null	Asc
Column	TSRFDACT_ORG_ID	Char	8	Null	Asc
+-					
Index	+-IBRG02				
Column	TSRCHAR_IS_NUMBER	Number	8	Null	Asc
Column	TSRCHAR_ORG_ID	Char	8	Null	Asc
+-					
Table	+-TSRBRGI				
Column	TSRBRGI_IS_NUMBER	Number	8	Not Null	
Column	TSRBRGI_ORG_ID	Char	8	Not Null	
Column	INDIVIDUAL_NUMBER	Number	4	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSRBRG_IS_NUMBER	Number	8	Null	
FK Column	TSRBRG_ORG_ID	Char	8	Null	
RI Constraint	ISPARTOF TSRBRG				
Index (U)	+-IBRGI01 (Primary)				
Column	TSRBRGI_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRBRGI_ORG_ID	Char	8	Not Null	Asc
+-					
Index	+-IBRGI02				
Column	TSRBRG_IS_NUMBER	Number	8	Null	Asc
Column	TSRBRG_ORG_ID	Char	8	Null	Asc
+-					
Table	+-TSRCCGA				
Column	TSRCCGA_IS_NUMBER	Number	8	Not Null	
Column	TSRCCGA_ORG_ID	Char	8	Not Null	
Column	SEQUENCE_NUMBER	Number	2	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSRCHAR_IS_NUMBER	Number	8	Null	
FK Column	TSRCHAR_ORG_ID	Char	8	Null	
FK Column	TSRCHGRP_IS_NUMBER	Number	8	Null	
FK Column	TSRCHGRP_ORG_ID	Char	8	Null	
RI Constraint	INCLDCHR TSRCHGRP				
RI Constraint	PLCSCHAR TSRCHAR				
Index (U)	+-ICCGA01 (Primary)				
Column	TSRCCGA_ORG_ID	Char	8	Not Null	Asc
Column	TSRCCGA_IS_NUMBER	Number	8	Not Null	Asc
+-					
Index	+-ICCGA03				
Column	TSRCHAR_ORG_ID	Char	8	Null	Asc
Column	TSRCHAR_IS_NUMBER	Number	8	Null	Asc
+-					
Index	+-ICCGA02				
Column	TSRCHGRP_ORG_ID	Char	8	Null	Asc
Column	TSRCHGRP_IS_NUMBER	Number	8	Null	Asc
+-					

+-					
Table	+-TSRCHALS				
FK Column	TSRCHAR_IS_NUMBER	Number	8	Not Null	
FK Column	TSRCHAR_ORG_ID	Char	8	Not Null	
Column	TSRCHALS_IS_NUMBER	Number	8	Not Null	
Column	TYPE_NAME	Char	30	Not Null	
Column	NAME	Varchar2	60	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	ALT NAMES TSRCHAR				
Index (U)	+-ICHALS01 (Primary)				
Column	TSRCHAR_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRCHALS_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRCHAR_ORG_ID	Char	8	Not Null	Asc
+-					
+-					
Table	+-TSRCHAR				
Column	TSRCHAR_IS_NUMBER	Number	8	Not Null	
Column	TSRCHAR_ORG_ID	Char	8	Not Null	
Column	EXTRNL_SERIAL_NUM	Number	8	Null	
Column	UOM_TYPE	Char	5	Not Null	
Column	SEARCH_NAME	Varchar2	60	Not Null	
Column	DISPLAY_NAME	Varchar2	60	Not Null	
Column	D_SCR_TYPE_CD	Char	4	Not Null	
Column	PROC_REQ_IND_CD	Char	1	Not Null	
Column	VALID_FOR_QC_IND	Char	1	Null	
Column	SAMP_FRAC_REQ_CD	Char	1	Not Null	
Column	CHAR_TYPE_CODE	Char	1	Not Null	
Column	TAXON_RANK_CODE	Char	8	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
Index (U)	+-ICHAR01 (Primary)				
Column	TSRCHAR_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRCHAR_ORG_ID	Char	8	Not Null	Asc
+-					
Index	+-ICHAR90				
Column	SEARCH_NAME	Varchar2	60	Not Null	Asc
Column	TSRCHAR_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRCHAR_ORG_ID	Char	8	Not Null	Asc
+-					
+-					
Table	+-TSRCHDEF				
Column	TSRCHDEF_IS_NUMBER	Number	8	Not Null	
Column	TSRCHDEF_ORG_ID	Char	8	Not Null	
Column	ROW_ID	Char	8	Null	
Column	SMPL_FRAC_TYPE_NM	Char	15	Null	
Column	UOM_NAME	Char	10	Null	
Column	DUR_BASIS_TYPE_NM	Char	10	Null	
Column	STATISTIC_TYPE_NM	Char	18	Null	
Column	VALUE_TYPE_NAME	Char	10	Null	
Column	WT_BASIS_TYPE_NM	Char	12	Null	
Column	TEMP_BASIS_LVL_NM	Char	8	Null	
Column	SPECIES_NUMBER	Char	8	Null	
Column	LOWER_RANGE_VALUE	Number	13,5	Null	
Column	UPPER_RANGE_VALUE	Number	13,5	Null	
Column	TAXON_POLLUTION	Char	4	Null	
Column	FNCTIONAL_FEED_GRP	Char	6	Null	
Column	TROPHIC_LEVEL	Char	4	Null	
Column	COMP_IND_CD	Char	1	Not Null	
Column	PARTICLE_SIZE_BASIS	Char	40	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSRANLPR_IS_NUMBER	Number	8	Null	
FK Column	TSRANLPR_ORG_ID	Char	8	Null	
FK Column	TSRLSPP_IS_NUMBER	Number	8	Null	
FK Column	TSRLSPP_ORG_ID	Char	8	Null	
FK Column	TSRCCGA_IS_NUMBER	Number	8	Null	
FK Column	TSRCCGA_ORG_ID	Char	8	Null	
RI Constraint	DESCRIBES TSRCCGA				
RI Constraint	DESCRDBY TSRLSPP				
RI Constraint	DESCRDBY TSRANLPR				

Index (U)	+--ICHDEF01 (Primary)				
Column	TSRCHDEF_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRCHDEF_ORG_ID	Char	8	Not Null	Asc
	+--				
Index	+--ICHDEF04				
Column	TSRANLPR_IS_NUMBER	Number	8	Null	Asc
Column	TSRANLPR_ORG_ID	Char	8	Null	Asc
	+--				
Index	+--ICHDEF02				
Column	TSRLSPP_IS_NUMBER	Number	8	Null	Asc
Column	TSRLSPP_ORG_ID	Char	8	Null	Asc
	+--				
Index	+--ICHDEF03				
Column	TSRCGGA_IS_NUMBER	Number	8	Null	Asc
Column	TSRCGGA_ORG_ID	Char	8	Null	Asc
	+--				
Table	+--TSRCHGRP				
Column	TSRCHGRP_IS_NUMBER	Number	8	Not Null	
Column	TSRCHGRP_ORG_ID	Char	8	Not Null	
Column	ID_CODE	Char	8	Not Null	
Column	NAME	Varchar2	30	Not Null	
Column	FLD_ACT_TYPE_NM	Char	13	Not Null	
Column	MEDIUM_TYPE_NAME	Char	20	Null	
Column	INTENT_TYPE_NAME	Char	20	Null	
Column	COMMUNITY_NAME	Char	30	Null	
Column	RES_GRP_TYPE_NM	Char	32	Null	
Column	DESCRIPTION_TEXT	Varchar2	254	Null	
Column	HABITAT_ASSESS_IND	Char	1	Not Null	
Column	CHAR_DEFINED_IND	Char	1	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSMORGAN_IS_NUMBER	Number	8	Null	
FK Column	TSRCITN_IS_NUMBER	Number	8	Null	
FK Column	TSRCITN_ORG_ID	Char	8	Null	
RI Constraint	DEFINDIN TSRCITN				
RI Constraint	ESTBCNTL TSMORGAN				
Index (U)	+--ICHGRP01 (Primary)				
Column	TSRCHGRP_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRCHGRP_ORG_ID	Char	8	Not Null	Asc
	+--				
Index	+--ICHGRP02				
Column	TSMORGAN_IS_NUMBER	Number	8	Null	Asc
	+--				
Index	+--ICHGRP03				
Column	TSRCITN_IS_NUMBER	Number	8	Null	Asc
Column	TSRCITN_ORG_ID	Char	8	Null	Asc
	+--				
Table	+--TSRCHTYP				
Column	TSRCHTYP_CATEGORY	Char	12	Not Null	
Column	TSRCHTYP_SUBCATGRY	Varchar2	30	Not Null	
Column	TSRCHTYP_ORG_ID	Char	8	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
Index (U)	+--ICHTYP01 (Primary)				
Column	TSRCHTYP_CATEGORY	Char	12	Not Null	Asc
Column	TSRCHTYP_SUBCATGRY	Varchar2	30	Not Null	Asc
Column	TSRCHTYP_ORG_ID	Char	8	Not Null	Asc
	+--				
Table	+--TSRCITN				
Column	TSRCITN_IS_NUMBER	Number	8	Not Null	
Column	TSRCITN_ORG_ID	Char	8	Not Null	
Column	ORG_TYPE_CODE	Char	3	Not Null	
Column	ORG_REF_ID_NUM	Varchar2	20	Null	
Column	AUTHOR_NAME	Varchar2	120	Not Null	
Column	PUBLICATION_YEAR	Char	4	Not Null	
Column	TITLE_NAME	Varchar2	120	Not Null	
Column	JRNL_OR_PBLSHR_NM	Varchar2	120	Not Null	
Column	VOL_AND_PG_NUM	Varchar2	20	Not Null	



Column	COMMENT_TEXT	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSMORGAN_IS_NUMBER	Number	8	Null	
RI Constraint	ISRFDRBY TSMORGAN				
Index (U)	+--ICITN01 (Primary)				
Column	TSRCITN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRCITN_ORG_ID	Char	8	Not Null	Asc
	+--				
Index	+--ICITN02				
Column	TSMORGAN_IS_NUMBER	Number	8	Null	Asc
	+--				
Table	+--TSRCLDES				
FK Column	TSRRSULT_IS_NUMBER	Number	8	Not Null	
FK Column	TSRRSULT_ORG_ID	Char	8	Not Null	
Column	CELL_TYPE_NM	Char	11	Null	
Column	CELL_SHAPE_TYPE_NM	Char	18	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	CELLFRMS TSRRSULT				
Index (U)	+--ICLDES01 (Primary)				
Column	TSRRSULT_ORG_ID	Char	8	Not Null	Asc
Column	TSRRSULT_IS_NUMBER	Number	8	Not Null	Asc
	+--				
Table	+--TSRCPA				
FK Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	
FK Column	TSMPROJ_ORG_ID	Char	8	Not Null	
FK Column	TSRCITN_IS_NUMBER	Number	8	Not Null	
FK Column	TSRCITN_ORG_ID	Char	8	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	CRRSPNDS TSMPROJ				
RI Constraint	ASSIGNS TSRCITN				
Index	+--ICPA02				
Column	TSRCITN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRCITN_ORG_ID	Char	8	Not Null	Asc
	+--				
Index (U)	+--ICPA01 (Primary)				
Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPROJ_ORG_ID	Char	8	Not Null	Asc
Column	TSRCITN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRCITN_ORG_ID	Char	8	Not Null	Asc
	+--				
Table	+--TSRCPV				
Column	TSRCPV_IS_NUMBER	Number	8	Not Null	
Column	TSRCPV_ORG_ID	Char	8	Not Null	
Column	SHORT_NAME	Char	12	Not Null	
Column	DESCRIPTION_TEXT	Varchar2	60	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSRCHAR_IS_NUMBER	Number	8	Null	
FK Column	TSRCHAR_ORG_ID	Char	8	Null	
RI Constraint	SRVESAS TSRCHAR				
Index (U)	+--ICPV01 (Primary)				
Column	TSRCPV_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRCPV_ORG_ID	Char	8	Not Null	Asc
	+--				
Index	+--ICPV02				
Column	TSRCHAR_IS_NUMBER	Number	8	Null	Asc
Column	TSRCHAR_ORG_ID	Char	8	Null	Asc
	+--				
Table	+--TSRCTCA				
FK Column	TSRCHAR_IS_NUMBER	Number	8	Not Null	
FK Column	TSRCHAR_ORG_ID	Char	8	Not Null	
FK Column	TSRCHTYP_CATEGORY	Char	12	Not Null	
FK Column	TSRCHTYP_SUBCATGRY	Varchar2	30	Not Null	
FK Column	TSRCHTYP_ORG_ID	Char	8	Not Null	

Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	ASSIGNS TSRCHTYP				
RI Constraint	ASSGNDTO TSRCHAR				
Index	+--ICTCA02				
Column	TSRCHTYP_CATEGORY	Char	12	Not Null	Asc
Column	TSRCHTYP_SUBCATGRY	Varchar2	30	Not Null	Asc
Column	TSRCHTYP_ORG_ID	Char	8	Not Null	Asc
	+--				
Index (U)	+--ICTCA01 (Primary)				
Column	TSRCHAR_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRCHAR_ORG_ID	Char	8	Not Null	Asc
Column	TSRCHTYP_CATEGORY	Char	12	Not Null	Asc
Column	TSRCHTYP_SUBCATGRY	Varchar2	30	Not Null	Asc
Column	TSRCHTYP_ORG_ID	Char	8	Not Null	Asc
	+--				
Table	+--TSRDQL				
FK Column	TSRRSULT_IS_NUMBER	Number	8	Not Null	
FK Column	TSRRSULT_ORG_ID	Char	8	Not Null	
Column	MIN_DETECT_LIMIT	Char	12	Null	
Column	MAX_QUANT_LIMIT	Char	12	Null	
Column	MIN_QUANT_LIMIT	Char	12	Null	
Column	DESCRIPTION_TEXT	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSRUOM_IS_NUMBER	Number	8	Null	
FK Column	TSRUOM_ORG_ID	Char	8	Null	
RI Constraint	HAS TSRUOM				
RI Constraint	QUALIFIE TSRRSULT				
Index (U)	+--IDQL01 (Primary)				
Column	TSRRSULT_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRRSULT_ORG_ID	Char	8	Not Null	Asc
	+--				
Index	+--IDQL02				
Column	TSRUOM_IS_NUMBER	Number	8	Null	Asc
Column	TSRUOM_ORG_ID	Char	8	Null	Asc
	+--				
Table	+--TSREOD				
FK Column	TSRFDACT_IS_NUMBER	Number	8	Not Null	
FK Column	TSRFDACT_ORG_ID	Char	8	Not Null	
Column	VOLTAGE_MEASURE	Number	6,3	Not Null	
Column	CURRENT_TYPE_CODE	Char	2	Not Null	
Column	AMPERAGE_MEASURE	Number	6,3	Null	
Column	PASS_COUNT	Number	2	Null	
Column	PASS_LENGTH_MSR	Number	5	Null	
Column	PASS_LENGTH_UN_CD	Char	3	Null	
Column	PULSE_RATE_MSR	Number	3	Null	
Column	COMMENT_TEXT	Varchar2	254	Null	
Column	TOTAL_ENERGZD_TIME	Number	3	Null	
Column	ENERGZD_TIME_UNITS	Char	10	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	DETAILS TSRSMPLE				
Index (U)	+--IEOD01 (Primary)				
Column	TSRFDACT_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRFDACT_ORG_ID	Char	8	Not Null	Asc
	+--				
Table	+--TSRFAFSA				
FK Column	TSRFDACT_IS_NUMBER	Number	8	Not Null	
FK Column	TSRFDACT_ORG_ID	Char	8	Not Null	
FK Column	TSRFDSET_IS_NUMBER	Number	8	Not Null	
FK Column	TSRFDSET_ORG_ID	Char	8	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	<No Name> TSRFDSET				
RI Constraint	<No Name> TSRFDACT				
Index	+--IFAFSA02				
Column	TSRFDSET_IS_NUMBER	Number	8	Not Null	Asc

Column		TSRFDSET_ORG_ID	Char	8	Not Null	Asc
		+-				
Index (U)		+-IFAFA01 (Primary)				
Column		TSRFDACT_IS_NUMBER	Number	8	Not Null	Asc
Column		TSRFDACT_ORG_ID	Char	8	Not Null	Asc
Column		TSRFDSET_IS_NUMBER	Number	8	Not Null	Asc
Column		TSRFDSET_ORG_ID	Char	8	Not Null	Asc
		+-				
		+-				
Table		+-TSRFAPEA				
FK Column		TSRFDACT_IS_NUMBER	Number	8	Not Null	
FK Column		TSRFDACT_ORG_ID	Char	8	Not Null	
FK Column		TSMPSN_IS_NUMBER	Number	8	Not Null	
FK Column		TSMPSN_ORG_ID	Char	8	Not Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint		COLCTDBY TSMPSN				
RI Constraint		COLLECTS TSRFDACT				
Index		+-IFAPEA02				
Column		TSMPSN_ORG_ID	Char	8	Not Null	Asc
Column		TSMPSN_IS_NUMBER	Number	8	Not Null	Asc
		+-				
Index (U)		+-IFAPEA01 (Primary)				
Column		TSRFDACT_IS_NUMBER	Number	8	Not Null	Asc
Column		TSRFDACT_ORG_ID	Char	8	Not Null	Asc
Column		TSMPSN_IS_NUMBER	Number	8	Not Null	Asc
Column		TSMPSN_ORG_ID	Char	8	Not Null	Asc
		+-				
		+-				
Table		+-TSRFAPRA				
FK Column		TSRFDACT_IS_NUMBER	Number	8	Not Null	
FK Column		TSRFDACT_ORG_ID	Char	8	Not Null	
FK Column		TSMPROJ_IS_NUMBER	Number	8	Not Null	
FK Column		TSMPROJ_ORG_ID	Char	8	Not Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint		<No Name> TSMPROJ				
RI Constraint		<No Name> TSRFDACT				
Index		+-IFAPRA02				
Column		TSMPROJ_IS_NUMBER	Number	8	Not Null	Asc
Column		TSMPROJ_ORG_ID	Char	8	Not Null	Asc
		+-				
Index (U)		+-IFAPRA01 (Primary)				
Column		TSRFDACT_IS_NUMBER	Number	8	Not Null	Asc
Column		TSRFDACT_ORG_ID	Char	8	Not Null	Asc
Column		TSMPROJ_IS_NUMBER	Number	8	Not Null	Asc
Column		TSMPROJ_ORG_ID	Char	8	Not Null	Asc
		+-				
		+-				
Table		+-TSRFAQSA				
FK Column		TSRFDACT_IS_NUMBER	Number	8	Not Null	
FK Column		TSRFDACT_ORG_ID	Char	8	Not Null	
FK Column		TSRFQS_IS_NUMBER	Number	8	Not Null	
FK Column		TSRFQS_ORG_ID	Char	8	Not Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint		<No Name> TSRFQS				
RI Constraint		<No Name> TSRFDACT				
Index		+-IFAQSA02				
Column		TSRFQS_IS_NUMBER	Number	8	Not Null	Asc
Column		TSRFQS_ORG_ID	Char	8	Not Null	Asc
		+-				
Index (U)		+-IFAQSA01 (Primary)				
Column		TSRFDACT_IS_NUMBER	Number	8	Not Null	Asc
Column		TSRFDACT_ORG_ID	Char	8	Not Null	Asc
Column		TSRFQS_IS_NUMBER	Number	8	Not Null	Asc
Column		TSRFQS_ORG_ID	Char	8	Not Null	Asc
		+-				
		+-				
Table		+-TSRFDACT				
Column		TSRFDACT_IS_NUMBER	Number	8	Not Null	

Column	TSRFDACT_ORG_ID	Char	8	Not Null	
Column	TYPE_NAME	Char	13	Not Null	
Column	CATEGORY_TYPE_NAME	Char	30	Not Null	
Column	ID_CODE	Char	12	Not Null	
Column	REPLICATE_NUMBER	Number	3	Null	
Column	MEDIUM_TYPE_NAME	Char	20	Null	
Column	INTENT_TYPE_NAME	Char	20	Null	
Column	COMMUNITY_NAME	Char	30	Null	
Column	START_DATE	Date	8	Not Null	
Column	START_TIME	Date	6	Null	
Column	START_TIME_ZONE	Char	3	Null	
Column	STOP_DATE	Date	8	Null	
Column	STOP_TIME	Date	6	Null	
Column	STOP_TIME_ZONE	Char	3	Null	
Column	COMMENT_TEXT	Varchar2	254	Null	
Column	ZONE_TYPE_NAME	Char	15	Null	
Column	RELTV_DEPTH_NAME	Char	15	Null	
Column	DEPTH_REF_POINT	Varchar2	30	Null	
Column	DEPTH_TO_ACTIVITY	Number	7,2	Null	
Column	DEPTH_TO_ACT_UN_CD	Char	3	Null	
Column	UPPER_DEPTH_TO_ACT	Number	7,2	Null	
Column	DEPTH_MSR_UNT_CD	Char	3	Null	
Column	LOWER_DEPTH_TO_ACT	Number	7,2	Null	
Column	THERMOCLINE_LOC_CD	Char	1	Null	
Column	PYCNOCLINE_LOC_CD	Char	1	Null	
Column	HALOCLINE_LOC_CD	Char	1	Null	
Column	SPECIES_NUMBER	Char	8	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSROPPRD_ORG_ID	Char	8	Null	
FK Column	TSROPPRD_IS_NUMBER	Number	8	Null	
FK Column	TSRFDACT0IS_NUMBER	Number	8	Null	
FK Column	TSRFDACT0ORG_ID	Char	8	Null	
FK Column	TSRFDACT1IS_NUMBER	Number	8	Null	
FK Column	TSRFDACT1ORG_ID	Char	8	Null	
FK Column	TSRSTVST_IS_NUMBER	Number	8	Null	
FK Column	TSRSTVST_ORG_ID	Char	8	Null	
FK Column	TSRBIOPT_IS_NUMBER	Number	8	Null	
FK Column	TSRBIOPT_ORG_ID	Char	8	Null	
FK Column	TSRCHAR_IS_NUMBER	Number	8	Null	
FK Column	TSRCHAR_ORG_ID	Char	8	Null	
FK Column	TSRFLDPR_IS_NUMBER	Number	8	Null	
FK Column	TSRFLDPR_ORG_ID	Char	8	Null	
FK Column	TSRFLDGR_IS_NUMBER	Number	8	Null	
FK Column	TSRFLDGR_ORG_ID	Char	8	Null	
FK Column	TSRGRCFG_IS_NUMBER	Number	8	Null	
FK Column	TSRGRCFG_ORG_ID	Char	8	Null	
RI Constraint	FRNSHDBY TSRGRCFG				
RI Constraint	FRNSHDBY TSRFLDGR				
RI Constraint	GATHRDBY TSRFLDPR				
RI Constraint	SUBJTAXN TSRCHAR				
RI Constraint	HASSUBJ TSRBIOPT				
RI Constraint	OCCRS DUR TSRSTVST				
RI Constraint	SPLTFROM TSRFDACT				
RI Constraint	COMPOSIT TSRFDACT				
RI Constraint	OCCRSWITH TSROPPRD				
Index (U)	+-IFDACT01 (Primary)				
Column	TSRFDACT_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRFDACT_ORG_ID	Char	8	Not Null	Asc
	+-				
Index	+-IFDACT10				
Column	TSROPPRD_IS_NUMBER	Number	8	Null	Asc
Column	TSROPPRD_ORG_ID	Char	8	Null	Asc
	+-				
Index	+-IFDACT09				
Column	TSRFDACT0IS_NUMBER	Number	8	Null	Asc
Column	TSRFDACT0ORG_ID	Char	8	Null	Asc
	+-				
Index	+-IFDACT08				
Column	TSRFDACT1IS_NUMBER	Number	8	Null	Asc
Column	TSRFDACT1ORG_ID	Char	8	Null	Asc

+-						
Index	+-IFDACT07					
Column		TSRSTVST_IS_NUMBER	Number	8	Null	Asc
Column		TSRSTVST_ORG_ID	Char	8	Null	Asc
+-						
Index	+-IFDACT06					
Column		TSRBIOPT_IS_NUMBER	Number	8	Null	Asc
Column		TSRBIOPT_ORG_ID	Char	8	Null	Asc
+-						
Index	+-IFDACT05					
Column		TSRCHAR_IS_NUMBER	Number	8	Null	Asc
Column		TSRCHAR_ORG_ID	Char	8	Null	Asc
+-						
Index	+-IFDACT04					
Column		TSRFLDPR_IS_NUMBER	Number	8	Null	Asc
Column		TSRFLDPR_ORG_ID	Char	8	Null	Asc
+-						
Index	+-IFDACT03					
Column		TSRFLDGR_IS_NUMBER	Number	8	Null	Asc
Column		TSRFLDGR_ORG_ID	Char	8	Null	Asc
+-						
Index	+-IFDACT11					
Column		TSRGRCFG_ORG_ID	Char	8	Null	Asc
Column		TSRGRCFG_IS_NUMBER	Number	8	Null	Asc
+-						
Table	+-TSRFDSET					
Column		TSRFDSET_IS_NUMBER	Number	8	Not Null	
Column		TSRFDSET_ORG_ID	Char	8	Not Null	
Column		ID_CODE	Char	10	Not Null	
Column		NAME	Varchar2	30	Not Null	
Column		DESCRIPTION_TEXT	Varchar2	254	Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column		TSRSTVST_IS_NUMBER	Number	8	Null	
FK Column		TSRSTVST_ORG_ID	Char	8	Null	
RI Constraint	DEFINDBY TSRSTVST					
Index (U)	+-IFDSET01 (Primary)					
Column		TSRFDSET_IS_NUMBER	Number	8	Not Null	Asc
Column		TSRFDSET_ORG_ID	Char	8	Not Null	Asc
+-						
Index	+-IFDSET02					
Column		TSRSTVST_IS_NUMBER	Number	8	Null	Asc
Column		TSRSTVST_ORG_ID	Char	8	Null	Asc
+-						
Table	+-TSRFLDGR					
Column		TSRFLDGR_IS_NUMBER	Number	8	Not Null	
Column		TSRFLDGR_ORG_ID	Char	8	Not Null	
Column		ID_CODE	Char	10	Not Null	
Column		TYPE_NAME	Char	25	Not Null	
Column		NAME	Varchar2	60	Not Null	
Column		DESCRIPTION_TEXT	Varchar2	254	Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDATE_TS	Date	20	Not Null	
Index (U)	+-IFLDGR01 (Primary)					
Column		TSRFLDGR_IS_NUMBER	Number	8	Not Null	Asc
Column		TSRFLDGR_ORG_ID	Char	8	Not Null	Asc
+-						
Table	+-TSRFLDPR					
Column		TSRFLDPR_IS_NUMBER	Number	8	Not Null	
Column		TSRFLDPR_ORG_ID	Char	8	Not Null	
Column		ID_CODE	Char	10	Not Null	
Column		NAME	Varchar2	60	Not Null	
Column		FLD_GEAR_TYPE_NAME	Char	25	Not Null	
Column		DESCRIPTION_TEXT	Varchar2	254	Not Null	
Column		D_USERID_CODE	Char	8	Not Null	
Column		D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column		TSMORGAN_IS_NUMBER	Number	8	Null	
FK Column		TSRCITN_IS_NUMBER	Number	8	Null	

FK Column	TSRCITN_ORG_ID	Char	8	Null	
RI Constraint	DEFINDBY TSRCITN				
RI Constraint	DEFINDBY TSMORGAN				
Index (U)	+-IFLDPR01 (Primary)				
Column	TSRLFDP IS_NUMBER	Number	8	Not Null	Asc
Column	TSRLFDP_ORG_ID	Char	8	Not Null	Asc
	+-				
Index	+-IFLDPR03				
Column	TSMORGAN IS_NUMBER	Number	8	Null	Asc
	+-				
Index	+-IFLDPR02				
Column	TSRCITN IS_NUMBER	Number	8	Null	Asc
Column	TSRCITN_ORG_ID	Char	8	Null	Asc
	+-				
Table	+-TSRFQS				
Column	TSRFQS IS_NUMBER	Number	8	Not Null	
Column	TSRFQS_ORG_ID	Char	8	Not Null	
Column	ID_CODE	Char	12	Not Null	
Column	TYPE_NAME	Char	24	Not Null	
Column	NAME	Varchar2	30	Null	
Column	CREATION_DATE	Date	8	Null	
Column	CREATION_TIME	Date	6	Null	
Column	TIME_ZONE	Char	3	Null	
Column	TOTAL_VOLUME_MSR	Number	14,4	Null	
Column	TOTAL_VOLUME_UN_CD	Char	3	Null	
Column	CONTAINER_TYPE_NM	Char	32	Null	
Column	CONTAINER_COLOR	Char	10	Null	
Column	CONTAINER_SIZE_MSR	Number	6,2	Null	
Column	CONTAINER_SIZE_UN	Char	3	Null	
Column	COMMENT_TEXT	Varchar2	254	Null	
Column	CREATION_METHOD	Varchar2	254	Null	
Column	TRANSPORT_STORAGE	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSRTRIP IS_NUMBER	Number	8	Null	
FK Column	TSRTRIP_ORG_ID	Char	8	Null	
RI Constraint	CREATDFR TSRTRIP				
Index (U)	+-IFQS01 (Primary)				
Column	TSRFQS IS_NUMBER	Number	8	Not Null	Asc
Column	TSRFQS_ORG_ID	Char	8	Not Null	Asc
	+-				
Index	+-IFQS02				
Column	TSRTRIP IS_NUMBER	Number	8	Null	Asc
Column	TSRTRIP_ORG_ID	Char	8	Null	Asc
	+-				
Table	+-TSRFQSDP				
Column	TSRFQSDP IS_NUMBER	Number	8	Not Null	
Column	TSRFQSDP_ORG_ID	Char	8	Not Null	
Column	ID_CODE	Char	10	Not Null	
Column	TYPE_NAME	Char	24	Not Null	
Column	NAME	Varchar2	30	Not Null	
Column	CONTAINER_TYPE_NM	Char	32	Null	
Column	CONTAINER_COLOR	Char	10	Null	
Column	CONTAINER_SIZE_MSR	Number	6,2	Null	
Column	CONTAINER_SIZE_UN	Char	3	Null	
Column	COMMENT_TEXT	Varchar2	254	Null	
Column	CREATION_METHOD	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSMORGAN IS_NUMBER	Number	8	Null	
RI Constraint	OWNEDBY TSMORGAN				
Index (U)	+-IFQSDP01 (Primary)				
Column	TSRFQSDP IS_NUMBER	Number	8	Not Null	Asc
Column	TSRFQSDP_ORG_ID	Char	8	Not Null	Asc
	+-				
Index	+-IFQSDP02				
Column	TSMORGAN IS_NUMBER	Number	8	Null	Asc
	+-				
	+-				

Table	+-TSRFQSPA					
FK Column	TSRFQS_IS_NUMBER	Number	8	Not Null		
FK Column	TSRFQS_ORG_ID	Char	8	Not Null		
FK Column	TSPERSN_IS_NUMBER	Number	8	Not Null		
FK Column	TSPERSN_ORG_ID	Char	8	Not Null		
Column	D_USERID_CODE	Char	8	Not Null		
Column	D_LAST_UPDATE_TS	Date	20	Not Null		
RI Constraint	ISFOR TSPERSN					
RI Constraint	ISFOR TSRFQS					
Index	+-IFQSPA02					
Column	TSPERSN_IS_NUMBER	Number	8	Not Null	Asc	
Column	TSPERSN_ORG_ID	Char	8	Not Null	Asc	
+-						
Index (U)	+-IFQSPA01 (Primary)					
Column	TSRFQS_IS_NUMBER	Number	8	Not Null	Asc	
Column	TSRFQS_ORG_ID	Char	8	Not Null	Asc	
Column	TSPERSN_IS_NUMBER	Number	8	Not Null	Asc	
Column	TSPERSN_ORG_ID	Char	8	Not Null	Asc	
+-						
Table	+-TSRGRCFG					
Column	TSRGRCFG_IS_NUMBER	Number	8	Not Null		
Column	TSRGRCFG_ORG_ID	Char	8	Not Null		
Column	ID_CODE	Char	10	Not Null		
Column	NAME	Varchar2	30	Not Null		
Column	D_USERID_CODE	Char	8	Not Null		
Column	D_LAST_UPDATE_TS	Date	20	Not Null		
FK Column	TSMORGAN_IS_NUMBER	Number	8	Null		
FK Column	TSRFLDGR_IS_NUMBER	Number	8	Null		
FK Column	TSRFLDGR_ORG_ID	Char	8	Null		
RI Constraint	DESCRIBES TSRFLDGR					
RI Constraint	ISDFNDBY TSMORGAN					
Index (U)	+-IGRCFG01 (Primary)					
Column	TSRGRCFG_IS_NUMBER	Number	8	Not Null	Asc	
Column	TSRGRCFG_ORG_ID	Char	8	Not Null	Asc	
+-						
Index	+-IGRCFG02					
Column	TSMORGAN_IS_NUMBER	Number	8	Null	Asc	
+-						
Index	+-IGRCFG03					
Column	TSRFLDGR_IS_NUMBER	Number	8	Null	Asc	
Column	TSRFLDGR_ORG_ID	Char	8	Null	Asc	
+-						
Table	+-TSRHCSC					
Column	TSRHCSC_IS_NUMBER	Number	8	Not Null		
Column	TSRHCSC_ORG_ID	Char	8	Not Null		
Column	ROW_ID	Char	8	Null		
Column	CHARACTERSTC_NAME	Varchar2	30	Not Null		
Column	DESCRIPTION_TEXT	Varchar2	254	Null		
Column	D_USERID_CODE	Char	8	Not Null		
Column	D_LAST_UPDATE_TS	Date	20	Not Null		
FK Column	TSRCHGRP_IS_NUMBER	Number	8	Null		
FK Column	TSRCHGRP_ORG_ID	Char	8	Null		
RI Constraint	EVALUATE TSRCHGRP					
Index (U)	+-IHCSC01 (Primary)					
Column	TSRHCSC_IS_NUMBER	Number	8	Not Null	Asc	
Column	TSRHCSC_ORG_ID	Char	8	Not Null	Asc	
+-						
Index	+-IHCSC03					
Column	TSRCHGRP_IS_NUMBER	Number	8	Null	Asc	
Column	TSRCHGRP_ORG_ID	Char	8	Null	Asc	
+-						
Table	+-TSRLAB					
Column	TSRLAB_IS_NUMBER	Number	8	Not Null		
Column	TSRLAB_ORG_ID	Char	8	Not Null		
Column	NAME	Varchar2	60	Not Null		
Column	ID_CODE	Char	8	Not Null		
Column	D_USERID_CODE	Char	8	Not Null		
Column	D_LAST_UPDATE_TS	Date	20	Not Null		

FK Column	TSMORGAN_IS_NUMBER	Number	8	Null	
RI Constraint	IDNTFDBY TSMORGAN				
Index (U)	+ - ILAB01 (Primary)				
Column	TSQLAB_IS_NUMBER	Number	8	Not Null	Asc
Column	TSQLAB_ORG_ID	Char	8	Not Null	Asc
	+ -				
Index	+ - ILAB02				
Column	TSMORGAN_IS_NUMBER	Number	8	Null	Asc
	+ -				
Table	+ - TSQLBRMK				
Column	TSQLBRMK_IS_NUMBER	Number	8	Not Null	
Column	TSQLBRMK_ORG_ID	Char	8	Not Null	
Column	SHORT_NAME	Char	6	Not Null	
Column	DESCRIPTION_TEXT	Varchar2	60	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
Index (U)	+ - ILBRMK01 (Primary)				
Column	TSQLBRMK_IS_NUMBER	Number	8	Not Null	Asc
Column	TSQLBRMK_ORG_ID	Char	8	Not Null	Asc
	+ -				
Table	+ - TSQLSPP				
Column	TSQLSPP_IS_NUMBER	Number	8	Not Null	
Column	TSQLSPP_ORG_ID	Char	8	Not Null	
Column	OWNER_TYPE_CODE	Char	3	Not Null	
Column	PREPARATION_ID	Char	15	Not Null	
Column	NAME	Varchar2	120	Not Null	
Column	SOURCE_NAME	Varchar2	65	Not Null	
Column	SOURCE_ACR	Char	12	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSRCITN_IS_NUMBER	Number	8	Null	
FK Column	TSRCITN_ORG_ID	Char	8	Null	
RI Constraint	DSCRBDY TSRCITN				
Index (U)	+ - ILSPP01 (Primary)				
Column	TSQLSPP_IS_NUMBER	Number	8	Not Null	Asc
Column	TSQLSPP_ORG_ID	Char	8	Not Null	Asc
	+ -				
Index	+ - ILSPP02				
Column	TSRCITN_IS_NUMBER	Number	8	Null	Asc
Column	TSRCITN_ORG_ID	Char	8	Null	Asc
	+ -				
Table	+ - TSQLAPA				
FK Column	TSMORGAN_IS_NUMBER	Number	8	Not Null	
FK Column	TSQLANLPR_IS_NUMBER	Number	8	Not Null	
FK Column	TSQLANLPR_ORG_ID	Char	8	Not Null	
Column	TYPE_CODE	Char	2	Not Null	
Column	SUSPEND_INDICATOR	Char	1	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	ASSGNDTO TSMORGAN				
RI Constraint	ASSIGNS TSQLANLPR				
Index	+ - IOAPA02				
Column	TSQLANLPR_IS_NUMBER	Number	8	Not Null	Asc
Column	TSQLANLPR_ORG_ID	Char	8	Not Null	Asc
	+ -				
Index (U)	+ - IOAPA01 (Primary)				
Column	TSMORGAN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSQLANLPR_IS_NUMBER	Number	8	Not Null	Asc
Column	TSQLANLPR_ORG_ID	Char	8	Not Null	Asc
	+ -				
Table	+ - TSQLAPCA				
FK Column	TSQLCHAR_IS_NUMBER	Number	8	Not Null	
FK Column	TSQLCHAR_ORG_ID	Char	8	Not Null	
FK Column	TSMORGAN_IS_NUMBER	Number	8	Not Null	
FK Column	TSQLANLPR_IS_NUMBER	Number	8	Not Null	
FK Column	TSQLANLPR_ORG_ID	Char	8	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	



Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	ACPTDFOR TSROAPA				
RI Constraint	ACCEPTS TSRCHAR				
Index	+--IOAPCA02				
Column	TSMORGAN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRANLPR_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRANLPR_ORG_ID	Char	8	Not Null	Asc
	+--				
Index (U)	+--IOAPCA01 (Primary)				
Column	TSRCHAR_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRCHAR_ORG_ID	Char	8	Not Null	Asc
Column	TSMORGAN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRANLPR_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRANLPR_ORG_ID	Char	8	Not Null	Asc
	+--				
Table	+--TSROLSPA				
FK Column	TSMORGAN_IS_NUMBER	Number	8	Not Null	
FK Column	TSRLSPP_IS_NUMBER	Number	8	Not Null	
FK Column	TSRLSPP_ORG_ID	Char	8	Not Null	
Column	TYPE_CODE	Char	2	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	ASSGNDTO TSMORGAN				
RI Constraint	ASSIGNS TSRLSPP				
Index	+--IOLSPA02				
Column	TSRLSPP_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRLSPP_ORG_ID	Char	8	Not Null	Asc
	+--				
Index (U)	+--IOLSPA01 (Primary)				
Column	TSMORGAN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRLSPP_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRLSPP_ORG_ID	Char	8	Not Null	Asc
	+--				
Table	+--TSROPPRD				
Column	TSROPPRD_IS_NUMBER	Number	8	Not Null	
Column	TSROPPRD_ORG_ID	Char	8	Not Null	
Column	LOG_FILE_NAME	Char	12	Not Null	
Column	INTERVAL_HOURS	Number	5	Null	
Column	INTERVAL_MINUTES	Number	2	Null	
Column	INTERVAL_SECONDS	Number	2	Null	
Column	START_DATE	Date	8	Not Null	
Column	START_TIME	Date	6	Not Null	
Column	STOP_DATE	Date	8	Not Null	
Column	STOP_TIME	Date	6	Not Null	
Column	COMMENT_TEXT	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSRADL_IS_NUMBER	Number	8	Null	
FK Column	TSRADL_ORG_ID	Char	8	Null	
RI Constraint	MONTRDBY TSRADL				
Index (U)	+--IOPPRD01 (Primary)				
Column	TSROPPRD_ORG_ID	Char	8	Not Null	Asc
Column	TSROPPRD_IS_NUMBER	Number	8	Not Null	Asc
	+--				
Index	+--IOPPRD02				
Column	TSRADL_ORG_ID	Char	8	Null	Asc
Column	TSRADL_IS_NUMBER	Number	8	Null	Asc
	+--				
Table	+--TSRPOPA				
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSROPPRD_ORG_ID	Char	8	Not Null	
FK Column	TSROPPRD_IS_NUMBER	Number	8	Not Null	
FK Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	
FK Column	TSMPROJ_ORG_ID	Char	8	Not Null	
RI Constraint	LINKOPPD TSMPROJ				
RI Constraint	LINKPROJ TSROPPRD				
Index	+--IPOPA02				

Column	TSROPprd_ORG_ID	Char	8	Not Null	Asc
Column	TSROPprd_IS_NUMBER	Number	8	Not Null	Asc
+-					
Index	+-IPOPA03				
Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPROJ_ORG_ID	Char	8	Not Null	Asc
+-					
Index (U)	+-IPOPA01 (Primary)				
Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPROJ_ORG_ID	Char	8	Not Null	Asc
Column	TSROPprd_ORG_ID	Char	8	Not Null	Asc
Column	TSROPprd_IS_NUMBER	Number	8	Not Null	Asc
+-					
Table	+-TSRRCI				
FK Column	TSRRSULT_IS_NUMBER	Number	8	Not Null	
FK Column	TSRRSULT_ORG_ID	Char	8	Not Null	
Column	LOWER_BND_AMT	Number	7,2	Null	
Column	UPPER_BND_AMT	Number	7,2	Null	
Column	PRIM_CLASS_DESC	Char	12	Null	
Column	SEC_CLASS_DESC	Char	12	Null	
Column	PARTICLE_SIZE_BASIS	Char	40	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSRUOM_IS_NUMBER	Number	8	Null	
FK Column	TSRUOM_ORG_ID	Char	8	Null	
RI Constraint	MEASRDBY TSRUOM				
RI Constraint	INCLUDES TSRRSULT				
Index (U)	+-IRRCI01 (Primary)				
Column	TSRRSULT_ORG_ID	Char	8	Not Null	Asc
Column	TSRRSULT_IS_NUMBER	Number	8	Not Null	Asc
+-					
Index	+-IRRCI02				
Column	TSRUOM_ORG_ID	Char	8	Null	Asc
Column	TSRUOM_IS_NUMBER	Number	8	Null	Asc
+-					
Table	+-TSRRLRA				
FK Column	TSRRSULT_IS_NUMBER	Number	8	Not Null	
FK Column	TSRRSULT_ORG_ID	Char	8	Not Null	
FK Column	TSRLBRMK_IS_NUMBER	Number	8	Not Null	
FK Column	TSRLBRMK_ORG_ID	Char	8	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	QUALIFIE TSRRSULT				
RI Constraint	QUALRSLT TSRLBRMK				
Index	+-IRLRA02				
Column	TSRLBRMK_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRLBRMK_ORG_ID	Char	8	Not Null	Asc
+-					
Index (U)	+-IRLRA01 (Primary)				
Column	TSRRSULT_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRRSULT_ORG_ID	Char	8	Not Null	Asc
Column	TSRLBRMK_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRLBRMK_ORG_ID	Char	8	Not Null	Asc
+-					
Table	+-TSRRQCAF				
Column	TSRRQCAF_IS_NUMBER	Number	8	Not Null	
Column	TSRRQCAF_ORG_ID	Char	8	Not Null	
Column	TYPE_NAME	Char	24	Not Null	
Column	VALUE_TEXT	Char	12	Not Null	
Column	DESCRIPTION_TEXT	Varchar2	60	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSRRSULT_IS_NUMBER	Number	8	Null	
FK Column	TSRRSULT_ORG_ID	Char	8	Null	
FK Column	TSRUOM_IS_NUMBER	Number	8	Null	
FK Column	TSRUOM_ORG_ID	Char	8	Null	
RI Constraint	<No Name> TSRUOM				
RI Constraint	<No Name> TSRRSULT				

Index (U)	+--IRQCAF01	(Primary)			
Column	TSRRQCAF_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRRQCAF_ORG_ID	Char	8	Not Null	Asc
	+--				
Index	+--IRQCAF03				
Column	TSRRSULT_IS_NUMBER	Number	8	Null	Asc
Column	TSRRSULT_ORG_ID	Char	8	Null	Asc
	+--				
Index	+--IRQCAF02				
Column	TSRUOM_IS_NUMBER	Number	8	Null	Asc
Column	TSRUOM_ORG_ID	Char	8	Null	Asc
	+--				
Table	+--TSRRSULT				
Column	TSRRSULT_IS_NUMBER	Number	8	Not Null	
Column	TSRRSULT_ORG_ID	Char	8	Not Null	
Column	D_ASSND_SEQ_NUM	Number	3	Not Null	
Column	COMP_IND_CD	Char	1	Not Null	
Column	LAB_CERT_IND_CODE	Char	1	Null	
Column	VALUE_TEXT	Char	15	Null	
Column	VALUE_MEASURE	Number	13,5	Null	
Column	VALUE_STATUS	Char	1	Not Null	
Column	PRECISION_AMT_TEXT	Char	12	Null	
Column	LAB_BATCH_ID_CODE	Char	12	Null	
Column	DILUTION_IND_CODE	Char	1	Null	
Column	RECOVERY_IND_CODE	Char	1	Null	
Column	CORRECTION_IND_CD	Char	1	Null	
Column	RSLT_TXT_IND_CD	Char	1	Null	
Column	CELL_DESC_IND_CD	Char	1	Null	
Column	CONF_LVL_PCT_MSR	Char	8	Null	
Column	PROC_EXCPTN_IND_CD	Char	1	Null	
Column	DUR_BASIS_TYPE_NM	Char	10	Null	
Column	DETECT_COND_CD	Char	30	Null	
Column	SMPL_FRAC_TYPE_NM	Char	15	Null	
Column	STATISTIC_TYPE_NM	Char	18	Null	
Column	VALUE_TYPE_NAME	Char	10	Null	
Column	WT_BASIS_TYPE_NM	Char	12	Null	
Column	TEMP_BASIS_LVL_NM	Char	8	Null	
Column	SPECIES_NUMBER	Char	8	Null	
Column	REF_PT_FROM_NAME	Varchar2	20	Null	
Column	REF_PT_TO_NAME	Varchar2	20	Null	
Column	LOWER_RANGE_VALUE	Number	13,5	Null	
Column	UPPER_RANGE_VALUE	Number	13,5	Null	
Column	TAXON_POLLUTION	Char	4	Null	
Column	FNCTIONAL_FEED_GRP	Char	6	Null	
Column	TROPHIC_LEVEL	Char	4	Null	
Column	ANALYSIS_DATE	Date	8	Null	
Column	ANALYSIS_TIME	Date	6	Null	
Column	ANALYSIS_TIME_ZONE	Char	3	Null	
Column	REPL_ANALYSIS_NUM	Number	2	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSRFDACT_IS_NUMBER	Number	8	Null	
FK Column	TSRFDACT_ORG_ID	Char	8	Null	
FK Column	TSRFQS_IS_NUMBER	Number	8	Null	
FK Column	TSRFQS_ORG_ID	Char	8	Null	
FK Column	TSRANLPR_IS_NUMBER	Number	8	Null	
FK Column	TSRANLPR_ORG_ID	Char	8	Null	
FK Column	TSRBRGI_IS_NUMBER	Number	8	Null	
FK Column	TSRBRGI_ORG_ID	Char	8	Null	
FK Column	TSRBRG_IS_NUMBER	Number	8	Null	
FK Column	TSRBRG_ORG_ID	Char	8	Null	
FK Column	TSRCHAR_IS_NUMBER	Number	8	Null	
FK Column	TSRCHAR_ORG_ID	Char	8	Null	
FK Column	TSRCHAR0IS_NUMBER	Number	8	Null	
FK Column	TSRCHAR0ORG_ID	Char	8	Null	
FK Column	TSRLAB_IS_NUMBER	Number	8	Null	
FK Column	TSRLAB_ORG_ID	Char	8	Null	
FK Column	TSRUOM_IS_NUMBER	Number	8	Null	
FK Column	TSRUOM_ORG_ID	Char	8	Null	
FK Column	TSRLSPP_IS_NUMBER	Number	8	Null	

FK Column	TSRLSPP_ORG_ID	Char	8	Null	
FK Column	TSRHCSC_IS_NUMBER	Number	8	Null	
FK Column	TSRHCSC_ORG_ID	Char	8	Null	
RI Constraint	ISFOR TSRHCSC				
RI Constraint	ISMADEBY TSRLSPP				
RI Constraint	DSCRBDY TSRUOM				
RI Constraint	PRODCDIN TSRLAB				
RI Constraint	SECNQUAL TSRCHAR				
RI Constraint	QUALIFIE TSRCHAR				
RI Constraint	CNTANDIN TSRBRG				
RI Constraint	DESCRIBE TSRBRGI				
RI Constraint	CREATED TSRLANLPR				
RI Constraint	ISFOR TSRLFQS				
RI Constraint	YIELDED TSRLFDACT				
Index (U)	+-IRSULT01 (Primary)				
Column	TSRRSULT_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRRSULT_ORG_ID	Char	8	Not Null	Asc
+-					
Index	+-IRSULT11				
Column	TSRLFDACT_IS_NUMBER	Number	8	Null	Asc
Column	TSRLFDACT_ORG_ID	Char	8	Null	Asc
+-					
Index	+-IRSULT10				
Column	TSRLFQS_IS_NUMBER	Number	8	Null	Asc
Column	TSRLFQS_ORG_ID	Char	8	Null	Asc
+-					
Index	+-IRSULT09				
Column	TSRLANLPR_IS_NUMBER	Number	8	Null	Asc
Column	TSRLANLPR_ORG_ID	Char	8	Null	Asc
+-					
Index	+-IRSULT08				
Column	TSRBRGI_IS_NUMBER	Number	8	Null	Asc
Column	TSRBRGI_ORG_ID	Char	8	Null	Asc
+-					
Index	+-IRSULT07				
Column	TSRBRG_IS_NUMBER	Number	8	Null	Asc
Column	TSRBRG_ORG_ID	Char	8	Null	Asc
+-					
Index	+-IRSULT06				
Column	TSRCHAR_IS_NUMBER	Number	8	Null	Asc
Column	TSRCHAR_ORG_ID	Char	8	Null	Asc
+-					
Index	+-IRSULT05				
Column	TSRCHAR0IS_NUMBER	Number	8	Null	Asc
Column	TSRCHAR0ORG_ID	Char	8	Null	Asc
+-					
Index	+-IRSULT04				
Column	TSRLAB_IS_NUMBER	Number	8	Null	Asc
Column	TSRLAB_ORG_ID	Char	8	Null	Asc
+-					
Index	+-IRSULT03				
Column	TSRUOM_IS_NUMBER	Number	8	Null	Asc
Column	TSRUOM_ORG_ID	Char	8	Null	Asc
+-					
Index	+-IRSULT02				
Column	TSRLSPP_IS_NUMBER	Number	8	Null	Asc
Column	TSRLSPP_ORG_ID	Char	8	Null	Asc
+-					
Index	+-IRSULT12				
Column	TSRHCSC_ORG_ID	Char	8	Null	Asc
Column	TSRHCSC_IS_NUMBER	Number	8	Null	Asc
+-					
Table	+-TSRSDP				
Column	TSRSDP_IS_NUMBER	Number	8	Not Null	
Column	TSRSDP_ORG_ID	Char	8	Not Null	
Column	ID_CODE	Char	10	Not Null	
Column	NAME	Varchar2	30	Not Null	
Column	CONTAINER_TYPE_NM	Char	32	Null	
Column	CONTAINER_COLOR	Char	10	Null	
Column	CONTAINER_SIZE_MSR	Number	6,2	Null	

Column	CONTAINER_SIZE_UN	Char	3	Null	
Column	TEMP_PRESRV_TYPE	Char	25	Null	
Column	PRESRV_STRGE_PRCDR	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSMORGAN_IS_NUMBER	Number	8	Null	
RI Constraint	OWNEDBY TSMORGAN				
Index (U)	+ -ISDP01 (Primary)				
Column	TSRS DP_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRS DP_ORG_ID	Char	8	Not Null	Asc
	+ -				
Index	+ -ISDP02				
Column	TSMORGAN_IS_NUMBER	Number	8	Null	Asc
	+ -				
Table	+ -TSRSMPL				
FK Column	TSRFD ACT_IS_NUMBER	Number	8	Not Null	
FK Column	TSRFD ACT_ORG_ID	Char	8	Not Null	
Column	TOTAL_VOLUME_MSR	Number	7,2	Null	
Column	TOTAL_VOLUME_UN_CD	Char	3	Null	
Column	TOTAL_WEIGHT_MSR	Number	7,2	Null	
Column	TOTAL_WEIGHT_UN_CD	Char	3	Null	
Column	DATA_FILE_NAME_LOC	Varchar2	60	Null	
Column	CONTAINER_TYPE_NM	Char	32	Null	
Column	CONTAINER_COLOR	Char	10	Null	
Column	CONTAINER_SIZE_MSR	Number	6,2	Null	
Column	CONTAINER_SIZE_UN	Char	3	Null	
Column	TEMP_PRESRVN_TYPE	Char	25	Null	
Column	PARENT_IND_CODE	Char	1	Null	
Column	GEAR_DEPLOYMENT	Varchar2	254	Null	
Column	TRANSPORT_STORAGE	Varchar2	254	Null	
Column	PRESRV_STRGE_PRCDR	Varchar2	254	Null	
Column	DURATION_TIME	Number	3	Null	
Column	DURATION_UNITS	Char	10	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	ISPARTOF TSRFD ACT				
Index (U)	+ -ISMPLE01 (Primary)				
Column	TSRFD ACT_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRFD ACT_ORG_ID	Char	8	Not Null	Asc
	+ -				
Table	+ -TSRSTVST				
Column	TSRSTVST_IS_NUMBER	Number	8	Not Null	
Column	TSRSTVST_ORG_ID	Char	8	Not Null	
Column	ID_NUMBER	Char	3	Not Null	
Column	ARRIVAL_DATE	Date	8	Not Null	
Column	ARRIVAL_TIME	Date	6	Null	
Column	ARRIVAL_TIME_ZONE	Char	3	Null	
Column	DEPARTURE_DATE	Date	8	Null	
Column	DEPARTURE_TIME	Date	6	Null	
Column	DEPRTURE_TIME_ZONE	Char	3	Null	
Column	COMMENT_TEXT	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSRTRIP_IS_NUMBER	Number	8	Null	
FK Column	TSRTRIP_ORG_ID	Char	8	Null	
FK Column	TSMSTATN_IS_NUMBER	Number	8	Null	
FK Column	TSMSTATN_ORG_ID	Char	8	Null	
RI Constraint	ISFOR TSRTSA				
Index (U)	+ -ISTVST01 (Primary)				
Column	TSRSTVST_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRSTVST_ORG_ID	Char	8	Not Null	Asc
	+ -				
Index	+ -ISTVST02				
Column	TSRTRIP_IS_NUMBER	Number	8	Null	Asc
Column	TSRTRIP_ORG_ID	Char	8	Null	Asc
Column	TSMSTATN_IS_NUMBER	Number	8	Null	Asc
Column	TSMSTATN_ORG_ID	Char	8	Null	Asc
	+ -				
	+ -				

Table	+-TSRTNOD				
FK Column	TSRFDACT_IS_NUMBER	Number	8	Not Null	
FK Column	TSRFDACT_ORG_ID	Char	8	Not Null	
Column	SMPLNG_DURATN_MSR	Number	4,2	Not Null	
Column	SMPLNG_DRTN_UNT_CD	Char	10	Not Null	
Column	ORIENTN_TO_CURRENT	Char	15	Null	
Column	REL_CURRENT_DIR	Number	3	Null	
Column	REL_WIND_DIR	Number	3	Null	
Column	COMMENT_TEXT	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	PRVDETL TSRSMPLE				
Index (U)	+-ITNOD01 (Primary)				
Column	TSRFDACT_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRFDACT_ORG_ID	Char	8	Not Null	Asc
+-					
Table	+-TSRTOD				
FK Column	TSRFDACT_IS_NUMBER	Number	8	Not Null	
FK Column	TSRFDACT_ORG_ID	Char	8	Not Null	
Column	FISHED_DURATN_MSR	Number	4,2	Not Null	
Column	FISHED_DURTN_UNT_CD	Char	10	Not Null	
Column	BOAT_SPEED_MSR	Number	3,1	Null	
Column	BOAT_SPEED_UN_CD	Char	10	Null	
Column	FISHED_DISTANCE	Number	5,2	Null	
Column	FISHED_DISTANCE_UN	Char	3	Null	
Column	REL_CURRENT_DIR	Number	3	Null	
Column	REL_WIND_DIR	Number	3	Null	
Column	COMMENT_TEXT	Varchar2	254	Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	PRVDETL TSRSMPLE				
Index (U)	+-ITOD01 (Primary)				
Column	TSRFDACT_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRFDACT_ORG_ID	Char	8	Not Null	Asc
+-					
Table	+-TSRTPA				
FK Column	TSRTRIP_IS_NUMBER	Number	8	Not Null	
FK Column	TSRTRIP_ORG_ID	Char	8	Not Null	
FK Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	
FK Column	TSMPROJ_ORG_ID	Char	8	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	ISFOR TSRTRIP				
RI Constraint	ISFOR TSMPROJ				
Index	+-ITPA02				
Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPROJ_ORG_ID	Char	8	Not Null	Asc
+-					
Index (U)	+-ITPA01 (Primary)				
Column	TSRTRIP_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRTRIP_ORG_ID	Char	8	Not Null	Asc
Column	TSMPROJ_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMPROJ_ORG_ID	Char	8	Not Null	Asc
+-					
Table	+-TSRTRIP				
Column	TSRTRIP_IS_NUMBER	Number	8	Not Null	
Column	TSRTRIP_ORG_ID	Char	8	Not Null	
Column	ID_CODE	Char	15	Not Null	
Column	NAME	Varchar2	60	Null	
Column	START_DATE	Date	8	Not Null	
Column	START_TIME	Date	6	Null	
Column	START_TIME_ZONE	Char	3	Null	
Column	END_DATE	Date	8	Null	
Column	END_TIME	Date	6	Null	
Column	END_TIME_ZONE	Char	3	Null	
Column	LEADER_NAME	Varchar2	30	Null	
Column	VEHICLE_SHIP_NAME	Varchar2	30	Null	
Column	TRIP_PLAN_TEXT	Varchar2	254	Null	

Column	COMMENT_TEXT	Varchar2	254	Null	
Column	SINGLE_PROJ_IND	Char	1	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
FK Column	TSMORGAN_IS_NUMBER	Number	8	Null	
RI Constraint	SPNSRDBY TSMORGAN				
Index (U)	+ -ITRIP01 (Primary)				
Column	TSRTRIP_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRTRIP_ORG_ID	Char	8	Not Null	Asc
	+ -				
Index	+ -ITRIP02				
Column	TSMORGAN_IS_NUMBER	Number	8	Null	Asc
	+ -				
	+ -				
Table	+ -TSRTSA				
FK Column	TSRTRIP_IS_NUMBER	Number	8	Not Null	
FK Column	TSRTRIP_ORG_ID	Char	8	Not Null	
FK Column	TSMSTATN_IS_NUMBER	Number	8	Not Null	
FK Column	TSMSTATN_ORG_ID	Char	8	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
RI Constraint	ISFOR TSRTRIP				
RI Constraint	ISFOR TSMSTATN				
Index	+ -ITSA02				
Column	TSMSTATN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMSTATN_ORG_ID	Char	8	Not Null	Asc
	+ -				
Index (U)	+ -ITSA01 (Primary)				
Column	TSRTRIP_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRTRIP_ORG_ID	Char	8	Not Null	Asc
Column	TSMSTATN_IS_NUMBER	Number	8	Not Null	Asc
Column	TSMSTATN_ORG_ID	Char	8	Not Null	Asc
	+ -				
	+ -				
Table	+ -TSRUOM				
Column	TSRUOM_IS_NUMBER	Number	8	Not Null	
Column	TSRUOM_ORG_ID	Char	8	Not Null	
Column	UOM_TYPE	Char	5	Not Null	
Column	SHORT_FORM_NAME	Char	10	Not Null	
Column	DESCRIPTION_TEXT	Varchar2	50	Not Null	
Column	D_USERID_CODE	Char	8	Not Null	
Column	D_LAST_UPDATE_TS	Date	20	Not Null	
Index (U)	+ -IUOM01 (Primary)				
Column	TSRUOM_IS_NUMBER	Number	8	Not Null	Asc
Column	TSRUOM_ORG_ID	Char	8	Not Null	Asc
	+ -				
	+ -				