



# **XSPECs for ISM**

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## **ISM-XSPECs**

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## **Chapter 1 - Introduction**

### **1.1 - Purpose**

This is an informative supplement for ISM. This document provides XSPEC files developed for ISM.

Chapter 2 - XSPEC Files

2.1 - AEAOrder.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
               stylesheet="../ISMAAllTogetherForXSPEC.xsl">

    <x:scenario label="AEAOrder-SIGMA-FRD-RD">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                             ism:classification="S"
                             ism:ownerProducer="USA"
                             ism:atomicEnergyMarkings=" FRD-SG-20 FRD-SG-14 RD-CNWDI RD-SG-20 RD-SG-14  RD FRD "/>
        </x:context>
        <x:scenario label="AEAOrder-SIGMA-FRD-RD-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (S//RD-CNWDI-SG 14 20/FRD-SG 14 20) "
                    test=".='(S//RD-CNWDI-SG 14 20/FRD-SG 14 20) '"/>
        </x:scenario>
        <x:scenario label="AEAOrder-SIGMA-FRD-RD-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be SECRET//RD-CNWDI-SIGMA 14 20/FRD-SIGMA 14 20"
                    test=".='SECRET//RD-CNWDI-SIGMA 14 20/FRD-SIGMA 14 20'"/>
        </x:scenario>
    </x:scenario>
</x:description>
```

2.2 - AllCheckOrder.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
               stylesheet="../ISMAAllTogetherForXSPEC.xsl">

    <x:import href="./OrderingTests/SCIOOrder.xspec"/>
    <x:import href="./OrderingTests/SarOrder.xspec"/>
    <x:import href="./OrderingTests/RELOrder.xspec"/>
    <x:import href="./OrderingTests/FGIOrder.xspec"/>
    <x:import href="./OrderingTests/DissemOrder.xspec"/>
    <x:import href="./OrderingTests/DisplayOnlyOrder.xspec"/>
    <x:import href="./OrderingTests/AEAOrder.xspec"/>
    <x:import href="./OrderingTests/nonICmarkingsOrder.xspec"/>
    <x:import href="./OrderingTests/OwnerProducerOrder.xspec"/>
    <x:import href="./OrderingTests/overallRelOrder.xspec"/>

</x:description>
```

## 2.3 - AllNonDODCUI.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
                stylesheet="./ISMAAllTogetherForXSPEC.xsl">

    <x:import href="./CUITests/Commingled.xspec"/>
    <x:import href="./CUITests/CUI-ISOO-Style.xspec"/>
    <x:import href="./CUITests/CUI-Only.xspec"/>

</x:description>
```

2.4 - Commingled.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
               stylesheet="../../ISMAAllTogetherForXSPEC.xsl">

  <x:scenario label="CUI-Commingled-U-FISA-dissem">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                       ism:compliesWith="USA-CUI USGov"
                       ism:cuiControlledBy="John Smith"
                       ism:classification="U"
                       ism:disseminationControls="NF FISA"
                       ism:ownerProducer="USA"
                       ism:DESVersion="202111.202211"
                       ism:ISMATCESVersion="202211"
                       ism:resourceElement="true"
                       ism:createDate="2009-06-01"
                       ism:cuiSpecified="AIV"/>
    </x:context>
    <x:scenario label="CUI-Commingled-U-FISA-dissem-ISM:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be UNCLASSIFIED//CUI//SP-AIV//NOFORN/FISA"
               test=".='UNCLASSIFIED//CUI//SP-AIV//NOFORN/FISA'"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-FISA-dissem-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (U//CUI//SP-AIV//NF/FISA) "
               test=".='(U//CUI//SP-AIV//NF/FISA) '"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="CUI-Commingled-S-FISA-dissem-classified">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                       ism:compliesWith="USA-CUI USGov"
                       ism:cuiControlledBy="John Smith"
                       ism:classification="S"
                       ism:disseminationControls="NF FISA"
                       ism:ownerProducer="USA"
                       ism:derivativelyClassifiedBy="John Smith"
                       ism:derivedFrom="My Guide"
                       ism:declassDate="2024-12-31"
                       ism:DESVersion="202111.202211"
                       ism:ISMATCESVersion="202211"
                       ism:resourceElement="true"
                       ism:createDate="2009-06-01"
                       ism:cuiSpecified="AIV"/>
    </x:context>
    <x:scenario label="CUI-Commingled-S-FISA-dissem-classified-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be SECRET//CUI//SP-AIV//NOFORN/FISA"
               test=".='SECRET//CUI//SP-AIV//NOFORN/FISA'"/>
    </x:scenario>
  </x:scenario>
</x:description>
```

```

    </x:scenario>
    <x:scenario label="CUI-Commingled-S-FISA-dissem-classified-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//CUI//SP-AIV//NF/FISA) "
        test=".='(S//CUI//SP-AIV//NF/FISA) '"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="CUI-Commingled-U-FISA-cuiSpecified">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:compliesWith="USA-CUI USGov"
        ism:cuiControlledBy="John Smith"
        ism:classification="U"
        ism:disseminationControls="NF"
        ism:ownerProducer="USA"
        ism:DESVersion="202111.202211"
        ism:ISMCAICESVersion="202211"
        ism:resourceElement="true"
        ism:createDate="2009-06-01"
        ism:cuiSpecified="AIV FISA"/>
    </x:context>
    <x:scenario label="CUI-Commingled-U-FISA-cuiSpecified:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be CUI//SP-AIV/SP-FISA//NOFORN"
        test=".='CUI//SP-AIV/SP-FISA//NOFORN'"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-FISA-cuiSpecified-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (CUI//SP-AIV/SP-FISA//NF) "
        test=".='(CUI//SP-AIV/SP-FISA//NF) '"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="CUI-Commingled-S-PROPIN-cuiBasic">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:compliesWith="USGov USA-CUI"
        ism:DESVersion="202111.202211"
        ism:ownerProducer="USA"
        ism:classification="S"
        ism:ISMCAICESVersion="202211"
        ism:resourceElement="true"
        ism:createDate="2008-10-01"
        ism:derivativelyClassifiedBy="John Doe"
        ism:derivedFrom="My Guide"
        ism:declassDate="2024-12-31"
        ism:cuiControlledBy="John Doe"
        ism:cuiDecontrolDate="2020-02-02"
        ism:disseminationControls="NF PR"
        ism:cuiBasic="PROPIN"/>
    </x:context>
    <x:scenario label="CUI-Commingled-S-PROPIN-cuiBasic-ism:banner">
      <x:context mode="ism:banner"/>

```



```

        <x:expect label="The banner should be SECRET//CUI//PROPIN//NOFORN/PROPIN"
            test=".='SECRET//CUI//PROPIN//NOFORN/PROPIN'"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-S-PROPIN-cuiBasic-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//CUI//PROPIN//NF/PR) "
            test=".='(S//CUI//PROPIN//NF/PR) '"/>
    </x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-and-dissem">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:compliesWith="USGov USA-CUI"
            ism:DESVersion="202111.202211"
            ism:ownerProducer="USA"
            ism:classification="U"
            ism:ISMATCESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2008-10-01"
            ism:cuiControlledBy="John Doe"
            ism:cuiDecontrolDate="2020-02-02"
            ism:disseminationControls="NF PR"
            ism:cuiBasic="PROPIN"/>
    </x:context>
    <x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-and-dissem-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be UNCLASSIFIED//CUI//PROPIN//NOFORN/PROPIN"
            test=".='UNCLASSIFIED//CUI//PROPIN//NOFORN/PROPIN'"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-and-dissem-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (U//CUI//PROPIN//NF/PR) "
            test=".='(U//CUI//PROPIN//NF/PR) '"/>
    </x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:compliesWith="USGov USA-CUI"
            ism:DESVersion="202111.202211"
            ism:ownerProducer="USA"
            ism:classification="U"
            ism:ISMATCESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2008-10-01"
            ism:cuiControlledBy="John Doe"
            ism:cuiDecontrolDate="2020-02-02"
            ism:disseminationControls="NF"
            ism:cuiBasic="PROPIN"/>
    </x:context>
    <x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-ism:banner">
        <x:context mode="ism:banner"/>

```

```

        <x:expect label="The banner should be CUI//PROPIN//NOFORN"
            test=".='CUI//PROPIN//NOFORN'"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//PROPIN//NF) "
            test=".='(CUI//PROPIN//NF) '"/>
    </x:scenario>
</x:scenario>

<x:scenario label="Commingled-U-DL_ONLY">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="U"
            ism:ownerProducer="USA"
            ism:compliesWith="USA-CUI USGov"
            ism:cuiControlledBy="John Smith"
            ism:disseminationControls="NF DL_ONLY"
            ism:DESVersion="202111.202211"
            ism:ISMCACTCESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiBasic="CMPRS JURY"/>
    </x:context>
    <x:scenario label="Commingled-U-DL_ONLY-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/NOFORN"
            test=".='CUI//CMPRS/JURY//DL_ONLY/NOFORN'"/>
    </x:scenario>
    <x:scenario label="Commingled-U-DL_ONLY-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/NF) "
            test=".='(CUI//CMPRS/JURY//DL_ONLY/NF) '"/>
    </x:scenario>
</x:scenario>

<x:scenario label="Commingled-U-NF-DL_ONLY-FEDCON">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="U"
            ism:ownerProducer="USA"
            ism:compliesWith="USA-CUI USGov"
            ism:cuiControlledBy="John Smith"
            ism:disseminationControls="NF DL_ONLY FEDCON"
            ism:DESVersion="202111.202211"
            ism:ISMCACTCESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiBasic="CMPRS JURY"/>
    </x:context>
    <x:scenario label="Commingled-U-NF-DL_ONLY-FEDCON-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/FEDCON/NOFORN"

```

```
        test=".='CUI//CMPRS/JURY//DL_ONLY/FEDCON/NOFORN'"/>
    </x:scenario>
    <x:scenario label="Commingled-U-NF-DL_ONLY-FEDCON-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/FEDCON/NF) "
            test=".='(CUI//CMPRS/JURY//DL_ONLY/FEDCON/NF) '"/>
    </x:scenario>
</x:scenario>

<x:scenario label="Commingled-TS-All-Types">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="TS"
            ism:ownerProducer="USA"
            ism:compliesWith="USA-CUI USGov"
            ism:cuiControlledBy="John Smith"
            ism:derivativelyClassifiedBy="John Smith"
            ism:derivedFrom="My Guide"
            ism:declassDate="2024-12-31"
            ism:SCIcontrols="HCS HCS-P SI SI-G TK"
            ism:atomicEnergyMarkings="RD FRD"
            ism:FGISourceOpen="GBR"
            ism:disseminationControls="OC REL DL_ONLY FEDCON"
            ism:nonICmarkings="DS"
            ism:releasableTo="USA GBR"
            ism:DESVersion="202111.202211"
            ism:ISMCAICESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiBasic="CMPRS JURY"
            ism:cuiSpecified="AIV PRIIG"/>
    </x:context>
    <x:scenario label="Commingled-TS-All-Types-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be TOP SECRET//HCS-P/SI-G/TK//RD/FRD//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//ORCON/REL TO USA, GBR/DL_ONLY/FEDCON//LIMDIS"
            test=".='TOP SECRET//HCS-P/SI-G/TK//RD/FRD//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//ORCON/REL TO USA, GBR/DL_ONLY/FEDCON//LIMDIS'"/>
    </x:scenario>
    <x:scenario label="Commingled-TS-All-Types-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (TS//HCS-P/SI-G/TK//RD/FRD//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//OC/REL TO USA, GBR/DL_ONLY/FEDCON//DS) "
            test=".='(TS//HCS-P/SI-G/TK//RD/FRD//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//OC/REL TO USA, GBR/DL_ONLY/FEDCON//DS) '"/>
    </x:scenario>
</x:scenario>

<x:scenario label="Commingled-TS-SCI">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="TS"
            ism:ownerProducer="USA"
            ism:compliesWith="USA-CUI USGov"
            ism:cuiControlledBy="John Smith"
            ism:derivativelyClassifiedBy="John Smith"
            ism:derivedFrom="My Guide"
            ism:declassDate="2024-12-31"
```

```
        ism:SCIcontrols="HCS HCS-P SI SI-G TK"
        ism:disseminationControls="OC REL DL_ONLY FEDCON"
        ism:releasableTo="USA GBR"
        ism:DESVersion="202111.202211"
        ism:ISMATCESVersion="202211"
        ism:resourceElement="true"
        ism:createDate="2009-06-01"
        ism:cuiBasic="CMPRS JURY"
        ism:cuiSpecified="AIV PRIIG"/>
    </x:context>
    <x:scenario label="Commingled-TS-SCI-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be TOP SECRET//HCS-P/SI-G/TK//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//ORCON/REL TO USA, GBR/DL_ONLY/FEDCON"
            test=".='TOP SECRET//HCS-P/SI-G/TK//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//ORCON/REL TO USA, GBR/DL_ONLY/FEDCON'"/>
    </x:scenario>
    <x:scenario label="Commingled-TS-SCI-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (TS//HCS-P/SI-G/TK//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//OC/REL TO USA, GBR/DL_ONLY/FEDCON) "
            test=".='(TS//HCS-P/SI-G/TK//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//OC/REL TO USA, GBR/DL_ONLY/FEDCON) '"/>
    </x:scenario>
</x:scenario>

<x:scenario label="Commingled-Unclassified-All-Types">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="U"
            ism:ownerProducer="USA"
            ism:compliesWith="USA-CUI USGov"
            ism:cuiControlledBy="John Smith"
            ism:derivativelyClassifiedBy="John Smith"
            ism:derivedFrom="My Guide"
            ism:declassDate="2024-12-31"
            ism:atomicEnergyMarkings="UCNI"
            ism:FGISourceOpen="GBR"
            ism:disseminationControls="REL DL_ONLY FEDCON"
            ism:nonICmarkings="DS"
            ism:releasableTo="USA GBR"
            ism:DESVersion="202111.202211"
            ism:ISMATCESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiBasic="CMPRS JURY"
            ism:cuiSpecified="AIV PRIIG"/>
    </x:context>
    <x:scenario label="Commingled-Unclassified-All-Types-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be UNCLASSIFIED//DOE UCNI//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON//LIMDIS"
            test=".='UNCLASSIFIED//DOE UCNI//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON//LIMDIS'"/>
    </x:scenario>
    <x:scenario label="Commingled-Unclassified-All-Types-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (U//UCNI//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON//DS) "
            test=".='(U//UCNI//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON//DS) '"/>
    </x:scenario>
</x:scenario>
```

```

</x:scenario>

<x:scenario label="CUI-Commingled-U-DSEN-cuiBasic">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USGov USA-CUI"
      ism:DESVersion="202111.202211"
      ism:ownerProducer="USA"
      ism:classification="U"
      ism:ISMCAICESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2008-10-01"
      ism:cuiControlledBy="John Doe"
      ism:cuiDecontrolDate="2020-02-02"
      ism:disseminationControls="NF DSEN"
      ism:cuiBasic="LEI"/>
  </x:context>
  <x:scenario label="CUI-Commingled-U-DSEN-cuiBasic-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be UNCLASSIFIED//CUI//LEI//NOFORN/DEA SENSITIVE"
      test=".='UNCLASSIFIED//CUI//LEI//NOFORN/DEA SENSITIVE'"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-U-DSEN-cuiBasic-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (U//CUI//LEI//NF/DSEN) "
      test=".='(U//CUI//LEI//NF/DSEN) '"/>
  </x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-U-RELIDO-cuiBasic">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USGov USA-CUI"
      ism:DESVersion="202111.202211"
      ism:ownerProducer="USA"
      ism:classification="U"
      ism:ISMCAICESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2008-10-01"
      ism:cuiControlledBy="John Doe"
      ism:cuiDecontrolDate="2020-02-02"
      ism:disseminationControls="NF RELIDO"
      ism:cuiBasic="LEI"/>
  </x:context>
  <x:scenario label="CUI-Commingled-U-RELIDO-cuiBasic-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be CUI//LEI//NOFORN/RELIDO"
      test=".='CUI//LEI//NOFORN/RELIDO'"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-U-RELIDO-cuiBasic-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (CUI//LEI//NF/RELIDO) "
      test=".='(CUI//LEI//NF/RELIDO) '"/>
  </x:scenario>
</x:scenario>

```

```
</x:scenario>

<x:scenario label="CUI-Commingled-U-FOUO-cuiBasic">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USGov USA-CUI"
      ism:DESVersion="202111.202211"
      ism:ownerProducer="USA"
      ism:classification="U"
      ism:ISMCAICESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2008-10-01"
      ism:cuiControlledBy="John Doe"
      ism:cuiDecontrolDate="2020-02-02"
      ism:disseminationControls="FOUO"
      ism:cuiBasic="LEI"/>
  </x:context>
  <x:scenario label="CUI-Commingled-U-FOUO-cuiBasic-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be UNCLASSIFIED//CUI//LEI//FOUO"
      test=".='UNCLASSIFIED//CUI//LEI//FOUO'"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-U-FOUO-cuiBasic-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (U//CUI//LEI//FOUO) "
      test=".='(U//CUI//LEI//FOUO) '"/>
  </x:scenario>
</x:scenario>

</x:description>
```

2.5 - CUI-DOD-Style.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
               stylesheet="../../ISMDODStyleForXSPEC.xsl">

  <x:scenario label="CUI-ONLY-LEI-cuiBasic">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                        ism:compliesWith="USA-CUI-ONLY"
                        ism:cuiControlledBy="John Smith"
                        ism:cuiControlledByOffice="Office XX"
                        ism:cuiPOC="John Smith"
                        ism:DESVersion="202111.202211"
                        ism:cuiDecontrolDate="2034-12-31"
                        ism:ISMCACTCESVersion="202211"
                        ism:resourceElement="true"
                        ism:createDate="2009-06-01"
                        ism:cuiBasic="LEI"
                        ism:classification="U"
                        ism:ownerProducer="USA"/>
    </x:context>
    <x:scenario label="CUI-ONLY-LEI-cuiBasic-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be CUI//LEI" test=".='CUI//LEI'"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-LEI-cuiBasic-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (CUI//LEI) " test=".='(CUI//LEI) '"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-LEI-cuiBasic-ism:authority">
      <x:context mode="ism:authority"/>
      <x:expect label="The authority should be Controlled By: John Smith|Controlled By: Office XX|CUI Category: LEI|POC: John Smith|Decontrol On: December 31, 2034"
                test=".='Controlled By: John Smith|Controlled By: Office XX|CUI Category: LEI|POC: John Smith|Decontrol On: December 31, 2034'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="CUI-ONLY-CMPRS JURY-cuiBasic">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                        ism:compliesWith="USA-CUI-ONLY"
                        ism:cuiControlledBy="John Smith"
                        ism:cuiControlledByOffice="CIO"
                        ism:cuiPOC="John Smith"
                        ism:DESVersion="202111.202211"
                        ism:ISMCACTCESVersion="202211"
                        ism:resourceElement="true"
                        ism:createDate="2009-06-01"
                        ism:cuiBasic="CMPRS JURY"
                        ism:classification="U"
                        ism:ownerProducer="USA"/>
    </x:context>
    <x:scenario label="CUI-ONLY-CMPRS JURY-cuiBasic-ism:banner">
      <x:context mode="ism:banner"/>
```



```

    <x:expect label="The banner should be CUI//CMPRS/JURY" test=".='CUI//CMPRS/JURY'"/>
  </x:scenario>
  <x:scenario label="CUI-ONLY-CMPRS JURY-cuiBasic-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (CUI//CMPRS/JURY) "
      test=".='(CUI//CMPRS/JURY) '"/>
  </x:scenario>
  <x:scenario label="CUI-ONLY-CMPRS JURY-cuiBasic-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Controlled By: John Smith|Controlled By: CIO|CUI Category: CMPRS JURY|POC: John Smith"
      test=".='Controlled By: John Smith|Controlled By: CIO|CUI Category: CMPRS JURY|POC: John Smith'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="CUI-ONLY-CONTRACT SUB-cuiSpecified">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USA-CUI-ONLY"
      ism:cuiControlledBy="John Smith"
      ism:cuiPOC="John Smith"
      ism:cuiDecontrolDate="2044-12-31"
      ism:DESVersion="202111.202211"
      ism:ISMCAICESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
      ism:cuiSpecified="CONTRACT SUB"
      ism:classification="U"
      ism:ownerProducer="USA"/>
  </x:context>
  <x:scenario label="CUI-ONLY-CONTRACT SUB-cuiSpecified-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be CUI//SP-CONTRACT/SP-SUB"
      test=".='CUI//SP-CONTRACT/SP-SUB'"/>
  </x:scenario>
  <x:scenario label="CUI-ONLY-CONTRACT SUB-cuiSpecified-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (CUI//SP-CONTRACT/SP-SUB) "
      test=".='(CUI//SP-CONTRACT/SP-SUB) '"/>
  </x:scenario>
  <x:scenario label="CUI-ONLY-CONTRACT SUB-cuiSpecified-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Controlled By: John Smith|CUI Category: SP-CONTRACT SP-SUB|POC: John Smith|Decontrol On: December 31, 2044"
      test=".='Controlled By: John Smith|CUI Category: SP-CONTRACT SP-SUB|POC: John Smith|Decontrol On: December 31, 2044'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="CUI-ONLY-DL_ONLY">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USA-CUI-ONLY"
      ism:cuiControlledBy="John Smith"
      ism:cuiControlledByOffice="HR"
      ism:cuiPOC="John Smith"
      ism:disseminationControls="DL_ONLY NF"

```



John Smith"

```

        ism:DESVersion="202111.202211"
        ism:ISMCACTCESVersion="202211"
        ism:resourceElement="true"
        ism:createDate="2009-06-01"
        ism:cuiBasic="CMPRS JURY"
        ism:classification="U"
        ism:ownerProducer="USA"/>
    </x:context>
    <x:scenario label="CUI-ONLY-DL_ONLY-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/NOFORN"
            test=".='CUI//CMPRS/JURY//DL_ONLY/NOFORN'"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-DL_ONLY-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/NF) "
            test=".='(CUI//CMPRS/JURY//DL_ONLY/NF) '"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-DL_ONLY-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Controlled By: John Smith|Controlled By: HR|CUI Category: CMPRS JURY|Distribution/Dissemination Control: DL_ONLY; NOFORN|POC:
John Smith"
            test=".='Controlled By: John Smith|Controlled By: HR|CUI Category: CMPRS JURY|Distribution/Dissemination Control: DL_ONLY; NOFORN|POC: John Smith'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="CUI-ONLY-DL_ONLY-FEDCON-NF">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:compliesWith="USA-CUI-ONLY"
            ism:cuiControlledBy="John Smith"
            ism:disseminationControls="DL_ONLY FEDCON NF"
            ism:DESVersion="202111.202211"
            ism:ISMCACTCESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiBasic="CMPRS JURY"
            ism:classification="U"
            ism:ownerProducer="USA"/>
    </x:context>
    <x:scenario label="CUI-ONLY-DL_ONLY-FEDCON-NF-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/FEDCON/NOFORN"
            test=".='CUI//CMPRS/JURY//DL_ONLY/FEDCON/NOFORN'"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-DL_ONLY-FEDCON-NF-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/FEDCON/NF) "
            test=".='(CUI//CMPRS/JURY//DL_ONLY/FEDCON/NF) '"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-DL_ONLY-FEDCON-NF-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Controlled By: John Smith|CUI Category: CMPRS JURY|Distribution/Dissemination Control: DL_ONLY; FEDCON; NOFORN"
            test=".='Controlled By: John Smith|CUI Category: CMPRS JURY|Distribution/Dissemination Control: DL_ONLY; FEDCON; NOFORN'"/>
    </x:scenario>
</x:scenario>
```

31, 2034"

```
</x:scenario>
</x:scenario>

<x:scenario label="CUI-ONLY-DL_ONLY-decontrolDate">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USA-CUI-ONLY"
      ism:cuiControlledBy="John Smith"
      ism:cuiDecontrolDate="2034-12-31"
      ism:disseminationControls="DL_ONLY NF"
      ism:DESVersion="202111.202211"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
      ism:cuiBasic="CMPRS JURY"
      ism:classification="U"
      ism:ownerProducer="USA"/>
  </x:context>
  <x:scenario label="CUI-ONLY-DL_ONLY-decontrolDate-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/NOFORN"
      test=".='CUI//CMPRS/JURY//DL_ONLY/NOFORN'"/>
  </x:scenario>
  <x:scenario label="CUI-ONLY-DL_ONLY-decontrolDate-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/NF) "
      test=".='(CUI//CMPRS/JURY//DL_ONLY/NF) '"/>
  </x:scenario>
  <x:scenario label="CUI-ONLY-DL_ONLY-decontrolDate-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Controlled By: John Smith|CUI Category: CMPRS JURY|Distribution/Dissemination Control: DL_ONLY; NOFORN|Decontrol On: December
      test=".='Controlled By: John Smith|CUI Category: CMPRS JURY|Distribution/Dissemination Control: DL_ONLY; NOFORN|Decontrol On: December 31, 2034'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="CUI-ONLY-DL_ONLY-decontrolEvent">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USA-CUI-ONLY"
      ism:cuiControlledBy="John Smith"
      ism:cuiDecontrolEvent="The end of this conflict"
      ism:disseminationControls="DL_ONLY NF"
      ism:DESVersion="202111.202211"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
      ism:cuiBasic="CMPRS JURY"
      ism:classification="U"
      ism:ownerProducer="USA"/>
  </x:context>
  <x:scenario label="CUI-ONLY-DL_ONLY-decontrolEvent-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/NOFORN"
```

```

        test=".='CUI//CMPRS/JURY//DL_ONLY/NOFORN'"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-DL_ONLY-decontrolEvent-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/NF) "
            test=".='(CUI//CMPRS/JURY//DL_ONLY/NF) '"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-DL_ONLY-decontrolEvent-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Controlled By: John Smith|CUI Category: CMPRS JURY|Distribution/Dissemination Control: DL_ONLY; NOFORN|Decontrol On: The end of
this conflict"
            test=".='Controlled By: John Smith|CUI Category: CMPRS JURY|Distribution/Dissemination Control: DL_ONLY; NOFORN|Decontrol On: The end of this conflict'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="CUI-ONLY-DL_ONLY-decontrolDateEvent">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:compliesWith="USA-CUI-ONLY"
            ism:cuiControlledBy="John Smith"
            ism:cuiDecontrolDate="2034-12-31"
            ism:cuiDecontrolEvent="The end of this conflict"
            ism:disseminationControls="DL_ONLY NF"
            ism:DESVersion="202111.202211"
            ism:ISMCATCESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiBasic="CMPRS JURY"
            ism:classification="U"
            ism:ownerProducer="USA"/>
    </x:context>
    <x:scenario label="CUI-ONLY-DL_ONLY-decontrolDateEvent-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/NOFORN"
            test=".='CUI//CMPRS/JURY//DL_ONLY/NOFORN'"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-DL_ONLY-decontrolDateEvent-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/NF) "
            test=".='(CUI//CMPRS/JURY//DL_ONLY/NF) '"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-DL_ONLY-decontrolDateEvent-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Controlled By: John Smith|CUI Category: CMPRS JURY|Distribution/Dissemination Control: DL_ONLY; NOFORN|Decontrol On: December
31, 2034 or The end of this conflict"
            test=".='Controlled By: John Smith|CUI Category: CMPRS JURY|Distribution/Dissemination Control: DL_ONLY; NOFORN|Decontrol On: December 31, 2034 or The end of
this conflict'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-U-FISA-dissem">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:compliesWith="USA-CUI USGov USDOD"

```

```
        ism:cuiControlledBy="John Smith"
        ism:cuiDecontrolDate="2029-12-31"
        ism:classification="U"
        ism:disseminationControls="NF FISA"
        ism:ownerProducer="USA"
        ism:DESVersion="202111.202211"
        ism:ISMATCESVersion="202211"
        ism:resourceElement="true"
        ism:createDate="2009-06-01"
        ism:cuiSpecified="AIV"/>
</x:context>
<x:scenario label="CUI-Commingled-U-FISA-dissem-ISM:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be UNCLASSIFIED//CUI//SP-AIV//NOFORN/FISA"
    test=".='UNCLASSIFIED//CUI//SP-AIV//NOFORN/FISA'"/>
</x:scenario>
<x:scenario label="CUI-Commingled-U-FISA-dissem-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (U//CUI//SP-AIV//NF/FISA) "
    test=".='(U//CUI//SP-AIV//NF/FISA) '"/>
</x:scenario>
<x:scenario label="CUI-Commingled-U-FISA-dissem-ism:authority">
  <x:context mode="ism:authority"/>
  <x:expect label="The authority should be Controlled By: John Smith|CUI Category: SP-AIV|Distribution/Dissemination Control: NOFORN|Decontrol On: December 31, 2029"
    test=".='Controlled By: John Smith|CUI Category: SP-AIV|Distribution/Dissemination Control: NOFORN|Decontrol On: December 31, 2029'"/>
</x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-S-FISA-dissem-classified">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USA-CUI USGov USDOD"
      ism:cuiControlledBy="John Smith"
      ism:cuiDecontrolDate="2029-12-31"
      ism:classification="S"
      ism:disseminationControls="NF FISA"
      ism:ownerProducer="USA"
      ism:derivativelyClassifiedBy="John Smith"
      ism:derivedFrom="My Guide"
      ism:declassDate="2024-12-31"
      ism:DESVersion="202111.202211"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
      ism:cuiSpecified="AIV"/>
  </x:context>
  <x:scenario label="CUI-Commingled-S-FISA-dissem-classified-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//CUI//SP-AIV//NOFORN/FISA"
      test=".='SECRET//CUI//SP-AIV//NOFORN/FISA'"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-S-FISA-dissem-classified-ism:portionmark">
    <x:context mode="ism:portionmark"/>
```

```

        <x:expect label="The portion should be (S//CUI//SP-AIV//NF/FISA) "
            test=".='(S//CUI//SP-AIV//NF/FISA) '"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-S-FISA-dissem-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Smith|CUI Category: SP-
AIV|Distribution/Dissemination Control: NOFORN|Decontrol On: December 31, 2029"
            test=".='Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Smith|CUI Category: SP-AIV|Distribution/
Dissemination Control: NOFORN|Decontrol On: December 31, 2029'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-U-FISA-cuiSpecified">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:compliesWith="USA-CUI USGov USDOD"
            ism:cuiControlledBy="John Smith"
            ism:cuiDecontrolDate="2025-12-31"
            ism:classification="U"
            ism:disseminationControls="NF"
            ism:ownerProducer="USA"
            ism:DESVersion="202111.202211"
            ism:ISMCAICESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiSpecified="AIV FISA"/>
    </x:context>
    <x:scenario label="CUI-Commingled-U-FISA-cuiSpecified:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be CUI//SP-AIV/SP-FISA//NOFORN"
            test=".='CUI//SP-AIV/SP-FISA//NOFORN'"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-FISA-cuiSpecified-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//SP-AIV/SP-FISA//NF) "
            test=".='(CUI//SP-AIV/SP-FISA//NF) '"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-FISA-cuiSpecified-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Controlled By: John Smith|CUI Category: SP-AIV SP-FISA|Distribution/Dissemination Control: NOFORN|Decontrol On: December 31,
2025"
            test=".='Controlled By: John Smith|CUI Category: SP-AIV SP-FISA|Distribution/Dissemination Control: NOFORN|Decontrol On: December 31, 2025'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-S-PROPIN-cuiBasic">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:compliesWith="USGov USA-CUI USDOD"
            ism:DESVersion="202111.202211"
            ism:ownerProducer="USA"
            ism:classification="S"
            ism:ISMCAICESVersion="202211"
            ism:resourceElement="true"

```

```

        ism:createDate="2008-10-01"
        ism:derivativelyClassifiedBy="John Doe"
        ism:derivedFrom="My Guide"
        ism:declassDate="2024-12-31"
        ism:cuiControlledBy="John Doe"
        ism:cuiDecontrolDate="2020-02-02"
        ism:disseminationControls="NF PR"
        ism:cuiBasic="PROPIN"/>
    </x:context>
    <x:scenario label="CUI-Commingled-S-PROPIN-cuiBasic-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//CUI//PROPIN//NOFORN/PROPIN"
            test=".='SECRET//CUI//PROPIN//NOFORN/PROPIN'"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-S-PROPIN-cuiBasic-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//CUI//PROPIN//NF/PR) "
            test=".='(S//CUI//PROPIN//NF/PR) '"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-S-PROPIN-cuiBasic-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Classified by: John Doe|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Doe|CUI Category: PROPIN|
Distribution/Dissemination Control: NOFORN|Decontrol On: February 2, 2020"
            test=".='Classified by: John Doe|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Doe|CUI Category: PROPIN|Distribution/
Dissemination Control: NOFORN|Decontrol On: February 2, 2020'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-and-dissem">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:compliesWith="USGov USA-CUI USDOD"
            ism:DESVersion="202111.202211"
            ism:ownerProducer="USA"
            ism:classification="U"
            ism:ISMATCESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2008-10-01"
            ism:cuiControlledBy="John Doe"
            ism:cuiDecontrolDate="2020-02-02"
            ism:disseminationControls="NF PR"
            ism:cuiBasic="PROPIN"/>
    </x:context>
    <x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-and-dissem-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be UNCLASSIFIED//CUI//PROPIN//NOFORN/PROPIN"
            test=".='UNCLASSIFIED//CUI//PROPIN//NOFORN/PROPIN'"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-and-dissem-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (U//CUI//PROPIN//NF/PR) "
            test=".='(U//CUI//PROPIN//NF/PR) '"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-and-dissem-ism:authority">
```



```
<x:context mode="ism:authority"/>
<x:expect label="The authority should be Controlled By: John Doe|CUI Category: PROPIN|Distribution/Dissemination Control: NOFORN|Decontrol On: February 2, 2020"
test=".='Controlled By: John Doe|CUI Category: PROPIN|Distribution/Dissemination Control: NOFORN|Decontrol On: February 2, 2020'"/>
</x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USGov USA-CUI USDOD"
      ism:DESVersion="202111.202211"
      ism:ownerProducer="USA"
      ism:classification="U"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2008-10-01"
      ism:cuiControlledBy="John Doe"
      ism:cuiDecontrolDate="2020-02-02"
      ism:disseminationControls="NF"
      ism:cuiBasic="PROPIN"/>
  </x:context>
  <x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be CUI//PROPIN//NOFORN"
      test=".='CUI//PROPIN//NOFORN'"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (CUI//PROPIN//NF) "
      test=".='(CUI//PROPIN//NF) '"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Controlled By: John Doe|CUI Category: PROPIN|Distribution/Dissemination Control: NOFORN|Decontrol On: February 2, 2020"
      test=".='Controlled By: John Doe|CUI Category: PROPIN|Distribution/Dissemination Control: NOFORN|Decontrol On: February 2, 2020'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="Commingled-U-DL_ONLY">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="U"
      ism:ownerProducer="USA"
      ism:compliesWith="USA-CUI USGov USDOD"
      ism:cuiControlledBy="John Smith"
      ism:disseminationControls="NF DL_ONLY"
      ism:DESVersion="202111.202211"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
      ism:cuiBasic="CMPRS JURY"/>
  </x:context>
  <x:scenario label="Commingled-U-DL_ONLY-ism:banner">
```

```

        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/NOFORN"
            test=".='CUI//CMPRS/JURY//DL_ONLY/NOFORN'"/>
    </x:scenario>
    <x:scenario label="Commingled-U-DL_ONLY-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/NF) "
            test=".='(CUI//CMPRS/JURY//DL_ONLY/NF) '"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-DL_ONLY-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Controlled By: John Smith|CUI Category: CMPRS JURY|Distribution/Dissemination Control: DL_ONLY; NOFORN"
            test=".='Controlled By: John Smith|CUI Category: CMPRS JURY|Distribution/Dissemination Control: DL_ONLY; NOFORN'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="Commingled-U-NF-DL_ONLY-FEDCON">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="U"
            ism:ownerProducer="USA"
            ism:compliesWith="USA-CUI USGov USDOD"
            ism:cuiControlledBy="John Smith"
            ism:disseminationControls="NF DL_ONLY FEDCON"
            ism:DESVersion="202111.202211"
            ism:ISMCATCESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiBasic="CMPRS JURY"/>
    </x:context>
    <x:scenario label="Commingled-U-NF-DL_ONLY-FEDCON-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/FEDCON/NOFORN"
            test=".='CUI//CMPRS/JURY//DL_ONLY/FEDCON/NOFORN'"/>
    </x:scenario>
    <x:scenario label="Commingled-U-NF-DL_ONLY-FEDCON-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/FEDCON/NF) "
            test=".='(CUI//CMPRS/JURY//DL_ONLY/FEDCON/NF) '"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-NF-DL_ONLY-FEDCON-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Controlled By: John Smith|CUI Category: CMPRS JURY|Distribution/Dissemination Control: DL_ONLY; FEDCON; NOFORN"
            test=".='Controlled By: John Smith|CUI Category: CMPRS JURY|Distribution/Dissemination Control: DL_ONLY; FEDCON; NOFORN'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="Commingled-TS-All-Types">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="TS"
            ism:ownerProducer="USA"
            ism:compliesWith="USA-CUI USGov USDOD"
            ism:cuiControlledBy="John Smith"

```



```

        ism:derivativelyClassifiedBy="John Smith"
        ism:derivedFrom="My Guide"
        ism:declassDate="2024-12-31"
        ism:SCIcontrols="HCS HCS-P SI SI-G TK"
        ism:atomicEnergyMarkings="RD FRD"
        ism:FGISourceOpen="GBR"
        ism:disseminationControls="OC REL DL_ONLY FEDCON"
        ism:nonICmarkings="DS"
        ism:releasableTo="USA GBR"
        ism:DESVersion="202111.202211"
        ism:ISMCAICESVersion="202211"
        ism:resourceElement="true"
        ism:createDate="2009-06-01"
        ism:cuiBasic="CMPRS JURY"
        ism:cuiSpecified="AIV PRIIG"/>
    </x:context>
    <x:scenario label="Commingled-TS-All-Types-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be TOP SECRET//HCS-P/SI-G/TK//RD/FRD//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//ORCON/REL TO USA, GBR/DL_ONLY/FEDCON//LIMDIS"
            test=".='TOP SECRET//HCS-P/SI-G/TK//RD/FRD//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//ORCON/REL TO USA, GBR/DL_ONLY/FEDCON//LIMDIS'"/>
    </x:scenario>
    <x:scenario label="Commingled-TS-All-Types-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (TS//HCS-P/SI-G/TK//RD/FRD//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//OC/REL TO USA, GBR/DL_ONLY/FEDCON//DS) "
            test=".='(TS//HCS-P/SI-G/TK//RD/FRD//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//OC/REL TO USA, GBR/DL_ONLY/FEDCON//DS) '"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-TS-All-Types-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Smith|CUI Category: CMPRS
JURY SP-AIV SP-PRIIG|Distribution/Dissemination Control: REL TO USA, GBR; DL_ONLY; FEDCON"
            test=".='Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Smith|CUI Category: CMPRS JURY SP-AIV SP-PRIIG|
Distribution/Dissemination Control: REL TO USA, GBR; DL_ONLY; FEDCON'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="Commingled-TS-SCI">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="TS"
            ism:ownerProducer="USA"
            ism:compliesWith="USA-CUI USGov USDOD"
            ism:cuiControlledBy="John Smith"
            ism:derivativelyClassifiedBy="John Smith"
            ism:derivedFrom="My Guide"
            ism:declassDate="2024-12-31"
            ism:SCIcontrols="HCS HCS-P SI SI-G TK"
            ism:disseminationControls="OC REL DL_ONLY FEDCON"
            ism:releasableTo="USA GBR"
            ism:DESVersion="202111.202211"
            ism:ISMCAICESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiBasic="CMPRS JURY"
            ism:cuiSpecified="AIV PRIIG"/>
    </x:context>
</x:scenario>

```

```
</x:context>
<x:scenario label="Commingled-TS-SCI-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be TOP SECRET//HCS-P/SI-G/TK//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//ORCON/REL TO USA, GBR/DL_ONLY/FEDCON"
    test=".='TOP SECRET//HCS-P/SI-G/TK//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//ORCON/REL TO USA, GBR/DL_ONLY/FEDCON'"/>
</x:scenario>
<x:scenario label="Commingled-TS-SCI-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (TS//HCS-P/SI-G/TK//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//OC/REL TO USA, GBR/DL_ONLY/FEDCON) "
    test=".='(TS//HCS-P/SI-G/TK//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//OC/REL TO USA, GBR/DL_ONLY/FEDCON) '"/>
</x:scenario>
<x:scenario label="CUI-Commingled-TS-SCI-ism:authority">
  <x:context mode="ism:authority"/>
  <x:expect label="The authority should be Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Smith|CUI Category: CMPRS
JURY SP-AIV SP-PRIIG|Distribution/Dissemination Control: REL TO USA, GBR; DL_ONLY; FEDCON"
    test=".='Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Smith|CUI Category: CMPRS JURY SP-AIV SP-PRIIG|
Distribution/Dissemination Control: REL TO USA, GBR; DL_ONLY; FEDCON'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="Commingled-Unclassified-All-Types">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="U"
      ism:ownerProducer="USA"
      ism:compliesWith="USA-CUI USGov USDOD"
      ism:cuiControlledBy="John Smith"
      ism:atomicEnergyMarkings="UCNI"
      ism:FGISourceOpen="GBR"
      ism:disseminationControls="REL DL_ONLY FEDCON"
      ism:nonICmarkings="DS"
      ism:releasableTo="USA GBR"
      ism:DESVersion="202111.202211"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
      ism:cuiBasic="CMPRS JURY"
      ism:cuiSpecified="AIV PRIIG"/>
  </x:context>
  <x:scenario label="Commingled-Unclassified-All-Types-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be UNCLASSIFIED//DOE UCNI//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON//LIMDIS"
      test=".='UNCLASSIFIED//DOE UCNI//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON//LIMDIS'"/>
  </x:scenario>
  <x:scenario label="Commingled-Unclassified-All-Types-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (U//UCNI//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON//DS) "
      test=".='(U//UCNI//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON//DS) '"/>
  </x:scenario>
  <x:scenario label="Commingled-Unclassified-All-Types-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Controlled By: John Smith|CUI Category: CMPRS JURY SP-AIV SP-PRIIG|Distribution/Dissemination Control: REL TO USA, GBR;
DL_ONLY; FEDCON"
      test=".='Controlled By: John Smith|CUI Category: CMPRS JURY SP-AIV SP-PRIIG|Distribution/Dissemination Control: REL TO USA, GBR; DL_ONLY; FEDCON'"/>
  </x:scenario>
</x:scenario>
```

```
</x:scenario>
</x:scenario>

<x:scenario label="Commingled-Unclassified-FGI">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="U"
      ism:ownerProducer="USA"
      ism:compliesWith="USA-CUI USGov USDOD"
      ism:cuiControlledBy="John Smith"
      ism:FGISourceOpen="GBR"
      ism:disseminationControls="REL DL_ONLY FEDCON"
      ism:releasableTo="USA GBR"
      ism:DESVersion="202111.202211"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
      ism:cuiBasic="CMPRS JURY"
      ism:cuiSpecified="AIV PRIIG"/>
  </x:context>
  <x:scenario label="Commingled-Unclassified-FGI-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be UNCLASSIFIED//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON"
      test=".='UNCLASSIFIED//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON'"/>
  </x:scenario>
  <x:scenario label="Commingled-Unclassified-FGI-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (U//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON) "
      test=".='(U//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON) '"/>
  </x:scenario>
  <x:scenario label="Commingled-Unclassified-FGI-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Controlled By: John Smith|CUI Category: CMPRS JURY SP-AIV SP-PRIIG|Distribution/Dissemination Control: REL TO USA, GBR;
DL_ONLY; FEDCON"
      test=".='Controlled By: John Smith|CUI Category: CMPRS JURY SP-AIV SP-PRIIG|Distribution/Dissemination Control: REL TO USA, GBR; DL_ONLY; FEDCON'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="Commingled-Unclassified-FGI-simple">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="U"
      ism:ownerProducer="USA"
      ism:compliesWith="USA-CUI USGov USDOD"
      ism:cuiControlledBy="John Smith"
      ism:FGISourceOpen="GBR"
      ism:disseminationControls="REL"
      ism:releasableTo="USA GBR"
      ism:DESVersion="202111.202211"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
      ism:cuiBasic="CMPRS JURY"
      ism:cuiSpecified="AIV PRIIG"/>
```

```
</x:context>
<x:scenario label="Commingled-Unclassified-FGI-simple-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be UNCLASSIFIED//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR"
    test=".='UNCLASSIFIED//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR'"/>
</x:scenario>
<x:scenario label="Commingled-Unclassified-FGI-simple-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (U//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR) "
    test=".='(U//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR) '"/>
</x:scenario>
<x:scenario label="Commingled-Unclassified-FGI-simple-ism:authority">
  <x:context mode="ism:authority"/>
  <x:expect label="The authority should be Controlled By: John Smith|CUI Category: CMPRS JURY SP-AIV SP-PRIIG|Distribution/Dissemination Control: REL TO USA, GBR"
    test=".='Controlled By: John Smith|CUI Category: CMPRS JURY SP-AIV SP-PRIIG|Distribution/Dissemination Control: REL TO USA, GBR'"/>
</x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-U-DSEN-cuiBasic">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USGov USA-CUI USDOD"
      ism:DESVersion="202111.202211"
      ism:ownerProducer="USA"
      ism:classification="U"
      ism:ISMCATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2008-10-01"
      ism:cuiControlledBy="John Doe"
      ism:cuiDecontrolDate="2020-02-02"
      ism:disseminationControls="NF DSEN"
      ism:cuiBasic="LEI"/>
  </x:context>
  <x:scenario label="CUI-Commingled-U-DSEN-cuiBasic-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be UNCLASSIFIED//CUI//LEI//NOFORN/DEA SENSITIVE"
      test=".='UNCLASSIFIED//CUI//LEI//NOFORN/DEA SENSITIVE'"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-U-DSEN-cuiBasic-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (U//CUI//LEI//NF/DSEN) "
      test=".='(U//CUI//LEI//NF/DSEN) '"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-U-DSEN-cuiBasic-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Controlled By: John Doe|CUI Category: LEI|Distribution/Dissemination Control: NOFORN|Decontrol On: February 2, 2020"
      test=".='Controlled By: John Doe|CUI Category: LEI|Distribution/Dissemination Control: NOFORN|Decontrol On: February 2, 2020'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-U-RELIDO-cuiBasic">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USGov USA-CUI USDOD"
```

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        ism:DESVersion="202111.202211"
        ism:ownerProducer="USA"
        ism:classification="U"
        ism:ISMATCESVersion="202211"
        ism:resourceElement="true"
        ism:createDate="2008-10-01"
        ism:cuiControlledBy="John Doe"
        ism:cuiDecontrolDate="2020-02-02"
        ism:disseminationControls="RELIDO"
        ism:cuiBasic="LEI"/>
    </x:context>
    <x:scenario label="CUI-Commingled-U-RELIDO-cuiBasic-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be CUI//LEI//RELIDO"
            test=".='CUI//LEI//RELIDO'"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-RELIDO-cuiBasic-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//LEI//RELIDO) "
            test=".='(CUI//LEI//RELIDO) '"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-RELIDO-cuiBasic-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Controlled By: John Doe|CUI Category: LEI|Distribution/Dissemination Control: RELIDO|Decontrol On: February 2, 2020"
            test=".='Controlled By: John Doe|CUI Category: LEI|Distribution/Dissemination Control: RELIDO|Decontrol On: February 2, 2020'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-U-FOUO-cuiBasic">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:compliesWith="USGov USA-CUI USDOD"
            ism:DESVersion="202111.202211"
            ism:ownerProducer="USA"
            ism:classification="U"
            ism:ISMATCESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2008-10-01"
            ism:cuiControlledBy="John Doe"
            ism:cuiDecontrolDate="2020-02-02"
            ism:disseminationControls="FOUO"
            ism:cuiBasic="LEI"/>
    </x:context>
    <x:scenario label="CUI-Commingled-U-FOUO-cuiBasic-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be UNCLASSIFIED//CUI//LEI//FOUO"
            test=".='UNCLASSIFIED//CUI//LEI//FOUO'"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-FOUO-cuiBasic-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (U//CUI//LEI//FOUO) "
            test=".='(U//CUI//LEI//FOUO) '"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-FOUO-cuiBasic-ism:authority">

```

```

    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Controlled By: John Doe|CUI Category: LEI|Decontrol On: February 2, 2020"
              test=".='Controlled By: John Doe|CUI Category: LEI|Decontrol On: February 2, 2020'"/>
  </x:scenario>
</x:scenario>

```

```

</x:description>

```

## 2.6 - CUI-ISOO-Style.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
  stylesheet="../../ISMUIISOOStyleForXSPEC.xsl">

  <x:scenario label="CUI-ONLY-LEI-cuiBasic">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:compliesWith="USA-CUI-ONLY"
        ism:cuiControlledBy="John Smith"
        ism:DESVersion="202111.202211"
        ism:cuiDecontrolDate="2034-12-31"
        ism:ISMATCESVersion="202211"
        ism:resourceElement="true"
        ism:createDate="2009-06-01"
        ism:cuiBasic="LEI"/>
    </x:context>
    <x:scenario label="CUI-ONLY-LEI-cuiBasic-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be CUI//LEI" test=".='CUI//LEI'"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-LEI-cuiBasic-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (CUI//LEI) " test=".='(CUI//LEI) '"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-LEI-cuiBasic-ism:authority">
      <x:context mode="ism:authority"/>
      <x:expect label="The authority should be Controlled By: John Smith|Decontrol On: December 31, 2034"
        test=".='Controlled By: John Smith|Decontrol On: December 31, 2034'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="CUI-ONLY-CMPRS JURY-cuiBasic">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:compliesWith="USA-CUI-ONLY"
        ism:cuiControlledBy="John Smith"
        ism:DESVersion="202111.202211"
        ism:cuiControlledByOffice="CIO"
        ism:cuiPOC="John Smith"
        ism:ISMATCESVersion="202211"
        ism:resourceElement="true"
        ism:createDate="2009-06-01"
        ism:cuiBasic="CMPRS JURY"/>
    </x:context>
    <x:scenario label="CUI-ONLY-CMPRS JURY-cuiBasic-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be CUI//CMPRS/JURY" test=".='CUI//CMPRS/JURY'"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-CMPRS JURY-cuiBasic-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (CUI//CMPRS/JURY) "
        test=".='(CUI//CMPRS/JURY) '"/>
    </x:scenario>
  </x:scenario>
</x:description>
```



```

    </x:scenario>
    <x:scenario label="CUI-ONLY-CMPRS JURY-cuiBasic-ism:authority">
      <x:context mode="ism:authority"/>
      <x:expect label="The authority should be Controlled By: John Smith|Controlled By: CIO|POC: John Smith"
        test=".='Controlled By: John Smith|Controlled By: CIO|POC: John Smith'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="CUI-ONLY-CONTRACT SUB-cuiSpecified">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:compliesWith="USA-CUI-ONLY"
        ism:cuiControlledBy="John Smith"
        ism:cuiDecontrolDate="2044-12-31"
        ism:DESVersion="202111.202211"
        ism:ISMATCESVersion="202211"
        ism:resourceElement="true"
        ism:createDate="2009-06-01"
        ism:cuiSpecified="CONTRACT SUB"/>
    </x:context>
    <x:scenario label="CUI-ONLY-CONTRACT SUB-cuiSpecified-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be CUI//SP-CONTRACT/SP-SUB"
        test=".='CUI//SP-CONTRACT/SP-SUB'"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-CONTRACT SUB-cuiSpecified-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (CUI//SP-CONTRACT/SP-SUB) "
        test=".='(CUI//SP-CONTRACT/SP-SUB) '"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-CONTRACT SUB-cuiSpecified-ism:authority">
      <x:context mode="ism:authority"/>
      <x:expect label="The authority should be Controlled By: John Smith|Decontrol On: December 31, 2044"
        test=".='Controlled By: John Smith|Decontrol On: December 31, 2044'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="CUI-ONLY-DL_ONLY">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:compliesWith="USA-CUI-ONLY"
        ism:cuiControlledBy="John Smith"
        ism:disseminationControls="DL_ONLY NF"
        ism:DESVersion="202111.202211"
        ism:ISMATCESVersion="202211"
        ism:resourceElement="true"
        ism:createDate="2009-06-01"
        ism:cuiBasic="CMPRS JURY"/>
    </x:context>
    <x:scenario label="CUI-ONLY-DL_ONLY-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/NOFORN"
        test=".='CUI//CMPRS/JURY//DL_ONLY/NOFORN'"/>
    </x:scenario>
  </x:scenario>

```



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<x:scenario label="CUI-ONLY-DL_ONLY-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/NF) "
    test=".='(CUI//CMPRS/JURY//DL_ONLY/NF) '"/>
</x:scenario>
<x:scenario label="CUI-ONLY-DL_ONLY-ism:authority">
  <x:context mode="ism:authority"/>
  <x:expect label="The authority should be Controlled By: John Smith"
    test=".='Controlled By: John Smith'"/>
</x:scenario>
</x:scenario>

<x:scenario label="CUI-ONLY-DL_ONLY-FEDCON-NF">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USA-CUI-ONLY"
      ism:cuiControlledBy="John Smith"
      ism:disseminationControls="DL_ONLY FEDCON NF"
      ism:DESVersion="202111.202211"
      ism:ISMCACTCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
      ism:cuiBasic="CMPRS JURY"/>
  </x:context>
  <x:scenario label="CUI-ONLY-DL_ONLY-FEDCON-NF-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/FEDCON/NOFORN"
      test=".='CUI//CMPRS/JURY//DL_ONLY/FEDCON/NOFORN'"/>
  </x:scenario>
  <x:scenario label="CUI-ONLY-DL_ONLY-FEDCON-NF-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/FEDCON/NF) "
      test=".='(CUI//CMPRS/JURY//DL_ONLY/FEDCON/NF) '"/>
  </x:scenario>
  <x:scenario label="CUI-ONLY-DL_ONLY-FEDCON-NF-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Controlled By: John Smith"
      test=".='Controlled By: John Smith'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="CUI-ONLY-DL_ONLY-decontrolDate">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USA-CUI-ONLY"
      ism:cuiControlledBy="John Smith"
      ism:cuiDecontrolDate="2034-12-31"
      ism:disseminationControls="DL_ONLY NF"
      ism:DESVersion="202111.202211"
      ism:ISMCACTCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
      ism:cuiBasic="CMPRS JURY"/>
  </x:context>
```

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<x:scenario label="CUI-ONLY-DL_ONLY-decontrolDate-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/NOFORN"
    test=".='CUI//CMPRS/JURY//DL_ONLY/NOFORN'"/>
</x:scenario>
<x:scenario label="CUI-ONLY-DL_ONLY-decontrolDate-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/NF) "
    test=".='(CUI//CMPRS/JURY//DL_ONLY/NF) '"/>
</x:scenario>
<x:scenario label="CUI-ONLY-DL_ONLY-decontrolDate-ism:authority">
  <x:context mode="ism:authority"/>
  <x:expect label="The authority should be |Controlled By: John Smith|Decontrol On: December 31, 2034"
    test=".='Controlled By: John Smith|Decontrol On: December 31, 2034'"/>
</x:scenario>
</x:scenario>

<x:scenario label="CUI-ONLY-DL_ONLY-decontrolEvent">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USA-CUI-ONLY"
      ism:cuiControlledBy="John Smith"
      ism:cuiDecontrolEvent="The end of this conflict"
      ism:disseminationControls="DL_ONLY NF"
      ism:DESVersion="202111.202211"
      ism:ISMCATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
      ism:cuiBasic="CMPRS JURY"/>
  </x:context>
  <x:scenario label="CUI-ONLY-DL_ONLY-decontrolEvent-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/NOFORN"
      test=".='CUI//CMPRS/JURY//DL_ONLY/NOFORN'"/>
  </x:scenario>
  <x:scenario label="CUI-ONLY-DL_ONLY-decontrolEvent-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/NF) "
      test=".='(CUI//CMPRS/JURY//DL_ONLY/NF) '"/>
  </x:scenario>
  <x:scenario label="CUI-ONLY-DL_ONLY-decontrolEvent-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be |Controlled By: John Smith|Decontrol On: The end of this conflict"
      test=".='Controlled By: John Smith|Decontrol On: The end of this conflict'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="CUI-ONLY-DL_ONLY-decontrolDateEvent">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USA-CUI-ONLY"
      ism:cuiControlledBy="John Smith"
      ism:cuiDecontrolDate="2034-12-31"
      ism:cuiDecontrolEvent="The end of this conflict"
```

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        ism:disseminationControls="DL_ONLY NF"
        ism:DESVersion="202111.202211"
        ism:ISMCACTCESVersion="202211"
        ism:resourceElement="true"
        ism:createDate="2009-06-01"
        ism:cuiBasic="CMPRS JURY"/>
</x:context>
<x:scenario label="CUI-ONLY-DL_ONLY-decontrolDateEvent-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/NOFORN"
        test=".='CUI//CMPRS/JURY//DL_ONLY/NOFORN'"/>
</x:scenario>
<x:scenario label="CUI-ONLY-DL_ONLY-decontrolDateEvent-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/NF) "
        test=".='(CUI//CMPRS/JURY//DL_ONLY/NF) '"/>
</x:scenario>
<x:scenario label="CUI-ONLY-DL_ONLY-decontrolDateEvent-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be |Controlled By: John Smith|Decontrol On: December 31, 2034 or The end of this conflict"
        test=".='Controlled By: John Smith|Decontrol On: December 31, 2034 or The end of this conflict'"/>
</x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-U-FISA-dissem">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:compliesWith="USA-CUI USGov"
            ism:cuiControlledBy="John Smith"
            ism:classification="U"
            ism:disseminationControls="NF FISA"
            ism:ownerProducer="USA"
            ism:DESVersion="202111.202211"
            ism:ISMCACTCESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiSpecified="AIV"
            ism:cuiDecontrolDate="2029-12-31"/>
    </x:context>
    <x:scenario label="CUI-Commingled-U-FISA-dissem-ISM:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be UNCLASSIFIED//CUI//SP-AIV//NOFORN/FISA"
            test=".='UNCLASSIFIED//CUI//SP-AIV//NOFORN/FISA'"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-FISA-dissem-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (U//CUI//SP-AIV//NF/FISA) "
            test=".='(U//CUI//SP-AIV//NF/FISA) '"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-FISA-dissem-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Controlled By: John Smith|Decontrol On: December 31, 2029"
            test=".='Controlled By: John Smith|Decontrol On: December 31, 2029'"/>
    </x:scenario>
</x:scenario>

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</x:scenario>

<x:scenario label="CUI-Commingled-S-FISA-dissem-classified">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USA-CUI USGov"
      ism:cuiControlledBy="John Smith"
      ism:classification="S"
      ism:disseminationControls="NF FISA"
      ism:ownerProducer="USA"
      ism:cuiDecontrolDate="2029-12-31"
      ism:derivativelyClassifiedBy="John Smith"
      ism:derivedFrom="My Guide"
      ism:declassDate="2024-12-31"
      ism:DESVersion="202111.202211"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
      ism:cuiSpecified="AIV"/>
  </x:context>
  <x:scenario label="CUI-Commingled-S-FISA-dissem-classified-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//CUI//SP-AIV//NOFORN/FISA"
      test=".='SECRET//CUI//SP-AIV//NOFORN/FISA'"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-S-FISA-dissem-classified-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//CUI//SP-AIV//NF/FISA) "
      test=".='(S//CUI//SP-AIV//NF/FISA) '"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-S-FISA-dissem-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Smith|Decontrol On:
December 31, 2029"
      test=".='Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Smith|Decontrol On: December 31, 2029'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-U-FISA-cuiSpecified">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USA-CUI USGov"
      ism:cuiControlledBy="John Smith"
      ism:classification="U"
      ism:disseminationControls="NF"
      ism:ownerProducer="USA"
      ism:DESVersion="202111.202211"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
      ism:cuiSpecified="AIV FISA"
      ism:cuiDecontrolDate="2025-12-31"/>
  </x:context>
```

```
<x:scenario label="CUI-Commingled-U-FISA-cuiSpecified:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be CUI//SP-AIV/SP-FISA//NOFORN"
    test=".='CUI//SP-AIV/SP-FISA//NOFORN'"/>
</x:scenario>
<x:scenario label="CUI-Commingled-U-FISA-cuiSpecified-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (CUI//SP-AIV/SP-FISA//NF) "
    test=".='(CUI//SP-AIV/SP-FISA//NF) '"/>
</x:scenario>
<x:scenario label="CUI-Commingled-U-FISA-cuiSpecified-ism:authority">
  <x:context mode="ism:authority"/>
  <x:expect label="The authority should be Controlled By: John Smith|Decontrol On: December 31, 2025"
    test=".='Controlled By: John Smith|Decontrol On: December 31, 2025'"/>
</x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-S-PROPIN-cuiBasic">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USGov USA-CUI"
      ism:DESVersion="202111.202211"
      ism:ownerProducer="USA"
      ism:classification="S"
      ism:ISMCAICESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2008-10-01"
      ism:derivativelyClassifiedBy="John Doe"
      ism:derivedFrom="My Guide"
      ism:declassDate="2024-12-31"
      ism:cuiControlledBy="John Doe"
      ism:cuiDecontrolDate="2020-02-02"
      ism:disseminationControls="NF PR"
      ism:cuiBasic="PROPIN"/>
    </x:context>
    <x:scenario label="CUI-Commingled-S-PROPIN-cuiBasic-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be SECRET//CUI//PROPIN//NOFORN/PROPIN"
        test=".='SECRET//CUI//PROPIN//NOFORN/PROPIN'"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-S-PROPIN-cuiBasic-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//CUI//PROPIN//NF/PR) "
        test=".='(S//CUI//PROPIN//NF/PR) '"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-S-PROPIN-cuiBasic-ism:authority">
      <x:context mode="ism:authority"/>
      <x:expect label="The authority should be Classified by: John Doe|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Doe|Decontrol On: February
2, 2020"
        test=".='Classified by: John Doe|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Doe|Decontrol On: February 2, 2020'"/>
    </x:scenario>
  </x:scenario>

<x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-and-dissem">
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<x:context>
  <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    ism:compliesWith="USGov USA-CUI"
    ism:DESVersion="202111.202211"
    ism:ownerProducer="USA"
    ism:classification="U"
    ism:ISMATCESVersion="202211"
    ism:resourceElement="true"
    ism:createDate="2008-10-01"
    ism:cuiControlledBy="John Doe"
    ism:cuiDecontrolDate="2020-02-02"
    ism:disseminationControls="NF PR"
    ism:cuiBasic="PROPIN"/>
</x:context>
<x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-and-dissem-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be UNCLASSIFIED//CUI//PROPIN//NOFORN/PROPIN"
    test=".='UNCLASSIFIED//CUI//PROPIN//NOFORN/PROPIN'"/>
</x:scenario>
<x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-and-dissem-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (U//CUI//PROPIN//NF/PR) "
    test=".='(U//CUI//PROPIN//NF/PR) '"/>
</x:scenario>
<x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-and-dissem-ism:authority">
  <x:context mode="ism:authority"/>
  <x:expect label="The authority should be Controlled By: John Doe|Decontrol On: February 2, 2020"
    test=".='Controlled By: John Doe|Decontrol On: February 2, 2020'"/>
</x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USGov USA-CUI"
      ism:DESVersion="202111.202211"
      ism:ownerProducer="USA"
      ism:classification="U"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2008-10-01"
      ism:cuiControlledBy="John Doe"
      ism:cuiDecontrolDate="2020-02-02"
      ism:disseminationControls="NF"
      ism:cuiBasic="PROPIN"/>
  </x:context>
  <x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be CUI//PROPIN//NOFORN"
      test=".='CUI//PROPIN//NOFORN'"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (CUI//PROPIN//NF) "

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        test=".='(CUI//PROPIN//NF) '"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-PROPIN-cuiBasic-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Controlled By: John Doe|Decontrol On: February 2, 2020"
            test=".='Controlled By: John Doe|Decontrol On: February 2, 2020'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="Commingled-U-DL_ONLY">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="U"
            ism:ownerProducer="USA"
            ism:compliesWith="USA-CUI USGov"
            ism:cuiControlledBy="John Smith"
            ism:disseminationControls="NF DL_ONLY"
            ism:DESVersion="202111.202211"
            ism:ISMCACTCESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiBasic="CMPRS JURY"/>
    </x:context>
    <x:scenario label="Commingled-U-DL_ONLY-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/NOFORN"
            test=".='CUI//CMPRS/JURY//DL_ONLY/NOFORN'"/>
    </x:scenario>
    <x:scenario label="Commingled-U-DL_ONLY-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/NF) "
            test=".='(CUI//CMPRS/JURY//DL_ONLY/NF) '"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-DL_ONLY-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Controlled By: John Smith"
            test=".='Controlled By: John Smith'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="Commingled-U-NF-DL_ONLY-FEDCON">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="U"
            ism:ownerProducer="USA"
            ism:compliesWith="USA-CUI USGov"
            ism:cuiControlledBy="John Smith"
            ism:disseminationControls="NF DL_ONLY FEDCON"
            ism:DESVersion="202111.202211"
            ism:ISMCACTCESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiBasic="CMPRS JURY"/>

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</x:context>
<x:scenario label="Commingled-U-NF-DL_ONLY-FEDCON-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/FEDCON/NOFORN"
    test=".='CUI//CMPRS/JURY//DL_ONLY/FEDCON/NOFORN'"/>
</x:scenario>
<x:scenario label="Commingled-U-NF-DL_ONLY-FEDCON-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/FEDCON/NF) "
    test=".='(CUI//CMPRS/JURY//DL_ONLY/FEDCON/NF) '"/>
</x:scenario>
<x:scenario label="CUI-Commingled-U-NF-DL_ONLY-FEDCON-ism:authority">
  <x:context mode="ism:authority"/>
  <x:expect label="The authority should be Controlled By: John Smith"
    test=".='Controlled By: John Smith'"/>
</x:scenario>
</x:scenario>

<x:scenario label="Commingled-TS-All-Types">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:compliesWith="USA-CUI USGov"
      ism:cuiControlledBy="John Smith"
      ism:derivativelyClassifiedBy="John Smith"
      ism:derivedFrom="My Guide"
      ism:declassDate="2024-12-31"
      ism:SCIcontrols="HCS HCS-P SI SI-G TK"
      ism:atomicEnergyMarkings="RD FRD"
      ism:FGISourceOpen="GBR"
      ism:disseminationControls="OC REL DL_ONLY FEDCON"
      ism:nonICmarkings="DS"
      ism:releasableTo="USA GBR"
      ism:DESVersion="202111.202211"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
      ism:cuiBasic="CMPRS JURY"
      ism:cuiSpecified="AIV PRIIG"/>
  </x:context>
  <x:scenario label="Commingled-TS-All-Types-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be TOP SECRET//HCS-P/SI-G/TK//RD/FRD//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//ORCON/REL TO USA, GBR/DL_ONLY/FEDCON//LIMDIS"
      test=".='TOP SECRET//HCS-P/SI-G/TK//RD/FRD//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//ORCON/REL TO USA, GBR/DL_ONLY/FEDCON//LIMDIS'"/>
  </x:scenario>
  <x:scenario label="Commingled-TS-All-Types-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS//HCS-P/SI-G/TK//RD/FRD//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//OC/REL TO USA, GBR/DL_ONLY/FEDCON//DS) "
      test=".='(TS//HCS-P/SI-G/TK//RD/FRD//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//OC/REL TO USA, GBR/DL_ONLY/FEDCON//DS) '"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-TS-All-Types-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Smith"
```



```
        test=".='Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Smith'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="Commingled-TS-SCI">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="TS"
            ism:ownerProducer="USA"
            ism:compliesWith="USA-CUI USGov"
            ism:cuiControlledBy="John Smith"
            ism:derivativelyClassifiedBy="John Smith"
            ism:derivedFrom="My Guide"
            ism:declassDate="2024-12-31"
            ism:SCIcontrols="HCS HCS-P SI SI-G TK"
            ism:disseminationControls="OC REL DL_ONLY FEDCON"
            ism:releasableTo="USA GBR"
            ism:DESVersion="202111.202211"
            ism:ISMCAICESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiBasic="CMPRS JURY"
            ism:cuiSpecified="AIV PRIIG"/>
    </x:context>
    <x:scenario label="Commingled-TS-SCI-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be TOP SECRET//HCS-P/SI-G/TK//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//ORCON/REL TO USA, GBR/DL_ONLY/FEDCON"
            test=".='TOP SECRET//HCS-P/SI-G/TK//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//ORCON/REL TO USA, GBR/DL_ONLY/FEDCON'"/>
    </x:scenario>
    <x:scenario label="Commingled-TS-SCI-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (TS//HCS-P/SI-G/TK//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//OC/REL TO USA, GBR/DL_ONLY/FEDCON) "
            test=".='(TS//HCS-P/SI-G/TK//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//OC/REL TO USA, GBR/DL_ONLY/FEDCON) '"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-TS-SCI-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Smith"
            test=".='Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2024|Controlled By: John Smith'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="Commingled-Unclassified-All-Types">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="U"
            ism:ownerProducer="USA"
            ism:compliesWith="USA-CUI USGov"
            ism:cuiControlledBy="John Smith"
            ism:atomicEnergyMarkings="UCNI"
            ism:FGISourceOpen="GBR"
            ism:disseminationControls="REL DL_ONLY FEDCON"
            ism:nonICmarkings="DS"
            ism:releasableTo="USA GBR"
            ism:DESVersion="202111.202211"
```

```

        ism:ISMCACTCESVersion="202211"
        ism:resourceElement="true"
        ism:createDate="2009-06-01"
        ism:cuiBasic="CMPRS JURY"
        ism:cuiSpecified="AIV PRIIG"/>
    </x:context>
    <x:scenario label="Commingled-Unclassified-All-Types-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be UNCLASSIFIED//DOE UCNI//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON//LIMDIS"
            test=".='UNCLASSIFIED//DOE UCNI//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON//LIMDIS'"/>
    </x:scenario>
    <x:scenario label="Commingled-Unclassified-All-Types-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (U//UCNI//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON//DS) "
            test=".='(U//UCNI//FGI GBR//CUI//SP-AIV/SP-PRIIG/CMPRS/JURY//REL TO USA, GBR/DL_ONLY/FEDCON//DS) '"/>
    </x:scenario>
    <x:scenario label="Commingled-Unclassified-All-Types-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Controlled By: John Smith"
            test=".='Controlled By: John Smith'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-U-DSEN-cuiBasic">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:compliesWith="USGov USA-CUI"
            ism:DESVersion="202111.202211"
            ism:ownerProducer="USA"
            ism:classification="U"
            ism:ISMCACTCESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2008-10-01"
            ism:cuiControlledBy="John Doe"
            ism:cuiDecontrolDate="2020-02-02"
            ism:disseminationControls="NF DSEN"
            ism:cuiBasic="LEI"/>
    </x:context>
    <x:scenario label="CUI-Commingled-U-DSEN-cuiBasic-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be UNCLASSIFIED//CUI//LEI//NOFORN/DEA SENSITIVE"
            test=".='UNCLASSIFIED//CUI//LEI//NOFORN/DEA SENSITIVE'"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-DSEN-cuiBasic-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (U//CUI//LEI//NF/DSEN) "
            test=".='(U//CUI//LEI//NF/DSEN) '"/>
    </x:scenario>
    <x:scenario label="CUI-Commingled-U-DSEN-cuiBasic-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Controlled By: John Doe|Decontrol On: February 2, 2020"
            test=".='Controlled By: John Doe|Decontrol On: February 2, 2020'"/>
    </x:scenario>
</x:scenario>

```

```

<x:scenario label="CUI-Commingled-U-RELIDO-cuiBasic">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USGov USA-CUI"
      ism:DESVersion="202111.202211"
      ism:ownerProducer="USA"
      ism:classification="U"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2008-10-01"
      ism:cuiControlledBy="John Doe"
      ism:cuiDecontrolDate="2020-02-02"
      ism:disseminationControls="RELIDO"
      ism:cuiBasic="LEI"/>
  </x:context>
  <x:scenario label="CUI-Commingled-U-RELIDO-cuiBasic-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be CUI//LEI//RELIDO"
      test=".='CUI//LEI//RELIDO'"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-U-RELIDO-cuiBasic-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (CUI//LEI//RELIDO) "
      test=".='(CUI//LEI//RELIDO) '"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-U-RELIDO-cuiBasic-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Controlled By: John Doe|Decontrol On: February 2, 2020"
      test=".='Controlled By: John Doe|Decontrol On: February 2, 2020'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="CUI-Commingled-U-FOUO-cuiBasic">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USGov USA-CUI"
      ism:DESVersion="202111.202211"
      ism:ownerProducer="USA"
      ism:classification="U"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2008-10-01"
      ism:cuiControlledBy="John Doe"
      ism:cuiDecontrolDate="2020-02-02"
      ism:disseminationControls="FOUO"
      ism:cuiBasic="LEI"/>
  </x:context>
  <x:scenario label="CUI-Commingled-U-FOUO-cuiBasic-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be UNCLASSIFIED//CUI//LEI//FOUO"
      test=".='UNCLASSIFIED//CUI//LEI//FOUO'"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-U-FOUO-cuiBasic-ism:portionmark">

```

```

    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (U//CUI//LEI//FOUO) "
              test=".='(U//CUI//LEI//FOUO) '"/>
  </x:scenario>
  <x:scenario label="CUI-Commingled-U-FOUO-cuiBasic-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Controlled By: John Doe|Decontrol On: February 2, 2020"
              test=".='Controlled By: John Doe|Decontrol On: February 2, 2020'"/>
  </x:scenario>
</x:scenario>
</x:description>
```

## 2.7 - CUI-Only.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
    stylesheet="../../ISMAAllTogetherForXSPEC.xsl">

    <x:scenario label="CUI-ONLY-LEI-cuiBasic">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                ism:compliesWith="USA-CUI-ONLY"
                ism:cuiControlledBy="John Smith"
                ism:DESVersion="202111.202211"
                ism:ISMCATCESVersion="202211"
                ism:resourceElement="true"
                ism:createDate="2009-06-01"
                ism:cuiBasic="LEI"/>
        </x:context>
        <x:scenario label="CUI-ONLY-LEI-cuiBasic-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be CUI//LEI" test=".='CUI//LEI'"/>
        </x:scenario>
        <x:scenario label="CUI-ONLY-LEI-cuiBasic-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (CUI//LEI) " test=".='(CUI//LEI) '"/>
        </x:scenario>
    </x:scenario>

    <x:scenario label="CUI-ONLY-CMPRS JURY-cuiBasic">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                ism:compliesWith="USA-CUI-ONLY"
                ism:cuiControlledBy="John Smith"
                ism:DESVersion="202111.202211"
                ism:ISMCATCESVersion="202211"
                ism:resourceElement="true"
                ism:createDate="2009-06-01"
                ism:cuiBasic="CMPRS JURY"/>
        </x:context>
        <x:scenario label="CUI-ONLY-CMPRS JURY-cuiBasic-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be CUI//CMPRS/JURY" test=".='CUI//CMPRS/JURY'"/>
        </x:scenario>
        <x:scenario label="CUI-ONLY-CMPRS JURY-cuiBasic-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (CUI//CMPRS/JURY) "
                test=".='(CUI//CMPRS/JURY) '"/>
        </x:scenario>
    </x:scenario>

    <x:scenario label="CUI-ONLY-CONTRACT SUB-cuiSpecified">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                ism:compliesWith="USA-CUI-ONLY"
                ism:cuiControlledBy="John Smith"
```

```

        ism:cuiDecontrolDate="2044-12-31"
        ism:DESVersion="202111.202211"
        ism:ISMCAICESVersion="202211"
        ism:resourceElement="true"
        ism:createDate="2009-06-01"
        ism:cuiSpecified="CONTRACT SUB"/>
    </x:context>
    <x:scenario label="CUI-ONLY-CONTRACT SUB-cuiSpecified-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be CUI//SP-CONTRACT/SP-SUB"
            test=".='CUI//SP-CONTRACT/SP-SUB'"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-CONTRACT SUB-cuiSpecified-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//SP-CONTRACT/SP-SUB) "
            test=".='(CUI//SP-CONTRACT/SP-SUB) '"/>
    </x:scenario>
</x:scenario>

<x:scenario label="CUI-ONLY-DL_ONLY">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:compliesWith="USA-CUI-ONLY"
            ism:cuiControlledBy="John Smith"
            ism:disseminationControls="DL_ONLY NF"
            ism:DESVersion="202111.202211"
            ism:ISMCAICESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiBasic="CMPRS JURY"/>
    </x:context>
    <x:scenario label="CUI-ONLY-DL_ONLY-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/NOFORN"
            test=".='CUI//CMPRS/JURY//DL_ONLY/NOFORN'"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-DL_ONLY-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/NF) "
            test=".='(CUI//CMPRS/JURY//DL_ONLY/NF) '"/>
    </x:scenario>
</x:scenario>

<x:scenario label="CUI-ONLY-DL_ONLY-FEDCON-NF">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:compliesWith="USA-CUI-ONLY"
            ism:cuiControlledBy="John Smith"
            ism:disseminationControls="DL_ONLY FEDCON NF"
            ism:DESVersion="202111.202211"
            ism:ISMCAICESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiBasic="CMPRS JURY"/>

```

```
</x:context>
<x:scenario label="CUI-ONLY-DL_ONLY-FEDCON-NF-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/FEDCON/NOFORN"
    test=".='CUI//CMPRS/JURY//DL_ONLY/FEDCON/NOFORN'"/>
</x:scenario>
<x:scenario label="CUI-ONLY-DL_ONLY-FEDCON-NF-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/FEDCON/NF) "
    test=".='(CUI//CMPRS/JURY//DL_ONLY/FEDCON/NF) '"/>
</x:scenario>
</x:scenario>

<x:scenario label="CUI-ONLY-DL_ONLY-decontrolDate">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USA-CUI-ONLY"
      ism:cuiControlledBy="John Smith"
      ism:cuiDecontrolDate="2034-12-31"
      ism:disseminationControls="DL_ONLY NF"
      ism:DESVersion="202111.202211"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
      ism:cuiBasic="CMPRS JURY"/>
  </x:context>
  <x:scenario label="CUI-ONLY-DL_ONLY-decontrolDate-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/NOFORN"
      test=".='CUI//CMPRS/JURY//DL_ONLY/NOFORN'"/>
  </x:scenario>
  <x:scenario label="CUI-ONLY-DL_ONLY-decontrolDate-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/NF) "
      test=".='(CUI//CMPRS/JURY//DL_ONLY/NF) '"/>
  </x:scenario>
  <x:scenario label="CUI-ONLY-DL_ONLY-decontrolDate-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Controlled By: John Smith|Decontrol On: December 31, 2034"
      test=".='Controlled By: John Smith|Decontrol On: December 31, 2034'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="CUI-ONLY-DL_ONLY-decontrolEvent">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:compliesWith="USA-CUI-ONLY"
      ism:cuiControlledBy="John Smith"
      ism:cuiDecontrolEvent="The end of this conflict"
      ism:disseminationControls="DL_ONLY NF"
      ism:DESVersion="202111.202211"
      ism:ISMATCESVersion="202211"
      ism:resourceElement="true"
      ism:createDate="2009-06-01"
```



```
            ism:cuiBasic="CMPRS JURY"/>
    </x:context>
    <x:scenario label="CUI-ONLY-DL_ONLY-decontrolEvent-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/NOFORN"
            test=".='CUI//CMPRS/JURY//DL_ONLY/NOFORN'"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-DL_ONLY-decontrolEvent-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/NF) "
            test=".='(CUI//CMPRS/JURY//DL_ONLY/NF) '"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-DL_ONLY-decontrolEvent-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Controlled By: John Smith|Decontrol On: The end of this conflict"
            test=".='Controlled By: John Smith|Decontrol On: The end of this conflict'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="CUI-ONLY-DL_ONLY-decontrolDateEvent">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:compliesWith="USA-CUI-ONLY"
            ism:cuiControlledBy="John Smith"
            ism:cuiDecontrolDate="2034-12-31"
            ism:cuiDecontrolEvent="The end of this conflict"
            ism:disseminationControls="DL_ONLY NF"
            ism:DESVersion="202111.202211"
            ism:ISMCAICESVersion="202211"
            ism:resourceElement="true"
            ism:createDate="2009-06-01"
            ism:cuiBasic="CMPRS JURY"/>
    </x:context>
    <x:scenario label="CUI-ONLY-DL_ONLY-decontrolDateEvent-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be CUI//CMPRS/JURY//DL_ONLY/NOFORN"
            test=".='CUI//CMPRS/JURY//DL_ONLY/NOFORN'"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-DL_ONLY-decontrolDateEvent-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (CUI//CMPRS/JURY//DL_ONLY/NF) "
            test=".='(CUI//CMPRS/JURY//DL_ONLY/NF) '"/>
    </x:scenario>
    <x:scenario label="CUI-ONLY-DL_ONLY-decontrolDateEvent-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Controlled By: John Smith|Decontrol On: December 31, 2034 or The end of this conflict"
            test=".='Controlled By: John Smith|Decontrol On: December 31, 2034 or The end of this conflict'"/>
    </x:scenario>
</x:scenario>

</x:description>
```



2.8 - DisplayOnlyOrder.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
    stylesheet="../../ISMAAllTogetherForXSPEC.xsl">

    <x:scenario label="DisplayOrder-NATO/NAC-ISAF-complex-Checkorder">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                ism:classification="R"
                ism:ownerProducer="NATO:ISAF"
                ism:disseminationControls="REL DISPLAYONLY"
                ism:releasableTo="GBR NATO:PfP"
                ism:displayOnlyTo="NATO:Operation_Unified_Protector AFG"/>
        </x:context>
        <x:scenario label="NATO/NAC-ISAF-complex-Checkorder-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (//NIR//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector) "
                test=".='(//NIR//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector) '"/>
        </x:scenario>
        <x:scenario label="NATO/NAC-ISAF-complex-Checkorder-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be //NATO ISAF RESTRICTED//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector"
                test=".='//NATO ISAF RESTRICTED//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector'"/>
        </x:scenario>
    </x:scenario>

    <x:scenario label="DisplayOrder-NATO/NAC-ISAF-complex2-Checkorder">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                ism:classification="R"
                ism:ownerProducer="NATO:ISAF"
                ism:disseminationControls="REL DISPLAYONLY"
                ism:releasableTo="GBR NATO:PfP"
                ism:displayOnlyTo="NATO:Operation_Unified_Protector NATO:ABC AFG"/>
        </x:context>
        <x:scenario label="NATO/NAC-ISAF-complex2-Checkorder-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (//NIR//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO ABC, NATO Operation Unified Protector) "
                test=".='(//NIR//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO ABC, NATO Operation Unified Protector) '"/>
        </x:scenario>
        <x:scenario label="NATO/NAC-ISAF-complex-Checkorder2-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be //NATO ISAF RESTRICTED//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO ABC, NATO Operation Unified Protector"
                test=".='//NATO ISAF RESTRICTED//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO ABC, NATO Operation Unified Protector'"/>
        </x:scenario>
    </x:scenario>

    <x:scenario label="DisplayOrder-DISPLAY-ONLY-AFG-IRQ-REL-NATO-AUS-Checkorder">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                ism:classification="S"
                ism:ownerProducer="USA"
```

```

        ism:disseminationControls="REL DISPLAYONLY"
        ism:releasableTo="USA NATO AUS"
        ism:displayOnlyTo="IRQ AFG " />
    </x:context>
    <x:scenario label="DisplayOrder-DISPLAY-ONLY-AFG-IRQ-REL-NATO-AUS-Checkorder-ism:portionmark">
        <x:context mode="ism:portionmark" />
        <x:expect label="The portion should be (S//REL TO USA, AUS, NATO/DISPLAY ONLY AFG, IRQ) "
            test=".='(S//REL TO USA, AUS, NATO/DISPLAY ONLY AFG, IRQ) '"/>
    </x:scenario>
    <x:scenario label="DisplayOrder-DISPLAY-ONLY-AFG-IRQ-REL-NATO-AUS-Checkorder-ism:banner">
        <x:context mode="ism:banner" />
        <x:expect label="The banner should be SECRET//REL TO USA, AUS, NATO/DISPLAY ONLY AFG, IRQ"
            test=".='SECRET//REL TO USA, AUS, NATO/DISPLAY ONLY AFG, IRQ'"/>
    </x:scenario>
</x:scenario>

</x:description>
```

2.9 - DissemOrder.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
               stylesheet="../../ISMAAllTogetherForXSPEC.xsl">

  <x:scenario label="OC-OC-USGOV-Checkorder">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                        ism:classification="TS"
                        ism:ownerProducer="USA"
                        ism:SCIcontrols="SI"
                        ism:FGISourceOpen="AUS"
                        ism:disseminationControls="OC-USGOV OC"/>
    </x:context>
    <x:scenario label="OC-OC-USGOV-Checkorder-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (TS//SI//FGI AUS//OC-USGOV) "
                test=".='(TS//SI//FGI AUS//OC-USGOV) '"/>
    </x:scenario>
    <x:scenario label="OC-OC-USGOV-Checkorder-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be TOP SECRET//SI//FGI AUS//ORCON-USGOV"
                test=".='TOP SECRET//SI//FGI AUS//ORCON-USGOV'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="DSEN-NF-Checkorder">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                        ism:classification="TS"
                        ism:ownerProducer="USA"
                        ism:disseminationControls="DSEN NF"/>
    </x:context>
    <x:scenario label="DSEN-NF-Checkorder-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (TS//NF/DSEN) " test=".='(TS//NF/DSEN) '"/>
    </x:scenario>
    <x:scenario label="DSEN-NF-Checkorder-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be TOP SECRET//NOFORN/DEA SENSITIVE"
                test=".='TOP SECRET//NOFORN/DEA SENSITIVE'"/>
    </x:scenario>
  </x:scenario>
</x:description>
```

## 2.10 - DOD-SAP-Style.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
  stylesheet="./ISMDODStyleForXSPEC.xsl">

  <x:scenario label="SAR-DOD-THREE-SARs">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="S"
        ism:ownerProducer="USA"
        ism:SARIdentifier="SAR-DOD:C:JUNIOR_PROM SAR-DOD:S:SOPHOMORE_DANCE SAR-DOD:S:DEMOSAP3"/>
    </x:context>
    <x:scenario label="SAR-DOD-THREE-SARs-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//SAR-DEMOSAP3/SAR-JUNIOR_PROM/SAR-SOPHOMORE_DANCE) "
        test=".='(S//SAR-DEMOSAP3/SAR-JUNIOR_PROM/SAR-SOPHOMORE_DANCE) '"/>
    </x:scenario>
    <x:scenario label="SAR-DOD-THREE-SARs-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be SECRET//SAR-MULTIPLE PROGRAMS"
        test=".='SECRET//SAR-MULTIPLE PROGRAMS'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="SAR-DOD-FOUR-SARs">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="S"
        ism:ownerProducer="USA"
        ism:SARIdentifier="SAR-DOD:C:JUNIOR_PROM SAR-DOD:S:SOPHOMORE_DANCE-A1 SAR-DOD:S:DEMOSAP3"/>
    </x:context>
    <x:scenario label="SAR-DOD-FOUR-SARs-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//SAR-DEMOSAP3/SAR-JUNIOR_PROM/SAR-SOPHOMORE_DANCE-A1) "
        test=".='(S//SAR-DEMOSAP3/SAR-JUNIOR_PROM/SAR-SOPHOMORE_DANCE-A1) '"/>
    </x:scenario>
    <x:scenario label="SAR-DOD-FOUR-SARs-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be SECRET//SAR-MULTIPLE PROGRAMS"
        test=".='SECRET//SAR-MULTIPLE PROGRAMS'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="SAR-DOD-ONE-SAR-with-dash">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="S"
        ism:ownerProducer="USA"
        ism:SARIdentifier="SAR-DOD:S:SOPHOMORE_DANCE-A1"/>
    </x:context>
    <x:scenario label="SAR-DOD-ONE-SAR-with-dash-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//SAR-SOPHOMORE_DANCE-A1) "
```

```
        test=".='(S//SAR-SOPHOMORE DANCE-A1) '"/>
</x:scenario>
<x:scenario label="SAR-DOD-ONE-SAR-with-dash-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be SECRET//SAR-SOPHOMORE DANCE-A1"
    test=".='SECRET//SAR-SOPHOMORE DANCE-A1'"/>
</x:scenario>
</x:scenario>

<x:scenario label="SAR-DOD-TWO-SARs">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:SARIdentifier="SAR-DOD:S:BUTTER__POPCORN SAR-DOD:S:DEMOSAP3"
      ism:disseminationControls="NF"/>
  </x:context>
  <x:scenario label="SAR-DOD-TWO-SARs-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//SAR-BUTTER_POPCORN/SAR-DEMOSAP3//NF) "
      test=".='(S//SAR-BUTTER_POPCORN/SAR-DEMOSAP3//NF) '"/>
  </x:scenario>
  <x:scenario label="SAR-DOD-TWO-SARs-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//SAR-BUTTER_POPCORN/SAR-DEMOSAP3//NOFORN"
      test=".='SECRET//SAR-BUTTER_POPCORN/SAR-DEMOSAP3//NOFORN'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="SAR-DOD-TWO-SARs-with-WAIVED">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:SARIdentifier="SAR-DOD:S:BUTTER__POPCORN SAR-DOD:S:DEMOSAP3"
      ism:disseminationControls="NF WAIVED"/>
  </x:context>
  <x:scenario label="SAR-DOD-TWO-SARs-with-WAIVED-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//SAR-BUTTER_POPCORN/SAR-DEMOSAP3//NF/WAIVED) "
      test=".='(S//SAR-BUTTER_POPCORN/SAR-DEMOSAP3//NF/WAIVED) '"/>
  </x:scenario>
  <x:scenario label="SAR-DOD-TWO-SARs-with-WAIVED-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//SAR-BUTTER_POPCORN/SAR-DEMOSAP3//NOFORN/WAIVED"
      test=".='SECRET//SAR-BUTTER_POPCORN/SAR-DEMOSAP3//NOFORN/WAIVED'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="SAR-DOD-SARwithDash">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
```

```

        ism:SARIdentifier="SAR-DOD:DEMO-SAP99"/>
    </x:context>
    <x:scenario label="SAR-DOD-SARwithDash-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//SAR-DEMO-SAP99) "
            test=".='(S//SAR-DEMO-SAP99) '"/>
    </x:scenario>
    <x:scenario label="SAR-DOD-SARwithDash-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//SAR-DEMO-SAP99"
            test=".='SECRET//SAR-DEMO-SAP99'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="SAR-DOD-SARwithTwoDashes">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:SARIdentifier="SAR-DOD:DEMO-SAP99-ABCD"/>
    </x:context>
    <x:scenario label="SAR-DOD-SARwithTwoDashes-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//SAR-DEMO-SAP99-ABCD) "
            test=".='(S//SAR-DEMO-SAP99-ABCD) '"/>
    </x:scenario>
    <x:scenario label="SAR-DOD-SARwithTwoDashes-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//SAR-DEMO-SAP99-ABCD"
            test=".='SECRET//SAR-DEMO-SAP99-ABCD'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="SAR-DOD-SARwithunderscore1">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:SARIdentifier="SAR-DOD:DEMO_SAP200 SAR-DOD:DEMOO_SAP300"/>
    </x:context>
    <x:scenario label="SAR-DOD-SARwithunderscore1-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//SAR-DEMO SAP200/SAR-DEMOO SAP300) "
            test=".='(S//SAR-DEMOO SAP300/SAR-DEMO SAP200) '"/>
    </x:scenario>
    <x:scenario label="SAR-DOD-SARwithunderscore1-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//SAR-DEMO SAP200/SAR-DEMOO SAP300"
            test=".='SECRET//SAR-DEMOO SAP300/SAR-DEMO SAP200'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="SAR-DOD-SARwithunderscore2">
    <x:context>

```

```

        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:SARIdentifier="SAR-DOD:TS:DEMO__SAP100"/>
    </x:context>
    <x:scenario label="SAR-DOD-SARwithunderscore2-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//SAR-DEMO_SAP100) "
            test=".='(S//SAR-DEMO_SAP100) '"/>
    </x:scenario>
    <x:scenario label="SAR-DOD-SARwithunderscore2-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//SAR-DEMO_SAP100"
            test=".='SECRET//SAR-DEMO_SAP100'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="SAR-DOD-SARwithunderscore3">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:SARIdentifier="SAR-DOD:DEMO_SAP200 SAR-DOD:DEMO__SAP100"/>
    </x:context>
    <x:scenario label="SAR-DOD-SARwithunderscore3-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//SAR-DEMO SAP200/SAR-DEMO_SAP100) "
            test=".='(S//SAR-DEMO SAP200/SAR-DEMO_SAP100) '"/>
    </x:scenario>
    <x:scenario label="SAR-DOD-SARwithunderscore3-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//SAR-DEMO SAP200/DEMO_SAP100"
            test=".='SECRET//SAR-DEMO SAP200/SAR-DEMO_SAP100'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="SAR-DOD-DUPES">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:SARIdentifier="SAR-DOD:C:DEMOSAP3 SAR-DOD:S:DEMOSAP3"/>
    </x:context>
    <x:scenario label="SAR-DOD-THREE-SARs-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//SAR-DEMOSAP3) "
            test=".='(S//SAR-DEMOSAP3) '"/>
    </x:scenario>
    <x:scenario label="SAR-DOD-THREE-SARs-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//SAR-DEMOSAP3"
            test=".='SECRET//SAR-DEMOSAP3'"/>
    </x:scenario>
</x:scenario>

```



```
<x:scenario label="SAR-ABC-DEF">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:SARIdentifier="DOD:S:ABC DOD:S:DEF"/>
  </x:context>
  <x:scenario label="SAR-SAR-ABC-DEF-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//SAR-ABC/SAR-DEF) "
      test=".='(S//SAR-ABC/SAR-DEF) '"/>
  </x:scenario>
  <x:scenario label="SAR-ABC-DEF-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//SAR-ABC/SAR-DEF"
      test=".='SECRET//SAR-ABC/SAR-DEF'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="SAR-ABC">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:SARIdentifier="SAR-DOD:C:ABC"/>
  </x:context>
  <x:scenario label="SAR-ABC-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//SAR-ABC) " test=".='(S//SAR-ABC) '"/>
  </x:scenario>
  <x:scenario label="SAR-ABC-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//SAR-ABC" test=".='SECRET//SAR-ABC'"/>
  </x:scenario>
</x:scenario>

</x:description>
```



## 2.11 - FGIOrder.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
  stylesheet="../../ISMAAllTogetherForXSPEC.xsl">

  <x:scenario label="FGI-Open-OrderTest-USA-NAC">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="S"
        ism:ownerProducer="USA"
        ism:disseminationControls="REL DISPLAYONLY"
        ism:releasableTo="GBR NATO:PfP"
        ism:displayOnlyTo="AFG NATO:Operation_Unified_Protector"
        ism:FGISourceOpen="NATO:ISAF AGO"/>
    </x:context>
    <x:scenario label="FGI-Open-OrderTest-USA-NAC-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//FGI AGO NATO ISAF//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector) "
        test=".='(S//FGI AGO NATO ISAF//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector) '"/>
    </x:scenario>
    <x:scenario label="FGI-Open-OrderTest-USA-NAC-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be SECRET//FGI AGO NATO ISAF//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector"
        test=".='SECRET//FGI AGO NATO ISAF//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="FGI-Protected-OrderTest-USA-NAC">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="S"
        ism:ownerProducer="USA"
        ism:disseminationControls="REL DISPLAYONLY"
        ism:releasableTo="GBR NATO:PfP"
        ism:displayOnlyTo="AFG NATO:Operation_Unified_Protector"
        ism:FGISourceProtected="NATO:ISAF AGO"/>
    </x:context>
    <x:scenario label="FGI-Protected-OrderTest-USA-NAC-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//FGI//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector) "
        test=".='(S//FGI//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector) '"/>
    </x:scenario>
    <x:scenario label="FGI-Protected-OrderTest-USA-NAC-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be SECRET//FGI//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector"
        test=".='SECRET//FGI//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector'"/>
    </x:scenario>
  </x:scenario>

</x:description>
```

2.12 - IC-SAP-Style.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
               stylesheet="./ISMA11TogetherForXSPEC.xsl">

  <x:scenario label="SAR-DNI-SARwithTwoDashes">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                       ism:classification="S"
                       ism:ownerProducer="USA"
                       ism:SARIdentifier="SAR-DNI:DEMO SAR-DNI:DEMO-SAP99 SAR-DNI:DEMO-SAP99-ABCD"/>
    </x:context>
    <x:scenario label="SAR-DNI-SARwithTwoDashes-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//SAR-DEMO-SAP99 ABCD) "
               test=".='(S//SAR-DEMO-SAP99 ABCD) '"/>
    </x:scenario>
    <x:scenario label="SAR-DNI-SARwithTwoDashes-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be SECRET//SAR-DEMO-SAP99 ABCD"
               test=".='SECRET//SAR-DEMO-SAP99 ABCD'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="SAR-DNI-THREE-SARs">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                       ism:classification="S"
                       ism:ownerProducer="USA"
                       ism:SARIdentifier="SAR-DNI:JUNIOR_PROM SAR-DNI:SOPHOMORE_DANCE SAR-DNI:DEMOSAP11"/>
    </x:context>
    <x:scenario label="SAR-DNI-THREE-SARs-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//SAR-DEMOSAP11/JUNIOR_PROM/SOPHOMORE_DANCE) "
               test=".='(S//SAR-DEMOSAP11/JUNIOR_PROM/SOPHOMORE_DANCE) '"/>
    </x:scenario>
    <x:scenario label="SAR-DNI-THREE-SARs-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be SECRET//SAR-DEMOSAP11/JUNIOR_PROM/SOPHOMORE_DANCE"
               test=".='SECRET//SAR-DEMOSAP11/JUNIOR_PROM/SOPHOMORE_DANCE'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="SAR-DNI-FOUR-SARs">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                       ism:classification="S"
                       ism:ownerProducer="USA"
                       ism:SARIdentifier="SAR-DNI:JUNIOR_PROM SAR-DNI:SOPHOMORE_DANCE SAR-DNI:SOPHOMORE_DANCE-A1 SAR-DNI:DEMOSAP11"/>
    </x:context>
    <x:scenario label="SAR-DNI-FOUR-SARs-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//SAR-DEMOSAP11/JUNIOR_PROM/SOPHOMORE_DANCE-A1) "
```

```

        test=".='(S//SAR-DEMOSAP11/JUNIOR PROM/SOPHOMORE DANCE-A1) '"/>
    </x:scenario>
    <x:scenario label="SAR-DNI-FOUR-SARs-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//SAR-DEMOSAP11/JUNIOR PROM/SOPHOMORE DANCE-A1"
            test=".='SECRET//SAR-DEMOSAP11/JUNIOR PROM/SOPHOMORE DANCE-A1'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="SAR-DNI-TWO-SARs">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:SARIdentifier="SAR-DNI:DEMOSAP22 SAR-DNI:DEMOSAP11"/>

    </x:context>
    <x:scenario label="SAR-DNI-TWO-SARs-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//SAR-DEMOSAP11/DEMOSAP22) "
            test=".='(S//SAR-DEMOSAP11/DEMOSAP22) '"/>
    </x:scenario>
    <x:scenario label="SAR-DNI-TWO-SARs-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//SAR-DEMOSAP11/DEMOSAP22"
            test=".='SECRET//SAR-DEMOSAP11/DEMOSAP22'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="SAR-DNI-SARwithDash">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:SARIdentifier="SAR-DNI:DEMO SAR-DNI:DEMO-SAP99"/>

    </x:context>
    <x:scenario label="SAR-DNI-SARwithDash-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//SAR-DEMO-SAP99) "
            test=".='(S//SAR-DEMO-SAP99) '"/>
    </x:scenario>
    <x:scenario label="SAR-DNI-SARwithDash-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//SAR-DEMO-SAP99"
            test=".='SECRET//SAR-DEMO-SAP99'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="SAR-DNI-SARwithunderscore1">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:SARIdentifier="SAR-DNI:DEMO_SAP200"/>

    </x:context>

```

```

    <x:scenario label="SAR-DNI-SARwithunderscore1-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//SAR-DEMO SAP200) "
        test=".='(S//SAR-DEMO SAP200) '"/>
    </x:scenario>
    <x:scenario label="SAR-DNI-SARwithunderscore1-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be SECRET//SAR-DEMO SAP200"
        test=".='SECRET//SAR-DEMO SAP200'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="SAR-DNI-SARwithunderscore2">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="S"
        ism:ownerProducer="USA"
        ism:SARIdentifier="SAR-DNI:DEMO__SAP100"/>
    </x:context>
    <x:scenario label="SAR-DNI-SARwithunderscore2-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//SAR-DEMO_SAP100) "
        test=".='(S//SAR-DEMO_SAP100) '"/>
    </x:scenario>
    <x:scenario label="SAR-DNI-SARwithunderscore2-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be SECRET//SAR-DEMO_SAP100"
        test=".='SECRET//SAR-DEMO_SAP100'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="SAR-DNI-SARwithunderscore3">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="S"
        ism:ownerProducer="USA"
        ism:SARIdentifier="SAR-DNI:DEMO_SAP200 SAR-DNI:DEMO__SAP100"/>
    </x:context>
    <x:scenario label="SAR-DNI-SARwithunderscore3-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//SAR-DNI:DEMO SAP200/DNI:DEMO_SAP100) "
        test=".='(S//SAR-DEMO SAP200/DEMO_SAP100) '"/>
    </x:scenario>
    <x:scenario label="SAR-DNI-SARwithunderscore3-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be SECRET//SAR-DNI:DEMO SAP200/DNI:DEMO_SAP100"
        test=".='SECRET//SAR-DEMO SAP200/DEMO_SAP100'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="SAR-ABC-DEF">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="S"

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        ism:ownerProducer="USA"
        ism:SARIdentifier="SAR-DNI:S:ABC SAR-DNI:S:DEF"/>
    </x:context>
    <x:scenario label="SAR-ABC-DEF-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//SAR-ABC/DEF) "
            test=".='(S//SAR-ABC/DEF) '"/>
    </x:scenario>
    <x:scenario label="SAR-ABC-DEF-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//SAR-ABC/DEF"
            test=".='SECRET//SAR-ABC/DEF'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="SAR-ProgramID-Compartment1 SubComp1 SubComp2/ProgramID2-P2Comp1 P2SComp1 try2">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:SARIdentifier="SAR-DNI:ProgramID SAR-DNI:ProgramID-Compartment1 SAR-DNI:ProgramID-Compartment1-SubComp1 SAR-DNI:ProgramID-Compartment1-SubComp2
SAR-DNI:ProgramID2 SAR-DNI:ProgramID2-P2Comp1 SAR-DNI:ProgramID2-P2Comp1-P2SComp1"/>
    </x:context>
    <x:scenario label="SAR-ProgramID-Compartment1 SubComp1 SubComp2/ProgramID2-P2Comp1 P2SComp1 try2-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//SAR-ProgramID-Compartment1 SubComp1 SubComp2/ProgramID2-P2Comp1 P2SComp1) "
            test=".='(S//SAR-ProgramID-Compartment1 SubComp1 SubComp2/ProgramID2-P2Comp1 P2SComp1) '"/>
    </x:scenario>
    <x:scenario label="SAR-ProgramID-Compartment1 SubComp1 SubComp2/ProgramID2-P2Comp1 P2SComp1 try2-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//SAR-ProgramID-Compartment1 SubComp1 SubComp2/ProgramID2-P2Comp1 P2SComp1"
            test=".='SECRET//SAR-ProgramID-Compartment1 SubComp1 SubComp2/ProgramID2-P2Comp1 P2SComp1'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="SAR-JP_SD-A1">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:SARIdentifier="SAR-DNI:JUNIOR_PROM SAR-DNI:SOPHOMORE_DANCE SAR-DNI:SOPHOMORE_DANCE-A1"/>
    </x:context>
    <x:scenario label="SAR-JP_SD-A1-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//SAR-JUNIOR_PROM/SOPHOMORE_DANCE-A1) "
            test=".='(S//SAR-JUNIOR_PROM/SOPHOMORE_DANCE-A1) '"/>
    </x:scenario>
    <x:scenario label="SAR-JP_SD-A1-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//SAR-JUNIOR_PROM/SOPHOMORE_DANCE-A1"
            test=".='SECRET//SAR-JUNIOR_PROM/SOPHOMORE_DANCE-A1'"/>
    </x:scenario>
    <x:scenario label="SAR-JP_SD-A1-ism:authority">
        <x:context mode="ism:authority"/>

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    <x:expect label="The authority should be ( WARNING! This document does not contain required markings for either an originally or derivatively classified document. )|
( WARNING! This document does not contain required declassification instructions or markings. )"
    test=".='( WARNING! This document does not contain required markings for either an originally or derivatively classified document. )|( WARNING! This document
does not contain required declassification instructions or markings. )'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="SAR-JP_S__D-A1">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:SARIdentifier="SAR-DNI:JUNIOR_PROM SAR-DNI:SOPHOMORE__DANCE SAR-DNI:SOPHOMORE__DANCE-A1"/>
  </x:context>
  <x:scenario label="SAR-JP__D-A1-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//SAR-JUNIOR PROM/SOPHOMORE_DANCE-A1) "
      test=".='(S//SAR-JUNIOR PROM/SOPHOMORE_DANCE-A1) '"/>
  </x:scenario>
  <x:scenario label="SAR-JP__D-A1-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//SAR-JUNIOR PROM/SOPHOMORE_DANCE-A1"
      test=".='SECRET//SAR-JUNIOR PROM/SOPHOMORE_DANCE-A1'"/>
  </x:scenario>
  <x:scenario label="SAR-JP__SD-A1-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be ( WARNING! This document does not contain required markings for either an originally or derivatively classified document. )|
( WARNING! This document does not contain required declassification instructions or markings. )"
      test=".='( WARNING! This document does not contain required markings for either an originally or derivatively classified document. )|( WARNING! This document
does not contain required declassification instructions or markings. )'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="SAR-HD_P-A1">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:SARIdentifier="SAR-DNI:HOMECOMING_DANCE SAR-DNI:PROM_TUX SAR-DNI:PROM_TUX-JR SAR-DNI:PROM_TUX-JR-A16 SAR-DNI:PROM_TUX-JR-A17 SAR-DNI:PROM_TUX-
SR SAR-DNI:PROM_TUX-SR-A17 SAR-DNI:PROM_TUX-SR-A18"/>
  </x:context>
  <x:scenario label="SAR-HD_P-A1-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//SAR-HOMECOMING DANCE/PROM TUX-JR A16 A17-SR A17 A18) "
      test=".='(S//SAR-HOMECOMING DANCE/PROM TUX-JR A16 A17-SR A17 A18) '"/>
  </x:scenario>
  <x:scenario label="SAR-HD_P-A1-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//SAR-HOMECOMING DANCE/PROM TUX-JR A16 A17-SR A17 A18"
      test=".='SECRET//SAR-HOMECOMING DANCE/PROM TUX-JR A16 A17-SR A17 A18'"/>
  </x:scenario>
  <x:scenario label="SAR-HD_P-A1-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be ( WARNING! This document does not contain required markings for either an originally or derivatively classified document. )|
```



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( WARNING! This document does not contain required declassification instructions or markings. )"
    test=".='( WARNING! This document does not contain required markings for either an originally or derivatively classified document. )|( WARNING! This document
does not contain required declassification instructions or markings. )'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="SI-G-ABCD-TK-SAP-ACCM">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:SCIcontrols="SI SI-G SI-G-ABCD SI-G-ACDE TK"
      ism:SARIdentifier="SAR-DNI:ABC SAR-DNI:DEF"
      ism:nonICmarkings="ACCM-TEA_LEAF ACCM-FICTITIOUS_EFFORT"
      ism:disseminationControls="OC"/>
  </x:context>
  <x:scenario label="SI-G-ABCD-TK-SAP-ACCM-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS//SI-G ABCD ACDE/TK//SAR-ABC/DEF//OC//ACCM-FICTITIOUS EFFORT/TEA LEAF) "
      test=".='(TS//SI-G ABCD ACDE/TK//SAR-ABC/DEF//OC//ACCM-FICTITIOUS EFFORT/TEA LEAF) '"/>
  </x:scenario>
  <x:scenario label="SI-G-ABCD-TK-SAP-ACCM-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be TOP SECRET//SI-G ABCD ACDE/TK//SAR-ABC/DEF//ORCON//ACCM-FICTITIOUS EFFORT/TEA LEAF"
      test=".='TOP SECRET//SI-G ABCD ACDE/TK//SAR-ABC/DEF//ORCON//ACCM-FICTITIOUS EFFORT/TEA LEAF'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="SCI-SAP-AEM-ACCM-DISSEM">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:SCIcontrols="SI SI-G SI-G-ABCD SI-G-ACDE TK"
      ism:SARIdentifier="SAR-DNI:ABC SAR-DNI:DEF"
      ism:atomicEnergyMarkings="RD"
      ism:declassException="AEA"
      ism:nonICmarkings="ACCM-TEA_LEAF ACCM-FICTITIOUS_EFFORT"
      ism:disseminationControls="OC"/>
  </x:context>
  <x:scenario label="SCI-SAP-AEM-ACCM-DISSEM-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS//SI-G ABCD ACDE/TK//SAR-ABC/DEF//RD//OC//ACCM-FICTITIOUS EFFORT/TEA LEAF) "
      test=".='(TS//SI-G ABCD ACDE/TK//SAR-ABC/DEF//RD//OC//ACCM-FICTITIOUS EFFORT/TEA LEAF) '"/>
  </x:scenario>
  <x:scenario label="SCI-SAP-AEM-ACCM-DISSEM-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be TOP SECRET//SI-G ABCD ACDE/TK//SAR-ABC/DEF//RD//ORCON//ACCM-FICTITIOUS EFFORT/TEA LEAF"
      test=".='TOP SECRET//SI-G ABCD ACDE/TK//SAR-ABC/DEF//RD//ORCON//ACCM-FICTITIOUS EFFORT/TEA LEAF'"/>
  </x:scenario>
</x:scenario>

</x:description>
```

2.13 - ISM.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
               stylesheet="./ISMAAllTogetherForXSPEC.xsl">
  <!-- All tests other than tests for DoD CUI rendering. -->

  <x:import href="./AllCheckOrder.xspec"/>
  <x:import href="./Misc-MarkingsTests.xspec"/>
  <x:import href="./SecondBanner.xspec"/>
  <x:import href="./AllNonDODCUI.xspec"/>

  <x:scenario label="NatoCTS">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                       ism:classification="TS"
                       ism:ownerProducer="NATO"/>
    </x:context>
    <x:scenario label="NatoCTS-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (//CTS) " test=".='(//CTS) '"/>
    </x:scenario>
    <x:scenario label="NatoCTS-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be //COSMIC TOP SECRET"
                test=".='//COSMIC TOP SECRET'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="NatoCTSA">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                       ism:classification="TS"
                       ism:ownerProducer="NATO"
                       ism:nonUSControls="ATOMAL"/>
    </x:context>
    <x:scenario label="NatoCTSA-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (//CTS//ATOMAL) "
                test=".='(//CTS//ATOMAL) '"/>
    </x:scenario>
    <x:scenario label="NatoCTSA-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be //COSMIC TOP SECRET//ATOMAL"
                test=".='//COSMIC TOP SECRET//ATOMAL'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="NatoCTSAOC">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                       ism:classification="TS"
                       ism:ownerProducer="NATO"
                       ism:disseminationControls="OC"/>
    </x:context>
  </x:scenario>
</x:description>
```



```

            ism:nonUSControls="ATOMAL"/>
        </x:context>
        <x:scenario label="NatoCTSAOC-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (//CTS//ATOMAL//OC) "
                test=".='(//CTS//ATOMAL//OC) '"/>
        </x:scenario>
        <x:scenario label="NatoCTSAOC-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be //COSMIC TOP SECRET//ATOMAL//ORCON"
                test=".='//COSMIC TOP SECRET//ATOMAL//ORCON'"/>
        </x:scenario>
    </x:scenario>

    <x:scenario label="NatoCTSAB">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                ism:classification="TS"
                ism:ownerProducer="NATO"
                ism:nonUSControls="ATOMAL BOHEMIA"/>
        </x:context>
        <x:scenario label="NatoCTSAB-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (//CTS//ATOMAL/BOHEMIA) "
                test=".='(//CTS//ATOMAL/BOHEMIA) '"/>
        </x:scenario>
        <x:scenario label="NatoCTSAB-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be //COSMIC TOP SECRET//ATOMAL/BOHEMIA"
                test=".='//COSMIC TOP SECRET//ATOMAL/BOHEMIA'"/>
        </x:scenario>
    </x:scenario>

    <x:scenario label="NatoCTSB">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                ism:classification="TS"
                ism:ownerProducer="NATO"
                ism:nonUSControls="BOHEMIA"/>
        </x:context>
        <x:scenario label="NatoCTSB-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (//CTS//BOHEMIA) "
                test=".='(//CTS//BOHEMIA) '"/>
        </x:scenario>
        <x:scenario label="NatoCTSB-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be //COSMIC TOP SECRET//BOHEMIA"
                test=".='//COSMIC TOP SECRET//BOHEMIA'"/>
        </x:scenario>
    </x:scenario>

    <x:scenario label="NatoCTSBALK">
        <x:context>

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```

        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="TS"
            ism:ownerProducer="NATO"
            ism:nonUSControls="BALK"/>
    </x:context>
    <x:scenario label="NatoCTSBALK-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (//CTS//BALK) " test=".='(//CTS//BALK) '"/>
    </x:scenario>
    <x:scenario label="NatoCTSBALK-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be //COSMIC TOP SECRET//BALK"
            test=".='//COSMIC TOP SECRET//BALK'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="NatoS">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="NATO"/>
    </x:context>
    <x:scenario label="NatoS-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (//NS) " test=".='(//NS) '"/>
    </x:scenario>
    <x:scenario label="NatoS-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be //NATO SECRET" test=".='//NATO SECRET'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="NatoS-NAC">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="NATO:Partnership_For_Peace"/>
    </x:context>
    <x:scenario label="NatoS-NAC-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (//NPfPS) " test=".='(//NPfPS) '"/>
    </x:scenario>
    <x:scenario label="NatoS-NAC-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be //NATO Partnership For Peace SECRET"
            test=".='//NATO Partnership For Peace SECRET'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="NatoSAT">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="NATO"

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                ism:nonUSControls="ATOMAL"/>
</x:context>
<x:scenario label="NatoSAT-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (//NS//ATOMAL) "
    test=".='(//NS//ATOMAL) '"/>
</x:scenario>
<x:scenario label="NatoSAT-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be //NATO SECRET//ATOMAL"
    test=".='//NATO SECRET//ATOMAL'"/>
</x:scenario>
</x:scenario>

<x:scenario label="NatoC">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="C"
      ism:ownerProducer="NATO"/>
  </x:context>
  <x:scenario label="NatoC-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (//NC) " test=".='(//NC) '"/>
  </x:scenario>
  <x:scenario label="NatoC-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be //NATO CONFIDENTIAL"
      test=".='//NATO CONFIDENTIAL'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="NatoCA">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="C"
      ism:ownerProducer="NATO"
      ism:nonUSControls="ATOMAL"/>
  </x:context>
  <x:scenario label="NatoCA-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (//NC//ATOMAL) "
      test=".='(//NC//ATOMAL) '"/>
  </x:scenario>
  <x:scenario label="NatoCA-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be //NATO CONFIDENTIAL//ATOMAL"
      test=".='//NATO CONFIDENTIAL//ATOMAL'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="NatoR">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="R"

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        ism:ownerProducer="NATO"/>
    </x:context>
    <x:scenario label="NatoR-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (//NR) " test=".'(//NR) '"/>
    </x:scenario>
    <x:scenario label="NatoR-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be //NATO RESTRICTED"
            test=".'//NATO RESTRICTED'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="NatoU">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="U"
            ism:ownerProducer="NATO"/>
    </x:context>
    <x:scenario label="NatoU-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (//NU) " test=".'(//NU) '"/>
    </x:scenario>
    <x:scenario label="NatoU-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be //NATO UNCLASSIFIED"
            test=".'//NATO UNCLASSIFIED'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="HCS">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="TS"
            ism:ownerProducer="USA"
            ism:SCIcontrols="HCS"
            ism:derivativelyClassifiedBy="John Smith"
            ism:derivedFrom="My Guide"
            ism:declassDate="2045-12-31"
            ism:disseminationControls="NF"/>
    </x:context>
    <x:scenario label="HCS-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (TS//HCS//NF) " test=".'(TS//HCS//NF) '"/>
    </x:scenario>
    <x:scenario label="HCS-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be TOP SECRET//HCS//NOFORN"
            test=".'TOP SECRET//HCS//NOFORN'"/>
    </x:scenario>
    <x:scenario label="HCS-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2045"
            test=".'Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2045'"/>
    </x:scenario>

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    </x:scenario>
</x:scenario>

<x:scenario label="SITK">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:SCIcontrols="SI TK"/>

  </x:context>
  <x:scenario label="SITK-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS//SI/TK) " test=".='(TS//SI/TK) '"/>
  </x:scenario>
  <x:scenario label="SITK-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be TOP SECRET//SI/TK"
      test=".='TOP SECRET//SI/TK'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="SITKCheckorder" shared="yes">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:SCIcontrols="TK SI"/>

  </x:context>
  <x:scenario label="SITKCheckorder-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS//SI/TK) " test=".='(TS//SI/TK) '"/>
  </x:scenario>
  <x:scenario label="SITKCheckorder-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be TOP SECRET//SI/TK"
      test=".='TOP SECRET//SI/TK'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="TS">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"/>

  </x:context>
  <x:scenario label="TS-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS) " test=".='(TS) '"/>
  </x:scenario>
  <x:scenario label="TS-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be TOP SECRET" test=".='TOP SECRET'"/>
  </x:scenario>
</x:scenario>

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<x:scenario label="S">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"/>
  </x:context>
  <x:scenario label="S-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S) " test=".='(S) '"/>
  </x:scenario>
  <x:scenario label="S-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET" test=".='SECRET'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="C">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="C"
      ism:ownerProducer="USA"/>
  </x:context>
  <x:scenario label="C-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (C) " test=".='(C) '"/>
  </x:scenario>
  <x:scenario label="C-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be CONFIDENTIAL" test=".='CONFIDENTIAL'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="SI-G">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:SIcontrols="SI SI-G SI-G-ACDE TK"
      ism:disseminationControls="OC"/>
  </x:context>
  <x:scenario label="SI-G-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS//SI-G ACDE/TK//OC) "
      test=".='(TS//SI-G ACDE/TK//OC) '"/>
  </x:scenario>
  <x:scenario label="SI-G-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be TOP SECRET//SI-G ACDE/TK//ORCON"
      test=".='TOP SECRET//SI-G ACDE/TK//ORCON'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="RSV-ABC-DEF">

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<x:context>
  <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    ism:classification="TS"
    ism:ownerProducer="USA"
    ism:SCIcontrols="RSV RSV-ABC RSV-DEF TK"/>
</x:context>
<x:scenario label="RSV-ABC-DEF-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (TS//RSV-ABC-DEF/TK) "
    test=".='(TS//RSV-ABC-DEF/TK) '"/>
</x:scenario>
<x:scenario label="RSV-ABC-DEF-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be TOP SECRET//RSV-ABC-DEF/TK"
    test=".='TOP SECRET//RSV-ABC-DEF/TK'"/>
</x:scenario>
</x:scenario>

<x:scenario label="SI-G-ABCD">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:SCIcontrols="SI SI-G SI-G-ABCD"
      ism:disseminationControls="OC"/>
  </x:context>
  <x:scenario label="SI-G-ABCD-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS//SI-G ABCD//OC) "
      test=".='(TS//SI-G ABCD//OC) '"/>
  </x:scenario>
  <x:scenario label="SI-G-ABCD-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be TOP SECRET//SI-G ABCD//ORCON"
      test=".='TOP SECRET//SI-G ABCD//ORCON'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="SI-G-ABCD SI-G-ACDE">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:SCIcontrols="SI SI-G SI-G-ABCD SI-G-ACDE"
      ism:disseminationControls="OC"/>
  </x:context>
  <x:scenario label="SI-G-ABCD SI-G-ACDE-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS//SI-G ABCD ACDE//OC) "
      test=".='(TS//SI-G ABCD ACDE//OC) '"/>
  </x:scenario>
  <x:scenario label="SI-G-ABCD SI-G-ACDE-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be TOP SECRET//SI-G ABCD ACDE//ORCON"

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        test=".='TOP SECRET//SI-G ABCD ACDE//ORCON'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="SI-G-ABCD TK">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="TS"
            ism:ownerProducer="USA"
            ism:SCIcontrols="SI SI-G SI-G-ABCD SI-G-ACDE TK"
            ism:disseminationControls="OC"/>
    </x:context>
    <x:scenario label="SI-G-ABCD TK-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (TS//SI-G ABCD ACDE/TK//OC) "
            test=".='(TS//SI-G ABCD ACDE/TK//OC) '"/>
    </x:scenario>
    <x:scenario label="SI-G-ABCD TK-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be TOP SECRET//SI-G ABCD ACDE/TK//ORCON"
            test=".='TOP SECRET//SI-G ABCD ACDE/TK//ORCON'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="FGI-AUS-SI">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="TS"
            ism:ownerProducer="USA"
            ism:SCIcontrols="SI"
            ism:FGIsourceOpen="AUS"
            ism:disseminationControls="OC"/>
    </x:context>
    <x:scenario label="FGI-AUS-SI-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (TS//SI//FGI AUS//OC) "
            test=".='(TS//SI//FGI AUS//OC) '"/>
    </x:scenario>
    <x:scenario label="FGI-AUS-SI-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be TOP SECRET//SI//FGI AUS//ORCON"
            test=".='TOP SECRET//SI//FGI AUS//ORCON'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="OC-OC-USGOV">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="TS"
            ism:ownerProducer="USA"
            ism:SCIcontrols="SI"
            ism:FGIsourceOpen="AUS"
            ism:disseminationControls="OC OC-USGOV"/>
    </x:context>
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<x:scenario label="OC-OC-USGOV-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (TS//SI//FGI AUS//OC-USGOV) "
    test=".='(TS//SI//FGI AUS//OC-USGOV) '"/>
</x:scenario>
<x:scenario label="OC-OC-USGOV-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be TOP SECRET//SI//FGI AUS//ORCON-USGOV"
    test=".='TOP SECRET//SI//FGI AUS//ORCON-USGOV'"/>
</x:scenario>
</x:scenario>

<x:scenario label="USA-non-US-controls-BOHEMIA">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:SCIcontrols="TK"
      ism:nonUSControls="BOHEMIA"
      ism:FGISourceOpen="NATO"
      ism:disseminationControls="NF"/>
  </x:context>
  <x:scenario label="USA-non-US-controls-BOHEMIA-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS//TK/BOHEMIA//FGI NATO//NF) "
      test=".='(TS//TK/BOHEMIA//FGI NATO//NF) '"/>
  </x:scenario>
  <x:scenario label="USA-non-US-controls-BOHEMIA-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be TOP SECRET//TK/BOHEMIA//FGI NATO//NOFORN"
      test=".='TOP SECRET//TK/BOHEMIA//FGI NATO//NOFORN'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="USA-non-US-controls-BALK">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:SCIcontrols="TK"
      ism:nonUSControls="BALK"
      ism:FGISourceOpen="NATO"
      ism:disseminationControls="NF"/>
  </x:context>
  <x:scenario label="USA-non-US-controls-BALK-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS//TK/BALK//FGI NATO//NF) "
      test=".='(TS//TK/BALK//FGI NATO//NF) '"/>
  </x:scenario>
  <x:scenario label="USA-non-US-controls-BALK-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be TOP SECRET//TK/BALK//FGI NATO//NOFORN"
      test=".='TOP SECRET//TK/BALK//FGI NATO//NOFORN'"/>
  </x:scenario>
</x:scenario>
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</x:scenario>

<x:scenario label="USA-non-US-controls-ATOMAL">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:atomicEnergyMarkings="RD"
      ism:nonUSControls="ATOMAL"
      ism:FGISourceOpen="NATO"
      ism:disseminationControls="NF"/>
  </x:context>
  <x:scenario label="USA-non-US-controls-ATOMAL-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//RD/ATOMAL//FGI NATO//NF) "
      test=".='(S//RD/ATOMAL//FGI NATO//NF) '"/>
  </x:scenario>
  <x:scenario label="USA-non-US-controls-ATOMAL-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//RD/ATOMAL//FGI NATO//NOFORN"
      test=".='SECRET//RD/ATOMAL//FGI NATO//NOFORN'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="USA-non-US-controls-mixed-ATOMAL-BOHEMIA">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:SCIcontrols="TK"
      ism:atomicEnergyMarkings="RD"
      ism:nonUSControls="ATOMAL BOHEMIA"
      ism:FGISourceOpen="NATO"
      ism:disseminationControls="NF"/>
  </x:context>
  <x:scenario label="USA-non-US-controls-mixed-ATOMAL-BOHEMIA-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS//TK/BOHEMIA//RD/ATOMAL//FGI NATO//NF) "
      test=".='(TS//TK/BOHEMIA//RD/ATOMAL//FGI NATO//NF) '"/>
  </x:scenario>
  <x:scenario label="USA-non-US-controls-mixed-ATOMAL-BOHEMIA-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be TOP SECRET//TK/BOHEMIA//RD/ATOMAL//FGI NATO//NOFORN"
      test=".='TOP SECRET//TK/BOHEMIA//RD/ATOMAL//FGI NATO//NOFORN'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="AUS-SI">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="AUS"
      ism:SCIcontrols="SI"/>
  </x:context>

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    <x:scenario label="AUS-SI-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (//AUS TS//SI) "
        test=".='(//AUS TS//SI) '"/>
    </x:scenario>
    <x:scenario label="AUS-SI-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be //AUS TOP SECRET//SI"
        test=".='//AUS TOP SECRET//SI'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="RS">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="S"
        ism:ownerProducer="USA"
        ism:disseminationControls="RS"/>
    </x:context>
    <x:scenario label="RS-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//RS) " test=".='(S//RS) '"/>
    </x:scenario>
    <x:scenario label="RS-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be SECRET//RSEN" test=".='SECRET//RSEN'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="UCNI">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="U"
        ism:ownerProducer="USA"
        ism:atomicEnergyMarkings="UCNI"/>
    </x:context>
    <x:scenario label="UCNI-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (U//UCNI) " test=".='(U//UCNI) '"/>
    </x:scenario>
    <x:scenario label="UCNI-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be UNCLASSIFIED//DOE UCNI"
        test=".='UNCLASSIFIED//DOE UCNI'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="DCNI">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="U"
        ism:ownerProducer="USA"
        ism:atomicEnergyMarkings="DCNI"/>
    </x:context>

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<x:scenario label="DCNI-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (U//DCNI) " test=".='(U//DCNI) '"/>
</x:scenario>
<x:scenario label="DCNI-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be UNCLASSIFIED//DOD UCNI"
    test=".='UNCLASSIFIED//DOD UCNI'"/>
</x:scenario>
</x:scenario>

<x:scenario label="RD">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:atomicEnergyMarkings="RD"/>

  </x:context>
  <x:scenario label="RD-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//RD) " test=".='(S//RD) '"/>
  </x:scenario>
  <x:scenario label="RD-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//RD" test=".='SECRET//RD'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="FRD">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:atomicEnergyMarkings="FRD"/>

  </x:context>
  <x:scenario label="FRD-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//FRD) " test=".='(S//FRD) '"/>
  </x:scenario>
  <x:scenario label="FRD-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//FRD" test=".='SECRET//FRD'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="FRD-SIGMA1">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:atomicEnergyMarkings="FRD FRD-SG-14"/>

  </x:context>
  <x:scenario label="FRD-SIGMA1-ism:portionmark">
    <x:context mode="ism:portionmark"/>

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        <x:expect label="The portion should be (S//FRD-SG 14) "
            test=".='(S//FRD-SG 14) '"/>
    </x:scenario>
    <x:scenario label="FRD-SIGMA1-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//FRD-SIGMA 14"
            test=".='SECRET//FRD-SIGMA 14'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="FRD-SIGMA1-2-RD-CNWDI-SIGMA-5">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:atomicEnergyMarkings="RD RD-CNWDI RD-SG-14 FRD FRD-SG-14 FRD-SG-20"/>
    </x:context>
    <x:scenario label="FRD-SIGMA1-2-RD-CNWDI-SIGMA-5-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//RD-CNWDI-SG 14/FRD-SG 14 20) "
            test=".='(S//RD-CNWDI-SG 14/FRD-SG 14 20) '"/>
    </x:scenario>
    <x:scenario label="FRD-SIGMA1-2-RD-CNWDI-SIGMA-5-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//RD-CNWDI-SIGMA 14/FRD-SIGMA 14 20"
            test=".='SECRET//RD-CNWDI-SIGMA 14/FRD-SIGMA 14 20'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="RD-SIGMA1">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:atomicEnergyMarkings="RD RD-SG-14"/>
    </x:context>
    <x:scenario label="RD-SIGMA1-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//RD-SG 14) " test=".='(S//RD-SG 14) '"/>
    </x:scenario>
    <x:scenario label="RD-SIGMA1-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//RD-SIGMA 14"
            test=".='SECRET//RD-SIGMA 14'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="RD-SIGMA1-2">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:atomicEnergyMarkings="RD RD-SG-14 RD-SG-20"/>
    </x:context>

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<x:scenario label="RD-SIGMA1-2-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (S//RD-SG 14 20) "
    test=".='(S//RD-SG 14 20) '"/>
</x:scenario>
<x:scenario label="RD-SIGMA1-2-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be SECRET//RD-SIGMA 14 20"
    test=".='SECRET//RD-SIGMA 14 20'"/>
</x:scenario>
</x:scenario>

<x:scenario label="RD-SIGMA1-2-FRD-SIGMA1-2">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:atomicEnergyMarkings="RD RD-SG-14 RD-SG-20 FRD FRD-SG-14 FRD-SG-20"/>
  </x:context>
  <x:scenario label="RD-SIGMA1-2-FRD-SIGMA1-2-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//RD-SG 14 20/FRD-SG 14 20) "
      test=".='(S//RD-SG 14 20/FRD-SG 14 20) '"/>
  </x:scenario>
  <x:scenario label="RD-SIGMA1-2-FRD-SIGMA1-2-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//RD-SIGMA 14 20/FRD-SIGMA 14 20"
      test=".='SECRET//RD-SIGMA 14 20/FRD-SIGMA 14 20'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="RD-CNWDI-SIGMA1-2-FRD-SIGMA1-2">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:atomicEnergyMarkings="RD RD-CNWDI RD-SG-14 RD-SG-20 FRD FRD-SG-14 FRD-SG-20"/>
  </x:context>
  <x:scenario label="RD-CNWDI-SIGMA1-2-FRD-SIGMA1-2-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//RD-CNWDI-SG 14 20/FRD-SG 14 20) "
      test=".='(S//RD-CNWDI-SG 14 20/FRD-SG 14 20) '"/>
  </x:scenario>
  <x:scenario label="RD-CNWDI-SIGMA1-2-FRD-SIGMA1-2-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//RD-CNWDI-SIGMA 14 20/FRD-SIGMA 14 20"
      test=".='SECRET//RD-CNWDI-SIGMA 14 20/FRD-SIGMA 14 20'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="DISPLAY-ONLY-AFG">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
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        ism:ownerProducer="USA"
        ism:disseminationControls="DISPLAYONLY"
        ism:displayOnlyTo="AFG"/>
    </x:context>
    <x:scenario label="DISPLAY-ONLY-AFG-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//DISPLAY ONLY AFG) "
            test=".='(S//DISPLAY ONLY AFG) '"/>
    </x:scenario>
    <x:scenario label="DISPLAY-ONLY-AFG-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//DISPLAY ONLY AFG"
            test=".='SECRET//DISPLAY ONLY AFG'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="DISPLAY-ONLY-AFG-IRQ-REL-NATO-AUS">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:disseminationControls="REL DISPLAYONLY"
            ism:releasableTo="USA AUS NATO"
            ism:displayOnlyTo="AFG IRQ"/>
    </x:context>
    <x:scenario label="DISPLAY-ONLY-AFG-IRQ-REL-NATO-AUS-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//REL TO USA, AUS, NATO/DISPLAY ONLY AFG, IRQ) "
            test=".='(S//REL TO USA, AUS, NATO/DISPLAY ONLY AFG, IRQ) '"/>
    </x:scenario>
    <x:scenario label="DISPLAY-ONLY-AFG-IRQ-REL-NATO-AUS-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//REL TO USA, AUS, NATO/DISPLAY ONLY AFG, IRQ"
            test=".='SECRET//REL TO USA, AUS, NATO/DISPLAY ONLY AFG, IRQ'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="REL-NATO-AUS">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:disseminationControls="REL"
            ism:releasableTo="USA AUS NATO"/>
    </x:context>
    <x:scenario label="REL-NATO-AUS-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//REL TO USA, AUS, NATO) "
            test=".='(S//REL TO USA, AUS, NATO) '"/>
    </x:scenario>
    <x:scenario label="REL-NATO-AUS-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//REL TO USA, AUS, NATO"
            test=".='SECRET//REL TO USA, AUS, NATO'"/>
    </x:scenario>

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    </x:scenario>
</x:scenario>

<x:scenario label="REL-USA-DEU-GBR-NATO">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:disseminationControls="REL"
      ism:releasableTo="USA DEU GBR NATO"/>
  </x:context>
  <x:scenario label="REL-NATO-AUS-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//REL TO USA, DEU, GBR, NATO) "
      test=".='(S//REL TO USA, DEU, GBR, NATO) '"/>
  </x:scenario>
  <x:scenario label="REL-NATO-AUS-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//REL TO USA, DEU, GBR, NATO"
      test=".='SECRET//REL TO USA, DEU, GBR, NATO'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="DEU JPN NZL ZAF FVEY NATO RSMA">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:disseminationControls="REL"
      ism:releasableTo="USA JPN FVEY RSMA DEU NZL ZAF NATO"/>
  </x:context>
  <x:scenario label="REL-NATO-AUS-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//REL TO USA, DEU, JPN, NZL, ZAF, FVEY, NATO, RSMA) "
      test=".='(S//REL TO USA, DEU, JPN, NZL, ZAF, FVEY, NATO, RSMA) '"/>
  </x:scenario>
  <x:scenario label="REL-NATO-AUS-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//REL TO USA, DEU, JPN, NZL, ZAF, FVEY, NATO, RSMA"
      test=".='SECRET//REL TO USA, DEU, JPN, NZL, ZAF, FVEY, NATO, RSMA'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="USA FVEY DEU GBR NATO">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:disseminationControls="REL"
      ism:releasableTo="USA FVEY DEU GBR NATO"/>
  </x:context>
  <x:scenario label="REL-NATO-AUS-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//REL TO USA, DEU, GBR, FVEY, NATO) "

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        test=".='(S//REL TO USA, DEU, GBR, FVEY, NATO) '">
    </x:scenario>
    <x:scenario label="REL-NATO-AUS-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//REL TO USA, DEU, GBR, FVEY, NATO"
            test=".='SECRET//REL TO USA, DEU, GBR, FVEY, NATO'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="DEU JPN NZL ZAF FVEY NATO RSMA with dupes">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:disseminationControls="REL"
            ism:releasableTo="USA DEU JPN FVEY RSMA DEU DEU NZL FVEY ZAF NATO"/>
    </x:context>
    <x:scenario label="REL-NATO-AUS-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//REL TO USA, DEU, JPN, NZL, ZAF, FVEY, NATO, RSMA) "
            test=".='(S//REL TO USA, DEU, JPN, NZL, ZAF, FVEY, NATO, RSMA) '">
    </x:scenario>
    <x:scenario label="REL-NATO-AUS-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//REL TO USA, DEU, JPN, NZL, ZAF, FVEY, NATO, RSMA"
            test=".='SECRET//REL TO USA, DEU, JPN, NZL, ZAF, FVEY, NATO, RSMA'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="DEU JPN FVEY NATO:DEF RSMA DEU NATO:ABC DEU NZL FVEY ZAF NATO">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:disseminationControls="REL"
            ism:releasableTo="USA DEU JPN FVEY NATO:DEF RSMA DEU NATO:ABC DEU NZL FVEY ZAF NATO"/>
    </x:context>
    <x:scenario label="REL-NATO-AUS-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//REL TO USA, DEU, JPN, NZL, ZAF, FVEY, NATO ABC, NATO DEF, RSMA) "
            test=".='(S//REL TO USA, DEU, JPN, NZL, ZAF, FVEY, NATO ABC, NATO DEF, RSMA) '">
    </x:scenario>
    <x:scenario label="REL-NATO-AUS-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//REL TO USA, DEU, JPN, NZL, ZAF, FVEY, NATO ABC, NATO DEF, RSMA"
            test=".='SECRET//REL TO USA, DEU, JPN, NZL, ZAF, FVEY, NATO ABC, NATO DEF, RSMA'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="DEU FVEY NATO:DEF RSMA DEU NATO:ABC DEU NZL FVEY NATO">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"

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        ism:disseminationControls="REL"
        ism:releasableTo="USA DEU FVEY NATO:DEF RSMA DEU NATO:ABC DEU NZL FVEY NATO"/>
    </x:context>
    <x:scenario label="REL-NATO-AUS-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//REL TO USA, DEU, NZL, FVEY, NATO ABC, NATO DEF, RSMA) "
            test=".='(S//REL TO USA, DEU, NZL, FVEY, NATO ABC, NATO DEF, RSMA) '"/>
    </x:scenario>
    <x:scenario label="REL-NATO-AUS-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//REL TO USA, DEU, NZL, FVEY, NATO:ABC, NATO:DEF, RSMA"
            test=".='SECRET//REL TO USA, DEU, NZL, FVEY, NATO ABC, NATO DEF, RSMA'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="RELEASABLETO-NATO-AUS">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="NATO"
            ism:disseminationControls="REL"
            ism:releasableTo="USA AUS NATO"/>
    </x:context>
    <x:scenario label="RELEASABLETO-NATO-AUS-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (//NS//REL TO USA, AUS, NATO) "
            test=".='(//NS//REL TO USA, AUS, NATO) '"/>
    </x:scenario>
    <x:scenario label="RELEASABLETO-NATO-AUS-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be //NATO SECRET//RELEASABLE TO USA, AUS, NATO"
            test=".='//NATO SECRET//RELEASABLE TO USA, AUS, NATO'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="USA-AUS-CAN-NZL-EYES-ONLY">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:disseminationControls="EYES"
            ism:releasableTo="USA AUS CAN NZL"/>
    </x:context>
    <x:scenario label="USA-AUS-CAN-NZL-EYES-ONLY-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//USA/AUS/CAN/NZL EYES ONLY) "
            test=".='(S//USA/AUS/CAN/NZL EYES ONLY) '"/>
    </x:scenario>
    <x:scenario label="USA-AUS-CAN-NZL-EYES-ONLY-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//USA/AUS/CAN/NZL EYES ONLY"
            test=".='SECRET//USA/AUS/CAN/NZL EYES ONLY'"/>
    </x:scenario>
</x:scenario>

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<x:scenario label="IMCON-REL-USA-FVEY">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="USA"
      ism:disseminationControls="IMC REL"
      ism:releasableTo="USA FVEY"/>
  </x:context>
  <x:scenario label="IMCON-REL-USA-FVEY-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (S//IMC/REL TO USA, FVEY) "
      test=".='(S//IMC/REL TO USA, FVEY) '"/>
  </x:scenario>
  <x:scenario label="IMCON-REL-USA-FVEY-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be SECRET//IMCON/REL TO USA, FVEY"
      test=".='SECRET//IMCON/REL TO USA, FVEY'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="UNCLASSIFIED-LIMDIS">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="U"
      ism:ownerProducer="USA"
      ism:nonICmarkings="DS"/>
  </x:context>
  <x:scenario label="UNCLASSIFIED-LIMDIS-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (U//DS) " test=".='(U//DS) '"/>
  </x:scenario>
  <x:scenario label="UNCLASSIFIED-LIMDIS-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be UNCLASSIFIED//LIMDIS"
      test=".='UNCLASSIFIED//LIMDIS'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="UNCLASSIFIED-SBU-NF">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="U"
      ism:ownerProducer="USA"
      ism:nonICmarkings="SBU-NF"/>
  </x:context>
  <x:scenario label="UNCLASSIFIED-SBU-NF-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (U//SBU-NF) " test=".='(U//SBU-NF) '"/>
  </x:scenario>
  <x:scenario label="UNCLASSIFIED-SBU-NF-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be UNCLASSIFIED//SBU NOFORN"

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        test=".='UNCLASSIFIED//SBU NOFORN'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="UNCLASSIFIED-LES-NF">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="U"
            ism:ownerProducer="USA"
            ism:nonICmarkings="LES-NF"/>
    </x:context>
    <x:scenario label="UNCLASSIFIED-LES-NF-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (U//LES-NF) " test=".='(U//LES-NF) '"/>
    </x:scenario>
    <x:scenario label="UNCLASSIFIED-LES-NF-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be UNCLASSIFIED//LES NOFORN"
            test=".='UNCLASSIFIED//LES NOFORN'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="SECRET-NOFORN-EXDIS">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:nonICmarkings="XD"
            ism:disseminationControls="NF"/>
    </x:context>
    <x:scenario label="SECRET-NOFORN-EXDIS-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//NF//XD) " test=".='(S//NF//XD) '"/>
    </x:scenario>
    <x:scenario label="SECRET-NOFORN-EXDIS-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//NOFORN//EXDIS"
            test=".='SECRET//NOFORN//EXDIS'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="SECRET-NOFORN-NODIS">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:nonICmarkings="ND"
            ism:disseminationControls="NF"/>
    </x:context>
    <x:scenario label="SECRET-NOFORN-NODIS-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//NF//ND) " test=".='(S//NF//ND) '"/>
    </x:scenario>
</x:scenario>
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<x:scenario label="SECRET-NOFORN-NODIS-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be SECRET//NOFORN//NODIS"
    test=".='SECRET//NOFORN//NODIS'"/>
</x:scenario>
</x:scenario>

<x:scenario label="JOINT">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="DEU USA"
      ism:joint="true"
      ism:disseminationControls="REL"
      ism:releasableTo="USA DEU NATO"/>
  </x:context>
  <x:scenario label="JOINT-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (//JOINT S DEU USA//REL TO USA, DEU, NATO) "
      test=".='(//JOINT S DEU USA//REL TO USA, DEU, NATO) '"/>
  </x:scenario>
  <x:scenario label="JOINT-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be //JOINT SECRET DEU USA//REL TO USA, DEU, NATO"
      test=".='//JOINT SECRET DEU USA//REL TO USA, DEU, NATO'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="Non-JOINT">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="DEU GBR"
      ism:disseminationControls="REL"
      ism:releasableTo="USA DEU GBR NATO"/>
  </x:context>
  <x:scenario label="Non-JOINT-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (//DEU GBR S//REL TO USA, DEU, GBR, NATO) "
      test=".='(//DEU GBR S//REL TO USA, DEU, GBR, NATO) '"/>
  </x:scenario>
  <x:scenario label="Non-JOINT-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be //DEU GBR SECRET//REL TO USA, DEU, GBR, NATO"
      test=".='//DEU GBR SECRET//REL TO USA, DEU, GBR, NATO'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="Authority-50X1-HUM-OCA">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
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        ism:ownerProducer="USA"
        ism:classifiedBy="John Doe, Director CIA"
        ism:classificationReason="1.4c"
        ism:declassException="50X1-HUM"/>
    </x:context>
    <x:scenario label="Authority-50X1-HUM-OCA-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (TS) " test=".='(TS) '"/>
    </x:scenario>
    <x:scenario label="Authority-50X1-HUM-OCA-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be TOP SECRET" test=".='TOP SECRET'"/>
    </x:scenario>
    <x:scenario label="Authority-50X1-HUM-OCA-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Classified by: John Doe, Director CIA|Reason: 1.4c|Declassify on: 50X1-HUM"
            test=".='Classified by: John Doe, Director CIA|Reason: 1.4c|Declassify on: 50X1-HUM'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="Authority-50X2-WMD">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="TS"
            ism:ownerProducer="USA"
            ism:classifiedBy="John Doe, Director CIA"
            ism:classificationReason="1.4c"
            ism:declassException="50X2-WMD"/>
    </x:context>
    <x:scenario label="Authority-50X2-WMD-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (TS) " test=".='(TS) '"/>
    </x:scenario>
    <x:scenario label="Authority-50X2-WMD-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be TOP SECRET" test=".='TOP SECRET'"/>
    </x:scenario>
    <x:scenario label="Authority-50X2-WMD-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Classified by: John Doe, Director CIA|Reason: 1.4c|Declassify on: 50X2-WMD"
            test=".='Classified by: John Doe, Director CIA|Reason: 1.4c|Declassify on: 50X2-WMD'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="Declass-DerivativelyClassified-MultipleSources">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="TS"
            ism:ownerProducer="USA"
            ism:derivativelyClassifiedBy="John Doe, JITF-CT DIA"
            ism:classificationReason="NDP-1"
            ism:derivedFrom="Multiple Sources"
            ism:declassDate="2035-09-11"/>
    </x:context>
```

```

<x:scenario label="Declass-DerivativelyClassified-MultipleSources-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (TS) " test=".='(TS) '"/>
</x:scenario>
<x:scenario label="Declass-DerivativelyClassified-MultipleSources-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be TOP SECRET" test=".='TOP SECRET'"/>
</x:scenario>
<x:scenario label="Declass-DerivativelyClassified-MultipleSources-ism:authority">
  <x:context mode="ism:authority"/>
  <x:expect label="The authority should be Classified by: John Doe, JITF-CT DIA|Derived from: Multiple Sources|Reason: NDP-1|Declassify on: September 11, 2035"
    test=".='Classified by: John Doe, JITF-CT DIA|Derived from: Multiple Sources|Reason: NDP-1|Declassify on: September 11, 2035'"/>
</x:scenario>
</x:scenario>

<x:scenario label="Authority-50X1-HUM">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:derivativelyClassifiedBy="John Doe, JITF-CT DIA"
      ism:classificationReason="NDP-1"
      ism:derivedFrom="Multiple Sources"
      ism:declassException="50X1-HUM"
      ism:declassDate="2050-01-01"/>

  </x:context>
  <x:scenario label="Authority-50X1-HUM-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS) " test=".='(TS) '"/>
  </x:scenario>
  <x:scenario label="Authority-50X1-HUM-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be TOP SECRET" test=".='TOP SECRET'"/>
  </x:scenario>
  <x:scenario label="Authority-50X1-HUM-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Classified by: John Doe, JITF-CT DIA|Derived from: Multiple Sources|Reason: NDP-1|Declassify on: 50X1-HUM, January 1, 2050"
      test=".='Classified by: John Doe, JITF-CT DIA|Derived from: Multiple Sources|Reason: NDP-1|Declassify on: 50X1-HUM, January 1, 2050'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="Authority-AEA">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:derivativelyClassifiedBy="John Doe, JITF-CT DIA"
      ism:classificationReason="NDP-1"
      ism:derivedFrom="Multiple Sources"
      ism:declassException="AEA"/>

  </x:context>
  <x:scenario label="Authority-AEA-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS) " test=".='(TS) '"/>
  </x:scenario>
</x:scenario>

```

```
</x:scenario>
<x:scenario label="Authority-AEA-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be TOP SECRET" test=".='TOP SECRET'"/>
</x:scenario>
<x:scenario label="Authority-AEA-ism:authority">
  <x:context mode="ism:authority"/>
  <x:expect label="The authority should be Classified by: John Doe, JITF-CT DIA|Derived from: Multiple Sources|Reason: NDP-1|Declassify on: Not Applicable to RD/FRD/TFNI
portions. See source list for NSI portions."
    test=".='Classified by: John Doe, JITF-CT DIA|Derived from: Multiple Sources|Reason: NDP-1|Declassify on: Not Applicable to RD/FRD/TFNI portions. See source
list for NSI portions.'"/>
</x:scenario>
</x:scenario>

<x:scenario label="Authority-NATO">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:derivativelyClassifiedBy="John Doe, JITF-CT DIA"
      ism:classificationReason="NDP-1"
      ism:derivedFrom="Multiple Sources"
      ism:declassException="NATO"/>
  </x:context>

  <x:scenario label="Authority-NATO-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS) " test=".='(TS) '"/>
  </x:scenario>
  <x:scenario label="Authority-NATO-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be TOP SECRET" test=".='TOP SECRET'"/>
  </x:scenario>
  <x:scenario label="Authority-NATO-ism:authority">
    <x:context mode="ism:authority"/>
    <x:expect label="The authority should be Classified by: John Doe, JITF-CT DIA|Derived from: Multiple Sources|Reason: NDP-1|Declassify on: Not Applicable to NATO
portions. See source list for NSI portions."
      test=".='Classified by: John Doe, JITF-CT DIA|Derived from: Multiple Sources|Reason: NDP-1|Declassify on: Not Applicable to NATO portions. See source list for
NSI portions.'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="Authority-NATO-AEA">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:derivativelyClassifiedBy="John Doe, JITF-CT DIA"
      ism:classificationReason="NDP-1"
      ism:derivedFrom="Multiple Sources"
      ism:declassException="NATO-AEA"/>
  </x:context>
  <x:scenario label="Authority-NATO-AEA-ism:portionmark">
    <x:context mode="ism:portionmark"/>
```

```

        <x:expect label="The portion should be (TS) " test=".='(TS) '"/>
    </x:scenario>
    <x:scenario label="Authority-NATO-AEA-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be TOP SECRET" test=".='TOP SECRET'"/>
    </x:scenario>
    <x:scenario label="Authority-NATO-AEA-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Classified by: John Doe, JITF-CT DIA|Derived from: Multiple Sources|Reason: NDP-1|Declassify on: Not Applicable to RD/FRD/TFNI
and NATO portions. See source list for NSI portions."
        test=".='Classified by: John Doe, JITF-CT DIA|Derived from: Multiple Sources|Reason: NDP-1|Declassify on: Not Applicable to RD/FRD/TFNI and NATO portions. See
source list for NSI portions.'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="ACCM">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="TS"
            ism:ownerProducer="USA"
            ism:derivativelyClassifiedBy="John Doe, JITF-CT DIA"
            ism:classificationReason="NDP-1"
            ism:derivedFrom="Multiple Sources"
            ism:nonICmarkings="ACCM-TEA_LEAF ACCM-FICTITIOUS_EFFORT"
            ism:declassDate="2050-01-01"/>
    </x:context>
    <x:scenario label="ACCM-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (TS//ACCM-FICTITIOUS EFFORT/TEA LEAF) "
            test=".='(TS//ACCM-FICTITIOUS EFFORT/TEA LEAF) '"/>
    </x:scenario>
    <x:scenario label="ACCM-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be TOP SECRET//ACCM-FICTITIOUS EFFORT/TEA LEAF"
            test=".='TOP SECRET//ACCM-FICTITIOUS EFFORT/TEA LEAF'"/>
    </x:scenario>
    <x:scenario label="ACCM-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Classified by: John Doe, JITF-CT DIA|Derived from: Multiple Sources|Reason: NDP-1|Declassify on: January 1, 2050"
            test=".='Classified by: John Doe, JITF-CT DIA|Derived from: Multiple Sources|Reason: NDP-1|Declassify on: January 1, 2050'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="NATO/NAC-ISAF">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="R"
            ism:ownerProducer="NATO:ISAF"/>
    </x:context>
    <x:scenario label="NATO/NAC-ISAF-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (//NIR) " test=".='(//NIR) '"/>
    </x:scenario>
    <x:scenario label="NATO/NAC-ISAF-ism:banner">

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        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be //NATO ISAF RESTRICTED"
            test=".='//NATO ISAF RESTRICTED'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="NATO/NAC-ISAF-complex">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="R"
            ism:ownerProducer="NATO:ISAF"
            ism:disseminationControls="REL DISPLAYONLY"
            ism:releasableTo="GBR NATO:PfP"
            ism:displayOnlyTo="AFG NATO:Operation_Unified_Protector"/>

    </x:context>
    <x:scenario label="NATO/NAC-ISAF-complex-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (//NIR//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector) "
            test=".='(//NIR//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector) '"/>
    </x:scenario>
    <x:scenario label="NATO/NAC-ISAF-complex-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be //NATO ISAF RESTRICTED//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector"
            test=".='//NATO ISAF RESTRICTED//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="USA-NAC">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:disseminationControls="REL DISPLAYONLY"
            ism:releasableTo="GBR NATO:PfP"
            ism:displayOnlyTo="AFG NATO:Operation_Unified_Protector"
            ism:FGISourceOpen="AGO NATO:ISAF"/>

    </x:context>
    <x:scenario label="USA-NAC-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//FGI AGO NATO ISAF//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector) "
            test=".='(S//FGI AGO NATO ISAF//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector) '"/>
    </x:scenario>
    <x:scenario label="USA-NAC-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//FGI AGO NATO ISAF//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector"
            test=".='SECRET//FGI AGO NATO ISAF//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="REL-FAKE_TETRA-UNDERSCORE">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"

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            ism:disseminationControls="REL"
            ism:releasableTo="USA FAKE_TETRA"/>
        </x:context>
        <x:scenario label="REL-FAKE_TETRA-UNDERSCORE-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (S//REL TO USA, FAKE TETRA) "
                test=".='(S//REL TO USA, FAKE TETRA) '"/>
        </x:scenario>
        <x:scenario label="REL-FAKE_TETRA-UNDERSCORE-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be SECRET//REL TO USA, FAKE TETRA"
                test=".='SECRET//REL TO USA, FAKE TETRA'"/>
        </x:scenario>
    </x:scenario>

    <x:scenario label="FGI Protected Mixed Portion">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                ism:classification="TS"
                ism:ownerProducer="USA"
                ism:FGISourceProtected="FGI"/>
        </x:context>
        <x:scenario label="FGI Protected Mixed Portion-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (TS//FGI) " test=".='(TS//FGI) '"/>
        </x:scenario>
        <x:scenario label="FGI Protected Mixed Portion-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be TOP SECRET//FGI" test=".='TOP SECRET//FGI'"/>
        </x:scenario>
    </x:scenario>

    <x:scenario label="NGIC_Test_1">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                ism:classification="TS"
                ism:ownerProducer="USA"
                ism:FGISourceProtected="FGI"
                ism:disseminationControls="NF FISA"
                ism:SCIcontrols="SI"/>
        </x:context>
        <x:scenario label="NGIC_Test_1-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (TS//SI//FGI//NF/FISA) "
                test=".='(TS//SI//FGI//NF/FISA) '"/>
        </x:scenario>
        <x:scenario label="NGIC_Test_1-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be TOP SECRET//SI//FGI//NOFORN/FISA"
                test=".='TOP SECRET//SI//FGI//NOFORN/FISA'"/>
        </x:scenario>
    </x:scenario>

    <x:scenario label="NGIC_Test_4">

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    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="S"
        ism:ownerProducer="GBR"
        ism:FGISourceOpen="GBR"/>
    </x:context>
    <x:scenario label="NGIC_Test_4-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (//GBR S) " test=".='(//GBR S) '"/>
    </x:scenario>
    <x:scenario label="NGIC_Test_4-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be //GBR SECRET" test=".='//GBR SECRET'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="NGIC_Test_5">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="S"
        ism:ownerProducer="USA"
        ism:FGISourceOpen="GBR"/>
    </x:context>
    <x:scenario label="NGIC_Test_5-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//FGI GBR) " test=".='(S//FGI GBR) '"/>
    </x:scenario>
    <x:scenario label="NGIC_Test_5-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be SECRET//FGI GBR" test=".='SECRET//FGI GBR'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="RAWFISA">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="S"
        ism:ownerProducer="USA"
        ism:disseminationControls="RAWFISA"/>
    </x:context>
    <x:scenario label="RAWFISA-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//RAWFISA) " test=".='(S//RAWFISA) '"/>
    </x:scenario>
    <x:scenario label="RAWFISA-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be SECRET//RAWFISA" test=".='SECRET//RAWFISA'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="MultipleDeclass">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="S"

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        ism:ownerProducer="USA"
        ism:disseminationControls="NF"
        ism:derivativelyClassifiedBy="John Smith"
        ism:derivedFrom="derivative"
        ism:declassException="25X1 25X3"
        ism:declassDate="2035-12-31"
        ism:classificationReason="1.4c"/>
    </x:context>
    <x:scenario label="MultipleDeclass-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//NF) " test=".='(S//NF) '"/>
    </x:scenario>
    <x:scenario label="MultipleDeclass-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//NOFORN" test=".='SECRET//NOFORN'"/>
    </x:scenario>
    <x:scenario label="MultipleDeclass-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Classified by: John Smith|Derived from: derivative|Reason: 1.4c|Declassify on: 25X1 25X3, December 31, 2035"
            test=".='Classified by: John Smith|Derived from: derivative|Reason: 1.4c|Declassify on: 25X1 25X3, December 31, 2035'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="MultipleDeclass2">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="S"
            ism:ownerProducer="USA"
            ism:disseminationControls="NF"
            ism:derivativelyClassifiedBy="John Smith"
            ism:derivedFrom="derivative"
            ism:declassException="25X1 25X3"
            ism:declassDate="2035-12-31"/>

    </x:context>
    <x:scenario label="MultipleDeclass2-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (S//NF) " test=".='(S//NF) '"/>
    </x:scenario>
    <x:scenario label="MultipleDeclass2-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be SECRET//NOFORN" test=".='SECRET//NOFORN'"/>
    </x:scenario>
    <x:scenario label="MultipleDeclass2-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Classified by: John Smith|Derived from: derivative|Declassify on: 25X1 25X3, December 31, 2035"
            test=".='Classified by: John Smith|Derived from: derivative|Declassify on: 25X1 25X3, December 31, 2035'"/>
    </x:scenario>
</x:scenario>

<x:scenario label="Exempt_from_ICD501_Discovery">
    <x:context>
        <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            ism:classification="TS"

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        ism:ownerProducer="USA"
        ism:SCIcontrols="HCS"
        ism:derivativelyClassifiedBy="John Smith"
        ism:derivedFrom="My Guide"
        ism:declassDate="2045-12-31"
        ism:disseminationControls="NF EXEMPT_FROM_ICD501_DISCOVERY"/>
    </x:context>
    <x:scenario label="HCS-ism:portionmark">
        <x:context mode="ism:portionmark"/>
        <x:expect label="The portion should be (TS//HCS//NF) " test=".='(TS//HCS//NF) '"/>
    </x:scenario>
    <x:scenario label="HCS-ism:banner">
        <x:context mode="ism:banner"/>
        <x:expect label="The banner should be TOP SECRET//HCS//NOFORN"
            test=".='TOP SECRET//HCS//NOFORN'"/>
    </x:scenario>
    <x:scenario label="HCS-ism:authority">
        <x:context mode="ism:authority"/>
        <x:expect label="The authority should be Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2045"
            test=".='Classified by: John Smith|Derived from: My Guide|Declassify on: December 31, 2045'"/>
    </x:scenario>
</x:scenario>

</x:description>
```

2.14 - Misc-MarkingsTests.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
               stylesheet="./ISMAAllTogetherForXSPEC.xsl">

    <x:scenario label="ACCM-REL-Order">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                             ism:classification="TS"
                             ism:ownerProducer="USA"
                             ism:disseminationControls="REL"
                             ism:releasableTo="USA FVEY"
                             ism:nonICmarkings="ACCM-TEA_LEAF ACCM-FICTICIOUS_EFFORT"/>
        </x:context>
        <x:scenario label="ACCM-REL-Order-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (TS//REL TO USA, FVEY//ACCM-FICTICIOUS EFFORT/TEA LEAF) "
                    test=".='(TS//REL TO USA, FVEY//ACCM-FICTICIOUS EFFORT/TEA LEAF) '"/>
        </x:scenario>
        <x:scenario label="ACCM-REL-Order-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be TOP SECRET//REL TO USA, FVEY//ACCM-FICTICIOUS EFFORT/TEA LEAF"
                    test=".='TOP SECRET//REL TO USA, FVEY//ACCM-FICTICIOUS EFFORT/TEA LEAF'"/>
        </x:scenario>
    </x:scenario>

</x:description>
```

2.15 - nonICmarkingsOrder.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
               stylesheet="../../ISMAAllTogetherForXSPEC.xsl">

  <x:scenario label="nonICmarkingsOrderTest-ACCM">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                       ism:classification="TS"
                       ism:ownerProducer="USA"
                       ism:derivativelyClassifiedBy="John Doe, JITF-CT DIA"
                       ism:classificationReason="NDP-1"
                       ism:derivedFrom="Multiple Sources"
                       ism:nonICmarkings="ACCM-TEA_LEAF ACCM-FICTICIOUS_EFFORT"
                       ism:declassDate="2050-01-01"/>
    </x:context>
    <x:scenario label="nonICmarkingsOrderTest-ACCM-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (TS//ACCM-FICTICIOUS EFFORT/TEA LEAF) "
               test=".='(TS//ACCM-FICTICIOUS EFFORT/TEA LEAF) '"/>
    </x:scenario>
    <x:scenario label="nonICmarkingsOrderTest-ACCM-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be TOP SECRET//ACCM-FICTICIOUS EFFORT/TEA LEAF"
               test=".='TOP SECRET//ACCM-FICTICIOUS EFFORT/TEA LEAF'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="nonICmarkingsOrderTest-ACCM-DS">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                       ism:classification="TS"
                       ism:ownerProducer="USA"
                       ism:derivativelyClassifiedBy="John Doe, JITF-CT DIA"
                       ism:classificationReason="NDP-1"
                       ism:derivedFrom="Multiple Sources"
                       ism:nonICmarkings="ACCM-TEA_LEAF ACCM-FICTICIOUS_EFFORT DS"
                       ism:declassDate="2050-01-01"/>
    </x:context>
    <x:scenario label="nonICmarkingsOrderTest-ACCM-DS-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (TS//DS/ACCM-FICTICIOUS EFFORT/TEA LEAF) "
               test=".='(TS//DS/ACCM-FICTICIOUS EFFORT/TEA LEAF) '"/>
    </x:scenario>
    <x:scenario label="nonICmarkingsOrderTest-ACCM-DS-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be TOP SECRET//LIMDIS/ACCM-FICTICIOUS EFFORT/TEA LEAF"
               test=".='TOP SECRET//LIMDIS/ACCM-FICTICIOUS EFFORT/TEA LEAF'"/>
    </x:scenario>
  </x:scenario>
</x:description>
```

```
<x:scenario label="nonICmarkingsOrderTest-ACCM-SSI-DS">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="TS"
      ism:ownerProducer="USA"
      ism:derivativelyClassifiedBy="John Doe, JITF-CT DIA"
      ism:classificationReason="NDP-1"
      ism:derivedFrom="Multiple Sources"
      ism:nonICmarkings="ACCM-TEA_LEAF ACCM-FICTICIOUS_EFFORT DS SSI"
      ism:declassDate="2050-01-01"/>
  </x:context>
  <x:scenario label="nonICmarkingsOrderTest-ACCM-SSI-DS-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (TS//DS/ACCM-FICTICIOUS EFFORT/TEA LEAF/SSI) "
      test=".='(TS//DS/ACCM-FICTICIOUS EFFORT/TEA LEAF/SSI) '"/>
  </x:scenario>
  <x:scenario label="nonICmarkingsOrderTest-ACCM-SSI-DS-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be TOP SECRET//LIMDIS/ACCM-FICTICIOUS EFFORT/TEA LEAF/SSI"
      test=".='TOP SECRET//LIMDIS/ACCM-FICTICIOUS EFFORT/TEA LEAF/SSI'"/>
  </x:scenario>
</x:scenario>

</x:description>
```

## 2.16 - nonUSmarkingsOrder.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
                stylesheet="../../ISMAAllTogetherForXSPEC.xsl">

    <x:scenario label="nonUSmarkingsOrderTest-BALK">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                             ism:classification="TS"
                             ism:ownerProducer="USA"
                             ism:SCIcontrols="TK"
                             ism:nonUSControls="BALK ATOMAL"
                             ism:FGISourceOpen="NATO"
                             ism:disseminationControls="NF"/>
        </x:context>
        <x:scenario label="nonUSmarkingsOrderTest-BALK-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (TS//TK/BALK//FGI NATO//NF) "
                      test=".='(TS//TK/BALK//FGI NATO//NF) '"/>
        </x:scenario>
        <x:scenario label="nonUSmarkingsOrderTest-BALK-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be TOP SECRET//TK/BALK//FGI NATO//NOFORN"
                      test=".='TOP SECRET//TK/BALK//FGI NATO//NOFORN'"/>
        </x:scenario>
    </x:scenario>

    <x:scenario label="nonUSmarkingsOrderTest-ATOMAL-BOHEMIA">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                             ism:classification="TS"
                             ism:ownerProducer="USA"
                             ism:SCIcontrols="TK"
                             ism:atomicEnergyMarkings="RD"
                             ism:nonUSControls="BOHEMIA ATOMAL"
                             ism:FGISourceOpen="NATO"
                             ism:disseminationControls="NF"/>
        </x:context>
        <x:scenario label="nonUSmarkingsOrderTest-ATOMAL-BOHEMIA-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (TS//TK/BOHEMIA//RD/ATOMAL//FGI NATO//NF) "
                      test=".='(TS//TK/BOHEMIA//RD/ATOMAL//FGI NATO//NF) '"/>
        </x:scenario>
        <x:scenario label="nonUSmarkingsOrderTest-ATOMAL-BOHEMIA-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be TOP SECRET//TK/BOHEMIA//RD/ATOMAL//FGI NATO//NOFORN"
                      test=".='TOP SECRET//TK/BOHEMIA//RD/ATOMAL//FGI NATO//NOFORN'"/>
        </x:scenario>
    </x:scenario>
</x:scenario>
```

</x:description>

2.17 - overallRelOrder.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
               stylesheet="../../ISMAAllTogetherForXSPEC.xsl">

    <x:scenario label="Overall-REL-NATO-AUS-Checkorder">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                             ism:classification="S"
                             ism:ownerProducer="USA"
                             ism:disseminationControls="REL"
                             ism:releasableTo=" AUS NATO USA"/>
        </x:context>
        <x:scenario label="Overall-REL-NATO-AUS-Checkorder:portionmark">
            <x:call template="get.portionmark">
                <x:param name="overalldissem" select="'REL'"/>
                <x:param name="overallreleaseto" select="'AUS NATO USA'"/>
            </x:call>
            <x:expect label="The portion should be (S//REL) " test=".='(S//REL) '"/>
        </x:scenario>
        <x:scenario label="Overall-REL-NATO-AUS-Checkorder:banner">
            <x:context mode="ism:banner">
                <x:param name="overallreleaseto" select="'AUS NATO USA'"/>
            </x:context>
            <x:expect label="The banner should be SECRET//REL TO USA, AUS, NATO"
                      test=".='SECRET//REL TO USA, AUS, NATO'"/>
        </x:scenario>
    </x:scenario>
</x:description>
```



2.18 - OwnerProducerOrder.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
                stylesheet="../../ISMAAllTogetherForXSPEC.xsl">

    <x:scenario label="OwnerProducerOrder-Joint">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                             ism:classification="S"
                             ism:ownerProducer="USA DEU"
                             ism:joint="true"
                             ism:disseminationControls="REL"
                             ism:releasableTo="USA DEU NATO"/>
        </x:context>
        <x:scenario label="OwnerProducerOrder-Joint-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (//JOINT S DEU USA//REL TO USA, DEU, NATO) "
                    test=".='(//JOINT S DEU USA//REL TO USA, DEU, NATO) '"/>
        </x:scenario>
        <x:scenario label="OwnerProducerOrder-Joint-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be //JOINT SECRET DEU USA//REL TO USA, DEU, NATO"
                    test=".='//JOINT SECRET DEU USA//REL TO USA, DEU, NATO'"/>
        </x:scenario>
    </x:scenario>

    <x:scenario label="OwnerProducerOrder-Non-JOINT">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                             ism:classification="S"
                             ism:ownerProducer="GBR DEU"
                             ism:disseminationControls="REL"
                             ism:releasableTo="USA DEU GBR NATO"/>
        </x:context>
        <x:scenario label="OwnerProducerOrder-Non-JOINT-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (//DEU GBR S//REL TO USA, DEU, GBR, NATO) "
                    test=".='(//DEU GBR S//REL TO USA, DEU, GBR, NATO) '"/>
        </x:scenario>
        <x:scenario label="OwnerProducerOrder-Non-JOINT-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be //DEU GBR SECRET//REL TO USA, DEU, GBR, NATO"
                    test=".='//DEU GBR SECRET//REL TO USA, DEU, GBR, NATO'"/>
        </x:scenario>
    </x:scenario>

</x:description>
```

## 2.19 - RELOrder.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
  stylesheet="../../ISMAAllTogetherForXSPEC.xsl">

  <x:scenario label="NATO/NAC-ISAF-complex-Checkorder">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="R"
        ism:ownerProducer="NATO:ISAF"
        ism:disseminationControls="REL DISPLAYONLY"
        ism:releasableTo="GBR NATO:PfP"
        ism:displayOnlyTo="AFG NATO:Operation_Unified_Protector"/>
    </x:context>
    <x:scenario label="NATO/NAC-ISAF-complex-Checkorder-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (//NIR//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector) "
        test=".='(//NIR//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector) '"/>
    </x:scenario>
    <x:scenario label="NATO/NAC-ISAF-complex-Checkorder-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be //NATO ISAF RESTRICTED//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector"
        test=".='//NATO ISAF RESTRICTED//REL TO GBR, NATO PfP/DISPLAY ONLY AFG, NATO Operation Unified Protector'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="DISPLAY-ONLY-AFG-IRQ-REL-NATO-AUS-Checkorder">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="S"
        ism:ownerProducer="USA"
        ism:disseminationControls="REL DISPLAYONLY"
        ism:releasableTo="USA NATO AUS"
        ism:displayOnlyTo="AFG IRQ"/>
    </x:context>
    <x:scenario label="DISPLAY-ONLY-AFG-IRQ-REL-NATO-AUS-Checkorder-ism:portionmark">
      <x:context mode="ism:portionmark"/>
      <x:expect label="The portion should be (S//REL TO USA, AUS, NATO/DISPLAY ONLY AFG, IRQ) "
        test=".='(S//REL TO USA, AUS, NATO/DISPLAY ONLY AFG, IRQ) '"/>
    </x:scenario>
    <x:scenario label="DISPLAY-ONLY-AFG-IRQ-REL-NATO-AUS-Checkorder-ism:banner">
      <x:context mode="ism:banner"/>
      <x:expect label="The banner should be SECRET//REL TO USA, AUS, NATO/DISPLAY ONLY AFG, IRQ"
        test=".='SECRET//REL TO USA, AUS, NATO/DISPLAY ONLY AFG, IRQ'"/>
    </x:scenario>
  </x:scenario>

  <x:scenario label="REL-NATO-AUS-Checkorder">
    <x:context>
      <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        ism:classification="S"
        ism:ownerProducer="USA"
```

```

        ism:disseminationControls="REL"
        ism:releasableTo=" AUS NATO USA"/>
</x:context>
<x:scenario label="REL-NATO-AUS-Checkorder-ism:portionmark">
  <x:context mode="ism:portionmark"/>
  <x:expect label="The portion should be (S//REL TO USA, AUS, NATO) "
    test=".='(S//REL TO USA, AUS, NATO) '"/>
</x:scenario>
<x:scenario label="REL-NATO-AUS-Checkorder-ism:banner">
  <x:context mode="ism:banner"/>
  <x:expect label="The banner should be SECRET//REL TO USA, AUS, NATO"
    test=".='SECRET//REL TO USA, AUS, NATO'"/>
</x:scenario>
</x:scenario>

<x:scenario label="RELEASABLETO-NATO-AUS-Checkorder">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="NATO"
      ism:disseminationControls="REL"
      ism:releasableTo="NATO AUS USA"/>
  </x:context>
  <x:scenario label="RELEASABLETO-NATO-AUS-Checkorder-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (//NS//REL TO USA, AUS, NATO) "
      test=".='(//NS//REL TO USA, AUS, NATO) '"/>
  </x:scenario>
  <x:scenario label="RELEASABLETO-NATO-AUS-Checkorder-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be //NATO SECRET//RELEASABLE TO USA, AUS, NATO"
      test=".='//NATO SECRET//RELEASABLE TO USA, AUS, NATO'"/>
  </x:scenario>
</x:scenario>

<x:scenario label="RELEASABLETO-Non-JOINT">
  <x:context>
    <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      ism:classification="S"
      ism:ownerProducer="DEU GBR"
      ism:disseminationControls="REL"
      ism:releasableTo="USA DEU GBR NATO"/>
  </x:context>
  <x:scenario label="RELEASABLETO-Non-JOINT-ism:portionmark">
    <x:context mode="ism:portionmark"/>
    <x:expect label="The portion should be (//DEU GBR S//REL TO USA, DEU, GBR, NATO) "
      test=".='(//DEU GBR S//REL TO USA, DEU, GBR, NATO) '"/>
  </x:scenario>
  <x:scenario label="RELEASABLETO-Non-JOINT-ism:banner">
    <x:context mode="ism:banner"/>
    <x:expect label="The banner should be //DEU GBR SECRET//REL TO USA, DEU, GBR, NATO"
      test=".='//DEU GBR SECRET//REL TO USA, DEU, GBR, NATO'"/>
  </x:scenario>
</x:scenario>

```

```
        </x:scenario>
    </x:description>
```

2.20 - SarOrder.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
               stylesheet="../../ISMAAllTogetherForXSPEC.xsl">

    <x:scenario label="SAR-JP_SD-A1-Checkorder">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                             ism:classification="S"
                             ism:ownerProducer="USA"
                             ism:SARIdentifier="SAR-DNI:SOPHOMORE_DANCE SAR-DNI:JUNIOR_PROM SAR-DNI:SOPHOMORE_DANCE-A1"/>
        </x:context>
        <x:scenario label="SAR-JP_SD-A1-Checkorder-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (S//SAR-JUNIOR PROM/SOPHOMORE DANCE-A1) "
                    test=".='(S//SAR-JUNIOR PROM/SOPHOMORE DANCE-A1) '"/>
        </x:scenario>
        <x:scenario label="SAR-JP_SD-A1-Checkorder-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be SECRET//SAR-JUNIOR PROM/SOPHOMORE DANCE-A1"
                    test=".='SECRET//SAR-JUNIOR PROM/SOPHOMORE DANCE-A1'"/>
        </x:scenario>
    </x:scenario>
</x:description>
```

2.21 - SCIOOrder.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
                stylesheet="../../ISMAAllTogetherForXSPEC.xsl">

    <x:scenario label="SITK-Checkorder">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                             ism:classification="TS"
                             ism:ownerProducer="USA"
                             ism:SCIcontrols="TK SI"/>
        </x:context>
        <x:scenario label="SITK-Checkorder-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (TS//SI/TK) " test=".='(TS//SI/TK) '"/>
        </x:scenario>
        <x:scenario label="SITK-Checkorder-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be TOP SECRET//SI/TK"
                    test=".='TOP SECRET//SI/TK'"/>
        </x:scenario>
    </x:scenario>

    <x:scenario label="SI-G-ABCD-TK-SAP-ACCM-Checkorder">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                             ism:classification="TS"
                             ism:ownerProducer="USA"
                             ism:SCIcontrols=" SI-G-ACDE SI-G-ABCD TK SI SI-G "
                             ism:SARIdentifier="SAR-DNI:ABC SAR-DNI:DEF"
                             ism:nonICmarkings="ACCM-TEA_LEAF ACCM-FICTICIOUS_EFFORT"
                             ism:disseminationControls="OC"/>
        </x:context>
        <x:scenario label="SI-G-ABCD-TK-SAP-ACCM-Checkorder-ism:portionmark">
            <x:context mode="ism:portionmark"/>
            <x:expect label="The portion should be (TS//SI-G ABCD ACDE/TK//SAR-ABC/DEF//OC//ACCM-FICTICIOUS EFFORT/TEA LEAF) "
                    test=".='(TS//SI-G ABCD ACDE/TK//SAR-ABC/DEF//OC//ACCM-FICTICIOUS EFFORT/TEA LEAF) '"/>
        </x:scenario>
        <x:scenario label="SI-G-ABCD-TK-SAP-ACCM-Checkorder-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be TOP SECRET//SI-G ABCD ACDE/TK//SAR-ABC/DEF//ORCON//ACCM-FICTICIOUS EFFORT/TEA LEAF"
                    test=".='TOP SECRET//SI-G ABCD ACDE/TK//SAR-ABC/DEF//ORCON//ACCM-FICTICIOUS EFFORT/TEA LEAF'"/>
        </x:scenario>
    </x:scenario>

</x:description>
```

2.22 - SecondBanner.xspec

```
<x:description xmlns:x="http://www.jenitennison.com/xslt/xspec"
    stylesheet="./ISMAAllTogetherForXSPEC.xsl">

    <x:scenario label="SecondBannerLine">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                ism:classification="S"
                ism:ownerProducer="USA"
                ism:secondBannerLine="ACPI AWP"/>
        </x:context>
        <x:scenario label="SecondBannerLine-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be SECRET|ATTORNEY-CLIENT PRIVILEGED INFO/ATTORNEY WORK PRODUCT"
                test=".='SECRET|ATTORNEY-CLIENT PRIVILEGED INFO/ATTORNEY WORK PRODUCT'"/>
        </x:scenario>
    </x:scenario>

    <x:scenario label="SecondBannerLine-HVCO">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                ism:compliesWith="USGov USIC"
                ism:DESVersion="202111.202211"
                ism:ISMCAICESVersion="202211"
                ism:resourceElement="true"
                ism:createDate="2009-06-01"
                ism:classification="S"
                ism:ownerProducer="USA"
                ism:disseminationControls="NF"
                ism:secondBannerLine="ACPI HVCO"
                ism:handleViaChannels="TALENT KEYHOLE"
                ism:derivativelyClassifiedBy="John Smith"
                ism:derivedFrom="something"
                ism:declassDate="2034-12-31"/>
        </x:context>
        <x:scenario label="SecondBannerLine-HVCO-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be SECRET//NOFORN|ATTORNEY-CLIENT PRIVILEGED INFO/HANDLE VIA TALENT KEYHOLE CHANNELS ONLY"
                test=".='SECRET//NOFORN|ATTORNEY-CLIENT PRIVILEGED INFO/HANDLE VIA TALENT KEYHOLE CHANNELS ONLY'"/>
        </x:scenario>
    </x:scenario>

    <x:scenario label="SecondBannerLine-2">
        <x:context>
            <sampleAttributes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                ism:classification="S"
                ism:ownerProducer="USA"
                ism:secondBannerLine="CUSPI DPPD SSS"/>
        </x:context>
        <x:scenario label="SecondBannerLine-2-ism:banner">
            <x:context mode="ism:banner"/>
            <x:expect label="The banner should be SECRET|CONTENTS INCLUDE US PERSON INFORMATION/DELIBERATIVE PROCESS PRIVILEGED DOCUMENT/SOURCE SELECTION SENSITIVE"
```

```

                                test=".='SECRET|CONTENTS INCLUDE US PERSON INFORMATION/DELIBERATIVE PROCESS PRIVILEGED DOCUMENT/SOURCE SELECTION SENSITIVE'"/>
    </x:scenario>
  </x:scenario>
</x:description>
```