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CenturyLink LSOG Order XML Schema Changes

12/13/2016

**Document Modification Log**

All revisions to this document are in reverse chronological order.

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| **Version** | **Date** | **Description of Change** |
| Final | 12/13/2016 | Updated with all XML Schema changes from 04/06/2016 through 10/10/2016 |
| Final | 9/30/2016 | Changed status from draft to final |
| Draft | 8/12/2016 |  |
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# LSOG\_CTL\_ORDER\_ XML\_SCHEMA\_CHANGES

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| **VERSION 14** |
| ***Changes on 10/10/2016***1: DESIGN element added between RCODE and RDET in LR\_ADMIN complex type under LR form.2: SHASH renamed to SHATH in SHIPPING\_ADDRESS\_SECTION complex type under EU form.***Changes on 08/12/2016***1: Added new CABLE\_CONN\_GRP section under CRS\_SVC\_DET as repetable, In that section CABCONNTYP, CABCONN fields are added. ***Changes on 08/2/2016***1: Added new CABLE\_CONN\_GRP section under FACILITY\_CONFIG\_GRP as repetable, In that section CABCONNTYP, CABCONN fields are added.***Changes on 06/13/2016***1: Updated LR/LR\_ADMIN/FDT field length from 1 to 6.2: Updated LR/LR\_ADMIN/DSGCON\_TEL\_NO field length from 17 to 12.3: Updated DSCN/REMARKS field length from 250 to 160.4: LISTING\_CODE\_DET/LECODE field length changed from 8 to 6 characters.***Changes on 06/01/2016*** 1: Globally changed LSOG14 References to LSOG 2Q14 2: CCNA field added to LSR\_ADMIN Section in LSR form. 3: DSRED removed from LSR\_RESP. 4: LID1 field removed from LISTING\_INFO/LISTING\_IND Section in DL form. 5: LEAN\_GRP added to VIRTUAL\_CIRCUIT\_DET section in RFR form.6: LTOS field added to RS\_SVC\_DET in RS form.7: In LSNP form moved JR field as the first field in LSNP\_SVC\_DET/SVC\_INFO section8: CTI\_GRP removed from LSNP\_SVC\_DET/SVC\_INFO section in LSNP form. 9: Updated CABCONNTYP and CABCONN fields as repeatable in FACILITY\_CONFIG\_GRP section of LSNP form.10: LSCP field added to COMMON\_BLOCK\_DET section in CRS form11: Updated CABCONNTYP and CABCONN fields as repeatable in CRS\_SVC\_DET section in CRS form12: Added ACTION\_CODE, LHLFID , LHLFIDDATA fields under new LISTING\_INFO section in LR form 13: Added maxoccurs to LISTING\_INFO section in LR form. 14: Globally changed FEAT\_PP field length to 12 characters.15: CSI\_LIST\_ADDR\_INFO removed from CSI\_RESP.16: LNPL, LTN, MTN, NSTN, OMTN, PLA and CAPTION\_SLU\_INDENT elements removed from CSI\_RESP.17: AN, CAPTION, NSTN, LTN, CITY, STATE fields removed from DLI\_MULTIPLE\_MATCH\_GRP section Of DLI\_RESP.18: Moved ATLST field from SVC\_ADDR\_INFO to ADDR\_VAL\_RESP as last element19: Globally changed CB field length from 8 to 11 Characters.***Changes on 05/25/2016***1: Added CCNA field under LSR\_ADMIN Section.***Changes on 04/28/2016***1. Added some missed annotations in the forms.

***Changes on 04/25/2016***1. Xsd’s Names changed from
* LSR-Form-LSR14.xsd to LSR-Form-CTL-LSR14.xsd
* EU-Form-LSR14.xsd to EU-Form-CTL-LSR14.xsd
* HGI-Form-LSR14.xsd to HGI-Form-CTL-LSR14.xsd
* DL-Form-LSR14.xsd to DL-Form-CTL-LSR14.xsd
* LR-Form-LSR14.xsd to LR-Form-CTL-LSR14.xsd
* LSRCM-Form-LSR14.xsd to LSRCM-Form-CTL-LSR14.xsd
* RFR-Form-LSR14.xsd to RFR-Form-CTL-LSR14.xsd
* RS-Form-LSR14.xsd to RS-Form-CTL-LSR14.xsd
* IS-Form-LSR14.xsd to IS-Form-CTL-LSR14.xsd
* NP-Form-LSR14.xsd to NP-Form-CTL-LSR14.xsd
* LSNP-Form-LSR14.xsd to LSNP-Form-CTL-LSR14.xsd
* DDPS-Form-LSR14.xsd to DDPS-Form-CTL-LSR14.xsd
* CRS-Form-LSR14.xsd to CRS-Form-CTL-LSR14.xsd
* LS-Form-LSR14.xsd to LS-Form-CTL-LSR14.xsd
* PS-Form-LSR14.xsd to PS-Form-CTL-LSR14.xsd
* RPL-Form-LSR14.xsd to RPL-Form-CTL-LSR14.xsd
* DSCN-Form-LSR14.xsd to DSCN-Form-CTL-LSR14.xsd
* DSRED-Form-LSR14.xsd to DSRED-Form-CTL-LSR14.xsd
* PN-Form-LSR14.xsd to PN-Form-CTL-LSR14.xsd
1. All Above forms namespace changed from <http://www.synchronoss.com/lsr/ctl_order_lsog14> to <http://www.synchronoss.com/lsr/ctl_order>
2. Annotations added
3. Removed annotations related to wisor in each form.

***Changes on 04/20/2016*****LSR-Form**1. APTCON Field added AUTHORIZATION Complex type.
2. Renamed complex type EMBARQ\_DET to CTL\_DET.

**EU-Form**1. Added SHIPPING\_ADDRESS\_SECTION section under SVC\_ADDR\_GRP Complex type with USE\_SERVICE\_ADDR, SHN1, SHCO, SHAPR, SHANO, SHASF, SHASD, SHASN, SHASH, SHASS, LD1, LV1, LD2, LV2, LD3, LV3, CITY, STATE, ZIP fields.

**LS-Form**1. Added POTSSPLIT, POTSSPLITLOC, CABCONNQTY, CABCONNTYP, CABCONN Fields under FACILITY\_CONFIG\_GRP Complex type.

**LSNP-Form**1. Added POTSSPLIT, POTSSPLITLOC, CABCONNQTY, CABCONNTYP, CABCONN Fields under FACILITY\_CONFIG\_GRP Complex type.

**RS-Form**1. Added FACILITY\_CONFIG\_GRP Section under RS\_SVC\_DET Complex type with POTSSPLIT, POTSSPLITLOC, CABCONNQTY, CABCONNTYP, CABCONN Fields.

**CRS-Form**1. Added CRS\_SVC\_DET Section under CRS Complex type with POTSSPLIT, POTSSPLITLOC, CABCONNQTY, CABCONNTYP, CABCONN Fields

***Changes on 04/06/2016*****CRS-Form**1. Namespace Changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>
2. LSCP Element removed from COMMON\_BLOCK\_DET Complex type.
3. CPG and SCPG Elements added under STATION\_DET complex type
4. BSPRAO and FLI Elements are removed from STATION\_DET Complex type.
5. IWJQ, IWJK, & IWT Elements of STATION\_DET Complex type are moved to IW\_GRP complex type
6. IW\_GRP element reference has added under STATION\_DET Complex type.
7. LEAN\_GRP element reference has removed under STATION\_DET Complex type.
8. TRANSFER\_OF\_CALLS\_GRP and TRANSFER\_OF\_CALLS\_SEC\_GRP element references has added under STATION\_DET Complex type.
9. TA Element of TREATMENT\_DET Complex Type renamed from TA to TCA.

**DDPS-Form**1. Namespace changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>

**DL-Form**1. Namespace Changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>
2. DL\_ADMIN Complex Type Removed from DL Complex type.
3. LID2 Element removed from LISTING\_IND Complex Type.

 **DSCN-Form**1. Namespace changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>
2. DLNUM, DIRIDL, DIRSUB Elements added under LISTING Complex Type
3. LISTTNDA , BOOK, SECTION Elements Removed from LISTING Complex Type
4. LISTING\_APPEAR Complex Type Reference Name under LISTING Complex Type Changed from LISTING\_APPEAR to LISTING\_APPEARANCE
5. LISTNM, LISTADR Elements of LISTING\_APPEAR Complex Type moved to LISTING\_APPEARANCE complex type
6. LIST\_TEXT Element removed from LISTING\_APPEARANCE complex type.
7. LIST\_APPEAR\_GRP Complex type reference removed from LISTING\_APPEARANCE complex type.
8. LNLN, LNFN, DIRSTAT, PONLEQTY, PONLEREFNUM Elements added under LISTING\_APPEARANCE Complex type.
9. LISTING\_RESP\_DET, LIST\_TEXT\_GRP, LISTING\_CODE\_DET Complex types added under LISTING\_APPEARANCE Complex type.

**DSRED-Form**1. Namespace changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>
2. ERR\_GRP Complex Type Reference under DSRED Complex Type removed.

 **EU-Form** 1. Namespace changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>
2. EU\_ADMIN , END\_USER\_BILLING\_DET , REMARKS\_INFO Complex Type References removed from EU Complex Type.
3. EU\_BILL Complex Type Reference Under EU Complex Type added maxOccurs="unbounded".
4. SSN, TAX\_ID Elements removed from EU\_BILL Complex Type.
5. AAI Element removed from LOC\_ACCESS Complex Type.
6. BAI, NRBYTN Elements removed from LOC\_ACCESS\_INFO Complex Type.
7. PLBO Element added under LOC\_ACCESS\_INFO Complex type.
8. SATH Element Length got changed from 7 to 10 under SVC\_ADDR\_GRP Complex type.

**HGI-Form**1. Namespace Changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>
2. HUNT\_GROUP\_ID Complex Type reference under HGI Complex Type added maxOccurs="unbounded".

**IS-Form**1. Namespace changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>
2. TGID Element from SVC\_TERM\_DET complex type length changed from 4 to 5.

 **LR-Form**1. Namespace changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>
2. LOCNUM Element added under CIRCUIT\_DET Complex type.
3. DSNA, DTN Elements deleted from CIRCUIT\_DET Complex Type.
4. FEP Element added under CIRCUIT\_DET Complex Type
5. DLCONT\_INIT, DLCONT\_TN, DACONT\_INIT, DACONT\_TN, DLQTYR, SQTYR Elements removed under DIRECTORY Complex Type.
6. REMARKS Element removed from LR Complex Type.
7. LISTING, REMARKS\_INFO complex reference added under LR complex Type
8. CC, EAN, EATN, DT\_SENT, CD, PD, FEP, NNSP Elements added under LR\_ADMIN complex type.
9. BOPI Element added after CC element under LR\_ADMIN Complex type.
10. CNO, FDTO elements removed from LR\_ADMIN complex Type.
11. TEL\_NO Element renamed from TEL\_NO to DSGCON\_TEL\_NO under LR\_ADMIN complex type.

**LS-Form**1. Namespace changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>
2. TERS Element under LS\_SVC\_DET complex type deleted maxOccurs="unbounded".
3. FACILITY\_CONFIG\_GRP complex type sequence got changed which is added after VIRTUAL\_CIRCUIT\_GRP Complex type with maxOccurs="unbounded".
4. SVC\_DET\_GRP complex type sequence got changed which is added after UNIT Element with maxOccurs="unbounded".
5. TIE\_DOWN\_GRP complex type deleted from LS\_SVC\_DET Complex type.
6. IWJQ, IWJK, & IWT Elements from DEMARC\_JACK\_GRP moved to IW\_GRP section

**LSNP-Form**1. Namespace changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>
2. LRN, RESID, BTRL Elements deleted from LSNP\_SVC\_DET Complex Type.
3. JR Element sequence got changed which is added under CCEA Element
4. LINE\_RESTRICT\_GRP Complex Type reference removed from SVC\_INFO Complex type.
5. LPIC Element moved from LINE\_RESTRICT\_GRP complex type to SVC\_INFO complex type.
6. BLOCK\_GRP complex type moved from LINE\_RESTRICT\_GRP complex type to SVC\_INFO complex type.
7. CTI\_GRP Complex Type reference added under SVC\_INFO Complex Type
8. IWJQ, IWJK, & IWT Elements from DEMARC\_JACK\_GRP moved to IW\_GRP section

**LSRCM-Form**1. Namespace changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>

**LSR-Form**1. Namespace changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>
2. CHANNEL Element name changed to CHAN under AUTHORIZATION Complex type.
3. IMPCON\_PAGER and ALT\_IMP\_PAGER Elements deleted from CONTACT Complex type.
4. LSR\_NO, SC1, SC2 Elements deleted from LSR\_ADMIN Complex type.
5. BOPI Element deleted from LSR\_ADMIN Complex type.
6. CCNA Element deleted under LSR\_ADMIN Complex Type.
7. CNO, TE, EBP, BSPRAO Elements deleted from LSR\_BILL Complex type.

**RFR-Form**1. Namespace changed from <http://atis.org/obf/tML/UOM> to

<http://www.synchronoss.com/lsr/ctl_order_lsog14>1. LEAN, LEATN Elements deleted from UNI\_CIRCUIT\_DET Complex type.
2. LEAN\_GRP Complex type reference added under UNI\_CIRCUIT\_DET Complex type.
3. LEAN, LEATN Elements deleted from VIRTUAL\_CIRCUIT\_DET Complex type.

**RS-Form**1. Namespace changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>
2. SOE, LTOS, NOTYP, SPLD, CCDD, BSPRAO Elements deleted from RS\_SVC\_DET Complex type.
3. CALLING\_CARD\_GRP Complex type reference deleted from RS\_SVC\_DET complex type.
4. IWJQ, IWJK, & IWT Elements from DEMARC\_JACK\_GRP moved to IW\_GRP section

**NP-Form**1. Namespace changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>
2. REMARKS\_INFO Complex type reference deleted from NP Complex type.
3. NPI, RL, LRN, TDT, OECCKT Elements deleted from NP\_SVC\_DET Complex type.
4. SVC\_DET\_GRP, LINE\_RESTRICT\_GRP, TRANSFER\_OF\_CALLS\_GRP, TRANSFER\_OF\_CALLS\_SEC\_GRP complex type references deleted from NP\_SVC\_DET Complex type.
5. LOCNUM, LNUM, LNA Elements moved from SVC\_DET\_GRP complex type of NP\_SVC\_DET Complex type to NP\_SVC\_DET Complex type in LSOG14.
6. BLOCK\_GRP Complex type moved from LINE\_RESTRICT\_GRP complex type of NP\_SVC\_DET Complex type to NP\_SVC\_DET Complex type in LSOG14.
7. LEAN\_GRP Element from NP\_SVC\_DET Complex type added maxOccurs="1".

**PS-Form**1. Namespace changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>
2. SOE, NOTYP, TNI, OTNI, CCDD Elements deleted from PS\_SVC\_DET Complex type.
3. CABLE\_ID, CHAN\_PAIR Elements moved from PS\_SVC\_DET complex type to CABLE\_CONFIG\_GRP Complex type in PS\_SVC\_DET complex type.
4. CABLE\_CONFIG\_GRP complex type reference added under PS\_SVC\_DET Complex type.
5. BLOCK\_GRP complex type reference added maxOccurs="unbounded" under PS\_SVC\_DET Complex type.
6. CALLING\_CARD\_GRP complex type reference deleted from PS\_SVC\_DET Complex type.

**RPL-Form**1. Namespace changed from <http://atis.org/obf/tML/UOM> to <http://www.synchronoss.com/lsr/ctl_order_lsog14>
2. IWT Element deleted from IW\_DET Complex type.
3. AAI Element deleted from PRIMARY\_LOC Complex type.
4. LEAN\_GRP Complex type reference deleted from PRIMARY\_LOC Complex type.
5. LEAN\_GRP Complex type reference deleted from PRI\_LOC\_SVC\_DET Complex type.
6. SSN Element deleted from RPL\_BILL Complex type.
7. AAI Element deleted from SECONDARY\_LOC Complex type.
8. LEAN\_GRP Complex type reference deleted from SECONDARY\_LOC Complex type.
9. LEAN\_GRP Complex type reference deleted from SEC\_LOC\_SVC\_DET Complex type

**ServiceTypes****CENTREX\_RESALE\_SVC** 1. maxOccurs removed from CRS,DL complex types.
2. HGI Complex type added

**DID\_DOD\_PBX\_SVC** 1. maxOccurs removed from DDPS complex type.
2. HGI, DL Complex type added.

**DIRECTORY\_LISTING\_SVC**1. maxOccurs removed from DL complex type.

**DIRECTORY\_LISTING\_ASSISTANCE\_SVC**1. LSR, EU, DL Complex types added in new DIRECTORY\_LISTING\_ASSISTANCE\_SVC service type.

**ISDN\_BRI\_PRI\_SVC**1. maxOccurs removed from IS, HGI, DL Complex types.

**LOOP\_NUMBER\_PORTABILITY\_SVC**1. maxOccurs removed from LSNP,DL complex type.
2. minOccurs added to DL complex type.

**LOOP\_SVC**1. maxOccurs removed from LS, DL complex types
2. minOccurs added to DL complex type.

**LOOP\_UNBUNDLED\_SWITCH\_PORT\_SVC**1. Added new LOOP\_UNBUNDLED\_SWITCH\_PORT\_SVC service type with LSR.EU,RS,PS,HGI,DL complex types.

**NUMBER\_PORTABILITY\_SVC**1. maxOccurs removed from NP, DL complex types.
2. minOccurs added to DL complex type.

**PORT\_SVC** 1. minOccurs removed from EU complex type.
2. maxOccurs removed from PS, DL complex type.
3. Added PS complex type

**RESALE\_FRAME\_RELAY\_SVC**1. maxOccurs removed from RFR complex type.
2. Added EU complex type.
3. maxOccurs removed from RPL complex type.

**RESALE\_SVC**1. minOccurs added to RS,DL complex types.
2. Added HGI complex type.

**RETAIL\_BUNDLED\_SVC**1. Added new RETAIL\_BUNDLED\_SVC service type with LSR, EU, PS, DL complex types.
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# LSOG\_CTL\_ORDER\_CUSTOMIZATION\_CHANGES

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| **VERSION 14** |
| ***Changes on 04/28/2016***1. Added some missed annotations in the forms.

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* LR-Form-LSR14.xsd to LR-Form-CTL-LSR14.xsd
* LSRCM-Form-LSR14.xsd to LSRCM-Form-CTL-LSR14.xsd
* RFR-Form-LSR14.xsd to RFR-Form-CTL-LSR14.xsd
* RS-Form-LSR14.xsd to RS-Form-CTL-LSR14.xsd
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* NP-Form-LSR14.xsd to NP-Form-CTL-LSR14.xsd
* LSNP-Form-LSR14.xsd to LSNP-Form-CTL-LSR14.xsd
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2. Annotations added
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***Changes on 04/20/2016*****LSR-Form**1. APTCON Field added AUTHORIZATION Complex type.
2. Renamed complex type EMBARQ\_DET to CTL\_DET.

**EU-Form**1. Added SHIPPING\_ADDRESS\_SECTION section under SVC\_ADDR\_GRP Complex type with USE\_SERVICE\_ADDR, SHN1, SHCO, SHAPR, SHANO, SHASF, SHASD, SHASN, SHASH, SHASS, LD1, LV1, LD2, LV2, LD3, LV3, CITY, STATE, ZIP fields.

**LS-Form**1. Added POTSSPLIT, POTSSPLITLOC, CABCONNQTY, CABCONNTYP, and CABCONN Fields under FACILITY\_CONFIG\_GRP Complex type.

**LSNP-Form**1. Added POTSSPLIT, POTSSPLITLOC, CABCONNQTY, CABCONNTYP, and CABCONN Fields under FACILITY\_CONFIG\_GRP Complex type.

**RS-Form**1. Added FACILITY\_CONFIG\_GRP Section under RS\_SVC\_DET Complex type with POTSSPLIT, POTSSPLITLOC, CABCONNQTY, CABCONNTYP, and CABCONN Fields.

**CRS-Form**1. Added CRS\_SVC\_DET Section under CRS Complex type with POTSSPLIT, POTSSPLITLOC, CABCONNQTY, CABCONNTYP, CABCONN Fields
 |