

MRI

AFIID: VARCHAR2(5)
MAPRID: VARCHAR2(8)

MAPCODE: VARCHAR2(4)
MTCCODE: VARCHAR2(4)
MCCCODE: VARCHAR2(1)
MAPSCALE: NUMBER(4)
LLNORTH: NUMBER(8)
LLEAST: NUMBER(8)
URNORTH: NUMBER(8)
UREAST: NUMBER(8)
BMDESIG: VARCHAR2(20)
BMNORTH: NUMBER(10,2)
BMEAST: NUMBER(10,2)
BMELEV: NUMBER(7,2)
MAPDESC: VARCHAR2(240)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

ZLX

LOCID: VARCHAR2(15)
AFIID: VARCHAR2(5)
ZONEID: VARCHAR2(10)

UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

GSI

AFIID: VARCHAR2(5)
SITEID: NUMBER(3)

SITEXREF: VARCHAR2(10)
SITENAME: VARCHAR2(35)
WIMS_ID: VARCHAR2(5)
SPMCODE: VARCHAR2(2)
LLNORTH: NUMBER(8)
LLEAST: NUMBER(8)
URNORTH: NUMBER(8)
UREAST: NUMBER(8)
CRDTYPE: VARCHAR2(3)
CRDMETH: VARCHAR2(5)
CRDUN: NUMBER(6,3)
CRDUNITS: VARCHAR2(10)
SURFAREA: NUMBER(7,2)
MAPRID: VARCHAR2(8)
STCCODE: VARCHAR2(2)
STSCODE: VARCHAR2(2)
OSITEID: VARCHAR2(5)
NPLDATE: DATE
NPLDELIST: DATE
STACODE: VARCHAR2(5)
STADATE: DATE
CLSCODE: VARCHAR2(4)
HRS: NUMBER(5)
HRSMODEL: VARCHAR2(5)
STPZONE: VARCHAR2(5)
STPPROJ: VARCHAR2(5)
UTMZONE: VARCHAR2(5)
RRSCORE: NUMBER(3)
RRMODEL: VARCHAR2(5)
SITEDESC: VARCHAR2(240)
UPUSER: VARCHAR2(12)

SITEALIAS

AFIID: VARCHAR2(5)
SITEID: NUMBER(3)
ALTNAME: VARCHAR2(35)

ALIASDATE: DATE
SITADESC: VARCHAR2(240)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

LOCALIAS

LOCID: VARCHAR2(15)
AFIID: VARCHAR2(5)
ALTNAME: VARCHAR2(35)

ALIASDATE: DATE
LOCADESC: VARCHAR2(240)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

SCC

AFIID: VARCHAR2(5)
GROUPCODE: VARCHAR2(10)
SITEID: NUMBER(3)

UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

SOX

AFIID: VARCHAR2(5)
SITEID: NUMBER(3)
OUCODE: VARCHAR2(3)

UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

OU

AFIID: VARCHAR2(5)
OUCODE: VARCHAR2(3)

OUNAME: VARCHAR2(35)
OUDESC: VARCHAR2(240)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)

ZDI

AFIID: VARCHAR2(5)
 ZONEID: VARCHAR2(10)

ZNAME: VARCHAR2(35)
 ZONEDESC: VARCHAR2(240)
 UPUSER: VARCHAR2(12)
 UPTIME: DATE
 UPDESC: VARCHAR2(2)
 MODUSER: VARCHAR2(12)
 MODTIME: DATE

LDI

AFIID: VARCHAR2(5)
 LOCID: VARCHAR2(15)

LTCCODE: VARCHAR2(2)
 LPRCODE: VARCHAR2(1)
 NCOORD: NUMBER(10,2)
 ECOORD: NUMBER(10,2)
 CRDTYPE: VARCHAR2(3)
 CRDMETH: VARCHAR2(5)
 CRDUNITS: VARCHAR2(10)
 CRDUN: NUMBER(6,3)
 ESTDATE: DATE
 ESCCODE: VARCHAR2(4)
 DRLCODE: VARCHAR2(4)
 EXCCODE: VARCHAR2(4)
 CMCCODE: VARCHAR2(2)
 ELEV: NUMBER(7,2)
 ELEVMETH: VARCHAR2(5)
 ELEVUNITS: VARCHAR2(10)
 ELEVUN: NUMBER(6,3)
 ELFLAG: VARCHAR2(1)
 DEPTH: NUMBER(7,2)
 BHDIAM: NUMBER(4,2)
 BHANGLE: NUMBER(5,2)
 BHAZIM: NUMBER(6,2)
 DATUM: VARCHAR2(12)
 STPZONE: VARCHAR2(5)
 STPPROJ: VARCHAR2(5)
 UTMZONE: VARCHAR2(5)
 GEOLOG: VARCHAR2(35)
 MAPID: NUMBER(6)
 MSLINK: NUMBER(6)
 FCODE: VARCHAR2(12)
 LOCDESC: VARCHAR2(240)
 UPUSER: VARCHAR2(12)
 UPTIME: DATE
 UPDESC: VARCHAR2(2)
 MODUSER: VARCHAR2(12)
 MODTIME: DATE

SLX

LOCID: VARCHAR2(15)
 AFIID: VARCHAR2(5)
 SITEID: NUMBER(3)

GFCCODE: VARCHAR2(1)
 SPCODE: VARCHAR2(1)
 UPUSER: VARCHAR2(12)
 UPTIME: DATE
 UPDESC: VARCHAR2(2)
 MODUSER: VARCHAR2(12)
 MODTIME: DATE

AFI

AFIID: VARCHAR2(5)
 AFINAME: VARCHAR2(30)
 AFCID: VARCHAR2(5)
 BCFLAG: VARCHAR2(1)
 NPLDATE: DATE
 NPLDELIST: DATE
 EPAID: VARCHAR2(12)
 EPAREGN: NUMBER(2)
 QUAD: VARCHAR2(1)
 COORDBAS: VARCHAR2(25)
 NADJ: NUMBER(10,2)
 EADJ: NUMBER(10,2)
 STECODE: VARCHAR2(2)
 COUNTY: VARCHAR2(20)
 CONTRACTOR_OK: VARCHAR2(1)
 UPUSER: VARCHAR2(12)
 UPTIME: DATE
 UPDESC: VARCHAR2(2)
 MODUSER: VARCHAR2(12)
 MODTIME: DATE

STU

AFIID: VARCHAR2(5)
 ST_UNIT: VARCHAR2(20)
 STRATORDER: NUMBER(3)
 GRPNAME: VARCHAR2(20)
 FORMATION: VARCHAR2(20)
 MBRNAME: VARCHAR2(20)
 BEDNAME: VARCHAR2(20)
 SUDESC: VARCHAR2(240)
 UPUSER: VARCHAR2(12)
 UPTIME: DATE
 UPDESC: VARCHAR2(2)
 MODUSER: VARCHAR2(12)
 MODTIME: DATE

HSU

AFIID: VARCHAR2(5)
 HS_UNIT: VARCHAR2(20)
 HSTYPE: VARCHAR2(2)
 HSDESC: VARCHAR2(20)
 UPUSER: VARCHAR2(12)
 UPTIME: DATE
 UPDESC: VARCHAR2(2)
 MODUSER: VARCHAR2(12)
 MODTIME: DATE

LTD

LOCID: VARCHAR2(15)
 AFIID: VARCHAR2(5)
 BEGDEPTH: NUMBER(7,2)
 ENDDEPTH: NUMBER(7,2)
 CONTRACTSEQ: NUMBER
 LOGDATE: DATE
 LOGCODE: VARCHAR2(4)
 LITHCODE: VARCHAR2(4)
 ASTMCODE: VARCHAR2(4)
 HS_UNIT: VARCHAR2(25)
 ST_UNIT: VARCHAR2(20)
 VISDESC: VARCHAR2(240)
 UPUSER: VARCHAR2(12)
 UPTIME: DATE
 UPDESC: VARCHAR2(2)
 MODUSER: VARCHAR2(12)
 MODTIME: DATE

CON

CO
 CO
 DO
 PRI
 CTY
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ACI

AFCID: VARCHAR2(5)
AFCNAME: VARCHAR2(30)
CMDDESC: VARCHAR2(240)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

SAMPLES

SAMPLESEQ: NUMBER
AFIID: VARCHAR2(5)
CONTRACTSEQ: NUMBER
LOCID: VARCHAR2(15)
LOGDATE: DATE
MATRIX: VARCHAR2(2)
SBD: NUMBER(7,2)
SED: NUMBER(7,2)
SACODE: VARCHAR2(2)
SAMPNO: NUMBER(2)
LOGCODE: VARCHAR2(4)
SMCODE: VARCHAR2(2)
WETCODE: VARCHAR2(5)
FLDSAMPID: VARCHAR2(30)
COCID: VARCHAR2(12)
COOLER: VARCHAR2(2)
ABLOT: VARCHAR2(8)
EBLOT: VARCHAR2(8)
TBLOT: VARCHAR2(8)
SAPROG: VARCHAR2(3)
REMARKS: VARCHAR2(240)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

FQC

SAMP
CON
AFIID
LOGE
MATF
SACC
SAMP
LOGC
SMC
FLDS
COOL
COCI
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UPDE
MOD
MOD

5)
R2(25)

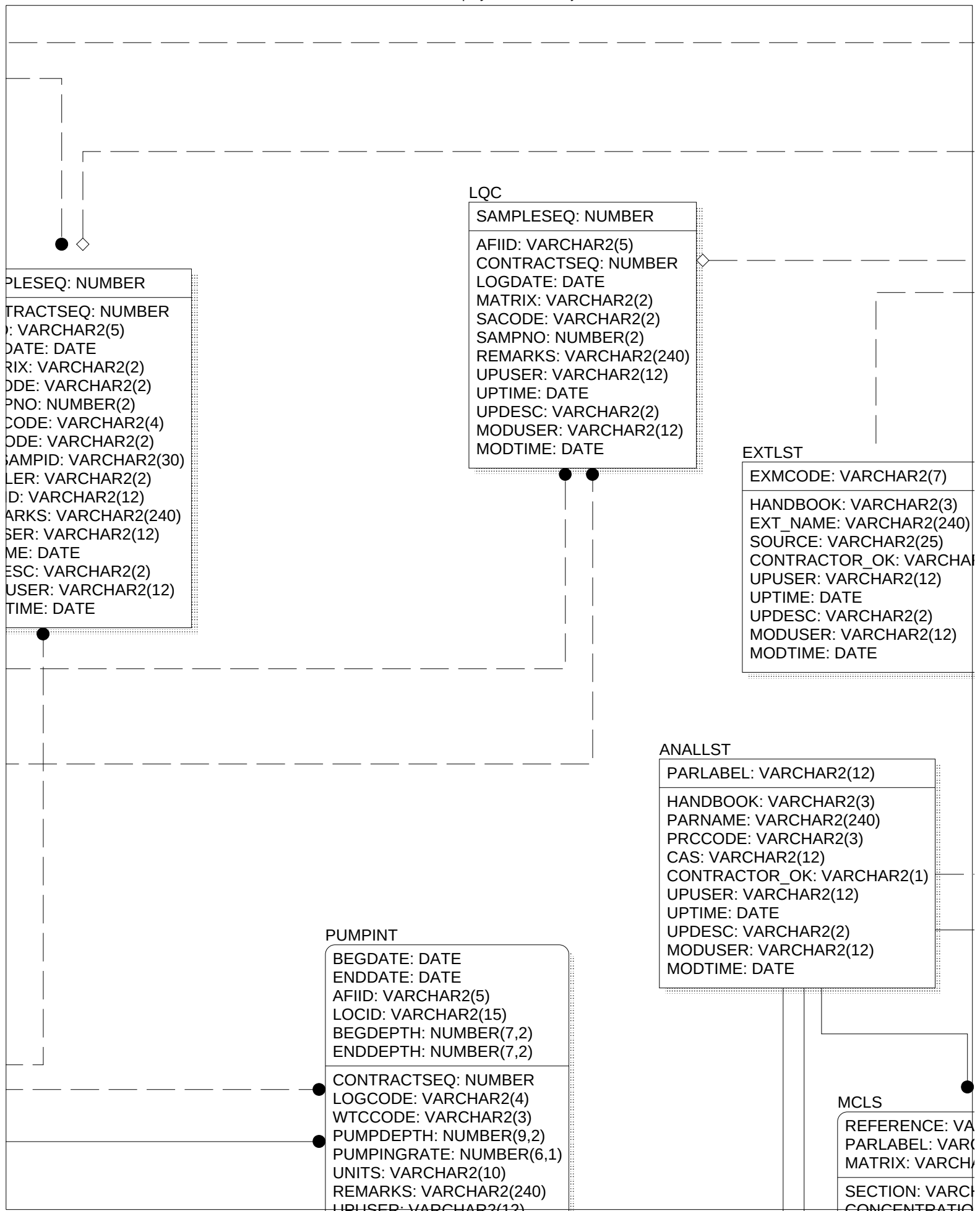
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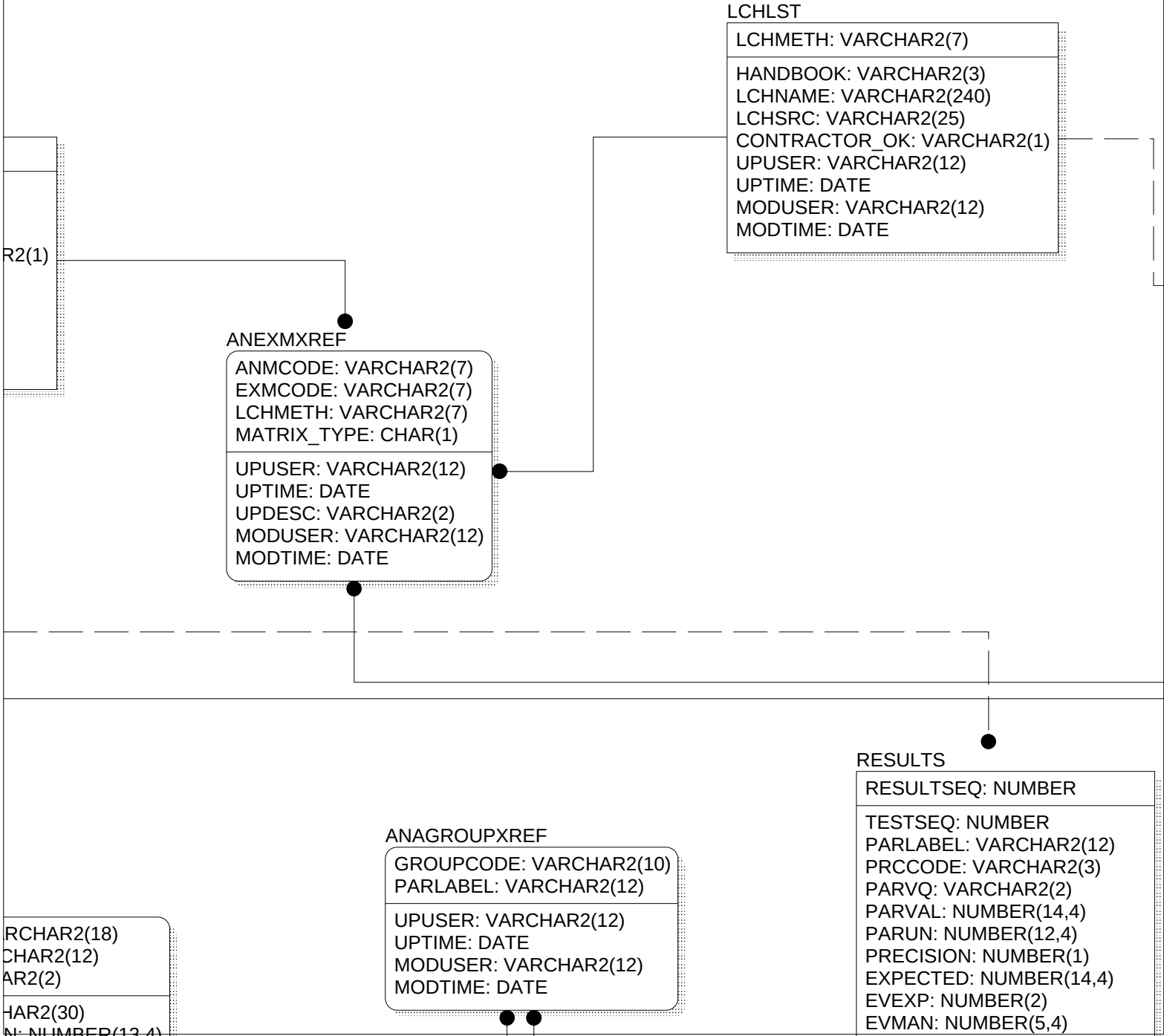
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TRACT

TRACTSEQ: NUMBER
TRACT_ID: VARCHAR2(16)
_ID: VARCHAR2(4)
JECT_ID: VARCHAR2(20)
YPE: VARCHAR2(5)
ENCY: VARCHAR2(5)
USER: VARCHAR2(12)
TIME: DATE
DUSER: VARCHAR2(12)
DTIME: DATE

CALC





Air Force Center for Excellence Technical Management System

Date: 23 Sep 99

TESTS

TESTSEQ: NUMBER

SAMPLESEQ: NUMBER

LABCODE: VARCHAR2(4)

ANMCODE: VARCHAR2(7)

EXMCODE: VARCHAR2(7)

RUN_NUMBER: NUMBER(2)

LABSAMPID: VARCHAR2(12)

LABRECDATE: DATE

LABRECTEMP: NUMBER(3,1)

LABRECUNITS: VARCHAR2(10)

EXTDATE: DATE

LCHDATE: DATE

LCHMETH: VARCHAR2(7)

LCHLOT: VARCHAR2(10)

ANADATE: DATE

ANALOT: VARCHAR2(10)

LABLOTCTL: VARCHAR2(10)

LABLOT_SEQ: NUMBER

CALREFID: VARCHAR2(10)

RTTYPE: VARCHAR2(5)

BASIS: VARCHAR2(1)

UPUSER: VARCHAR2(12)

UPTIME: DATE

UPDESC: VARCHAR2(2)

MODUSER: VARCHAR2(12)

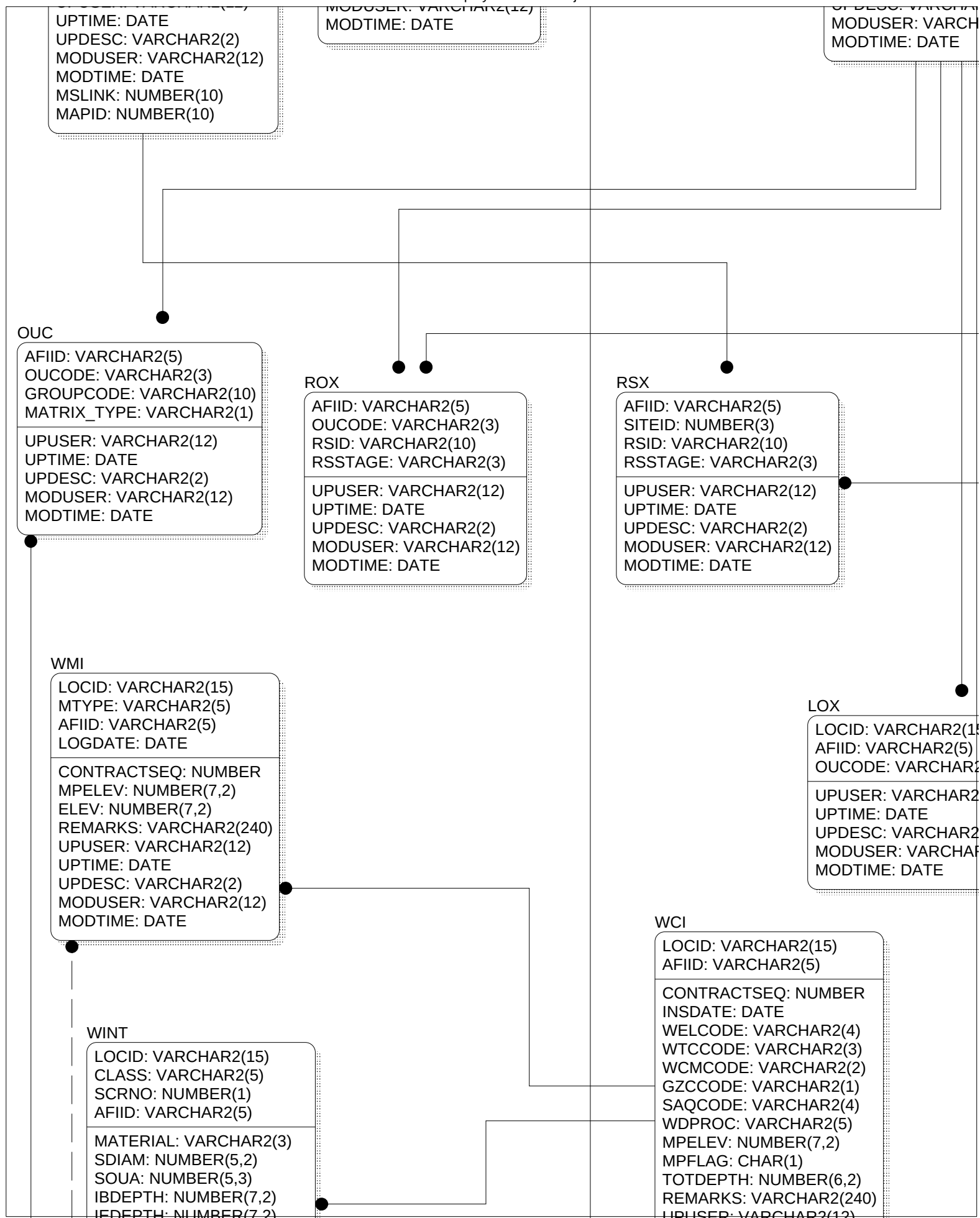
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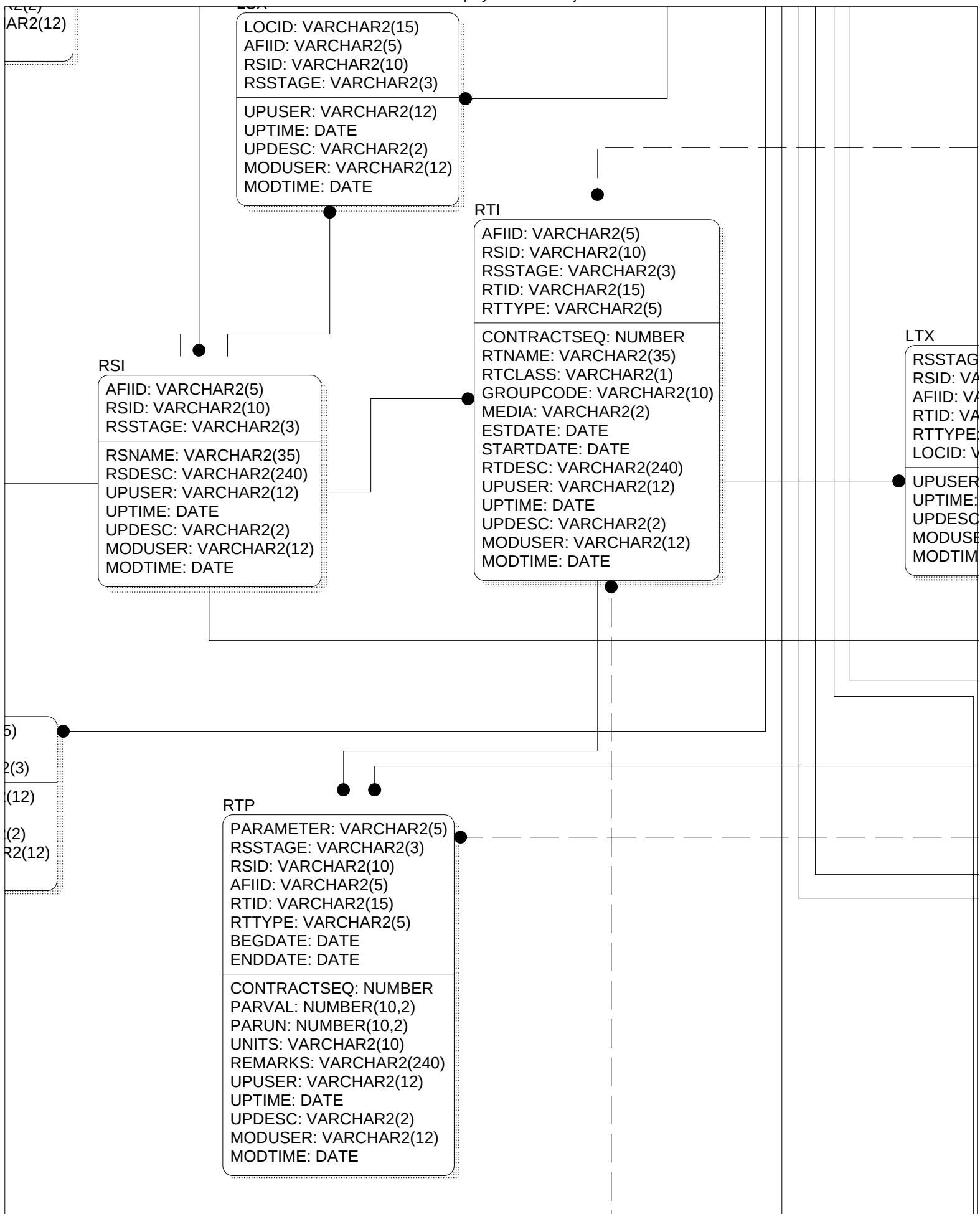
Environmental al Information m Data Structure

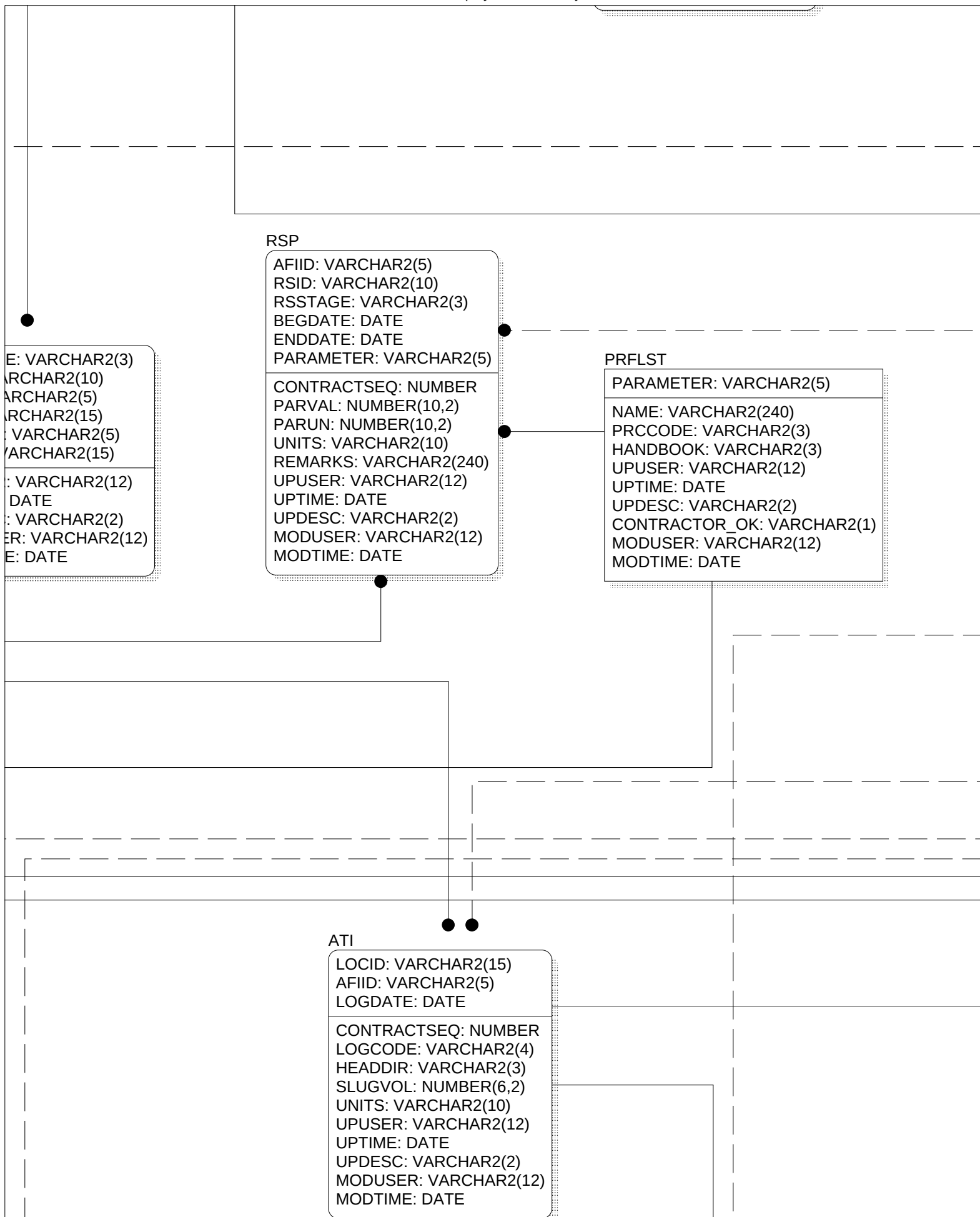
VALIDVALUES

TYPE: VARCHAR2(4)
CODE: VARCHAR2(12)

HANDBOOK: VARCHAR2(3)
CONTRACTOR_OK: VARCHAR2(1)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
NAME: VARCHAR2(120)
MODUSER: VARCHAR2(12)
MODTIME: DATE







AFIID: VARCHAR2(5)
CALCMETH: VARCHAR2(5)
CALCPARCODE: VARCHAR2(5)
TESTMETH: VARCHAR2(5)
LOCID: VARCHAR2(15)
LOGDATE: DATE

CONTRACTSEQ: NUMBER
LOGCODE: VARCHAR2(4)
PARVAL: NUMBER(11,6)
UNITS: VARCHAR2(10)
WELLDIST: NUMBER(6,2)
WTDEPTH: NUMBER(7,2)
AQTHICK: NUMBER(7,2)
AQBASEDEPTH: NUMBER(7,2)
SUPPDATA: VARCHAR2(3)
REMARKS: VARCHAR2(240)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

EMI

MATRIX: VARCHAR2(2)
SBD: NUMBER(7,2)
SED: NUMBER(7,2)
ANADATE: DATE
ANATYPE: VARCHAR2(5)
AFIID: VARCHAR2(5)
LOCID: VARCHAR2(15)
LOGDATE: DATE

UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

CONCENTRATION
UNITS: VARCHAR2(10)
UPTIME: DATE
UPUSER: VARCHAR2(12)
CVFCODE: VARCHAR2(1)

PUMPRATE

LOCID: VARCHAR2(15)
AFIID: VARCHAR2(5)
LOGDATE: DATE
STARTDATE: DATE
ENDDATE: DATE
PUMPRATE: NUMBER(7,2)
UNITS: VARCHAR2(10)
REMARKS: VARCHAR2(240)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

UTMCON

UTMTO: VARCHAR2(10)
UTMFROM: VARCHAR2(10)
CNVFACT: NUMBER
SCLFACT: NUMBER
UPUSER: VARCHAR2(12)
UPTIME: DATE
CVFCODE: VARCHAR2(1)
MODUSER: VARCHAR2(12)
MODTIME: DATE

NUMBER(14,4)
R2(10)

AR2(12)
CHAR2(1)

EVPREC: NUMBER(1)
MDL: NUMBER(14,4)
RL: NUMBER(14,4)
UNITS: VARCHAR2(10)
VQ_1C: VARCHAR2(2)
VAL_1C: NUMBER(14,4)
FCVALEXP: NUMBER(2)
FCVALMAN: NUMBER(5,4)
FCVALPREC: NUMBER(1)
VQ_CONFIRM: VARCHAR2(2)
VAL_CONFIRM: NUMBER(14,4)
CNFVALEXP: NUMBER(2)
CNFVALMAN: NUMBER(5,4)
CNFVALPREC: NUMBER(1)
DILUTION: NUMBER(8)
DILEXP: NUMBER(2)
DILMAN: NUMBER(5,4)
DILPREC: NUMBER(1)
UNCVALEXP: NUMBER(2)
UNCVALMAN: NUMBER(5,4)
CRVALEXP: NUMBER(2)
CRVALMAN: NUMBER(5,4)
DQTYPE: VARCHAR2(2)
EPA_FLAGS: VARCHAR2(6)
QAPPFLAGS: VARCHAR2(2)
SPECHAND: VARCHAR2(8)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

CEV

RESULTSEQ: NUMBER
CH_ANATYPE: VARCHAR2(13)
SACODE: VARCHAR2(2)

ANAVAL: NUMBER(14,4)
EVAL: VARCHAR2(2)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)

HEV

TESTSE
HT_ANA

ANAVAL
EVAL: V
UPUSER
UPTIME:

QC_CRITERIA

ANMCODE: VARCHAR2(7)
PARLABEL: VARCHAR2(12)
MATRIX_TYPE: VARCHAR2(1)
SURROGATE: VARCHAR2(1)
ACCURACY_LOWER: NUMBER(6)
ACCURACY_UPPER: NUMBER(6)
PRECISION: NUMBER(3)
RPD: NUMBER(5,2)
RSD: NUMBER(5,2)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

METHLST

ANMCODE: VARCHAR2(7)
HANDBOOK: VARCHAR2(3)
METHOD_NAME: VARCHAR2(25)
SOURCE: VARCHAR2(25)
CONTRACTOR_OK: VARCHAR2(1)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

Q: NUMBER
TYPE: VARCHAR2(3)
: NUMBER(14,4)
ARCHAR2(2)
: VARCHAR2(12)
DATE

ANMAXREF

ANMCODE: VARCHAR2(7)

VALIDTYPES

TYPE: VARCHAR2(4)
LENGTH: NUMBER(3)
NAME: VARCHAR2(120)
HANDBOOK: VARCHAR2(3)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

QC_REQUIRED

ANMCODE: VARCHAR2(7)
MATRIX_TYPE: VARCHAR2(1)
FD: NUMBER(2)
FR: NUMBER(2)
MS: NUMBER(2)
SD: NUMBER(2)
RM: NUMBER(2)
KD: NUMBER(2)
AB: NUMBER(2)
EB: NUMBER(2)
TB: NUMBER(2)
LB: NUMBER(2)
BS: NUMBER(2)
BD: NUMBER(2)
SS: NUMBER(2)
REQTYPE: VARCHAR2(5)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

LLI

LABLOT_SEQ: NUMBER
LABCODE: VARCHAR2(4)
LABSAMPID: VARCHAR2(12)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)

PCTOPEN: NUMBER(5,2)
 REMARKS: VARCHAR2(240)
 UPUSER: VARCHAR2(12)
 UPTIME: DATE
 UPDESC: VARCHAR2(2)
 MODUSER: VARCHAR2(12)
 MODTIME: DATE

UPUSER: VARCHAR2(12)
 UPTIME: DATE
 UPDESC: VARCHAR2(2)
 MODUSER: VARCHAR2(12)
 MODTIME: DATE

ANALYTE_GROUPS

GROUPCODE: VARCHAR2(10)
 GROUPNAME: VARCHAR2(50)
 GROUPDESC: VARCHAR2(240)
 UPUSER: VARCHAR2(12)
 UPTIME: DATE
 MODUSER: VARCHAR2(12)
 MODTIME: DATE

TOW

LOCID: VARCHAR2(15)
AFIID: VARCHAR2(5)
STARTDATE: DATE
STARTTIME: VARCHAR2(4)
ENDTIME: VARCHAR2(4)
OBS_LOCATION: VARCHAR2(15)
MEASDATE: DATE

TRC_CONC: NUMBER(7,2)
TRCUNITS: VARCHAR2(10)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

TRI

LOCID: VA
AFIID: VAF
STARTDAT
STARTTIM
ENDTIME:

CONTRAC
TRC_CON
TRCUNITS
TRCTYPE:
TRCVOL: N
TRCVOLU
REMARKS
UPUSER: N
UPTIME: D
UPDESC: N
MODUSER
MODTIME:

CHAR2(15)
CHAR2(5)
TE: DATE
E: VARCHAR2(4)
VARCHAR2(4)
TSEQ: NUMBER
C: NUMBER(7,2)
S: VARCHAR2(10)
VARCHAR2(5)
NUMBER(7,2)
NITS: VARCHAR2(10)
S: VARCHAR2(240)
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VARCHAR2(2)
S: VARCHAR2(12)
DATE

OWL

LOCID: VARCHAR2(15)
AFIID: VARCHAR2(5)
OBS_LOCATION: VARCHAR2(15)
LOGDATE: DATE
MEASDATE: DATE

DEPWAT: NUMBER(9,2)
FTCODE: VARCHAR2(1)
WTCCODE: VARCHAR2(3)
REMARKS: VARCHAR2(240)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

TWI

LOCID: VARCHAR2(15)
AFIID: VARCHAR2(5)
LOGDATE: DATE

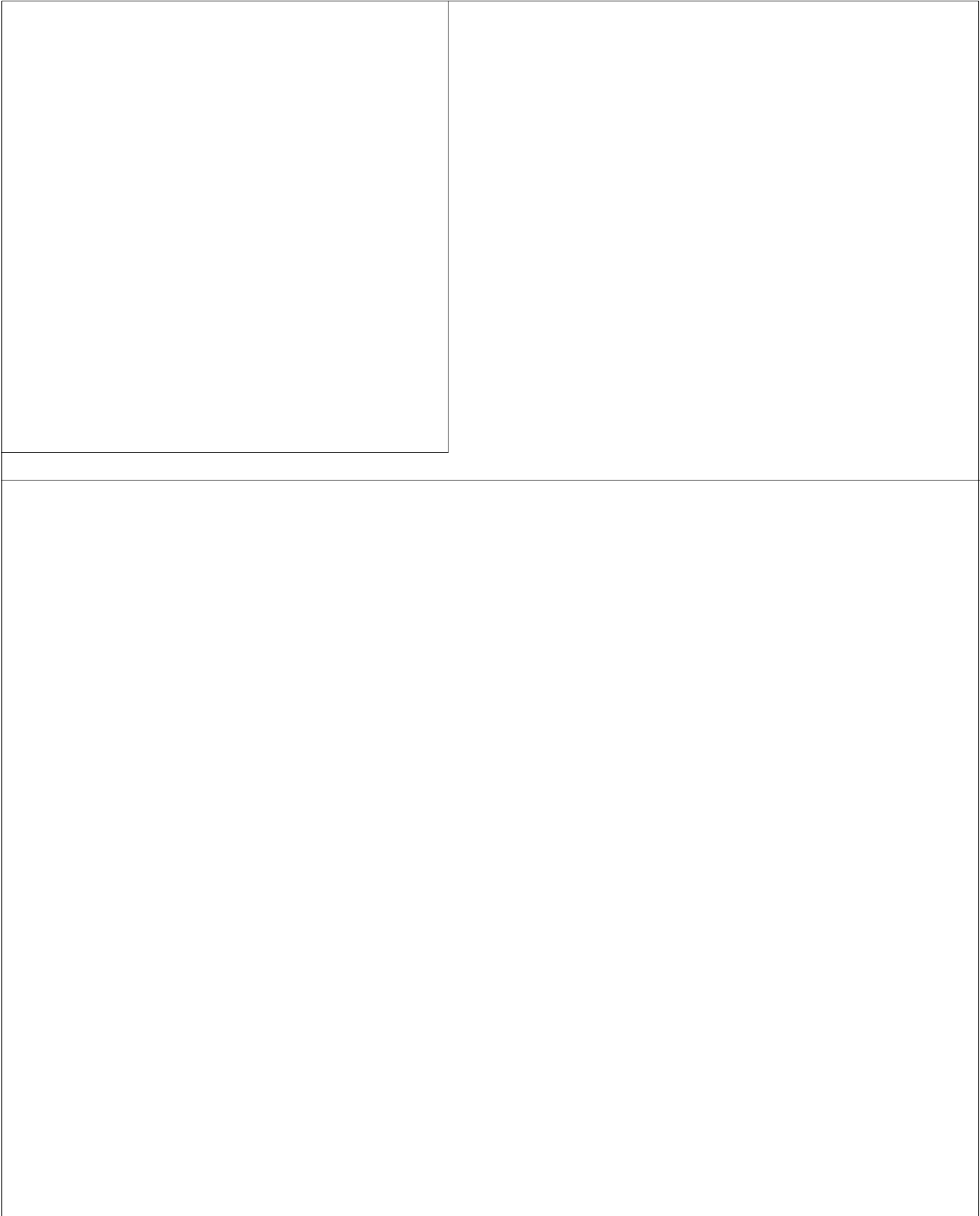
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DEPWAT: NUMBER(9,2)
FTCODE: VARCHAR2(1)
REMARKS: VARCHAR2(240)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

GWD

LOCID: VARCHAR2(15)
AFIID: VARCHAR2(5)
IBDEPTH: NUMBER(9,2)
IEDEPTH: NUMBER(9,2)
LOGDATE: DATE

CONTRACTSEQ: NUMBER
LOGCODE: VARCHAR2(4)
STATDEP: NUMBER(7,2)
SOUNDING: NUMBER(7,2)
FTCODE: VARCHAR2(1)
MEASMETH: VARCHAR2(5)
DRY: VARCHAR2(1)
REMARKS: VARCHAR2(240)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

CONTRACTSEQ: NUMBER
PARVAL: NUMBER(7,2)
UNITS: VARCHAR2(10)
REMARKS: VARCHAR2(240)
UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE



ANPARXREF

ANMCODE: VARCHAR2(7)
 PARLABEL: VARCHAR2(12)
 MATRIX_TYPE: VARCHAR2(1)

MDL: NUMBER(14,4)
 RL: NUMBER(14,4)
 UNITS: VARCHAR2(10)
 UPUSER: VARCHAR2(12)
 UPTIME: DATE
 UPDESC: VARCHAR2(2)
 HANDBOOK: VARCHAR2(3)
 MODUSER: VARCHAR2(12)
 MODTIME: DATE

PRESREQ: VARCHAR2(7)
 MATRIX_TYPE: VARCHAR2(1)

UNITS: VARCHAR2(10)
 SAMPHOLDPER: NUMBER(6)
 EXTHOLDPER: NUMBER(6)
 SAMPEXTPER: NUMBER(6)
 UPUSER: VARCHAR2(12)
 UPTIME: DATE
 UPDESC: VARCHAR2(2)
 MODUSER: VARCHAR2(12)
 MODTIME: DATE

LAM

LABCODE: VARCHAR2(4)
ANMCODE: VARCHAR2(20)
MATRIX_TYPE: CHAR(18)

UPUSER: VARCHAR2(12)
UPTIME: DATE
UPDESC: VARCHAR2(2)
MODUSER: VARCHAR2(12)
MODTIME: DATE

MODUSER: VARCHAR2(12)
MODTIME: DATE
ANMCODE: VARCHAR2(20)
MATRIX_TYPE: CHAR(18)