

D. CIP SUTRS Records Definition

This appendix forms an integral part of the CIP specification.

<!-- This file is auto-generated using a MS-Word 6/7.0 macro -->

<!-- CIP Metadata DTD 1.0 19980510 -->

<!-- This is the Document Type Declaration for defining the structure of -->

<!-- Metadata compliant with the CEOS Catalogue Interoperability Protocol -->

<!-- (CIP). This DTD is used as a reference for generating structured -->

<!-- CIP Metadata SUTR records. It is only applicable to product -->

<!-- collection searches for alignment with GEO profile -->

<!-- Tags: -->

<!-- Tags are a maximum of 8-characters long, to coincide with the -->

<!-- Reference Concrete Syntax. In some systems, this will obviate -->

<!-- the need for an explicit SGML declaration. -->

<!-- Entity sets: -->

<!-- Scalar values (meaning the values of elements that are not -->

<!-- compound) are here declared RCDATA to allow SGML parsers to -->

<!-- recognize and support entities representing special characters -->

<!-- such as the degree symbol, less, and greater. -->

<!-- Element ordering: -->

<!-- Generally the order of elements is not significant. However, -->

<!-- repeated groups of elements must be in order (e.g. (A,B)+) -->

<!-- and repeated elements must appear together (e.g. (A & B+ & C)) -->

<!--<!ENTITY % ISOnum PUBLIC "ISO 8879:1986//ENTITIES Numeric And Special
Graphic//EN">

<!ENTITY % ISolat1 PUBLIC "ISO 8879:1986//ENTITIES Added Latin 1//EN">

%ISOnum;

%ISolat1;-->

<!DOCTYPE coldesc [

<!ELEMENT coldesc - - (itemid & authtv? & itemname & itemlnam? & itdslang & coltype & inclitds+ & relitds+ & prcolspf & purpose & abstract & progress & versnid & revision & review? & contact+ & accscons? & useconst? & datcent+ & keywords & locality+ & extcitan+)>

<!ELEMENT proddesc - - (itemid & authtv? & itdslang? & itemlang? & abstract? & temporal & tempres? & spatcovr & spatres? & vertext+ & spatref? & scale+ & acquistn+ & arcentid+) & ordcenid+ & process? & datorign & genkeywd+ & reprocss? & thumbdat? & browse+ & prodsops+ & locselem+ & qaprstat? & relitds+)>

<!ELEMENT usedescr - - (userid & password? & persname? & address? & phonenum? & faxnum? & emailadr? & networka?)>

<!ELEMENT acquistn - - (acqsttn & acqstat?)>

<!ELEMENT address - - (streetad & city & state & postal & country)>

<!ELEMENT altsys - - (altdatum & altres+)>

<!ELEMENT band - - (bandid & bandmode)>

<!ELEMENT bounding - - (westbc & eastbc & northbc & southbc)>

<!ELEMENT browse - - (browseid & abstract & browsdat+ & brservop & temporal? & spatcovr? & spatref? & arcentid?)>

<!ELEMENT browsdat - - ((itemdata | urlpoint))>

<!ELEMENT brsdelop - - (itemsiz & brsformt & brscpr+)>

<!ELEMENT brsreop - - (groupid? & brsdelop+)>

<!ELEMENT brservop - - (brsreop+)>

<!ELEMENT circle - - (point & radius)>

<!ELEMENT coltype - - (colhicat & colhipos & colcat)>

<!ELEMENT contact - - (persname & jobpos & orgname & instrcts? & hours? & role & address & emailadr+ & phonenum+ & faxnum+)>

<!ELEMENT datcent - - (datcenam & contact)>

<!ELEMENT datorign - - (origin & projname+ & platform+)>

<!ELEMENT delvalgp - - (algpcknm & purpose & abstract & versnid & revision & swpacpnt & docpoint)>

<!ELEMENT depthsys - - (depthdn & depthres+)>

<!ELEMENT geosystem - - (latres & longres)>

<!ELEMENT gpolygon - - (gpolourg & gpolexrg+)>

<!ELEMENT gpolexrg - - (point+)>

<!ELEMENT gpolourg - - (point+)>

<!ELEMENT gridsys - - (gridsysn & gridcsds?)>

<!ELEMENT horizsys - - ((geosystem | plansys))>

<!ELEMENT inclclds - - (itemid+)>

<!ELEMENT inclitds - - (inclclds+ & inclprds+)>

<!ELEMENT inclprds - - (itemid+)>

<!ELEMENT sensor - - (sensorid & sensmode+ & band+)>

<!ELEMENT keywords - - (themkeys & spatkeys+ & tempkeys+ & genkeywd+)>
<!ELEMENT localatt - - (attsetid+ & locattid & locattnm & locasmn & locatvsx & locatstr+ & locattmn)>
<!ELEMENT locatstr - - (attsetid & strattid)>
<!ELEMENT locality - - (localtyp & localdes)>
<!ELEMENT locpruse - - (attsetid & localatt+)>
<!ELEMENT locselem - - (#PCDATA)>
<!ELEMENT mapproj - - (mapprojn & mapprojd?)>
<!ELEMENT ordoptgr - - (ordoptid & prdprsop+ & scnselop+ & prodelop+)>
<!ELEMENT ordoptid - - (ordoptna+)>
<!ELEMENT ordoptna - - (ordoptgn & ordoptgv)>
<!ELEMENT plansys - - ((mapproj | gridsys))>
<!ELEMENT platform - - (misionid & sensor+)>
<!ELEMENT point - - (latitude & longitud)>
<!ELEMENT process - - (proccent+ & proclcv)>
<!ELEMENT proclcv - - (proclvid & proclcvd & prodtype?)>
<!ELEMENT prcolspf - - (arcentid+ & catlogid+ & ordcenid+ & datorign+ & temporal+ & tempres? & spatcovr+ & spatres+ & vertex+ & spatref+ & scale+ & geoform+ & process & storedmed? & delvalgp? & browse+ & prodsops+ & locusefl & locpruse+ & qaclstats?)>
<!ELEMENT prodelop - - (accscons+ & itdelmtid & prodmedm & itemsiz+ & prodform & prdcmps+)>
<!ELEMENT prdordop - - (groupid? & ordoptgr+ & relgpnts?)>
<!ELEMENT prdprsop - - (prdprsod & relgpnts?)>
<!ELEMENT prdprsod - - ((frdprsop | uprdprso))>
<!ELEMENT prodsops - - (prdordop+)>
<!ELEMENT qaclstats - - (qaqualex+ & qarate+)>
<!ELEMENT qaprstat - - (qapintdt+ & qapmisdt+ & qapoutdt+ & qapcldcv+)>
<!ELEMENT relcldes - - (relitem+)>
<!ELEMENT guidepnt - - (urlpoint & reldescr?)>
<!ELEMENT relgpnts - - (guidepnt+)>
<!ELEMENT relitem - - (itemid & reldescr?)>
<!ELEMENT relitds - - (relcldes+ & relgpnts+)>
<!ELEMENT reprocss - - (reprocac+ & reproclp+)>
<!ELEMENT review - - (scienrev+ & futrevdt+)>
<!ELEMENT revision - - (create & updfreq+ & revdate+)>
<!ELEMENT scnselop - - (scnselod & relgpnts?)>
<!ELEMENT scnselod - - ((fscnselo | uscnselo))>
<!ELEMENT scienrev - - (scirevdt & scirevst)>

<!ELEMENT spatcovr - - ((bounding | gpolygon | circle+ | point+ | wrscene | wrpass))>

<!ELEMENT spatkeys - - (spkeythe & versnid & spatkey+)>

<!ELEMENT spatref - - (horizsys+ & vertdef+)>

<!ELEMENT temporal - - ((rngdates | timeinfo))>

<!ELEMENT tempkeys - - (tempkeyt & versnid & tempkey+)>

<!ELEMENT timeinfo - - (periodnm? & prddefin)>

<!ELEMENT rngdates - - (begdate & enddate+)>

<!ELEMENT themkeys - - (themekt & versnid & themekey+)>

<!ELEMENT vertdef - - (altsys & depthsys)>

<!ELEMENT vertext - - (elevmin & elevmax)>

<!ELEMENT wrpass - - (track & frame+ passtype)>

<!ELEMENT wrscene - - (track & frame)>

<!ELEMENT abstract - - RCDATA>

<!ELEMENT accscons - - RCDATA>

<!ELEMENT acqsttn - - RCDATA>

<!ELEMENT acqstat - - RCDATA>

<!ELEMENT algpcknm - - RCDATA>

<!ELEMENT altdatum - - RCDATA>

<!ELEMENT altres - - RCDATA>

<!ELEMENT arcentid - - RCDATA>

<!ELEMENT attsetid - - RCDATA>

<!ELEMENT authtv - - RCDATA>

<!ELEMENT bandid - - RCDATA>

<!ELEMENT bandmode - - RCDATA>

<!ELEMENT brscprs - - RCDATA>

<!ELEMENT brsformt - - RCDATA>

<!ELEMENT browseid - - RCDATA>

<!ELEMENT catlogid - - RCDATA>

<!ELEMENT city - - RCDATA>

<!ELEMENT colcat - - RCDATA>

<!ELEMENT colhicat - - RCDATA>

<!ELEMENT colhipos - - RCDATA>

<!ELEMENT country - - RCDATA>

<!ELEMENT create - - RCDATA>

<!ELEMENT datcenam - - RCDATA>

<!ELEMENT depthdn - - RCDATA>

<!ELEMENT depthres - - RCDATA>
<!ELEMENT docpoint - - RCDATA>
<!ELEMENT eastbc - - RCDATA>
<!ELEMENT elevmax - - RCDATA>
<!ELEMENT elevmin - - RCDATA>
<!ELEMENT emailadr - - RCDATA>
<!ELEMENT enddate - - RCDATA>
<!ELEMENT extcitan - - RCDATA>
<!ELEMENT faxnum - - RCDATA>
<!ELEMENT frame - - RCDATA>
<!ELEMENT futrevdt - - RCDATA>
<!ELEMENT genkeywd - - RCDATA>
<!ELEMENT geoform - - RCDATA>
<!ELEMENT gridcsds - - RCDATA>
<!ELEMENT gridsysn - - RCDATA>
<!ELEMENT groupid - - RCDATA>
<!ELEMENT hours - - RCDATA>
<!ELEMENT instrcts - - RCDATA>
<!ELEMENT itemdata - - RCDATA>
<!ELEMENT itdelmtd - - RCDATA>
<!ELEMENT itemid - - RCDATA>
<!ELEMENT itdslang - - RCDATA>
<!ELEMENT itemlnam - - RCDATA>
<!ELEMENT itemname - - RCDATA>
<!ELEMENT itemlang - - RCDATA>
<!ELEMENT itemsiz - - RCDATA>
<!ELEMENT jobpos - - RCDATA>
<!ELEMENT latitude - - RCDATA>
<!ELEMENT latres - - RCDATA>
<!ELEMENT locattid - - RCDATA>
<!ELEMENT locattmn - - RCDATA>
<!ELEMENT locattnm - - RCDATA>
<!ELEMENT locasmn - - RCDATA>
<!ELEMENT locatvsx - - RCDATA>
<!ELEMENT localdes - - RCDATA>
<!ELEMENT localtyp - - RCDATA>
<!ELEMENT locusefl - - RCDATA>

<!ELEMENT longitud - - RCDATA>
<!ELEMENT longres - - RCDATA>
<!ELEMENT mapprojd - - RCDATA>
<!ELEMENT mapprojn - - RCDATA>
<!ELEMENT misionid - - RCDATA>
<!ELEMENT networka - - RCDATA>
<!ELEMENT northbc - - RCDATA>
<!ELEMENT ordcenid - - RCDATA>
<!ELEMENT ordoptgn - - RCDATA>
<!ELEMENT ordoptgv - - RCDATA>
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<!ELEMENT origin - - RCDATA>
<!ELEMENT passtype - - RCDATA>
<!ELEMENT password - - RCDATA>
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<!ELEMENT periodnm - - RCDATA>
<!ELEMENT persname - - RCDATA>
<!ELEMENT postal - - RCDATA>
<!ELEMENT proccent - - RCDATA>
<!ELEMENT proclevd - - RCDATA>
<!ELEMENT proclvid - - RCDATA>
<!ELEMENT prdcmps - - RCDATA>
<!ELEMENT prodform - - RCDATA>
<!ELEMENT prodmedm - - RCDATA>
<!ELEMENT prodtype - - RCDATA>
<!ELEMENT progress - - RCDATA>
<!ELEMENT projname - - RCDATA>
<!ELEMENT purpose - - RCDATA>
<!ELEMENT qapcldcv - - RCDATA>
<!ELEMENT qapintdt - - RCDATA>
<!ELEMENT qapmisdt - - RCDATA>
<!ELEMENT qapoutdt - - RCDATA>
<!ELEMENT qaqualex - - RCDATA>
<!ELEMENT qarate - - RCDATA>
<!ELEMENT radius - - RCDATA>
<!ELEMENT reldescr - - RCDATA>
<!ELEMENT reprocac - - RCDATA>

<!ELEMENT reprocl - - RCDATA>
<!ELEMENT revdate - - RCDATA>
<!ELEMENT role - - RCDATA>
<!ELEMENT scale - - RCDATA>
<!ELEMENT scirevdt - - RCDATA>
<!ELEMENT scirevst - - RCDATA>
<!ELEMENT sensorid - - RCDATA>
<!ELEMENT sensmode - - RCDATA>
<!ELEMENT southbc - - RCDATA>
<!ELEMENT spatkey - - RCDATA>
<!ELEMENT spkeythe - - RCDATA>
<!ELEMENT spatres - - RCDATA>
<!ELEMENT begdate - - RCDATA>
<!ELEMENT state - - RCDATA>
<!ELEMENT storemed - - RCDATA>
<!ELEMENT streetad - - RCDATA>
<!ELEMENT strattid - - RCDATA>
<!ELEMENT swpacpnt - - RCDATA>
<!ELEMENT phonenum - - RCDATA>
<!ELEMENT tempkey - - RCDATA>
<!ELEMENT tempkeyt - - RCDATA>
<!ELEMENT tempres - - RCDATA>
<!ELEMENT themekey - - RCDATA>
<!ELEMENT themekt - - RCDATA>
<!ELEMENT thumbdat - - RCDATA>
<!ELEMENT track - - RCDATA>
<!ELEMENT uprdprso - - RCDATA>
<!ELEMENT uscnselo - - RCDATA>
<!ELEMENT updfreq - - RCDATA>
<!ELEMENT urlpoint - - RCDATA>
<!ELEMENT useconst - - RCDATA>
<!ELEMENT userid - - RCDATA>
<!ELEMENT versnid - - RCDATA>
<!ELEMENT westbc - - RCDATA>
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