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SMOS DPGS Maintenance & Evolution

XML Schemas Release Note
Version 07-08-04

	Name	Signature	Date
Prepared	D. Alvarez		
Checked	B. Bengoa		
Accepted	J. Ortega		
Authorized	M. Rodríguez		

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Document Change Log

Iss./Rev.	Date	Section	Change Description
1/0	01-Sep-2022	All	Issued for XML Schemas version 07-08-04 delivery

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N/A

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1. INTRODUCTION

The aim of this document is to provide the configuration status of the XML Schemas software v07-08-04. These schemas can evolve independently of the XML library and for this reason it contains its own configuration identification and can be released alone.

The Schemas Release Note contains the following information:

- Applicable documentation

- Description of version contents

- Description of the means and tools necessary to develop, modify, generate and run the application

- Installation instructions

- List of changes

XML Schemas v07-08-04 shall be installed with XML R/W API SW library v04.00.00 or higher versions.

1.1 ACRONYMS AND TERMS

Refer to document SO-TN-IDR-GS-0010 [AD.2.]

1.2 DOCUMENT OVERVIEW

The Schemas Release Note has been organised as follows:

Section 1, the section you are currently reading

Section 2, applicable and reference documents

Section 3, SMOS Schemas overview

Section 4, content of the delivery

Section 5, installation instructions

Section 6, list of changes

Section 7, XML Schemas list

2. DOCUMENTS

2.1 APPLICABLE DOCUMENTS

Table 2-1: Applicable Documents

Ref.	Title	Code	Version	Date
[AD.1.]	SMOS DPGS Configuration and Data Management Plan	SO-PL-IDR-GS-0003	1.4	28-Mar-06
[AD.2.]	SMOS DPGS Acronyms	SO-TN-IDR-GS-0010	2.1	29-Feb-16
[AD.3.]	XML R/W API Software User Manual	SO-ID-IDR-GS-0009	2.2	09-Jul-10
[AD.4.]	XML Schema Guidelines	SO-MA-IDR-GS-0004	2.1	09-Jul-10
[AD.5.]	Explorer_Data_Handling SUM	CS-MA-DMS-GS-0009	3.5	07-Jul-06
[AD.6.]	PLPC-DPGS ICD	SO-ICD-ESA-GS-1735	2.11	15-Jan-08
[AD.7.]	PDPC-Core Generic IPF ICD	SO-ID-IDR-GS-1001	1.10	26-Nov-07
[AD.8.]	XBAS-L0P ICD	SO-ID-IDR-GS-0017	2.6	08-Jul-10
[AD.9.]	XBAS-CORE ICD	SO-ID-IDR-GS-0018	1.9	24-Apr-09
[AD.10.]	DPGS-Level 1 Processor ICD	SO-ID-IDR-GS-0008	4.17	16-Sep-16
[AD.11.]	DPGS-Level 2 Processor ICD	SO-ID-IDR-GS-0003	6.0	05-Jul-13
[AD.12.]	DPGS-SPGF ICD	SO-ID-IDR-GS-0005	2.3	09-Jul-10
[AD.13.]	DPGS-MF ICD	SO-ID-IDR-GS-0007	1.14	09-Jul-09
[AD.14.]	DPGS-IAT ICD	SO-ID-IDR-GS-0002	2.2	10-Dec-10
[AD.15.]	DPGS-SPQC ICD	SO-ID-IDR-GS-0020	2.4	09-Jul-10
[AD.16.]	L0P-CORE ICD	SO-ID-IDR-GS-0019	2.8	09-Jul-10
[AD.17.]	DPGS-Users ICD	SO-ID-IDR-GS-0010	2.12	09-Jul-10
[AD.18.]	DPGS_FPC-DPGS_RC/LTA ICD	SO-ID-IDR-GS-0014	2.9	09-Jul-10
[AD.19.]	DPGS–MUS ICD	SO-ID-IDR-GS-0015	2.13	09-Jul-10
[AD.20.]	Level 0 Product Specification	SO-TN-IDR-GS-0003	3.5	02-Feb-10
[AD.21.]	Level 1 and Auxiliary Data Product Specification	SO-TN-IDR-GS-0005	6.14	09-Sep-22
[AD.22.]	Level 2 and Auxiliary Data Product Specification	SO-TN-IDR-GS-0006	8.7	16-Sep-22
[AD.23.]	DPGS Reports Specifications	SO-TN-IDR-GS-0011	2.5	19-Feb-10
[AD.24.]	DPGS Master ICD	SO-ID-IDR-GS-0016	3.10	26-Apr-16
[AD.25.]	NRT Product Format	SO-ID-DMS-GS-0002	4.0	09-Oct-14
[AD.26.]	DPGS-NRTP ICD	SO-ID-DMS-GS-0001	2.5	10-Oct-11

Ref.	Title	Code	Version	Date
[AD.27.]	Implementation in DPGS of IERS Bulletin B	SO-TN-IDR-GS-0041	1.1	22-Oct-10
[AD.28.]	SMOS DPGS to BUFR Converter Interface Control Document	SO-ID-DMS-GS-0004	2.0	10-Feb-11
[AD.29.]	L2 SM Input/Output Data Definition (IODD) Document	SO-ID-ARR-GS-4406	4.3	07-Dec-16
[AD.30.]	SMOS L2 OS Input/Output Data Definition	SO-TN-ARG-GS-0009	2.39	06-Jan-22

3. XML SCHEMAS OVERVIEW

The XML files allow getting information about any data. The XML Schemas are used to define the structure of XML Files. They help to create, modify and validate such XML files in a safer way. The schemas for pure XML files are xml files with .xsd extension and schemas for binary data, constituted by one XML codified with BinX Recommendation, are files with .binXschema.xml extension.

XML Schemas define:

- elements to be considered in a document

- attributes to be considered in a document

- the order of child elements

- the number of child elements

- whether an element is empty or it can include text

- data types for elements and attributes

- default and fixed values for elements and attributes

4. CONTENTS OF THE DELIVERY

The XML Schemas are delivered in a zip file plus a checksum file. The files contain the following information:

- schemas_2022-09-0101_v07-08-04.zip.

    It contains the following folders, corresponding to the following SMOS file types:

    o AUX_
    o binX
    o CMD_
    o CNF_
    o Common
    o LOG_
    o MIR_
    o MPL_
    o REP_
    o RES_
    o RQC_
    o RQD_
    o TLM_

    And the following files:

    o release_2022-09-01_v07-08-04.txt
    o schemas.cksum
    o schemas.zip
    o schemas_config.xml

- schemas_2022-09-01_v07-08-04.cksum, containing the checksum value: 2640995538

The schemas package is located at URL
ftp://131.176.251.166/smos/schemas/schemas_2022-09-01_v07-08-04

5. INSTALLATION INSTRUCTIONS

The XML Schemas Software is delivered in a zip file: schemas_2022-09-01_v07-08-04.zip. Before uncompressing the file, it is recommended to verify that the checksum coincides with the one provided (instruction 'cksum filename').

The schemas tree directory shall be copied into XML R/W API tree directory under smos/schemas folder.

Detailed installation instructions are included in document XML Read/Write API User Manual [AD.3.].

6. CHANGE LIST

Version	Date	Change Description
01-01-00	06-Nov-06	• Updated to SO-TN-IDR-GS-0003 L0 Spec v1.8 2006-10-27.doc => DBL_SM_TEST_AUX_L0PGEN_0002.xsd
		• Added header and zero padding to TLM_MIRA0_ => DBL_SM_TEST_TLM_MIRA0__0002.binXschema.xml
		• Bug in L0 and L1, changed "List_of_Data_Sets" to "List_of_Data_Set":
		* HDR_SM_TEST_AUX_APDL00_0002.xsd
		* HDR_SM_TEST_AUX_APDS00_0002.xsd
		* HDR_SM_TEST_AUX_BFP____0002.xsd
		* HDR_SM_TEST_AUX_DGG____0002.xsd
		* HDR_SM_TEST_AUX_FAIL___0002.xsd
		* HDR_SM_TEST_AUX_GANIR__0002.xsd
		* HDR_SM_TEST_AUX_GLXY___0002.xsd
		* HDR_SM_TEST_AUX_GLXY___0003.xsd
		* HDR_SM_TEST_AUX_L0PGEN_0002.xsd
		* HDR_SM_TEST_AUX_LCF____0002.xsd
		* HDR_SM_TEST_AUX_MASK___0002.xsd
		* HDR_SM_TEST_AUX_MOONT__0002.xsd
		* HDR_SM_TEST_AUX_NIR____0002.xsd

Version	Date	Change Description
		* HDR_SM_TEST_AUX_PATT___0002.xsd
		* HDR_SM_TEST_AUX_PLM____0002.xsd
		* HDR_SM_TEST_AUX_PMS____0002.xsd
		* HDR_SM_TEST_AUX_RFI____0002.xsd
		* HDR_SM_TEST_AUX_SPAR___0002.xsd
		* HDR_SM_TEST_AUX_SUNT___0002.xsd
		* HDR_SM_TEST_AUX_TIME___0002.xsd
		* HDR_SM_TEST_AUX_VTEC_C_0002.xsd
		* HDR_SM_TEST_AUX_VTEC_P_0002.xsd
		* HDR_SM_TEST_MIR_AFWD1A_0002.xsd
		* HDR_SM_TEST_MIR_AFWU1A_0002.xsd
		* HDR_SM_TEST_MIR_BWLD1C_0002.xsd
		* HDR_SM_TEST_MIR_BWLF1C_0002.xsd
		* HDR_SM_TEST_MIR_BWSD1C_0002.xsd
		* HDR_SM_TEST_MIR_BWSF1C_0002.xsd
		* HDR_SM_TEST_MIR_CRSD1A_0002.xsd
		* HDR_SM_TEST_MIR_CRSU1A_0002.xsd
		* HDR_SM_TEST_MIR_FTTD___0002.xsd
		* HDR_SM_TEST_MIR_FTTF___0002.xsd
		* HDR_SM_TEST_MIR_FWSD1A_0002.xsd

Version	Date	Change Description
		* HDR_SM_TEST_MIR_FWSU1A_0002.xsd
		* HDR_SM_TEST_MIR_GMATD__0002.xsd
		* HDR_SM_TEST_MIR_GMATU__0002.xsd
		* HDR_SM_TEST_MIR_JMATD__0002.xsd
		* HDR_SM_TEST_MIR_JMATU__0002.xsd
		* HDR_SM_TEST_MIR_SCLD1C_0002.xsd
		* HDR_SM_TEST_MIR_SCLF1C_0002.xsd
		* HDR_SM_TEST_MIR_SCSD1C_0002.xsd
		* HDR_SM_TEST_MIR_SCSF1C_0002.xsd
		* HDR_SM_TEST_MIR_SC_D1A_0002.xsd
		* HDR_SM_TEST_MIR_SC_D1B_0002.xsd
		* HDR_SM_TEST_MIR_SC_F1A_0002.xsd
		* HDR_SM_TEST_MIR_SC_F1B_0002.xsd
		* HDR_SM_TEST_MIR_TARD1A_0002.xsd
		* HDR_SM_TEST_MIR_TARD1B_0002.xsd
		* HDR_SM_TEST_MIR_TARF1A_0002.xsd
		* HDR_SM_TEST_MIR_TARF1B_0002.xsd
		* HDR_SM_TEST_MIR_UAVD1A_0002.xsd
		* HDR_SM_TEST_MIR_UAVU1A_0002.xsd
		* HDR_SM_TEST_MIR_UNCD1A_0002.xsd

Version	Date	Change Description
		* HDR_SM_TEST_MIR_UNCU1A_0002.xsd
		* HDR_SM_TEST_TLM_MIRA1A_0002.xsd
01-02-00	16-Nov-06	• Updated datablock schema CNF_L0PGEN with SO-ID-IDR-GS-0019 L0P-CORE ICD v1.8 2006-11-14 specifications • Updated datablock schema REP_ACQREP with SO-ID-IDR-GS-0017 XBAS-L0P ICD v1.8 2006-11-14 specifications • Updated L0 schemas with SO-TN-IDR-GS-0003 L0 Spec v1.9 2006-11-14.doc specifications
01-03-00	17-Nov-06	• Added <Variable_Header> in header AUX_ORBPRE • Minor change CNF_L0PGEN in Type, before CALIBRATION|NON-CALIBRATION and now Calibration|Non-calibration • Minor change L0_SPH_Main_Info_0003.xsd, added "e" to the field "Precise_Validity_Stop", therefore minor change in all L0P • Updated datablock schema CNF_L0PGEN with SO-ID-IDR-GS-0019 L0P-CORE ICD v1.8 2006-11-14 specifications • Updated datablock schema REP_ACQREP with SO-ID-IDR-GS-0017 XBAS-L0P ICD v1.8 2006-11-14 specifications • Updated L0 schemas with SO-TN-IDR-GS-0003 L0 Spec v1.9 2006-11-14.doc specifications
01-04-00	17-Nov-06	• Schemas for level one (L1) and level two (L2) partially finished • Updated schema REP_ACQREP with document SO-ID-IDR-GS-0017 XBAS-L0P ICD v2.0 2006-11-20.doc • Updated schemas CNF_L0PGEN, CNF_L0P1__, CNF_L0P2__, CNF_RPL0P1, CNF_RPL0P2, MPL_ORBSCT and AUX_ORBPRE with document SO-ID-IDR-GS-0019 L0P-CORE ICD v2.0 2006-11-20.doc • Updated header and datablock schemas L0 with document SO-TN-IDR-GS-0003 L0 Spec v2.0 2006-11-

Version	Date	Change Description
		20.doc
01-05-00	17-Nov-06	• Updated header and datablock schemas L1 with document SO-TN-IDR-GS-0005 L1 Spec v3.0 2006-11-24.doc • Added Unit="bytes" in L0_SPH_Location_Info_0004.xsd in fields Header_Size and Datablock_Size • Minor change in L0_SPH_Product_Confidence_Data_0004.xsd, type="percentage_10Exp-2_integer_06d_Unit_Type" instead of type="percentage_10_integer_06d_Unit_Type" • Schemas for level one (L1) and level two (L2) partially finished • Updated schema REP_ACQREP with document SO-ID-IDR-GS-0017 XBAS-L0P ICD v2.0 2006-11-20.doc • Updated schemas CNF_L0PGEN, CNF_L0P1__, CNF_L0P2__, CNF_RPL0P1, CNF_RPL0P2, MPL_ORBSCT and AUX_ORBPRE with document SO-ID-IDR-GS-0019 L0P-CORE ICD v2.0 2006-11-20.doc • Updated header and datablock schemas L0 with document SO-TN-IDR-GS-0003 L0 Spec v2.0 2006-11-20.doc

01-05-01	05-Dec-06	• Added attribute "id" in field FEP of the DBL_SM_TEST_L0PGEN_0005.xsd
		
		• Changed the type of Grid_Point_Mask from byte to unsignedByte in all L1C datablock schemas:
		
		    DBL_SM_TEST_MIR_BWLD1C_0002.binXschema.xml
		
		    DBL_SM_TEST_MIR_BWLF1C_0002.binXschema.xml
		
		    DBL_SM_TEST_MIR_BWSD1C_0002.binXschema.xml
		
		    DBL_SM_TEST_MIR_BWSF1C_0002.binXschema.xml
		
		    DBL_SM_TEST_MIR_SCLD1C_0003.binXschema.xml
		
		    DBL_SM_TEST_MIR_SCLF1C_0003.binXschema.xml
		
		    DBL_SM_TEST_MIR_SCSD1C_0003.binXschema.xml

Version	Date	Change Description
		DBL_SM_TEST_MIR_SCSF1C_0003.binXschema.xml
		• Set the default value to tag File_Name in SM_TEST_MPL_JOBORD_0003.xsd schema.
		• Updated schemas_config.xml with the new version of the schemas.
02-00-00	22-Dec-06	• Updated header and datablock schemas L0 with document SO-TN-IDR-GS-0003 L0 Spec v2.0 2006-11-24.doc
		• Updated header and datablock schemas L1 with document SO-TN-IDR-GS-0005 L1 Spec v3.0 24-11-2006.doc
		• Updated header and datablock schemas L2 with document SO-TN-IDR-GS-0006 L2 Spec v2.0 2006-11-24.doc
		• Updated all schemas name with XXXX replacing file class.
		• Updated all schemas identifiers name in schemas_config.xml by XXXX.
02-00-01	03-Jan-07	• Created schemas for CNF_L1OP__ with document SO-ID-IDR-GS-0008 L1P ICD v2 2 2006-10-23.pdf
		• Updated schemas_config.xml with CNF_L1OP__ schemas.
02-00-02	17-Jan-07	• Updated type of Datablock_Schema tag from 42 characteres to 31 characteres in headers of AUX_APDL__, AUX_APDS__, AUX_BFP___, AUX_CNFL1P, AUX_FAIL__, AUX_LCF___, AUX_NIR___, AUX_PLM___, AUX_PMS___, AUX_SPAR__, AUX_TIME__.
		• In AUX_CNFL1P: Solved problems with NOISE_SOURCE_NUMBER.
		• in AUX_LCF___: The type of LICEF_ID tag has been changed from [ABC][ABC][HV_][0-9]{2} to [ABC][ABC][HV_][0-9]{2}.
		• In AUX_PLM___: Delete fixed values in Intermedaite_Frequency, Low_Frequency, Time_Delay_Minus_T and Time_Delay_Plus_T tags.
		○ All types with double_s08lf_x have been changed to double_s05p6lf. And types with double_s018lf have been changed to double_s03p14lf or double_s05p12lf depending on the tag.
		• In AUX_PMS___: Updated mV_double_s04p5lf_Unit_Type with mV_double_s05p4lf_Unit_Type for Offset

Version	Date	Change Description
		tag.
		• In AUX_TIME__: Updated days_double_s03p8lf_Unit_Type with days_double_s05p6lf_Unit_Type for UTC, UT1, TAI and GPS tags.
		• In REP_L0_REP: Updated the type of Product_Confidende tag in datablock from enumerated {NOMINAL, ERROR} to {NOMINAL, DEGRADED}
		• In AUX_DFFFRA: Cumulated_N_Lonï¿½ precision corrected from float-32 to unsignedInteger-32.
		• In AUX_DFFXYZ: Cumulated_N_Lonï¿½ precision corrected from float-32 to unsignedInteger-32.
		• In AUX_DFFLAI: Cumulated_N_Lonï¿½ precision corrected from float-32 to unsignedInteger-32.
		• In AUX_DFFLMX: Cumulated_N_Lonï¿½ precision corrected from float-32 to unsignedInteger-32.
		• In AUX_BIGWBF: Big_Water_Body_Flag_Coordinatesï¿½ Dataset defined as fixed array with dimension 0 into the ï¿½Data_Block_Typeï¿½structure.
		• In AUX_GAL_SM: TB_Sky_Hï¿½ and ï¿½TB_Sky_Vï¿½ expressed as independent matrices instead of two matrices with a common row counter.
		• In AUX_GALNIR: Arrays structured differently to speed up the reading.
		• In AUX_GALAXY: Arrays structured differently to speed up the reading.
		• Updated schemas_config.xml with new version of schemas.
02-00-03	02-Feb-07	• Fixed bug in AUX_GALAXY and AUX_GALNIR
		• In AUX_LCF___: The type of LICEF_ID tag has been changed from [ABC][ABC][HV_][0-9]{2} to [ABC][ABC_][HV_][0-9]{2}.
		• In MIR_UAVD1A and UAVU1A: The type of Number of Averaged Measurements tag has been changed to short_03hd_Type.
		• In AUX_APDL00 and APDS00: The type of W tag has been changed from %010.5f to %+012.7f.

Version	Date	Change Description
		• All schemas for Level 0, level 1 and level 2 products that include Basic_Types schema have been unified with the same version of this schema.
02-00-04	07-Feb-07	• In AUX_LCF___, AUX_FAIL__, AUX_PLM___: The type of LICEF_ID tag has been changed from [ABC][ABC_][HV_][0-9]{2} to (A_|AB|B_|BC|C_|CA)[HV_](01|02|03|04|05|06|07|08|09|10|11|12|13|14|15|16|17|18|19|20|21).
		• Changed the type of string_date_23_Type and string_date_30_Type in Basic_Types.
		• All schemas for Level 0, level 1 and level 2 products that include Basic_Types schema have been unified with the same version of this schema.
02-00-05	26-Feb-07	• In MPL_ORBSCT: Changed type integer_u_Type by unsigned_Short_hu_Type
		• In AUX_PLM___: Changed type double_s05p6lf by double_s07p6lf.
		• Schemas with regular expression [\-\+] changed by [-+]:
		o HDR of AUX_ORBRES
		o HDR of AUX_SPAR__
		o Basic_Types_8
		o HDR and DBL of MPL_SWTREF
		• New version of CNF_SUBSCR.
		• New version of REP_QC_ACT.
02-00-06	07-May-07	▪ Bug in TLM_MIRA0 PVT.
		▪ Added L2_REP schemas based on SO-ID-IDR-GS-0003 L2P ICD v1.6 2007-03-20.
		▪ Updated L1_REP schemas based on SO-ID-IDR-GS-0008 L1P ICD v2.3 2007-02-22.
		▪ Updated MPL_JOBORDER schema based on SO-ID-IDR-GS-1001_1_8_Generic IPF ICD.

Version	Date	Change Description
		▪ Updated AUX_ORBPRE, AUX_ORBRES and REP_TMPRIN schemas, based on SO-ICD-ESA-GS-1735_PLPC-DPGS_ICD_i2r8. ▪ Updated MPL_HLPLAN, MPL_XBDOWN and MPL_ORBSCT schemas, based on SO-ID-IDR-GS-0005 DPGS-SPGF ICD V1.7 2007-04-10. ▪ In TLM_MIRA0_: changes in order of tags. ▪ In DBL_SM_XXXX_TLM_MIRA1A_0003.binXschema.xml: changes in dimension of arrays. ▪ In L1_SPH_Specific_Product_Location_C_0007.xsd: tag "Mid_Long" changed by "Mid_Lon". ▪ In DBL_SM_XXXX_MIR_JMATX__0003.binXschema.xml: changes in dimension of arrays.
02-00-07	10-May-07	▪ In HDR_SM_XXXX_MIR_SCLD1C_0007.xsd, HDR_SM_XXXX_MIR_SCLF1C_0007.xsd, HDR_SM_XXXX_MIR_SCSD1C_0007.xsd and HDR_SM_XXXX_MIR_SCSF1C_0007.xsd: changes in L1_SPH_Specific_Product_Location_C_0007.xsd ▪ Changed REP_ACQREP by REP_ACQREX. ▪ For all REP_ header schemas new version of with Fixed_Header_0007 and Basic_Types_0008, except for QC_ANA until new version of SPQC. ▪ For all REP_ replace TEST by XXXX in schema name, except for QC_ANA until new version of SPQC. ▪ Updated REP_XAR___, REP_XIP___ and REP_XDAR__ following SO-ID-IDR-GS-0018 XBAS-CORE ICD v1.5 2006-10-27.doc, with Fixed_Header_0007 and Basic_Types_0008.
02-00-08	14-May-07	New version of L1 and L0 MIR_ schemas because of changes in type of "Leap_Second" tag in Main Product Header. The type of "Leap_Second" has changed from string_date_30_Type to string_date_30_with_blank_Type. String_date_30_with_blank_Type type allows 30 blank value.
02-00-09	24-May-07	• In header of AUX_, MIR_, CNF_ (except TSKTBL), REP_ (except RECEPT and TMPRIN) and TLM added to File_Class_Type RPRO and GSOV. • Replace TEST by XXXX in schemas name, except for QC_ANA until new version of SPQC.

Version	Date	Change Description
		• In AUX_ORBPRE and AUX_ORBRES updated schemas. File_Version updated with 3 digits. Changed complex double and long types by a simple type.
		• Updated REP_XIP___, REP_XAR___ and REP_XDAR__ schemas according to SO-ID-IDR-GS-0018 XBAS-CORE ICD v1.6 2007-05-17.doc.
		• Updated REP_RECEPT schemas according to SO-ID-IDR-GS-0014 DPGS_FPC-DPGS_RC_LTA ICD v1.6 2007-01-19.doc.
		• Updated REP_L1_REP and CNF_L1OP__ schemas according to SO-ID-IDR-GS-0008 L1P ICD v2.4 2007-05-08.doc.
		• Updated REP_L2_REP schemas according to SO-ID-IDR-GS-0003 L2P ICD v1.7 2007-05-08.doc.
		• In AUX_ORBPRE, AUX_ORBRES, MPL_HLPLAN, MPL_XBDOWN, MPL_ORBSCT, REP_TMPRIN and REP_RECEPT changed use of attribute "type="xml"" by optional in "Data_Block" tag.
02-00-10	29-May-07	• Changed File_Class_Type in Basic_Types from "TEST|OPER|RPRO|GSOV" to "TEST|OPER|REPR" for almost all headers, according with SO-ID-IDR-GS-0016 DPGS Master ICD v1.14 2007-05-29.doc.
		• Changed possible values of File_Type tag in all datablocks schemas of REP/L1_REP.
		• Upadted Leap_Second type adding 30 blanks as possible value for L2 header schemas.
02-01-00	05-Jul-07	• Added thirteen new types of products MIR_TEST0_, REP_VTEC_C, REP_VTEC_P, REP_ECMWF_, REP_DFFLAI, REP_SMPSP_, CNF_ECMWF_, CNF_LAI___, CNF_L2OS__, CNF_L2SM__, CNF_SMPSP_, AUX_OEFPRE and AUX_OEFRES.
		• In DBL_SM_XXXX_AUX_SGLINT_0004.binXschema.xml corrected dimension of variable arrays.
		• In DBL_SM_XXXX_AUX_FOAM___0004.binXschema.xml corrected "Data_Set_Foam_Fraction_Type" with ACRI schema.
		• In DBL_SM_XXXX_AUX_AGDPT__0002.binXschema.xml corrected some tags name.
		• In DBL_SM_XXXX_REP_XAR____0004.xsd and DBL_SM_XXXX_REP_XDAR___0003.xsd chaged

Version	Date	Change Description
		Das1_lock and Das2_lock tag names by DAS1_Lock and DAS2_Lock respectively.
		• Updated L2_REP schemas following document SO-ID-IDR-GS-0003 L2P ICD v1.5 2007-02-16.pdf.
		• Updated REP_ACQREX with several changes in the structure.
		• In DBL_SM_XXXX_REP_PRO_DA_0005.xsd, DBL_SM_XXXX_REP_PRO_MO_0003.xsd and DBL_SM_XXXX_REP_PRO_WE_0003.xsd added two new tags for lists of processed and generated tests files.
		• In DBL_SM_XXXX_AUX_CNFSM2_0007.xsd, Guess_prior type corrected from dl_integer_02d_Unit_Type to dl_string_boolean_Unit_Type
		• In L0_SPH_Main_Info_0012.xsd, L1_SPH_Main_Info_0009.xsd and L2_SPH_Main_Info_0009.xsd changed deg_10Exp-6_double_s04p6lf_Unit_Type by deg_double_degs04p6lf_Unit_Type in Long_at_ANX tag.
		• In L2_SPH_Specific_Product_Location_Moisture_0007.xsd added Westernmost_Longitude and Westernmost_Gridpoint_ID tags.
		• In L2_SPH_Specific_Product_Location_Moisture_0007.xsd and L2_SPH_Specific_Product_Location_Salinity_0007.xsd changed deg_10Exp-6_double_s04p6lf_Unit_Type by deg_double_degs04p6lf_Unit_Type in Southernmost_Latitude, Northernmost_Latitude, Easternmost_Longitude and Westernmost_Longitude tag.
		• In DBL_SM_XXXX_AUX_SOIL_P_0002.binXschema.xml, Soil_Porperties_Coordinates changed from structure to fixed array.
		• In DBL_SM_XXXX_AUX_DISTAN_0003.binXschema.xml, array fixed dimension number corrected from 2621442 to 2621441.
		• Removed Blank spaces included in tags within DBL_SM_XXXX_AUX_ECMWF__0004.binXschema.xml
		• In DBL_SM_XXXX_AUX_RGHNS2_0004.binXschema.xml dT_h_2 tag renamed as dT_V_2
		• In DBL_SM_XXXX_AUX_SSS____0003.binXschema.xml, array fixed dimension number corrected from 2621442 to 2621441.

Version	Date	Change Description
		- In DBL_SM_XXXX_REP_SMUDP2_0004.xsd, DBL_SM_REP_SMDAP2_0004.xsd, DBL_SM_XXXX_REP_OSUDP2_0004.xsd, DBL_SM_REP_OSDAP2_0004.xsd specified: - Values for System_Reaction tag: Processing Continued| Processing Breakdown| Cancelled by System - Values for File_Type tag: Constants| Configuration| Auxiliary| Calibration| Measurements - Values for Product_Result tag: SUCCESSFUL| CORRUPTED| FAILURE| CANCELLED - Values for PCD tag: NOMINAL| DEGRADED. - File_Name tag has been renamed as Filename. - In DBL_SM_XXXX_MIR_OSUDP2_0004.binXschema.xml, blank spaces contained in "Control_Flags" tag have been removed. - In DBL_SM_XXXX_AUX_CNFSM2_0006.xsd, TH_W2_N, TH_W1_N, TH_TS_N, TH_TM_N, TH_S2W_N, TH_S2M_N, TH_S1W_N, TH_S1M_N, TH_R2_N, TH_R1_N, TH_F2_N, TH_NO_N, TH_WL_N, TH_EB_N, TH_EI_N, TH_EU_N, Forward_Model types corrected from integer_03d_Type to string_3_Type - In DBL_SM_XXXX_MIR_SMDAP2_0005.binXschema.xml and DBL_SM_XXXX_MIR_SMUDP2_0005.binXschema.xml, all the fields specified as character-8 changed to unsignedByte-8. The blank spaces have been removed. - In DBL_SM_XXXX_AUX_BIGWBF_0005.binXschema.xml, FL_Big_Water type corrected from byte-8 to unsignedByte-8; - In DBL_SM_XXXX_AUX_LANDCL_0008.xsd, Ecosystem_Code and Num_Classes types corrected from integer_03d_Type to unsignedInteger_03u_Type. And TT_H type corrected from double_01p8lf_Type double_02p7lf_Type. - In HDR_SM_XXXX_AUX_SOIL_P_0002.xsd, Scaling_Factor_FO field renamed as Scaling_Factor_FC. - In SM_TEST_MPL_JOBORD_0004.xsd, File_Name type renamed as Filename_Type, File_Counter has

Version	Date	Change Description
		been removed from the Brk_Fileï¿½ descendants. File_Counter has been added as Output descendant.
		• In HDR_SM_XXXX_REP_SMDAP2_0004.xsd, HDR_SM_XXXX_REP_SMUDP2_0004.xsd, HDR_SM_XXXX_REP_OSUDP2_0004.xsd, HDR_SM_XXXX_REP_OSDAP2_0004.xsd Ref_Doc precision corrected from string to string_17_Type.
		• In L2_SPH_Specific_Product_Location_Moisture_0007.xsd and L2_SPH_Specific_Product_Location_Moisture_0007.xsd the Grid_Points identifiers have been coded as unsigned_Integer_07u_Type instead of integer_s07d_Type.
		• In all L1_REP datablocks changed "Cancelled System" value by "Cancelled by System" value in string_System_Reaction_Type.
		• In DBL_SM_XXXX_AUX_CNFL1P_0009.xsd changed seconds_unsigned_Long_08ld_Unit_Type by seconds_unsigned_Long_08lu_Unit_Type and integer_08d_Type by unsigned_Long_08lu_Type
02-01-01	16-Aug-07	• Updated DBL_SM_XXXX_CNF_L1OP___0003.xsd schema to BL_SM_XXXX_CNF_L1OP___0006.xsd with Data_Block/Engineering_Parameters/List_of_Supported_Schemas field.
		• Updated SM_XXXX_MPL_JOBORD_0005 to SM_XXXX_MPL_JOBORD_0007.
		• Removed blank space in "LAI_QC" tag name from datablock file DBL_SM_XXXX_AUX_DFFLAI_0004.xsd.
		• In all datablocks files for L1A reports (AFWD1A, AFWU1A, CRSD1A, CRSU1A, FWSD1A, FWSU1A, GMATD_, GMATU_, JMATD_, JMATU_, MIRA1A, NIR_1A, SC_D1A, SC_F1A, TARD1A, TARF1A, UAVD1A, UAVU1A, UNCD1A and UNCU1A) changed "Number_Downlinked_Packets", "Number_Missing_Packets" and "Number_Corrupted_Packets" tags types by "integer_05d_Type".
		• In all headers files for L1 reports changed "Ref_Doc" tag type by "string_17_Type" and default value by "SO-ID-IDR-GS-0008".
		• Corrected schemas name of AUX_OEFPRE and AUX_OEFRES in schemas_config.xml.
		• For reports REP_DIS_DA, REP_DIS_GL, REP_DIS_MO, REP_DIS_WE, REP_PRO_DA, REP_PRO_GL, REP_PRO_MO, REP_PRO_WE, REP_OPERAL Quality_Flag values changed from "P|W|F" to "P|W|F|N".

Version	Date	Change Description
		• In REP_XAR and REP_XDAR datablocks changed "DAS1_Lock" by "Das1_Lock" and "DAS2_Lock" by "Das2_Lock".
		• In datablock of AUX_CNFL1P for the 'MIN_RF_LEVEL_VALUE', 'MAX_RF_LEVEL_VALUE', 'THRESHOLD_RF_LEVEL_VALUE', 'MIN_VCO_TM_VALUE', 'MAX_VCO_TM_VALUE', 'THRESHOLD_VCO_TM', 'MIN_NUM_ALIM_TM_VALUE', 'MAX_NUM_ALIM_TM_VALUE', 'THRESHOLD_NUM_ALIM_TM', 'MIN_SSPA_ALIM_TM_VALUE', 'MAX_SSPA_ALIM_TM_VALUE' and 'THRESHOLD_SSPA_ALIM_TM' elements added ttribute 'unit=V'.
02-01-02	10-Sep-07	• Added DBL_SM_XXXX_AUX_AGDPT__0003.binXschema.xml to put inline with ACRI schema. • Added DBL_SM_XXXX_AUX_CNFOS2_0008.xsd to put inline with ACRI schema. • Added DBL_SM_XXXX_AUX_GAL_OS_0003.binXschema.xml to put inline with ACRI schema. • Added DBL_SM_XXXX_AUX_RGHNS1_0004.binXschema.xml to put inline with ACRI schema. • Added DBL_SM_XXXX_MIR_SMDAP2_0006.binXschema.xml to correct X_Swath type form unsigned integer 32 to signed integer 32. • Removed "L0P_HW_Identifier" element from DBL_SM_XXXX_CNF_L0P1___0005.xsd. • Removed "L0P_HW_Identifier" element from DBL_SM_XXXX_CNF_L0P2___0006.xsd. • Updated List_of_Supported_Schemas and added "FARADAY" tag in DBL_SM_XXXX_CNF_L1OP___0007.xsd. • In DBL_SM_XXXX_REP_PRO_DA_0007.xsd: Updated values for "Subtitle" tag: "Products from OPER Orders|Products from RPRO Orders". Increased number of digits for "Sensing_Time" tag until 10 digits. Increased number of digits for "Processing_Duration" tag until 6 digits.
02-02-00	25-Sep-07	This delivery only works from XML R/W API version 2007-09-24_v03-07-00 on. • Added new category of schemas LOG_. • Added new type of schemas "LOG_FLUSH_". • In HDR_SM_XXXX_AUX_ECMWF__0009.xsd changed the type of Overall_Quality adding a new value "3" to

Version	Date	Change Description
		the type. • In DBL_SM_XXXX_AUX_ECMWF__0005.xsd changed the type of tag "Land_Sea_Mask" by "unsignedByte-8" and the type of tag "Sea_Ice_Cover" by "float-32". • In DBL_SM_XXXX_REP_PRO_DA_0008.xsd removed tags List_of_DailyTESTGeneratedProducts and List_of_DailyTESTPorcessed_Aux_Data. • In HDR_SM_XXXX_REP_DFFLAI_0002.xsd, HDR_SM_XXXX_REP_ECMWF__0002.xsd and HDR_SM_XXXX_REP_SMPSP__0002.xsd removed tag Total_Size. • In DBL_SM_XXXX_CNF_SMPSP__0002.xsd changed tag Processor_Executable by five tags: TLV_Executable, TFO_Executable, ROU_Executable, RFI_Executable and FLO_Executable.
02-02-01	22-Oct-07	• SCH-PR-2 (DPGS-PR-369). Updated REP_PRO_DA, REP_PRO_GL, REP_PRO_MO and REP_PRO_WE following the last report specification document. • SCH-PR-1 (DPGS-PR-366). Updated length for "File_Name" tag in REP_CHE_DA, REP_CHE_GL, REP_CHE_MO, REP_CHE_WE, REP_CLE_DA, REP_CLE_GL, REP_CLE_MO, REP_CLE_WE, REP_DIS_DA, REP_DIS_GL, REP_DIS_MO, REP_DI_WE, REP_INV_DA, REP_INV_GL, REP_INV_MO, REP_INV_WE, REP_PRO_DA, REP_PRO_GL, REP_PRO_MO and REP_PRO_WE datablock schemas.
02-02-02	22-Dec-07	• Changed order in the pattern for "File_Name" tag in REP_CHE_DA, REP_CHE_GL, REP_CHE_MO, REP_CHE_WE, REP_CLE_DA, REP_CLE_GL, REP_CLE_MO, REP_CLE_WE, REP_DIS_DA, REP_DIS_GL, REP_DIS_MO, REP_DI_WE, REP_INV_DA, REP_INV_GL, REP_INV_MO, REP_INV_WE, REP_PRO_DA, REP_PRO_GL, REP_PRO_MO and REP_PRO_WE datablock schemas.
02-03-00	18-Feb-08	• Added new schemas for REP_LTA___ and CNF_SUBSCR. • Updated REP_CHE_DA, REP_CHE_GL, REP_CHE_MO, REP_CHE_WE, REP_CLE_DA, REP_CLE_GL, REP_CLE_MO, REP_CLE_WE, REP_DIS_DA, REP_DIS_GL, REP_DIS_MO, REP_DI_WE, REP_INV_DA, REP_INV_GL, REP_INV_MO, REP_INV_WE, REP_PRO_DA, REP_PRO_GL, REP_PRO_MO and REP_PRO_WE datablock schemas. • Updated REP_QC_ACT, REP_QC_ANA, RQC_SE_DES and RQD_SE_DES following new specification. • Fixed bugs in REP_XAR___, REP_XDAR__ and REP_XIP___ schemas.

Version	Date	Change Description
02-03-01	11-Mar-08	• Updated restriction for "File_Name_Type" type in REP_CHE_DA, REP_CHE_GL, REP_CHE_MO, REP_CHE_WE, REP_CLE_DA, REP_CLE_GL, REP_CLE_MO, REP_CLE_WE, REP_DIS_DA, REP_DIS_GL, REP_DIS_MO, REP_DI_WE, REP_INV_DA, REP_INV_GL, REP_INV_MO, REP_INV_WE, REP_OPERAL, REP_PRO_DA, REP_PRO_GL, REP_PRO_MO, REP_PRO_WE and REP_SUBSCR datablock schemas. • New type "string_Vector_Source_With_Blank_Type" for GMAT and JMAT header. The allowed values are: "IG|FP|FR| ". • Fixed bug in Thermistor_ID type in the AUX_FAIL__ datablock.
02-04-00	23-May-08	• In datablocks reports schemas: DIS_DA, DIS_GL, DIS_MO and DIS_WE replaced "Package_Id" type by unsigned_Long_010lu_Type. • New schemas for reports QC_ACT and QC_ANA. • Unified REP_CHE_DA, REP_CHE_GL, REP_CHE_MO, AND REP_CHE_WE product schemas in only one schema model with a new tag "Time_Coverage" to distinguish the period of coverage. • Unified REP_CLE_DA, REP_CLE_GL, REP_CLE_MO, AND REP_CLE_WE product schemas in only one schema model with a new tag "Time_Coverage" to distinguish the period of coverage. • Unified REP_DIS_DA, REP_DIS_GL, REP_DIS_MO, AND REP_DIS_WE product schemas in only one schema model with a new tag "Time_Coverage" to distinguish the period of coverage. • In REP_DIS_XX: added a new enumerated value "A" for "Quality_Flag". • Unified REP_INV_DA, REP_INV_GL, REP_INV_MO, AND REP_INV_WE product schemas in only one schema model with a new tag "Time_Coverage" to distinguish the period of coverage. • In REP_INV_XX: added a new enumerated value "A" for "Quality_Flag". • Unified REP_PRO_DA, REP_PRO_GL, REP_PRO_MO, AND REP_PRO_WE product schemas in only one schema model with a new tag "Time_Coverage" to distinguish the period of coverage.

Version	Date	Change Description
		• In AUX_APDS00 datablock: pdated List_of_Apodisation_Coefficients number of elements.
02-04-01	05-Jun-08	• Job Order schema updated. "State tag" default value changed from Alternative to Non Alternative.
		• REP_ECMWF_ Datablock updated.
		• REP_DFFLAI_ Datablock updated.
02-04-02	12-Jun-08	• Added schemas NRT: AUX_APDNRT, AUX_CNFNRT, AUX_NRTMSK, MIR_BWND1C, MIR_BWNF1C, MIR_SCND1A, MIR_SCND1B, MIR_SCND1C, MIR_SCNF1A, MIR_SCNF1B, MIR_SCNF1C, REP_BWND1C, REP_BWNF1C, REP_SCND1C and REP_SCNF1C.
02-04-03	20-Jun-08	• New CNF_LAI___ schemas added in accordance with SO-ID-GMV-GS-4402_SMOS L2 Internal ICD_v1.6
		• New CNF_ECMWF_ schemas added in accordance with SO-ID-GMV-GS-4402_SMOS L2 Internal ICD_v1.6
Schemas for DPGS-V2		
03-00-00	31-Oct-07	• Updated schemas for L0 and L1 products and ADFs following specifications for V2.
		• Note that the directory structure has been changed. For example, L1_REP has been deleted and all the reports files have been allocated in directories under REP_ folder.
03-01-00	09-Nov-07	• Schemas for L0 and L1 products and ADFs following specifications for V2.
		• Schemas for L2 products, ADFs, reports and configuration files for CORE V3.
		• Note that the directory structure has been changed. For example, L1_REP has been deleted and all the reports files have been allocated in directories under REP_ folder.
03-02-00	19-Nov-07	• Fixed bug for Xerces version 2.6.0, when "-" or "." Appears without "\".
		• Fixed bug for schemas when "count" attribute with "unsigned_Integer_hd_Type" type.
		• Updated schemas_config.xml structure as the schemas directory tree.
		• Removed from schemas_config.xml references to binx schemas.

Version	Date	Change Description
		• In SC_X1B changed "Scena_Bias_Correction" by "Scene_Bias_Correction".
		• In AUX_PATT___ removed Average_Pattern_Low_Amplitude.
		• This schema package is required from the 2007-11-19_v04-00-00 XML_RW_API version.
03-03-00	21-Nov-07	• In datablocks of MIR_AFWD1A and MIR_AFWU1A updated fixed arrays of "FWF_Measurements", "A", "B", "C", "D", "E" and "FWF_Shpae_Quality" from two dimensional array to one dimensional array.
		• In datablocks of MIR_CRSD1A and MIR_CRSU1A updated fixed arrays of "FWF_Origin", "FWF_Origin_Quality", "FWF_Origin_Amplitude_Sensitivity" and "FWF_Origin_Phase_Sensitivity" from two dimensional array to one dimensional array.
		• New specification V2 for RQC_SE_DES, RQD_SE_DES, REP_QC_ACT and REP_QC_ANA
03-03-01	05-Dec-07	• Fixed bug in MIR_AFWD1A and MIR_AFWU1A: Changed FWF_Shape_Quality array elements from unsignedInteger-32 to unsignedByte-8
		• New specification V2 for AUX_SGLINT.
		• New report schemas L1 for V2 based on SO-ID-IDR-GS-0008 L1P ICD v3 0 2007-11-12 specification.
		• New CNF_L1OP__ schemas for V2.
		• In AUX_PLM___ datablock the type of "X", "Y" and "Z" tags has been changed in order to add more precision.
03-03-02	20-Dec-07	• Fixed bug in AUX_SGLINT: Added Sun Incidence Angle Data.
		• Added new tag "Orbit_Scenario_File_Path" in DBL_SM_XXXX_CNF_L1OP___0101 datablock.
03-03-03	25-Jan-08	• MIR_ANIR1A: Changed unsignedByte-8 type by character-8 type in "Correlator_Layer" tag.
		• CNF_L1OP__: Changed string_4_Type by integer_04d_Type in "Unc_Averaged_Measurements_Threshold" and "FWF_Averaged_Measurements_Threshold" tags.
		• MIR_CRSD1A and MIR_CRSU1A: Changed unsignedByte-8 type by character-8 type in "Correlator_Layer"

Version	Date	Change Description
		node.
		• AUX_PMS___: Changed K_float_02p3f_Unit_Type by K_float_03p3f_Unit_Type in "Temperature" tag.
		• AUX_NIR___: Changed db_float_02p2f_Unit_Type by db_float_s03p2f_Unit_Type in "Amplitude_Dicke_Switch_V" and "Amplitude_Dicke_Switch_H" tags.
		• AUX_BWGHT_: Changed "Baseline_ID" restriction type.
		• Removed "Number_of_Generated_Snapshot", "Number_of_Corrupted_Snapshot_PC" and "Number_of_Corrupted_Snapshot_MH" tags from datablock of the L1B and L1C reports.
03-03-04	31-Jan-08	• Added Quallity_Information structure to MIR_FTTD__, MIR_FTTF__, MIR_GMATD_, MIR_GMATU_, MIR_JMATD_, MIR_JMATU_ header schemas.
		• Replaced "Averaged_FFT_Visib_H" and "Averaged_FFT_Visib_V" by "Averaged_FTT_Visib_H" and "Averaged_FTT_Visib_V" in the MIR_FTTD__ datablock schema.
03-03-05	11-Mar-08	• Updated restriction for "File_Name_Type" type in REP_CHE_DA, REP_CHE_GL, REP_CHE_MO, REP_CHE_WE, REP_CLE_DA, REP_CLE_GL, REP_CLE_MO, REP_CLE_WE, REP_DIS_DA, REP_DIS_GL, REP_DIS_MO, REP_DI_WE, REP_INV_DA, REP_INV_GL, REP_INV_MO, REP_INV_WE, REP_OPERAL, REP_PRO_DA, REP_PRO_GL, REP_PRO_MO, REP_PRO_WE and REP_SUBSCR datablock schemas.
		• New type "string_Vector_Source_With_Blank_Type" for GMAT and JMAT header. The allowed values are: "IG|FP|FR| ".
		• Fixed bug in Thermistor_ID type in the AUX_FAIL__ datablock.
		• Replaced "CORRUPTED" by "SUSPECT" for "string_Product_Result_Type" in REP_DFFLAI, REP_ECMWF_, REP_OSDAP2, REP_OSUDP2, REP_SMDAP2, REP_SMPSP_ and REP_SMUDP2 datablocks.
03-04-00	06-May-08	• Unified REP_CHE_DA, REP_CHE_GL, REP_CHE_MO, AND REP_CHE_WE product schemas in only one schema model with a new tag "Time_Coverage" to distinguish the period of coverage.
		• Unified REP_CLE_DA, REP_CLE_GL, REP_CLE_MO, AND REP_CLE_WE product schemas in only one

Version	Date	Change Description
		schema model with a new tag "Time_Coverage" to distinguish the period of coverage.
		• Unified REP_DIS_DA, REP_DIS_GL, REP_DIS_MO, AND REP_DIS_WE product schemas in only one schema model with a new tag "Time_Coverage" to distinguish the period of coverage.
		• In REP_DIS_XX: added a new enumerated value "A" for "Quality_Flag".
		• Unified REP_INV_DA, REP_INV_GL, REP_INV_MO, AND REP_INV_WE product schemas in only one schema model with a new tag "Time_Coverage" to distinguish the period of coverage.
		• In REP_INV_XX: added a new enumerated value "A" for "Quality_Flag".
		• Unified REP_PRO_DA, REP_PRO_GL, REP_PRO_MO, AND REP_PRO_WE product schemas in only one schema model with a new tag "Time_Coverage" to distinguish the period of coverage.
		• In AUX_APDS__ datablock: pdated "List_of_Apodisation_Coefficients" number of elements.
		• In AUX_SPAR__ datablock: updated "Temperature" format type.
		• Added a new type AUX_BSCAT_ to represent L1 Bistatic Scattering Coefficients.
		• Updated AUX_SGLINT datablock to represent L2 Bistatic Scattering Coefficients.
		• In CNF_L2OS__ datablock: added minOccurs and maxOccurs to all List_*_Types.
		• Added last version of CNF_L1OP__ to schemas_config.xml.
		• Updated "File_Name" type in REP_DFFLAI, REP_ECMWF, REP_VTEC_C and REP_VTEC_P datablock schemas.
		• Added schemas NRT: AUX_APDNRT, AUX_CNFNRT, AUX_NRTMSK, MIR_BWND1C, MIR_BWNF1C, MIR_SCND1A, MIR_SCND1B, MIR_SCND1C, MIR_SCNF1A, MIR_SCNF1B, MIR_SCNF1C, REP_BWND1C, REP_BWNF1C, REP_SCND1C and REP_SCNF1C.
03-05-00	20-May-08	• New L0 schemas based on specifications: SO-ID-IDR-GS-0019 L0P-CORE ICD v2.3 and SO-TN-IDR-GS-0003 L0 Spec v3.1.
		• In datablocks reports schemas: DIS_DA, DIS_GL, DIS_MO and DIS_WE replaced "Package_Id" type by unsigned_Long_010lu_Type.

Version	Date	Change Description
03-05-01	23-May-08	• New L0 schemas based on specifications: SO-ID-IDR-GS-0019 L0P-CORE ICD v2.3 and SO-TN-IDR-GS-0003 L0 Spec v3.1. • New schemas for reports QC_ACT and QC_ANA. • Fixed bug in schemas_config.xml for AUX_BSCAT_.
03-05-02	27-May-08	• New CNF_L0P1 and CNF_L0P2 schemas based on SO-ID-IDR-GS-0019 L0P-CORE ICD v2.3 • New schema for MPL_JOBORD
03-05-03	11-Jun-08	• MIR_SC_F0_ and MIR_SC_D0_ schemas have been updated. The allowed values for "Correlator_Layer_Info" have been changed according to SO-TN-IDR-GS-0003 L0 Spec v3.1 • TLM_MIRA0_ schema has been updated. The allowed values for "Correlator_Layer_Info" have been changed according to SO-TN-IDR-GS-0003 L0 Spec v3.1 • MPL_JOBORD schema has been updated. The default value for "State" tag has been changed from "Alternative" to "Non Alternative".
03-05-04	13-Jun-08	• MIR_CORD0_, MIR_CORU0_, MIR_TARD0_, MIR_TARF0_, MIR_UNCD0_, MIR_UNCU0_ and MIR_TEST0_ schemas have been updated. The allowed values for "Correlator_Layer_Info" have been changed according to SO-TN-IDR-GS-0003 L0 Spec v3.1
03-05-05	11-Jul-08	• The format of the following fields (belonging to L0-SPH products) have been changed from %06d to %09d in accordance with SO-TN-IDR-GS-0003 L0 Spec v3.2 2008-06-20.doc: N_Valid_Packets, N_Missing_Packets, N_Missing_24packet_Blocks, N_Invalid_Blocks and N_RS_Corrected_Bytes
03-05-06	18-Sep-08	• AUX_SPAR_ Datablock updated. The number of "Switch_Value" DSRs allowed changed from 10 to 3
03-05-07	15-Oct-08	• The following schemas have been updated according to SO-TN-IDR-GS-0011 REPORTS Specifications v2 2: REP_CHE_DA, REP_CHE_GL, REP_CHE_MO, REP_CHE_WE, REP_CLE_DA, REP_CLE_GL, REP_CLE_MO, REP_CLE_WE, REP_CONFCO, REP_DIS_DA, REP_DIS_GL, REP_DIS_MO, REP_DIS_WE, REP_INV_DA, REP_INV_GL, REP_INV_MO, REP_INV_WE, REP_LOGCOR,

Version	Date	Change Description
		REP_OPERAL, REP_PER_DA, REP_PER_GL, REP_PER_MO, REP_PER_WE, REP_PRO_DA, REP_PRO_GL, REP_PRO_MO, REP_PRO_WE.
		• The REP_SUBSCR HDR schema has been updated: The "File_Name" restrictions have been removed for this kind of report.
		• The CNF_L1OP__ Data block schema has been updated. "Sequence_Type" changed to allow values from 00 to 99.
		• MPL_XBDOWN Data block schema has been updated according to SO-ICD-ESA-GS-0967 v2.11 04-02-2008
		• MPL_PROTEV Data block schema has been updated due to changes in the ICD PLPC-SOGS
03-05-08	21-Oct-08	• REP_CLE_DA, REP_CLE_GL, REP_CLE_MO, REP_CLE_WE, REP_PER_DA, REP_PER_GL, REP_PER_MO, REP_PER_WE, REP_PRO_DA, REP_PRO_GL, REP_PRO_MO, REP_PRO_WE DBL schemas have been updated: The "File_Type" type has been changed in order to allow writing the AUX_GAL2OS file type.
		• MPL_XBDOWN DBL schema has been updated: "List_Of_Ground_Stations" tag renamed as "List_of_Ground_Stations"
		• New MPL_APIDPL schemas have been added to the distribution.
03-05-09	22-Oct-08	• REP_CLE_DA, REP_CLE_GL, REP_CLE_MO, REP_CLE_WE, REP_PER_DA, REP_PER_GL, REP_PER_MO, REP_PER_WE, REP_PRO_DA, REP_PRO_GL, REP_PRO_MO, REP_PRO_WE DBL schemas have been updated: The "File_Type" type has been changed in order to allow writing any product file type.
		• MPL_PROTEV DBL schema corrected in order to allow values from 1 to 35 in the "Event_Number" field.
		• New AUX_CNFNRT Data Block schema delivered by Deimos, has been included into DPGS-V2 schemas distribution.
		• AUX_APDS__ Datablock schema has been corrected. Number of "Apodisation_Coefficient" changed to 1396

Version	Date	Change Description
03-05-10	19-Dec-08	• CNF_WSCONF schema has been added. • MPL_RULESF schema has been corrected. • REP_LTA___ schema has been updated. • REP_XAR___ and REP_XDAR__ schemas have been updated according to SO-ID-IDR-GS-0018 XBAS-CORE ICD v1.8 2008-11-03 (DPGS-PR-1156)
Schemas for DPGS-V3		
04-00-00	24-Jul-08	• L1 schemas updated following specifications for DPGS-V3.
04-00-01	01-Aug-08	• MIR_CRSD1A/MIR_CRSU1A Header schemas updated: Counters for Cons_Ampl_FWF_Origin removed and added for Cons_Phase_FWF_Origin • AUX_BFP__, AUX_MISP__ and AUX_PMS___ Data block schemas updated according to SO-TN-IDR-GS-0005 V5.3 • MIR_SCSD1C, MIR_SCSF1C, MIR_SCLD1C, MIR_SCLF1C, MIR_BWSD1C, MIR_BWSF1C, MIR_BWLD1C, MIR_BWLF1C Header Schemas updated according to SO-TN-IDR-GS-0005 V5.3: Geometric_Correction_Type field removed • AUX_CNFL1P Data block schema updated according to SO-TN-IDR-GS-0005 V5.3: Geometric_Correction_Type field removed
04-00-02	05-Sep-08	• Reports schema versions updated for DPGS-V3 • The schema associated to REP_VTEC_R has been added. • MIR_SCSD1C Datablock schema corrected since line 67 was corrupted and line 68 had a bug. This information was provided by ARGANS (e-mail) • AUX_BSCAT Datablock schema updated. Number of DSR corrected from 1 to 76. • AUX_CNFL1P Datablock schema updated. New field "Geometric_Correction_Type" added into the

Version	Date	Change Description
		"Algorithm_Configuration" structure.
		• MIR_CRSD1A /MIR_CRSU1A Datablock schemas updated. The index-dimensions have been changed from 71*36 to 2556
04-00-03	19-Sep-08	• AUX_NIR___ Datablock corrected. The exponential precision has been changed from 3 digits to 2 digits in the following fields: C_A_V, D_A_V, U_A_V, A_V, B_V, C_R_V, D_R_V, U_R_V, C_A_H, D_A_H, U_A_H, A_H, B_H, C_R_H, D_R_H, U_R_H.
		• AUX_SPAR_ Datablock updated. The number of "Switch_Value" DSRs allowed changed from 10 to 3
04-00-04	17-Oct-08	• MIR_SCLF1C Data block has been updated: The "X–Band" and "Quality_Information" mistakes have been corrected
		• AUX_CNFL1P Data block has been updated: "RMS_Threshold_for_NIR" field has been added.
		• The CNF_L1OP__ Data block schema has been updated. "Sequence_Type" changed to allow values from 00 to 99.

Version	Date	Change Description
04-00-05	24-Oct-08	• AUX_PLM DBL schema has been corrected: → "Time_Delay_Minus_T" and "Time_Delay_Plus_T" formats have been changed from %+012.6f to %+015.6f according to L1PP formats. → "M_Cal_Nom", "Q_Cal_Nom", "M_Cal_Red", "Q_Cal_Red" formats have been changed from %+08.5f to %+09.5f according to L1PP formats. → "R1" field format has been changed from %18.13f to %+18.13f according to L1PP formats. → "PMS_Range" field format has been changed from %d to %02d according to L1PP formats. • AUX_PMS DBL schema has been corrected: "Gain_Sensitivity" and "PMS_Linearity" types have been corrected. Two bugs were reported by L1PP Team. • AUX_NIR DBL schema has been corrected:"C_A_V", "D_A_V", "U_A_V", "A_V", "B_V" formats have been changed in accordance with L1PP products.
04-00-06	07-Nov-08	• AUX_APDS__ Data block schema has been corrected. Number of "Apodisation_Coefficient" changed to 1396 • AUX_CNFL1P Data block schema has been corrected: "Sequence_Type" type has changed in order to allow values from 00 to 99. • AUX_PMS Data block schema has been updated. The "Gain_Sensitivity" type has been modified in order to allow the needed values. The change has been requested by GMV (See e-mail 30/10/08).
04-01-00	28-Nov-08	• L2SM Core-V4 (DPGS-V3) schemas delivered by Array have been added to the schemas distribution. • AUX_BNDLST, AUX_ECOLAI, AUX_ECMWF_, AUX_DFFLAI, CNF_BNDLST, CNF_ECOLAI, CNF_ECMWF_, CNF_LAI__, CNF_SMPSP, REP_BNDLST and REP_ECOLAI schemas delivered by GMV have been included in the schemas distribution.
04-02-00	19-Nov-08	• L2OS Core-V4 (DPGS-V3) schemas delivered by ARGANS have been added to the schemas distribution • The bug reported by GMV in the schemas_config for the AUX_ECOLAI schema has been corrected (SCH-PR-0005)

Version	Date	Change Description
		• REP_SC_F1B, REP_SC_F1B, REP_TARD1B, REP_TARF1B Data block schemas have been modified according to SO-ID-IDR-GS-0008 L1P ICD v4.2 2008-12-19 • CNF_L1OP__ schema has been updated according to SO-ID-IDR-GS-0008 L1P ICD v4.2 2008-12-19 • -AUX_CNFL1P Data block schema has been changed: • "Reconstruction_Image_Algorithm" allowed values changed from 1,2 to 0,1,2. • "Attitude" field removed • AUX_NIR Data block schema has been changed: "Amplitude_Dicke_Switch_V" and "Amplitude_Dicke_Switch_H" formats have been modified from %+06.3f to %+05.2f. • MIR_AFWD1A, MIR_AFWU1A Data block schemas have been updated. The "Quality_Structure" has been added. • MIR_SC_D1B, MIR_SC_F1B, MIR_TARD1B, MIR_TARF1B Header schemas have been updated. "Reconstruction_Image_Algorithm" allowed values have been changed from 1,2 to 0,1,2.
04-02-01	30-Jan-09	• The schemas associated to the following files have been included in the distribution: CNF_FTTGEN, CNF_FWFCLP, CNF_GMATR_, CNF_JMATR_, CNF_PRL1BD, CNF_PRL1BF, CNF_VTECGN. • The DBL_SM_XXXX_CNF_SMPSP__0201 schema, delivered by GMV on Jan 16th, has been added to the distribution. • The schemas for the REP_QC_ACT and RQC_SE_DES have been modified according to SO-ID-IDR-GS-0020 DPGS-SPQC ICD v2.3 document. • New schema has been added to the distribution for the CNF_SUBSCR file • The restriction applied to the values of the "PCD" tag in the L1-Reports schemas has been removed. The values defined in SO-ID-IDR-GS-0008 L1P ICD v4.2 2009-01-13 document for this field are allowed. • "Attitude_Correction" tag included in the AUX_CNFL1P data block has been renamed to "Altitude_Correction", according to SO-TN-IDR-GS-0005 L1 Spec v5.5

Version	Date	Change Description

04-03-00	10-Feb-09	• New schemas delivered by DMS have been added to the distribution for the following NRT products:
		
		AUX_APDNRT, AUX_CNFNRT, MIR_BWND1C, MIR_BWNF1C, MIR_SCND1A, MIR_SCND1B, MIR_SCND1C, MIR_SCNF1A, MIR_SCNF1B, MIR_SCNF1C, REP_BWND1C, REP_BWNF1C, REP_SCND1A, REP_SCND1B, REP_SCND1C, REP_SCNF1A, REP_SCNF1B, REP_SCNF1C.
		
		• The Basic_Types referenced in DBL_SM_XXXX_REP_QC_ACT and HDR_SM_XXXX_REP_QC_ACT schemas has been harmonized to v0016.
		
		• The following schemas associated to the L2OS products have been changed because they are not compliant with the ADF samples provided by ARGANS:
		
		    o AUX_CNFOSD and AUX_CNFOSF Data block schemas have been modified in order to allow the list of "Prior_Errors"
		
		    o Corrected a bug found in the AUX_FLTSEA and AUX_RGHNS3 Data block schemas provided by ARGANS.
		
		• REP_BNDLST, REP_DFFLAI, REP_ECMWF_, REP_OSUDP2 and REP_OSDAP2 Data block schemas have been modified: The values allowed for the "Error_Name" and "Warning_Name" fields have been changed according to SO-ID-IDR-GS-0003 v4.0

04-03-01	20-Feb-09	→ The "Basic_Types", included in the following Data block schemas, have been harmonized to the v0016: REP_SC_D1B, REP_SC_F1B, REP_TARD1B and REP_TARF1B.
04-03-02	03-Mar-09	→ The following changes have been made in the NRT schemas: 1. AUX_CNFNRT Header and Data block schemas have been updated in order to harmonize the version of the "Basic_Types" file referenced in the "includes". 2. AUX_NRTMSK Header schema has been changed in order to include the "Auxiliary_L1_Main_SPH_for_Binary_0010.xsd" and "Auxiliary_SPH_Data_Sets_0011.xsd" associated to the files with binary Data block instead of the "Auxiliary_L1_Main_SPH_for_XML_0010.xsd" defined for pure XML files. The "/common/common/Fixed_Header" schema has been also updated to use in all the "includes" the same version of the "Basic_Types" file.

Version	Date	Change Description
		3. REP_BWND1C, REP_BWNF1C, REP_SCND1C and REP_SCNF1C Header and Data block schemas have been updated in order to harmonize the version of the "Basic_Types" file.
		→ The AUX_CNFSMF/AUX_CNFSMD Data block schemas have been modified after SM Core V4 FAT:
		o k2_Tau_H20 unit has been changed to neper
		o Tau_Nad_Min/Max unit has been changed to neper
		o TH_SCENE_TAU_FO unit has been changed to neper
		o TH_TEC unit has been changed to 10^{16} electrons/m^{2}
		→ The AUX_CNFL1P Data block schema has been modified according to SO-TN-IDR-GS-0005 L1 Spec v5.6:
		o Direct_Sun_Correction_External_Type, Direct_Moon_Correction_External_Type, Earth_Contribution_Removed_External, Sky_Contribution_Removed_External, H_Pol_Max_BT_Sea, V_Pol_Max_BT_Sea, H_Pol_Max_BT_Land, V_Pol_Max_BT_Land and HV_Pol_Max_BT_module fields have been added.
04-03-03	11-Mar-09	→ DBL_SM_XXXX_AUX_PLM____0202.xsd delivered by DMS has been added to the DPGS schemas distribution.
		→ DBL_SM_XXXX_CNF_L2OS___0201.xsd delivered by ARGANS has been added to the DPGS schemas distribution.
		→ REP_SC_D1B, REP_SC_F1B, REP_TARD1B and REP_TARF1B schemas have been updated: Values from 0 to 9 are allowed for the "Sun_Corr", "Moon_Corr", "Gibbs_Corr", "Sunglint_Corr", "Backlobes_Corr" and "FTT_Corr" fields.
04-03-04	12-Mar-09	→ Fixed bugs in REP_XAR___ and REP_XDAR__ schemas. The new versions are consistent with SO-ID-IDR-GS-0018 XBAS-CORE ICD v1.8 2008-11-03 document.

Version	Date	Change Description
04-03-05	02-Apr-09	→ New DBL_SM_XXXX_AUX_PLM____0203.xsd delivered by DMS has been added to the schemas distribution.
		→ AUX_VTEC_C, AUX_VTEC_P and AUX_VTEC_R Header schemas have been updated. The "VTEC_PCD" format has been changed from %05d to %8s to be compliant with L1 Spec v5.7
		→ AUX_GAL2OS Data block schema has been updated to be consistent with L2 Spec v4.2
		→ MPL_JOBORD schema has been updated. "File_Counter" field has been removed from the "List_of_Brk_Files" structure to be consistent with SO-ID-IDR-GS-1001_1_10_ Generic IPF ICD (L2P-PR-0069 can be closed).
		→ REP_OSUDP2 and REP_OSDAP2 Data block schemas have been modified: "Warning_Log_identifier" and "Error_Log_identifier" formats have been limited to 12 characters (delivered by ARGANS + "Warning_Log_identifier" format correction applied by Indra)
		→ REP_SMUDP2 and REP_SMDAP2 Data block schemas have been modified: "Warning_Log_identifier" and "Error_Log_identifier" formats have been limited to 12 characters (delivered by Array)
04-03-06	21-Apr-09	→ AUX_VTEC_C, AUX_VTEC_P and AUX_VTEC_R Header schemas have been modified: "Ftp_Server" tag has been removed in order to be consistent with L1 Specs v5.8
04-03-07	30-Apr-09	→ New DBL_SM_XXXX_AUX_CNFNRT_0202 schema delivered by DMS has been added to the distribution.
04-03-08	29-May-09	→ New schemas have been added to the distribution for the AUX_FARA_C, AUX_FARA_P and AUX_FARA_R, REP_FARA_C, REP_FARA_P, REP_FARA_R, AUX_CNFFAR, CNF_FARA__, according to L1 Spec v5.10
04-03-09	15-Jun-09	→ DBL_SM_XXXX_AUX_CNFFAR has been modified:
		o Tag names have been changed to consider them beginning with capital letter.
		o "Snapshot_Time_Sampling" format has been changed from %04d to %03d.
		o "Magnetic_Model_ID", "Faraday_Computation_Method", "VTEC_Model" and "Simulated_Orbit" formats have been changed from %02d to %01d.

Version	Date	Change Description
		o "SW_Error_Counter" and "ADF_Error_Counter" formats have been changed from %08d to %05d.

→ HDR_SM_XXXX_AUX_FARA_C, HDR_SM_XXXX_AUX_FARA_P, HDR_SM_XXXX_AUX_FARA_R have been changed:

  o Tag names have been changed to consider them beginning with capital letter.

  o "FARA_Algorithm_Configuration" structure has been added. It collects the Snapshot_Time_Sampling, Magnetic_Model_ID, Faraday_Computation_Method, VTEC_Model and Simulated_Orbit.

  o "Snapshot_Time_Sampling" format has been changed from %01d to %03d.

→ DBL_SM_XXXX_AUX_FARA_C, DBL_SM_XXXX_AUX_FARA_P, DBL_SM_XXXX_AUX_FARA_R have been modified:

  o "Snapshot_Time" field has been removed.

  o "Faraday_Rotation_Angle_Specular_Ray", "VTEC" and "VTEC_Specular_Ray" fields have been added.

→ HDR_SM_XXXX_CNF_FARA___0200.xsd and DBL_SM_XXXX_CNF_FARA___0200.xsd have been renamed as HDR_SM_XXXX_CNF_FARADA_0200.xsd and DBL_SM_XXXX_CNF_FARADA_0200.xsd. Moreover, the "IGRF_File…" fields have been renamed as "Geomagnetic_File…" in accordance with SO-ID-IDR-GS-0008 v4.7

→ DBL_SM_XXXX_MPL_ORBSCT schema has been modified. The "ANX_Longitude" format has been changed in order to allow values inside [-360,360]

→ New DBL_SM_XXXX_MPL_XBDPRE and HDR_SM_XXXX_MPL_XBDPRE schemas have been added to the distribution.

→ DBL_SM_XXXX_CNF_L2SM___0201.xsd delivered by Cecilia (Array) on April 27th has been added to the distribution: The "HW_Identifier" field has been introduced in the "List_of_Hosts" structure in order to have the same CNF_L2SM for all the PFWs.

→ DBL_SM_XXXX_MIR_SMDAP2_0201 and DBL_SM_XXXX_MIR_SMUDP2_0201 delivered by Cecilia

Version	Date	Change Description
		(Array) on June 11th have been added to the distribution: The change is to resize all the counters that are dependent on the L1c BT_Data_Counter (which is 2 bytes) from 1 byte to 2 bytes.
04-03-10	24-Jun-09	→ HDR_SM_XXXX_AUX_FARA_C, HDR_SM_XXXX_AUX_FARA_P and HDR_SM_XXXX_AUX_FARA_R schemas have been modified: The previous "string" types have been changed to "integer" to be consistent with L1 Specs v5.11 → New DBL_SM_XXXX_CNF_L2OS___0202 and DBL_SM_XXXX_CNF_L2OS___0203 schemas delivered by ARGANS (18/06/2009) have been added to the distribution → New DBL_SM_XXXX_REP_SCND1C_0203 and DBL_SM_XXXX_REP_SCNF1C_0203 delivered by DMS (23/06/2009) have been added to the distribution. → A bug in the schemas_config has been corrected in the "MPL_XBDPRE" structure. The starting and ending tags made reference to a wrong file.

04-03-11	24-Jul-09	→ HDR_SM_XXXX_MIR_CRSU1A_0202, HDR_SM_XXXX_MIR_CRSD1A_0202, DBL_SM_XXXX_MIR_CRSU1A_0202 and DBL_SM_XXXX_MIR_CRSD1A schemas delivered by DMS (22-07-09) have been added to the distribution.
		
		 → DBL_SM_XXXX_AUX_PMS____0204 schema delivered by DMS has been added to the distribution.
		
		 → DBL_SM_XXXX_AUX_DFFFRA_0201, DBL_SM_XXXX_AUX_DFFLMX_0201 and DBL_SM_XXXX_AUX_DFFXYZ_0201 provided by Array (21/07/09) have been added to the distribution:
		     o DBL_SM_XXXX_AUX_DFFFRA: The fractions (e.g. FNO) and the class code (e.g. FNO_Class_Code) changed from character-8 to unsignedByte-8.
		     o DBL_SM_XXXX_AUX_DFFLMX: LAI_Max changed from character-8 to unsignedByte-8.
		     o DBL_SM_XXXX_AUX_DFFXYZ_0201: Zone_ID changed from long-64 to unsignedLong-64.
		 → DBL_SM_XXXX_AUX_CNFL1P schema has been modified according to L1 Spec 5.12:
		     o "RMS_Threshold_for_FTT" and "RMS_Threshold_for_NIR" formats have been changed from %06d to %03.2f
		     o "Max_Mkj_RFI_Threshold" unit attribute has been removed.

04-03-12	20-Aug-09	→ HDR_SM_XXXX_MIR_CRSU1A schema has been harmonized with HDR_SM_XXXX_MIR_CRSD1A, as it

Version	Date	Change Description
		was indicated by DMS (A. Gutierrez e-mail, Aug 18th)
		→ DBL_SM_XXXX_REP_SCND1C_0204 and DBL_SM_XXXX_REP_SCNF1C_0204 provided by DMS have been added to the distribution.
		→ DBL_SM_XXXX_AUX_DGGXYZ_0201.binXschema.xml schema has been included in the proper folder (bug reported by Array on 4-Aug-09 has been corrected).
04-04-00	21-Sep-09	→ DBL_SM_XXXX_AUX_AGDPT__0201, DBL_SM_XXXX_AUX_CNFOSD_0202, DBL_SM_XXXX_AUX_CNFOSF_0202, DBL_SM_XXXX_AUX_GAL2OS_0202 and DBL_SM_XXXX_CNF_L2OS___0204 provided by ARGANS on Sept 11th have been added to the distribution. Please note that L2OS v309 will not work with previous versions of the schemas without these updates.
		→ DBL_SM_XXXX_AUX_SPAR schema has been modified: "Temperature" unit attribute has been changed from °C to K, according to DMS and ESA recommendations (A.Gutierrez and R.Crapolicchio e-mails 07/09/09)
04-04-01	02-Oct-09	→ DBL_SM_XXXX_AUX_CNFL1P schema has been updated according to L1 Specs v5.13: ○ 0,1,2,3 values allowed for "Reflected_Sun_Correction_Type" field. ○ "Max_Sunglint_Threshold" field has been added. → DBL_SM_XXXX_MIR_SC_D1B, DBL_SM_XXXX_MIR_SC_F1B, DBL_SM_XXXX_MIR_TARD1B, DBL_SM_XXXX_MIR_TARF1B have been updated: ○ 0,1,2,3 values allowed for "Reflected_Sun_Correction_Type" field. → HDR_SM_XXXX_MIR_SCND1B_0201, HDR_SM_XXXX_MIR_SCNF1B_0201 and DBL_SM_XXXX_AUX_CNFNRT_0203 delivered by DMS on October 1st have been added to distribution (See Andrés Canales e-mail).
04-04-02	23-Oct-09	→ "DBL_SM_XXXX_REP_XIP__" schema has been updated: The allowed values for the "Status" field have been changed from "ERROR,WAITING" to COMPLETED","ABORTED","STARTED","WAITING" in

Version	Date	Change Description
		accordance with SO-ID-IDR-GS-0018 XBAS-CORE ICD v1.9.This bug was detected during GSOV test EE-20.
04-04-03	04-Nov-09	→ DBL_SM_XXXX_REP_XAR___ and DBL_SM_XXXX_REP_XDAR__ schemas have been corrected: "String_Value" field has been added into the "Event" structure, in accordance with SO-ID-IDR-GS-0018 XBAS-CORE ICD v1.9
04-04-04	04-Dec-09	→ HDR_SM_XXXX_MPL_ORBSCT has been updated to not allow incoherent values in the "Validity_Start" and "Validity_Stop" fields (SCH-PR-0009 fixed).
04-04-05	23-Dec-09	→ DBL_SM_XXXX_AUX_RGHNS3_0202.xsd schema provided by ARGANS on December 2nd has been added to the distribution.
04-05-00	12-Feb-10	→ "DBL_SM_XXXX_AUX_CNFL1P_0210.xsd" provided by DMS on February 9th has been included in the distribution: "Reference_Temperature_Level" field has been added.
		→ "DBL_SM_XXXX_AUX_CNFNRT_0204.xsd" provided by DMS on February 9th has been included in the distribution: "Reference_Temperature_Level" field has been added.
04-06-00	04-Mar-10	→ DBL_SM_XXXX_AUX_CNFSMD_0202, DBL_SM_XXXX_AUX_CNFSMF_0202 and HDR_SM_XXXX_MIR_SMUDP2_0201 provided by Array on Feb 25th have been added to the distribution: "Chi_2_Scale" field has been included.
04-07-00	24-Mar-10	→ DBL_SM_XXXX_REP_PER_DA_, DBL_SM_XXXX_REP_PER_WE_, DBL_SM_XXXX_REP_PER_MO_, DBL_SM_XXXX_REP_PER_GL_ schemas have been modified in order to remove numeric restrictions in the "file_type" tag of the products.
		→ DBL_SM_XXXX_AUX_CNFOSD_0203, DBL_SM_XXXX_AUX_CNFOSF_0203, AUX_OTT1D_, AUX_OTT1F_, AUX_OTT2D_, AUX_OTT2F_, AUX_OTT3D_, AUX_OTT3F_ provided by ARGANS on 10-March-2010 have been added to the distribution.
04-07-01	24-Mar-10	→ Release to fix a bug in the schemas_config.xml related with the AUX_CNFOSD schema version.
04-07-02	03-May-10	→ DBL_SM_XXXX_AUX_PMS____0205 provided by Deimos on 22nd April has been added to the distribution.

Version	Date	Change Description
		→ DBL_SM_XXXX_AUX_CNFL1P_0211 has been updated in order to increase the precision from 4 bytes to 5 bytes in the following fields: "Maximum_Separation_Within_Step", "Maximum_Gap" and "Maximum_Sequence_Duration" → DBL_SM_XXXX_AUX_SPAR___0203 provided by Deimos on 29th April has been added to the distribution.
04-07-03	04-May-10	→ DBL_SM_XXXX_AUX_CNFL1P schema has been updated in order to add "RFI_Filter_u-noise_threshold" field. → DBL_SM_XXXX_AUX_CNFNRT schema has been updated in order to add RFI_Filter_u-noise_threshold field and to increase the precision from 4 bytes to 5 bytes in the following fields: "Max_Separation_Within_Step", "Max_Gap_Within_Sequence" and "Max_Sequence_Duration" → DBL_SM_XXXX_AUX_SPAR___ schema has been modified to organize the "Receiver_Path_Type" elements and attributes according to the convention defined in SO-MA-IDR-GS-0004 XML Guidelines v2.0 2007-11-16.
04-07-04	20-May-10	→ HDR_SM_XXXX_MIR_CRSD1A schema has been updated, as it was requested by R.Crapolicchio on May 14th, allowing now 4 digits in the following fields: "Cons_Long_PMS_DSR_New", "Cons_Long_PMS_DSR_Removed", "Cons_Phase_FWF_Origin_New", "Cons_Phase_FWF_Origin_Removed", "Cons_Long_Ampl_FWF_Origin_New", "Cons_Long_Ampl_FWF_Origin_Removed".
04-07-05	20-Sep-10	→ DBL_SM_XXXX_MIR_ANIR1A_0201 and HDR_SM_XXXX_MIR_ANIR1A_0201 provided by DME on 17/09/2010 have been added to the distribution.
04-07-06	22-Oct-10	→ DBL_SM_XXXX_AUX_BULL_B_0200 and HDR_SM_XXXX_AUX_BULL_B_0200 have been added to the distribution in accordance with the specifications included in [AD.27.]
04-07-07	17-Nov-10	→ DBL_SM_XXXX_AUX_CNFNRT_0206.xsd provided by Deimos-Space (Esteban Santiago) on November 15th has been added to the distribution. → DBL_SM_XXXX_AUX_BULL_B_0201.binXschema.xml has been modified after detecting some errors to ingest AUX_BULL_B products in SPQC.

Version	Date	Change Description
04-07-08	23-Dec-10	→ DBL_SM_XXXX_AUX_RGHNS3_0203.binXschema.xml and HDR_SM_XXXX_AUX_RGHNS3_0201.xsd provided by ARGANS on Nov-22 have been added do the distribution. → DBL_SM_XXXX_AUX_CNFSMD_0203.xsd, DBL_SM_XXXX_AUX_CNFSMF_0203.xsd, DBL_SM_XXXX_AUX_ECMWF__0201.binXschema.xml DBL_SM_XXXX_MIR_SMUDP2_0202.binXschema.xml provided by Array on Nov-26 have been added to the distribution. → HDR_SM_XXXX_AUX_ECMCDF_0200.xsd and DBL_SM_XXXX_AUX_ECMCDF_0200.binXschema.xml delivered by Array (through S.Delwart) on Dec-20 have been added to the distribution. All these changes are reflected in L2 Specs v5.3.
04-07-09	11-Feb-11	→ The following schemas delivered by ESA (Jean-Claude.Debruyn) on Nov-08 have been added to the distribution: o DBL_SM_XXXX_MIR_CRSD1A_0203.binXschema.xml o DBL_SM_XXXX_MIR_CRSU1A_0203.binXschema.xml o DBL_SM_XXXX_TLM_MIRA1A_0201.binXschema.xml → DBL_SM_XXXX_AUX_NIR_____0204.xsd schema delivered by Deimos (Antonio Gutierrez) on Nov-09 has been added to the distribution. → DBL_SM_XXXX_AUX_RFILST_0200.xsd and HDR_SM_XXXX_AUX_RFILST_0200.xsd delivered by R.Crapolicchio on Jan-26 have been added to the distribution. All these changes are in line with L1 Specs 5.19 → HDR_SM_XXXX_AUX_CNVNRT_0200.xsd, DBL_SM_XXXX_AUX_CNVNRT_0200.xsd, HDR_SM_XXXX_REP_BUFR___0200.xsd, DBL_SM_XXXX_REP_BUFR___0200.xsd, HDR_SM_XXXX_CNF_BUFRCV_0200.xsd, DBL_SM_XXXX_CNF_BUFRCV_0200.xsd delivered by Raffaele Crapolicchio on Feb 10th have been added to the distribution. The formats of these files are defined in SO-ID-DMS-GS-0004 – DPGS2BUFR ICD v2.0 and SO-ID-DMS-GS-0002 NRT Product Format v3.1.
04-07-10	10-Jun-11	→ DBL_SM_XXXX_REP_CLE_DA, DBL_SM_XXXX_REP_CLE_GL, DBL_SM_XXXX_REP_CLE_MO and DBL_SM_XXXX_REP_CLE_WE have been updated in order to allow 'S2D_____' and 'S2P_____' values for the "File_Type" tag, within "Aux_Tech_Data_List"/"record" structure (DPGS-PR-1765) → HDR_SM_XXXX_AUX_VTEC_C, HDR_SM_XXXX_AUX_VTEC_P and HDR_SM_XXXX_AUX_VTEC_R

Version	Date	Change Description
		have been updated to allow three digits instead of two for the "Solar_flux" values (VTEC-PR-0038)

05-00-00	20-May-11	→ The following schemas delivered by ARGANS (Paul Spurgeon) on May 9th have been added to the distribution:
		  ○ DBL_SM_XXXX_AUX_CNFOSD_0300.xsd
		  ○ DBL_SM_XXXX_AUX_CNFOSF_0300.xsd
		  ○ DBL_SM_XXXX_MIR_OSUDP2_0300.binXschema.xml
		  The format of these files is specified in SO-TN-IDR-GS-0006 v6.0
		 → The following schemas delivered by DEIMOS (Antonio Gutierrez)on May 10th have been added to the distribution:
		  ○ DBL_SM_XXXX_AUX_CNFL1P_0300.xsd
		  ○ DBL_SM_XXXX_AUX_LCF____0300.xsd
		  ○ DBL_SM_XXXX_MIR_CRSD1A_0300.binXschema.xml
		  ○ HDR_SM_XXXX_MIR_CRSD1A_0300.xsd
		  ○ DBL_SM_XXXX_MIR_CRSU1A_0300.binXschema.xml
		  ○ HDR_SM_XXXX_MIR_CRSU1A_0300.xsd
		  The format of these files is specified in SO-TN-IDR-GS-0005 v5.20
		 → The following schemas delivered by Array (Ali Mahmoodi)on May 11th have been added to the distribution:
		  ○ DBL_SM_XXXX_AUX_CNFSMD_0300.xsd
		  ○ DBL_SM_XXXX_AUX_CNFSMF_0300.xsd
		  ○ DBL_SM_XXXX_MIR_SMUDP2_0300.binXschema.xml
		  The format of these files is specified in SO-TN-IDR-GS-0006 v6.0
		 Remaining updates do not correspond to format changes but they are only increases in the major version of the schemas to indicate the new baseline (V500)

05-00-01	10-Jun-2011	→ DBL_SM_XXXX_AUX_ECMWF__0300.binXschema.xml, HDR_SM_XXXX_AUX_ECMWF__0300.xsd, DBL_SM_XXXX_AUX_DFFLAI_0300.binXschema.xml, HDR_SM_XXXX_AUX_DFFLAI_0300.xsd, DBL_SM_XXXX_AUX_VTEC_C_0300.binXschema.xml, HDR_SM_XXXX_AUX_VTEC_C_0300.xsd, DBL_SM_XXXX_AUX_VTEC_P_0300.binXschema.xml, HDR_SM_XXXX_AUX_VTEC_P_0300.xsd, DBL_SM_XXXX_AUX_VTEC_R_0300.binXschema.xml, HDR_SM_XXXX_AUX_VTEC_R_0300.xsd have been added to the distribution. They do not contain any format change regarding the previous version of the schemas but their versions have been increased to link them to V500 baseline.

Version	Date	Change Description
		→ DBL_SM_XXXX_CNF_L1OP__ , DBL_SM_XXXX_CNF_PRL1BD, DBL_SM_XXXX_CNF_PRL1BF and DBL_SM_XXXX_CNF_FTTGEN have been updated: new tag "Logical_Processing_Centre_Name" has been added according to ESA (R. Crapolicchio) indications received by e-mail on May 20th
05-00-02	04-Jul-2011	→ DBL_SM_XXXX_CNF_SMPSP_0300 has been updated: "List_Of_Hosts" structure has been included to allow installing the same CNF_SMPSP_ file in all machines. The schema has been delivered by Array on July 4th Notice that DBL_SM_XXXX_MIR_CRSD1A_0204.binXschema.xml, DBL_SM_XXXX_MIR_CRSU1A_0204.binXschema.xml and DBL_SM_XXXX_TLM_MIRA1A_0202.binXschema.xml have been added to the distribution to align it with schemas_2011-06-28_v04-07-11.
05-00-03	16-Sep-2011	→ DBL_SM_XXXX_CNF_L2SM___0301 schema file delivered by Array on September 12th has been added to the distribution. It has been updated to add "List_of_Multithreaded_Processors" and related types
05-01-00	25-Oct-2011	→ HDR_SM_XXXX_AUX_VTEC_R has been updated in order to correct SCH-PR-0010: [CRITICAL] "Max_TEC value in VTEC_R cannot be on 4 digits". The same update has been also applied to HDR_SM_XXXX_AUX_VTEC_C, HDR_SM_XXXX_AUX_VTEC_P to keep the VTEC product headers harmonized. → HDR_SM_XXXX_AUX_CNFNRT_0300.xsd, DBL_SM_XXXX_AUX_CNFNRT_0300.xsd, HDR_SM_XXXX_AUX_N256___0300.xsd, DBL_SM_XXXX_AUX_N256___0300.binXschema.xml, L1C_NRT_Specific_Product_Report_0003.xsd, HDR_SM_XXXX_REP_SCND1C_0300.xsd, DBL_SM_XXXX_REP_SCND1C_0300.xsd, HDR_SM_XXXX_REP_SCNF1C_0300.xsd and DBL_SM_XXXX_REP_SCNF1C_0300.xsd delivered by Deimos on October 21st have been incorporated into the schemas distribution. → DBL_SM_XXXX_AUX_OTT1D__0301.binXschema.xml, DBL_SM_XXXX_AUX_OTT1F__0301.binXschema.xml, DBL_SM_XXXX_AUX_OTT2D__0301.binXschema.xml, DBL_SM_XXXX_AUX_OTT2F__0301.binXschema.xml, DBL_SM_XXXX_AUX_OTT3D__0301.binXschema.xml, DBL_SM_XXXX_AUX_OTT3F__0301.binXschema.xml delivered by ARGANS (Paul Spurgeon) on October 24th have been added to the distribution.
05-01-01	21-Nov-2011	→ DBL_SM_XXXX_AUX_CNFSMD_0301 and DBL_SM_XXXX_AUX_CNFSMF_0301 delivered by Array

Version	Date	Change Description
		(Cecilia) on Nov-15th have been incorporated into the distribution.
05-01-02	28-Nov-2011	→ -DBL_SM_XXXX_AUX_N256___0301.binXschema.xml delivered by Deimos-Space (Esteban Santiago Zambrano) on November 24th has been incorporated into the distribution.
05-01-03	20-Jan-2012	→ "Logical_Processing_Centre_Name" tag has been added to DBL_SM_XXXX_CNF_BUFRCV_ schema to be compliant with CNF_BUFRCV file delivered with BUFRCV v1.5 SW
05-02-00	18-Apr-2012	→ DBL_SM_XXXX_MIR_CRSD1A_0301.binXschema.xml, DBL_SM_XXXX_MIR_CRSU1A_0301.binXschema.xml, HDR_SM_XXXX_MIR_CRSD1A_0301.xsd, HDR_SM_XXXX_MIR_CRSU1A_0301.xsd, DBL_SM_XXXX_MIR_CSTD1A_0300.binXschema.xml, DBL_SM_XXXX_MIR_CSTU1A_0300.binXschema.xml, HDR_SM_XXXX_MIR_CSTD1A_0300.xsd and HDR_SM_XXXX_MIR_CSTU1A_0300.xsd delivered by DME (Antonio Gutierrez) on November 2nd have been incorporated into the dpgs distribution. The schemas are consistent with SO-TN-IDR-GS-0005 L1 Spec v5.23 2012-02-24
05-02-01	15-May-2012	→ New version of schemas released to include REP_CSTD1A schema as it was requested by R. Crapolicchio by e-mail on 11-May-2012

06-00-00	14-Dec-2012	New version of the schemas released to include the schemas delivered by Array and ARGANS for the L2 V600 baseline.The data formats are consistent with L2 Spec v7.0 2012-12-14
		 • For L2OS V600 baseline, the following schemas are updated:
		  ○ DBL_SM_XXXX_AUX_CNFOSD_0400.xsd
		  ○ DBL_SM_XXXX_AUX_CNFOSF_0400.xsd
		  ○ DBL_SM_XXXX_AUX_GAL2OS_0400.binXschema.xml
		  ○ DBL_SM_XXXX_CNF_L2OS___0400.xsd
		  ○ DBL_SM_XXXX_MIR_OSDAP2_0400.binXschema.xml
		  ○ DBL_SM_XXXX_MIR_OSUDP2_0400.binXschema.xml
		  ○ DBL_SM_XXXX_AUX_DGGRFI_0400.binXschema.xml
		 The HDR schemas associated to these DBL schemas have been copied with version 0400.
		
		 • For L2SM V600 baseline:
		 The following schemas associated to new auxiliary data files are added:
		  ○ DBL_SM_XXXX_AUX_DFFSNO_0400.binXschema.xml

Version	Date	Change Description

		○ HDR_SM_XXXX_AUX_DFFSNO_0400.xsd
		   ○ DBL_SM_XXXX_AUX_DFFSOI_0400.binXschema.xml
		   ○ HDR_SM_XXXX_AUX_DFFSOI_0400.xsd
		The following schemas are updated:
		   ○ DBL_SM_XXXX_AUX_CNFSMD_0400xsd
		   ○ DBL_SM_XXXX_AUX_CNFSMF_0400.xsd
		   ○ DBL_SM_XXXX_AUX_DGGFLO_0400.binXschema.xml
		   ○ DBL_SM_XXXX_AUX_DGGROU_0400.binXschema.xml
		   ○ DBL_SM_XXXX_AUX_DGGTFO_0400.binXschema.xml
		   ○ DBL_SM_XXXX_AUX_DGGTLV_0400.binXschema.xml
		   ○ DBL_SM_XXXX_MIR_SMUDP2_0400.binXschema.xml
		   ○ DBL_SM_XXXX_AUX_DGGRFI_0400.binXschema.xml
		The HDR schemas associated to these DBL schemas have been copied with version 0400.
		Please note that only new schemas have been versioned with major version "04" (those that have not suffered any change are kept with major version 03). The content of L2 and Post-processors Internal configuration files associated to V600 need to be updated in accordance with this approach.

06-00-01	21-Dec-2012	New version issued to correct a bug in schemas_config.xml associated to schemas_2012-12-14_v06-00-00. The error was reported by Array (Cecilia) on December 18th and it is related to a wrong value for the <PATH> parameter of AUX_DFFSOI file.
06-01-00	20-May-2013	New schemas associated to L1OP v600 baseline are added to the distribution (sent by Deimos on 17/05/2013). The content of the following schemas is updated: • DBL_SM_XXXX_AUX_CNFL1P_0400.xsd • DBL_SM_XXXX_AUX_PLM_____0400.xsd • DBL_SM_XXXX_AUX_PMS_____0400.xsd • HDR_SM_XXXX_MIR_BWLD1C_0400.xsd • HDR_SM_XXXX_MIR_BWLF1C_0400.xsd • HDR_SM_XXXX_MIR_BWSD1C_0400.xsd • HDR_SM_XXXX_MIR_BWSF1C_0400.xsd • DBL_SM_XXXX_MIR_CRSD1A_0400.binXschema.xml • HDR_SM_XXXX_MIR_CRSD1A_0400.xsd

Version	Date	Change Description
		• DBL_SM_XXXX_MIR_CRSU1A_0400.binXschema.xml • DBL_SM_XXXX_MIR_FTTD___0400.binXschema.xml • HDR_SM_XXXX_MIR_FTTD___0400.xsd • DBL_SM_XXXX_MIR_FTTF___0400.binXschema.xml • HDR_SM_XXXX_MIR_FTTF___0400.xsd • DBL_SM_XXXX_MIR_SC_D1A_0400.binXschema.xml • HDR_SM_XXXX_MIR_SC_D1A_0400.xsd • HDR_SM_XXXX_MIR_SC_D1B_0400.xsd • DBL_SM_XXXX_MIR_SC_F1A_0400.binXschema.xml • HDR_SM_XXXX_MIR_SC_F1A_0400.xsd • HDR_SM_XXXX_MIR_SC_F1B_0400.xsd • HDR_SM_XXXX_MIR_SCLD1C_0400.xsd • HDR_SM_XXXX_MIR_SCLF1C_0400.xsd • HDR_SM_XXXX_MIR_SCSD1C_0400.xsd • HDR_SM_XXXX_MIR_SCSF1C_0400.xsd • DBL_SM_XXXX_MIR_TARD1A_0400.binXschema.xml • HDR_SM_XXXX_MIR_TARD1A_0400.xsd • HDR_SM_XXXX_MIR_TARD1B_0400.xsd • DBL_SM_XXXX_MIR_TARF1A_0400.binXschema.xml • HDR_SM_XXXX_MIR_TARF1A_0400.xsd • HDR_SM_XXXX_MIR_TARF1B_0400.xsd Regarding L2OS, the following schemas sent by Raffaele Crapolicchio on 25/04/2013, are included in the distribution: • DBL_SM_XXXX_AUX_CNFOSD_0401.xsd • DBL_SM_XXXX_AUX_CNFOSF_0401.xsd
06-01-01	31-Jul-2013	-DBL_SM_XXXX_AUX_CNFSMD_0401.xsd and DBL_SM_XXXX_AUX_CNFSMF_0401.xsd delivered by Array on July 23rd have been incorporated to the distribution. These new schemas are associated to L2SM v06.10 FAT -DBL_SM_XXXX_MIR_GMATD__0301.binXschema.xml and

Version	Date	Change Description
		DBL_SM_XXXX_MIR_GMATU__0301.binXschema.xml schemas have been updated in order to allow 153664 columns instead of 65536 -DBL_SM_XXXX_CNF_L0PGEN_0010.xsd has been updated to include "Cleaning_Parameters" structure
06-02-00	04-Sep-2013	The following schemas delivered by ARGANS for L2OS v610 and OSCOTT v610 have been incorporated into the distribution: • DBL_SM_XXXX_AUX_CNFOSD_0402.xsd • DBL_SM_XXXX_AUX_CNFOSF_0402.xsd • DBL_SM_XXXX_AUX_DTBCUR_0400.binXschema.xml • HDR_SM_XXXX_AUX_DTBCUR_0400.xsd • DBL_SM_XXXX_AUX_DTBXY__0400.binXschema.xml • HDR_SM_XXXX_AUX_DTBXY__0400.xsd • DBL_SM_XXXX_CNF_L2OS___0401.xsd • DBL_SM_XXXX_CNF_OSCOTT_0400.xsd • HDR_SM_XXXX_CNF_OSCOTT_0400.xsd • DBL_SM_XXXX_REP_DTBCUR_0400.xsd • HDR_SM_XXXX_REP_DTBCUR_0400.xsd • DBL_SM_XXXX_REP_DTBXY__0400.xsd • HDR_SM_XXXX_REP_DTBXY__0400.xsd • DBL_SM_XXXX_REP_OTT1D__0400.xsd • HDR_SM_XXXX_REP_OTT1D__0400.xsd • DBL_SM_XXXX_REP_OTT1F__0400.xsd • HDR_SM_XXXX_REP_OTT1F__0400.xsd • DBL_SM_XXXX_REP_OTT2D__0400.xsd • HDR_SM_XXXX_REP_OTT2D__0400.xsd • DBL_SM_XXXX_REP_OTT2F__0400.xsd • HDR_SM_XXXX_REP_OTT2F__0400.xsd • DBL_SM_XXXX_REP_OTT3D__0400.xsd • HDR_SM_XXXX_REP_OTT3D__0400.xsd • DBL_SM_XXXX_REP_OTT3F__0400.xsd

Version	Date	Change Description
		• HDR_SM_XXXX_REP_OTT3F__0400.xsd
06-02-01	13-Nov-2013	DBL_SM_XXXX_MIR_OSDAP2_0401.binXschema.xml delivered by IDEAS (Massimo Cardaci) on October 31 has been incorporated into the distribution.
06-02-02	07-Mar-2014	• DBL_SM_XXXX_AUX_CNFL1P_0401.xsd schema delivered by IPFTOOLS CCB (Raffaele Crapolicchio) on March 3rd has been added to the distribution. It includes the following changes regarding previous version: "BT_Dual_RFI_Tail_Flag_Threshold", "BT_Full_RFI_Tail_Flag_Threshold", "Estimated_RFI_Radius_Constant_A", "Estimated_RFI_Radius_Constant_B", "Maximum_RFI_Radius_Threshold" are added. • New version of Complex_Unit_Types file (Complex_Unit_Types_0018.xsd) is included to incorporate the complex type "K_float_04p3f_Unit_Type" required by new DBL_SM_XXXX_AUX_CNFL1P_0401.xsd
06-02-03	04-Apr-2014	• DBL_SM_XXXX_AUX_CNFL1P_0402.xsd is updated to allow positive and negative values for "Estimated_RFI_Radius_Constant_A" and "Estimated_RFI_Radius_Constant_B", as is requested by IDEAS (R.Crapolicchio) on March 31.
06-03-00	22-Aug-2014	• DBL_SM_XXXX_AUX_DTBXY__0402.binXschema.xml, DBL_SM_XXXX_AUX_CNFSMD_0402.xsd, DBL_SM_XXXX_AUX_CNFSMF_0402.xsd, DBL_SM_XXXX_AUX_DGGROU_0401.binXschema.xml, DBL_SM_XXXX_AUX_DGGTFO_0401.binXschema.xml, DBL_SM_XXXX_AUX_DGGTLV_0401.binXschema.xml delivered by Raffaele Crapolicchio on August 5th (e-mail : [SMOS] Schema change request) have been included in the dpgs schemas distribution *Please note that DBL_SM_XXXX_AUX_DTBXY__0401.binXschema is a simply copy of DBL_SM_XXXX_AUX_DTBXY__0400.binXschema generated to keep consecutive versions in the dpgs delivery
06-03-01	18-Mar-2015	DBL_SM_XXXX_AUX_CNFNRT_0301.xsd schema delivered by CEC on March 13th has been added to the distribution
07-00-00	25-May-2015	Version updated to incorporate the schemas delivered by DME on May 12th for L1OP V700 baseline. New schemas included in the distribution are: HDR_SM_XXXX_AUX_CNFL1P_0500.xsd • DBL_SM_XXXX_AUX_CNFL1P_0500.xsd • HDR_SM_XXXX_AUX_LCF_____0400.xsd • DBL_SM_XXXX_AUX_LCF_____0400.xsd

Version	Date	Change Description
		• HDR_SM_XXXX_MIR_CRSD1A_0500.xsd • DBL_SM_XXXX_MIR_CRSD1A_0500.binXschema.xml • HDR_SM_XXXX_MIR_SC_F1A_0500.xsd • DBL_SM_XXXX_MIR_SC_F1A_0500.binXschema.xml • HDR_SM_XXXX_MIR_UAVD1A_0400.xsd • DBL_SM_XXXX_MIR_UAVD1A_0400.binXschema.xml • HDR_SM_XXXX_TLM_MIRA1A_0400.xsd • DBL_SM_XXXX_TLM_MIRA1A_0400.binXschema.xml
07-00-01	31-Aug-2015	Version updated to include the schemas delivered by ESA (R. Crapolicchio) on August 7th for L1OP V700 baseline. New schemas added to the distribution are: • HDR_SM_XXXX_AUX_LCF_____0500.xsd • DBL_SM_XXXX_AUX_LCF_____0500.xsd • HDR_SM_XXXX_AUX_PLM_____0500.xsd • DBL_SM_XXXX_AUX_PLM_____0500.xsd • HDR_SM_XXXX_MIR_SC_D1A_0500.xsd • DBL_SM_XXXX_MIR_SC_D1A_0500.binXschema.xml • HDR_SM_XXXX_MIR_TARD1A_0500.xsd • DBL_SM_XXXX_MIR_TARD1A_0500.binXschema.xml • HDR_SM_XXXX_MIR_TARF1A_0500.xsd • DBL_SM_XXXX_MIR_TARF1A_0500.binXschema.xml
07-01-00	18-Dec-2015	New version released to include new schemas delivered by ARGANS on November 23rd to be used with L2OS v650. The following schemas have been updated regarding previous version: • DBL_SM_XXXX_AUX_CNFOSD_0403.xsd • DBL_SM_XXXX_AUX_CNFOSF_0403.xsd • HDR_SM_XXXX_AUX_MSOTT__0400.xsd

Version	Date	Change Description
		• DBL_SM_XXXX_AUX_MSOTT__0400.binXschema.xml
		• HDR_SM_XXXX_AUX_SGLINT_0400.xsd
		• DBL_SM_XXXX_AUX_SGLINT_0400.binXschema.xml
		• HDR_SM_XXXX_AUX_SUN_BT_0400.xsd
		• DBL_SM_XXXX_AUX_SUN_BT_0400.binXschema.xml
07-02-00	01-Apr-2016	Version released to include L2OS schemas to be used with L2OS V660 and new Snow Pre-processor schemas. The following L2OS schemas have been delivered by ESA (R.Crapolicchio on 17/03/2016): • DBL_SM_XXXX_AUX_CNFOSD_0404.xsd • DBL_SM_XXXX_AUX_CNFOSF_0404.xsd • DBL_SM_XXXX_AUX_SSS____0400.binXschema.xml • HDR_SM_XXXX_AUX_SSS____0400.xsd • DBL_SM_XXXX_MIR_OSDAP2_0402.binXschema.xml • DBL_SM_XXXX_MIR_OSUDP2_0401.binXschema.xml The following Snow Pre-processor schemas have been delivered by ESA (R.Crapolicchio on 21/03/2016) as well: • HDR_SM_XXXX_CNF_SNOWP__0400.xsd • DBL_SM_XXXX_CNF_SNOWP__0400.xsd • DBL_SM_XXXX_REP_DFFSNO_0400.xsd • HDR_SM_XXXX_REP_DFFSNO_0400.xsd
07-02-01	18-Apr-2016	DBL_SM_XXXX_REP_DFFSNO_0401 updated to change the type associated to Input_File from string_File_Name_60_Type to string_Type
07-03-00	30-Aug-2016	The following schemas delivered by L1 ESL (J. Barbosa) on 19/08/2016 have been included in the distribution: • DBL_SM_XXXX_AUX_CNFL1P_0501.xsd • DBL_SM_XXXX_AUX_PMS____0401.xsd • DBL_SM_XXXX_MIR_SCLD1C_0401.binXschema.xml • DBL_SM_XXXX_MIR_SCLF1C_0401.binXschema.xml • DBL_SM_XXXX_MIR_SCSD1C_0401.binXschema.xml • DBL_SM_XXXX_MIR_SCSF1C_0401.binXschema.xml

Version	Date	Change Description
		• HDR_SM_XXXX_MIR_SC_D1B_0401.xsd • HDR_SM_XXXX_MIR_SC_F1B_0401.xsd • HDR_SM_XXXX_MIR_TARD1B_0401.xsd • HDR_SM_XXXX_MIR_TARF1B_0401.xsd
07-03-01	10-Jan-2017	DBL_SM_XXXX_AUX_CNFSMD_0403 and DBL_SM_XXXX_AUX_CNFSMF_0403 delivered by IDEAS (R.Crapolicchio) on 20/12/2016 have been incorporated to the distribution. Both schemas are applicable to L2 SM V650.
07-03-02	10-Jul-2017	DBL_SM_XXXX_AUX_CNFL1P_0502 updated to fix a wrong type associated to "Reconstruction_Image_Algorithm" parameter and to remove "Max_Snapshot_RFI_Threshold_04" in accordance with SO-TN-IDR-GS-0005_v6.3_L1 Spec (errors sent by R. Crapolicchio by e-mail under subject "[SMOS] Schema-v07-03-00 issues")
07-04-00	25-Oct-2017	The following schemas delivered by Deimos (Jose Barbosa) on October 17th have been incorporated to the distribution: 1) HDR_SM_XXXX_MIR_SC_F1B_0402.xsd, HDR_SM_XXXX_MIR_SC_D1B_0402.xsd, HDR_SM_XXXX_MIR_TARF1B_0402.xsd and HDR_SM_XXXX_MIR_TARD1B_0402.xsd: • Addition of WGS84 data to SPH 2) DBL_SM_XXXX_MIR_SC_F1B_0401.binXschema, DBL_SM_XXXX_MIR_SC_D1B_0401.binXschema, DBL_SM_XXXX_MIR_TARF1B_0401.binXschema and DBL_SM_XXXX_MIR_TARD1B_0401.binXschema: • Incorporation of Matrix_BFP2EF (9 double values) to DBL 3) DBL_SM_XXXX_AUX_NIR_____0301.xsd: • Added fixed Tna0 values • Added "L_P_H" and "R" parameters Tp7 latency correction 4) DBL_SM_XXXX_AUX_LCF_____0501.xsd: • Added G_kj correction factor for NIR and ALL-LICEF modes independently 5) DBL_SM_XXXX_AUX_PATT___0301.binXschema: • Changed antenna patterns data. AP are now in the instrument frame grid of 196x196 6) DBL_SM_XXXX_AUX_CNFL1P_0503.xsd: • Corrected Reference_Temperature_Level and Earth_Contribution_Correction types in Prod. Spec. to Integer (were Flag type)

Version	Date	Change Description
		• Added fixed TP7 correction flag (Tp7_Correction_Flag) • Added fixed Tna flag (Fixed_Tna_Flag) • Added Sun Removal option for new improved Sun estimation **7)** Added new DBL_SM_XXXX_AUX_FRSNEL_0001.binXschema and HDR_SM_XXXX_AUX_FRSNEL_0001 for Static Fresnel Model
07-04-01	10-Nov-2017	Basic_Types_0017.xsd slightly modified to allow the value 4 for the type "integer_01d_Direct_Correction_Type_Type" associated to "Direct_Sun_Correction_Type". The change is requested by Deimos (Gonçalo Lopes) on 02/11/207 (e-mail under subject [SMOS]: Small L1OP v720 schema issue)
07-04-02	20-Dec-2017	New schemas DBL_SM_XXXX_RQC_RAWDES_0001.xsd, HDR_SM_XXXX_RQC_RAWDES_0001.xsd, DBL_SM_XXXX_RQD_RAWDES_0001.xsd, HDR_SM_XXXX_RQD_RAWDES_0001.xsd have been added to the distribution, as it was agreed with Raffaele Caproliccio by e-mail (13/12/2017, subject: RE: SPQC telecon notes). See SPQC-PR-0273 for details.
07-04-03	31-Jan-2018	New version of schemas delivered to fix SCH-PR-0012 "[ROUTINE] Typo in schema_config.xml" is fixed
07-04-04	25-Apr-2018	DBL_SM_XXXX_AUX_GAL2OS_0500.binXschema.xml delivered by IDEAS (Raffaele Crapolicchio) on April 24 has been incorporated to the schemas distribution.
07-04-05	14-Jun-2018	DBL_SM_XXXX_AUX_CNFL1P_0504.xsd delivered by IDEAS (Raúl Díez García) on June 7th (subject: [SMOS] Operational ADF Configuration Control Document v2.01) has been incorporated to the official distribution
07-04-06	23-Jul-2018	DBL_SM_XXXX_AUX_GAL2OS_0501.binXschema.xml delivered by IDEAS (Raffaele Crapolicchio) on July 19th has been incorporated to the schemas distribution.
07-04-07	18-Sep-2018	HDR_SM_XXXX_AUX_ORBRES_0100.xsd, HDR_SM_XXXX_AUX_ORBPRE_0100.xsd, DBL_SM_XXXX_MPL_ORBSCT_0100.xsd and HDR_SM_XXXX_MPL_ORBSCT_0100.xsd updated in accordance with PE-ID-ESA-GS-584-1.2-EO_Mission_SW_File_Format_Specs
07-04-08	24-Oct-2018	New release of schemas to allow no "<Harmonic_Term>" below the <Harmonics_Terms num="0"/> (in accordance with PE-ID-ESA-GS-584-1.2-EO_Mission_SW_File_Format_Specs) for the schema associated to MPL_ORBSCT file

Version	Date	Change Description
07-04-09	18-Dec-2018	HDR_SM_XXXX_MPL_PROTEV schema has been updated in accordance to the information provided by Jorge Fauste (e-mail sent on 12/12/2018 under subject RE: L0Pv309 Deployment Plan)
07-05-00	11-Apr-2019	DBL_SM_XXXX_CNF_ECMWF__0201.xsd, DBL_SM_XXXX_MIR_SCND1A_0201.binXschema.xml, DBL_SM_XXXX_MIR_SCND1B_0201.binXschema.xml, DBL_SM_XXXX_MIR_SCND1C_0201.binXschema.xml, DBL_SM_XXXX_MIR_SCNF1A_0201.binXschema.xml DBL_SM_XXXX_MIR_SCNF1B_0201.binXschema.xml, DBL_SM_XXXX_MIR_SCNF1C_0201.binXschema.xml, HDR_SM_XXXX_MIR_SCND1A_0201.xsd, HDR_SM_XXXX_MIR_SCND1B_0202.xsd, HDR_SM_XXXX_MIR_SCND1C_0201.xsd, HDR_SM_XXXX_MIR_SCNF1A_0201.xsd, HDR_SM_XXXX_MIR_SCNF1B_0202.xsd and HDR_SM_XXXX_MIR_SCNF1C_0201.xsd delivered by Raffaele Crapolicchio (IDEAS) on February 18th have been added to the distribution.
07-06-00	25-Oct-2019	Basic_Types_0018.xsd, DBL_SM_XXXX_AUX_CNFL1P_0506.xsd, DBL_SM_XXXX_AUX_NIR____0302.xsd, DBL_SM_XXXX_AUX_PMS____0402.xsd, DBL_SM_XXXX_AUX_SUNCAL_0001.binXschema.xml, DBL_SM_XXXX_MIR_SC_D1B_0402.binXschema.xml, DBL_SM_XXXX_MIR_SC_F1B_0402.binXschema.xml, DBL_SM_XXXX_MIR_TARD1B_0402.binXschema.xml, DBL_SM_XXXX_MIR_TARF1B_0402.binXschema.xml, HDR_SM_XXXX_AUX_CNFL1P_0501.xsd, HDR_SM_XXXX_AUX_NIR____0302.xsd, HDR_SM_XXXX_AUX_PMS____0401.xsd, HDR_SM_XXXX_AUX_SUNCAL_0001.xsd, HDR_SM_XXXX_MIR_SC_D1B_0403.xsd, HDR_SM_XXXX_MIR_SC_F1B_0403.xsd, HDR_SM_XXXX_MIR_TARD1B_0403.xsd, HDR_ SO-RN-IDR-GS-0268.xsd and L1_SPH_Sun_BT_Statistics_0001.xsd have been added in accordance to the information provided by Gonçalo Lopes (e-mail sent on 14/10/2019) Auxiliary_L1_Main_SPH_for_Binary_0012.xsd, Auxiliary_L1_Main_SPH_for_XML_0013.xsd, Auxiliary_SPH_Data_Sets_0013.xsd, Complex_Unit_Types_0019.xsd, Fixed_Header_0017.xsd, L1_Main_Product_Header_0013.xsd, L1_SPH_Data_Sets_0014.xsd, L1_SPH_Foreign_Sources_Correction_B_0014.xsd, L1_SPH_Main_Info_0013.xsd, L1_SPH_Ocean_Fresnel_Parameters_B_0003.xsd, L1_SPH_Quality_Information_0012.xsd have been updated

Version	Date	Change Description
		in order to include Basic_Types_0018.xsd
07-07-00	13-Dec-2019	DBL_SM_XXXX_AUX_CNFOSD_0405.xsd,
		DBL_SM_XXXX_AUX_CNFOSF_0405.xsd,
		DBL_SM_XXXX_AUX_CNFSMD_0404.xsd, HDR_SM_XXXX_AUX_CNFSMD_0401.xsd,
		DBL_SM_XXXX_AUX_CNFSMF_0404.xsd, HDR_SM_XXXX_AUX_CNFSMF_0401.xsd,
		DBL_SM_XXXX_AUX_DFFSOI_0401.binXschema.xml, HDR_SM_XXXX_AUX_DFFSOI_0401.xsd,
		DBL_SM_XXXX_AUX_DTBXY__0403.binXschema.xml,
		DBL_SM_XXXX_AUX_FLTSEA_0400.xsd, HDR_SM_XXXX_AUX_FLTSEA_0400.xsd,
		DBL_SM_XXXX_AUX_SSSCLI_0001.binXschema.xml, HDR_SM_XXXX_AUX_SSSCLI_0001.xsd,
		have been added in accordance to the information provided by Raffaele Crapolicchio (e-mail sent on 29/11/2019)
		Auxiliary_L2_Main_SPH_for_Binary_0009.xsd, Auxiliary_L2_SPH_Data_Sets_0011.xsd, Auxiliary_L2_Main_SPH_for_XML_0009.xsd have been updated in order to include Basic_Types_0018.xsd
07-08-00	17-Apr-2020	DBL_SM_XXXX_AUX_CNFL1P_0507.xsd, HDR_SM_XXXX_AUX_CNFL1P_0502.xsd,
		DBL_SM_XXXX_CNF_ECMWF__0202.xsd, HDR_SM_XXXX_CNF_ECMWF__0201.xsd have been added in accordance to the information provided by Gonçalo Lopes (e-mail sent on 03/04/2020) and Raffaele Crapolicchio (e-mail sent on 13/04/2020)
07-08-01	12-Apr-2021	AUX_SSSCLI updated according to new delivery done by Raffaele Crapolicchio on April 6th. DBL_SM_XXXX_AUX_SSSCLI_0002.binXschema.xml has been incorporated to the schemas release.
07-08-02	22-Jul-2021	HDR_SM_XXXX_MIR_SC_D1B_0402.xsd, HDR_SM_XXXX_MIR_SC_D1B_0403.xsd, HDR_SM_XXXX_MIR_SC_F1B_0402.xsd, HDR_SM_XXXX_MIR_SC_F1B_0403.xsd, HDR_SM_XXXX_MIR_SCND1B_0202.xsd, HDR_SM_XXXX_MIR_SCNF1B_0202.xsd, HDR_SM_XXXX_MIR_SCNF1B_0203.xsd HDR_SM_XXXX_MIR_TARD1B_0402.xsd, HDR_SM_XXXX_MIR_TARD1B_0403.xsd, HDR_SM_XXXX_MIR_TARD1B_0404.xsd, HDR_SM_XXXX_MIR_TARF1B_0402.xsd,

Version	Date	Change Description
		HDR_SM_XXXX_MIR_TARF1B_0403.xsd have been checked in accordance to the information provided by Raffaele Crapolicchio (e-mail sent on 08/07/2020)
		Basic_Types_0019.xsd, L1_SPH_Foreign_Sources_Correction_B_0015.xsd, Fixed_Header_0018.xsd, L1_Main_Product_Header_0014.xsd, Complex_Unit_Types_0020.xsd, L1_SPH_Main_Info_0014.xsd, L1_SPH_Data_Sets_0015.xsd, L1_SPH_Quality_Information_0013.xsd, L1_SPH_Ocean_Fresnel_Parameters_B_0004.xsd, L1_SPH_Sun_BT_Statistics_0002.xsd have been added in accordance to the information provided by Raffaele Crapolicchio (e-mail sent on 08/07/2020)
07-08-03	27-Jan-2022	DBL_SM_XXXX_MPL_ORBSCT_0102.xsd have been added in accordance to the information provided by Raffaele Crapolicchio o January 12th.
07-08-04	01-Sep-2022	Basic_Types_0020.xsd, Fixed_Header_0019.xsd, Complex_Unit_Types_0021.xsd, Complex_Unit_Types_DMS_0006.xsd, Auxiliary_Forecast_Information_0001.xsd, Auxiliary_SPH_Data_Sets_0014.xsd, Auxiliary_L1_Main_SPH_for_Binary_0013.xsd, Auxiliary_L2_Main_SPH_for_Binary_0010.xsd, Auxiliary_L2_SPH_Product_Location_0009.xsd, Auxiliary_L2_SPH_Data_Sets_0012.xsd, L1_SPH_Specific_Product_Location_Browse_C_0013.xsd, L1_SPH_Geolocation_Information_Browse_C_0005.xsd, L1_SPH_Main_Info_DMS_0002.xsd, L1_SPH_Quality_Information_DMS_0002.xsd, L1_SPH_Sun_Glint_Wind_Interpolation_Parameters_B_0001 DBL_SM_XXXX_AUX_CNFOSD_0406.binXschema.xml, HDR_SM_XXXX_AUX_CNFOSF_0406.xsd, DBL_SM_XXXX_AUX_DNBSF__0001.binXschema.xml, HDR_SM_XXXX_AUX_DNBSF__0001.xsd, DBL_SM_XXXX_AUX_DNBSLC_0001.binXschema.xml, HDR_SM_XXXX_AUX_DNBSLC_0001.xsd, DBL_SM_XXXX_AUX_DNBTCS_0001.binXschema.xml, HDR_SM_XXXX_AUX_DNBTCS_0001.xsd, HDR_SM_XXXX_AUX_DTBXY__0401.xsd, DBL_SM_XXXX_AUX_GAL2OS_0502.binXschema.xml, DBL_SM_XXXX_AUX_SBPCBT_0001.xsd, HDR_SM_XXXX_AUX_SBPCBT_0001.xsd, DBL_SM_XXXX_AUX_WINDS__0001.binXschema.xml, DBL_SM_XXXX_AUX_WINDS__0002.binXschema.xml, HDR_SM_XXXX_AUX_WINDS__0001.xsd, HDR_SM_XXXX_AUX_WINDS__0002.xsd,

Version	Date	Change Description
		DBL_SM_XXXX_AUX_CNFSMD_0405.xsd, DBL_SM_XXXX_AUX_CNFSMD_0406.xsd, DBL_SM_XXXX_AUX_CNFSMF_0405.xsd, DBL_SM_XXXX_AUX_CNFSMF_0406.xsd, DBL_SM_XXXX_AUX_PATT___0302.binXschema.xml, HDR_SM_XXXX_AUX_PATT___0302.xsd, DBL_SM_XXXX_AUX_LCF____0502.xsd, HDR_SM_XXXX_AUX_LCF____0501.xsd, DBL_SM_XXXX_AUX_NIR____0303.xsd, HDR_SM_XXXX_AUX_NIR____0303.xsd, DBL_SM_XXXX_AUX_ECMWF__0301.binXschema.xml, HDR_SM_XXXX_AUX_ECMWF__0301.xsd, DBL_SM_XXXX_AUX_CNFL1P_0509.xsd, DBL_SM_XXXX_AUX_CNFL1P_0508.xsd, HDR_SM_XXXX_AUX_CNFL1P_0503.xsd, HDR_SM_XXXX_AUX_CNFL1P_0504.xsd, DBL_SM_XXXX_CNF_ECMWF__0300.xsd, HDR_SM_XXXX_CNF_ECMWF__0300.xsd, DBL_SM_XXXX_MIR_BWLD1C_0401.binXschema.xml, HDR_SM_XXXX_MIR_BWLD1C_0401.xsd, DBL_SM_XXXX_MIR_BWLF1C_0401.binXschema.xml, HDR_SM_XXXX_MIR_BWLF1C_0401.xsd, DBL_SM_XXXX_MIR_BWND1C_0201.binXschema.xml, HDR_SM_XXXX_MIR_BWND1C_0201.xsd, DBL_SM_XXXX_MIR_BWSD1C_0401.binXschema.xml, HDR_SM_XXXX_MIR_BWSD1C_0401.xsd, DBL_SM_XXXX_MIR_BWSF1C_0401.binXschema.xml, HDR_SM_XXXX_MIR_BWSF1C_0401.xsd, DBL_SM_XXXX_MIR_CRSD1A_0501.binXschema.xml, DBL_SM_XXXX_MIR_CRSD1A_0502.binXschema.xml, HDR_SM_XXXX_MIR_CRSD1A_0501.xsd, HDR_SM_XXXX_MIR_CRSD1A_0502.xsd, DBL_SM_XXXX_MIR_SC_D1B_0403.binXschema.xml, DBL_SM_XXXX_MIR_SC_D1B_0404.binXschema.xml, HDR_SM_XXXX_MIR_SC_D1B_0404.xsd, HDR_SM_XXXX_MIR_SC_D1B_0405.xsd, DBL_SM_XXXX_MIR_SC_F1B_0403.binXschema.xml, DBL_SM_XXXX_MIR_SC_F1B_0404.binXschema.xml, HDR_SM_XXXX_MIR_SC_F1B_0404.xsd, HDR_SM_XXXX_MIR_SC_F1B_0405.xsd, DBL_SM_XXXX_MIR_SCLD1C_0402.binXschema.xml, HDR_SM_XXXX_MIR_SCLD1C_0401.xsd, DBL_SM_XXXX_MIR_SCLF1C_0402.binXschema.xml, HDR_SM_XXXX_MIR_SCLF1C_0401.xsd, DBL_SM_XXXX_MIR_SCND1B_0202.binXschema.xml, HDR_SM_XXXX_MIR_SCND1B_0203.xsd, DBL_SM_XXXX_MIR_SCND1C_0202.binXschema.xml, HDR_SM_XXXX_MIR_SCND1C_0202.xsd, DBL_SM_XXXX_MIR_SCNF1C_0202.binXschema.xml, HDR_SM_XXXX_MIR_SCNF1C_0202.xsd, DBL_SM_XXXX_MIR_SCSD1C_0402.binXschema.xml, HDR_SM_XXXX_MIR_SCSD1C_0401.xsd, DBL_SM_XXXX_MIR_SCSF1C_0402.binXschema.xml, HDR_SM_XXXX_MIR_SCSF1C_0401.xsd, DBL_SM_XXXX_MIR_TARD1B_0403.binXschema.xml, DBL_SM_XXXX_MIR_TARD1B_0404.binXschema.xml, HDR_SM_XXXX_MIR_TARD1B_0405.xsd, DBL_SM_XXXX_MIR_TARF1B_0403.binXschema.xml, DBL_SM_XXXX_MIR_TARF1B_0404.binXschema.xml,

Version	Date	Change Description
		HDR_SM_XXXX_MIR_TARF1B_0404.xsd, DBL_SM_XXXX_MIR_TARF1B_0405.xsd, DBL_SM_XXXX_MIR_UAVD1A_0401.binXschema.xml, HDR_SM_XXXX_MIR_UAVD1A_0401.xsd have been added according to new delivery done by Raffaele Crapolicchio on July 13th.

Table 6-1: Change List

7. XML SCHEMAS

The list attached below details all the schemas contained within the delivery:

SM_XXXX_AUX_AGDPT__0201

SM_XXXX_AUX_AGDPT__0200

SM_XXXX_AUX_AGDPT__0100

SM_XXXX_AUX_AGDPT__0007

SM_XXXX_AUX_AGDPT__0006

SM_XXXX_AUX_AGDPT__0005

SM_XXXX_AUX_AGDPT__0004

SM_XXXX_AUX_AGDPT__0003

SM_XXXX_AUX_AGDPT__0002

SM_XXXX_AUX_AGDPT__0001

SM_XXXX_AUX_APDL00_0010

SM_XXXX_AUX_APDL00_0009

SM_XXXX_AUX_APDL00_0008

SM_XXXX_AUX_APDL00_0007

SM_XXXX_AUX_APDL00_0006

SM_XXXX_AUX_APDL00_0005

SM_XXXX_AUX_APDL00_0004

SM_XXXX_AUX_APDL00_0003

SM_XXXX_AUX_APDL00_0002

SM_XXXX_AUX_APDL00_0001

SM_XXXX_AUX_APDL___0300

SM_XXXX_AUX_APDL___0200

SM_XXXX_AUX_APDL___0101

SM_XXXX_AUX_APDL___0100

SM_XXXX_AUX_APDNRT_0200

SM_XXXX_AUX_APDNRT_0100

SM_XXXX_AUX_APDS00_0011

SM_XXXX_AUX_APDS00_0010

SM_XXXX_AUX_APDS00_0009

SM_XXXX_AUX_APDS00_0008

SM_XXXX_AUX_APDS00_0007

SM_XXXX_AUX_APDS00_0006

SM_XXXX_AUX_APDS00_0005

SM_XXXX_AUX_APDS00_0004

SM_XXXX_AUX_APDS00_0003

SM_XXXX_AUX_APDS00_0002

SM_XXXX_AUX_APDS00_0001

SM_XXXX_AUX_APDS___0300

SM_XXXX_AUX_APDS___0201

SM_XXXX_AUX_APDS___0200

SM_XXXX_AUX_APDS___0103

SM_XXXX_AUX_APDS___0102

SM_XXXX_AUX_APDS___0101

SM_XXXX_AUX_APDS___0100

SM_XXXX_AUX_ATMOS__0300

SM_XXXX_AUX_ATMOS__0200

SM_XXXX_AUX_ATMOS__0100

SM_XXXX_AUX_ATMOS__0008

SM_XXXX_AUX_ATMOS__0007

SM_XXXX_AUX_ATMOS__0006

SM_XXXX_AUX_ATMOS__0005

SM_XXXX_AUX_ATMOS__0004

SM_XXXX_AUX_ATMOS__0003

SM_XXXX_AUX_ATMOS__0002

SM_XXXX_AUX_ATMOS__0001

SM_XXXX_AUX_AUXCT__0001

SM_XXXX_AUX_BFP____0300

SM_XXXX_AUX_BFP____0201

SM_XXXX_AUX_BFP____0200

SM_XXXX_AUX_BFP____0101

SM_XXXX_AUX_BFP____0100

SM_XXXX_AUX_BFP____0010

SM_XXXX_AUX_BFP____0009

SM_XXXX_AUX_BFP_____0008

SM_XXXX_AUX_BFP_____0007

SM_XXXX_AUX_BFP_____0006

SM_XXXX_AUX_BFP_____0005

SM_XXXX_AUX_BFP_____0004

SM_XXXX_AUX_BFP_____0003

SM_XXXX_AUX_BFP_____0002

SM_XXXX_AUX_BFP_____0001

SM_XXXX_AUX_BIGWBF_0008

SM_XXXX_AUX_BIGWBF_0007

SM_XXXX_AUX_BIGWBF_0006

SM_XXXX_AUX_BIGWBF_0005

SM_XXXX_AUX_BIGWBF_0004

SM_XXXX_AUX_BIGWBF_0003

SM_XXXX_AUX_BIGWBF_0002

SM_XXXX_AUX_BIGWBF_0001

SM_XXXX_AUX_BNDLST_0200

SM_XXXX_AUX_BSCAT__0300

SM_XXXX_AUX_BSCAT__0201

SM_XXXX_AUX_BSCAT__0200

SM_XXXX_AUX_BSCAT__0100

SM_XXXX_AUX_BULL_B_0300

SM_XXXX_AUX_BULL_B_0201

SM_XXXX_AUX_BULL_B_0200

SM_XXXX_AUX_BWGHT__0300

SM_XXXX_AUX_BWGHT__0200

SM_XXXX_AUX_BWGHT__0101

SM_XXXX_AUX_BWGHT__0100

SM_XXXX_AUX_CNFFAR_0201

SM_XXXX_AUX_CNFFAR_0200

SM_XXXX_AUX_CNFL0P_0100

SM_XXXX_AUX_CNFL0P_0008

SM_XXXX_AUX_CNFL0P_0007

SM_XXXX_AUX_CNFL0P_0006

SM_XXXX_AUX_CNFL0P_0005

SM_XXXX_AUX_CNFL0P_0004

SM_XXXX_AUX_CNFL0P_0003

SM_XXXX_AUX_CNFL0P_0002

SM_XXXX_AUX_CNFL0P_0001

SM_XXXX_AUX_CNFL1P_0509

SM_XXXX_AUX_CNFL1P_0508

SM_XXXX_AUX_CNFL1P_0507

SM_XXXX_AUX_CNFL1P_0506

SM_XXXX_AUX_CNFL1P_0503

SM_XXXX_AUX_CNFL1P_0502

SM_XXXX_AUX_CNFL1P_0501

SM_XXXX_AUX_CNFL1P_0500

SM_XXXX_AUX_CNFL1P_0402

SM_XXXX_AUX_CNFL1P_0401

SM_XXXX_AUX_CNFL1P_0400

SM_XXXX_AUX_CNFL1P_0300

SM_XXXX_AUX_CNFL1P_0212

SM_XXXX_AUX_CNFL1P_0211

SM_XXXX_AUX_CNFL1P_0210

SM_XXXX_AUX_CNFL1P_0209

SM_XXXX_AUX_CNFL1P_0208

SM_XXXX_AUX_CNFL1P_0207

SM_XXXX_AUX_CNFL1P_0206

SM_XXXX_AUX_CNFL1P_0205

SM_XXXX_AUX_CNFL1P_0204

SM_XXXX_AUX_CNFL1P_0203

SM_XXXX_AUX_CNFL1P_0202

SM_XXXX_AUX_CNFL1P_0201

SM_XXXX_AUX_CNFL1P_0200

SM_XXXX_AUX_CNFL1P_0101

SM_XXXX_AUX_CNFL1P_0100

SM_XXXX_AUX_CNFL1P_0010

SM_XXXX_AUX_CNFL1P_0009

SM_XXXX_AUX_CNFL1P_0008

SM_XXXX_AUX_CNFL1P_0007

SM_XXXX_AUX_CNFL1P_0006

SM_XXXX_AUX_CNFL1P_0005

SM_XXXX_AUX_CNFL1P_0004

SM_XXXX_AUX_CNFL1P_0003

SM_XXXX_AUX_CNFL1P_0002

SM_XXXX_AUX_CNFL1P_0001

SM_XXXX_AUX_CNFNRT_0301

SM_XXXX_AUX_CNFNRT_0300

SM_XXXX_AUX_CNFNRT_0206

SM_XXXX_AUX_CNFNRT_0205

SM_XXXX_AUX_CNFNRT_0204

SM_XXXX_AUX_CNFNRT_0203

SM_XXXX_AUX_CNFNRT_0202

SM_XXXX_AUX_CNFNRT_0201

SM_XXXX_AUX_CNFNRT_0200

SM_XXXX_AUX_CNFNRT_0101

SM_XXXX_AUX_CNFNRT_0100

SM_XXXX_AUX_CNFOSD_0406

SM_XXXX_AUX_CNFOSD_0405

SM_XXXX_AUX_CNFOSD_0404

SM_XXXX_AUX_CNFOSD_0403

SM_XXXX_AUX_CNFOSD_0402

SM_XXXX_AUX_CNFOSD_0401

SM_XXXX_AUX_CNFOSD_0400

SM_XXXX_AUX_CNFOSD_0300

SM_XXXX_AUX_CNFOSD_0203

SM_XXXX_AUX_CNFOSD_0202

SM_XXXX_AUX_CNFOSD_0201

SM_XXXX_AUX_CNFOSD_0200

SM_XXXX_AUX_CNFOSF_0406

SM_XXXX_AUX_CNFOSF_0405

SM_XXXX_AUX_CNFOSF_0404

SM_XXXX_AUX_CNFOSF_0403

SM_XXXX_AUX_CNFOSF_0402

SM_XXXX_AUX_CNFOSF_0401

SM_XXXX_AUX_CNFOSF_0400

SM_XXXX_AUX_CNFOSF_0300

SM_XXXX_AUX_CNFOSF_0203

SM_XXXX_AUX_CNFOSF_0202

SM_XXXX_AUX_CNFOSF_0201

SM_XXXX_AUX_CNFOSF_0200

SM_XXXX_AUX_CNFOS2_0100

SM_XXXX_AUX_CNFOS2_0008

SM_XXXX_AUX_CNFOS2_0007

SM_XXXX_AUX_CNFOS2_0006

SM_XXXX_AUX_CNFOS2_0005

SM_XXXX_AUX_CNFOS2_0004

SM_XXXX_AUX_CNFOS2_0003

SM_XXXX_AUX_CNFOS2_0002

SM_XXXX_AUX_CNFOS2_0001

SM_XXXX_AUX_CNFPOS_0001

SM_XXXX_AUX_CNFSMD_0406

SM_XXXX_AUX_CNFSMD_0405

SM_XXXX_AUX_CNFSMD_0404

SM_XXXX_AUX_CNFSMD_0402

SM_XXXX_AUX_CNFSMD_0401

SM_XXXX_AUX_CNFSMD_0400

SM_XXXX_AUX_CNFSMD_0301

SM_XXXX_AUX_CNFSMD_0300

SM_XXXX_AUX_CNFSMD_0203

SM_XXXX_AUX_CNFSMD_0202

SM_XXXX_AUX_CNFSMD_0201

SM_XXXX_AUX_CNFSMD_0200

SM_XXXX_AUX_CNFSMF_0406

SM_XXXX_AUX_CNFSMF_0405

SM_XXXX_AUX_CNFSMF_0404

SM_XXXX_AUX_CNFSMF_0402

SM_XXXX_AUX_CNFSMF_0401

SM_XXXX_AUX_CNFSMF_0400

SM_XXXX_AUX_CNFSMF_0301

SM_XXXX_AUX_CNFSMF_0300

SM_XXXX_AUX_CNFSMF_0203

SM_XXXX_AUX_CNFSMF_0202

SM_XXXX_AUX_CNFSMF_0201

SM_XXXX_AUX_CNFSMF_0200

SM_XXXX_AUX_CNFSM2_0100

SM_XXXX_AUX_CNFSM2_0006

SM_XXXX_AUX_CNFSM2_0005

SM_XXXX_AUX_CNFSM2_0004

SM_XXXX_AUX_CNFSM2_0003

SM_XXXX_AUX_CNFSM2_0002

SM_XXXX_AUX_CNFSM2_0001

SM_XXXX_AUX_CNVNRT_0200

SM_XXXX_AUX_COMNCT_0001

SM_XXXX_AUX_CONF___0001

SM_XXXX_AUX_DFFFRA_0300

SM_XXXX_AUX_DFFFRA_0201

SM_XXXX_AUX_DFFFRA_0200

SM_XXXX_AUX_DFFFRA_0100

SM_XXXX_AUX_DFFFRA_0009

SM_XXXX_AUX_DFFFRA_0008

SM_XXXX_AUX_DFFFRA_0007

SM_XXXX_AUX_DFFFRA_0006

SM_XXXX_AUX_DFFFRA_0005

SM_XXXX_AUX_DFFFRA_0004

SM_XXXX_AUX_DFFFRA_0003

SM_XXXX_AUX_DFFFRA_0002

SM_XXXX_AUX_DFFFRA_0001

SM_XXXX_AUX_DFFLAI_0300

SM_XXXX_AUX_DFFLAI_0200

SM_XXXX_AUX_DFFLAI_0100

SM_XXXX_AUX_DFFLAI_0010

SM_XXXX_AUX_DFFLAI_0009

SM_XXXX_AUX_DFFLAI_0008

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