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type="xs:double"/>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="DefectiveDieCount"
type="xs:integer"/>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="DefectiveDieCountRep"
type="xs:integer"/>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="PercentDefectiveDie"
type="xs:double"/>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="EdgeRoughness" type="xs:double"/>
    </xs:sequence>
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        <xs:element name="InspectionArea" type="WindowType"/>
    </xs:sequence>
    <xs:sequence minOccurs="0" maxOccurs="unbounded">
        <xs:element name="InspectionAreaExclude"
type="WindowType"/>
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    <xs:sequence minOccurs="0" maxOccurs="unbounded">
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type="xs:double"/>
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    <xs:sequence minOccurs="0" maxOccurs="unbounded">
        <xs:element name="ScratchInspArea"
type="WindowType"/>
    </xs:sequence>
    <xs:sequence minOccurs="0"
maxOccurs="unbounded">
        <xs:element name="ScratchInspExclude"
type="WindowType"/>
    </xs:sequence>
</xs:sequence>

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  <xs:sequence minOccurs="0" maxOccurs="unbounded">
    <xs:element name="ScratchInspArea"
type="WindowType"/>
    <xs:sequence minOccurs="0"
maxOccurs="unbounded">
      <xs:element name="ScratchInspExclude"
type="WindowType"/>
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  <xs:element name="DefectEquipReqd" type="xs:string"/>
  <xs:sequence minOccurs="0" maxOccurs="unbounded">
    <xs:element name="EquipSiteReqd"
type="xs:string"/>
  </xs:sequence>
  <xs:sequence minOccurs="0">
    <xs:element name="DefectInspModeReqd"
type="xs:string"/>
  </xs:sequence>
  <xs:sequence minOccurs="0">
    <xs:element name="DefectInspPixelSizeReqd"
type="xs:string"/>
  </xs:sequence>
  <xs:sequence minOccurs="0" maxOccurs="unbounded">
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type="xs:string"/>
    <xs:element name="DefectInspSensitivityReqd"
type="xs:string"/>
    <xs:sequence minOccurs="0"
maxOccurs="unbounded">
      <xs:element name="BinSize"
type="xs:string"/>
      <xs:element name="SeverityCriterionReqd"
type="xs:string"/>
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  </xs:sequence>
  <xs:sequence minOccurs="0">
    <xs:element name="DefectSetupFileNameReqd"
type="xs:string"/>
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  <xs:sequence minOccurs="0">
    <xs:element name="DatabaseInspection"
type="DatabaseInspectionType"/>
  </xs:sequence>
  <xs:sequence minOccurs="0">
    <xs:element name="RepairDefinition"
type="RepairDefinitionType"/>
  </xs:sequence>
</xs:sequence>

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        <xs:attribute name="groupName" type="xs:string" use="required"/>
        <xs:attribute name="pl0Start" type="xs:string" use="required"
fixed="StartDefectDefinition"/>
        <xs:attribute name="pl0End" type="xs:string" use="required"
fixed="EndDefectDefinition"/>
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            <xs:sequence minOccurs="0">
                <xs:element name="Price" type="xs:double"/>
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            <xs:sequence minOccurs="0">
                <xs:element name="DatabaseSource" type="xs:string"/>
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                <xs:element name="DatabaseTopCell" type="xs:string"/>
                <xs:element name="DatabaseLayer" type="xs:string"/>
            </xs:sequence>
            <xs:sequence minOccurs="0">
                <xs:element name="DatabaseFileName"
type="xs:string"/>
            </xs:sequence>
            <xs:sequence minOccurs="0">
                <xs:element name="DatabaseUnit" type="xs:string"/>
            </xs:sequence>
            <xs:sequence minOccurs="0">
                <xs:element name="UserUnit" type="xs:string"/>
            </xs:sequence>
            <xs:sequence minOccurs="0">
                <xs:element name="DatabaseWithJob"
type="xs:boolean"/>
            </xs:sequence>
            <xs:sequence minOccurs="0">
                <xs:element name="DatabaseJobName"
type="xs:string"/>
                <xs:element name="DatabaseJobLevel"
type="xs:string"/>
            </xs:sequence>
            </xs:sequence>
            <xs:sequence minOccurs="0" maxOccurs="unbounded">
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            </xs:sequence>
        </xs:sequence>
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fixed="StartDatabaseInspection"/>
        <xs:attribute name="pl0End" type="xs:string" use="required"
fixed="EndDatabaseInspection"/>
    </xs:complexType>
    <xs:complexType name="RepairDefinitionType">
        <xs:sequence>
            <xs:sequence minOccurs="0" maxOccurs="unbounded">
                <xs:element name="RepairEquipReqd" type="xs:string"/>
            </xs:sequence>
            <xs:sequence minOccurs="0" maxOccurs="unbounded">
                <xs:element name="EquipSiteReqd"
type="xs:string"/>
            </xs:sequence>
        </xs:sequence>
    </xs:complexType>

```

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        </xs:sequence>
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fixed="StartRepairDefinition"/>
        <xs:attribute name="p10End" type="xs:string" use="required"
fixed="EndRepairDefinition"/>
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type="xs:string"/>
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            <xs:sequence minOccurs="0">
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type="xs:string"/>
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                    <xs:element name="SurfInspEquipReqd"
type="xs:string"/>
                </xs:sequence>
                <xs:sequence minOccurs="0" maxOccurs="unbounded">
                    <xs:element name="EquipSiteReqd"
type="xs:string"/>
                </xs:sequence>
                <xs:sequence minOccurs="0">
                    <xs:element name="SurfInspModeReqd"
type="xs:string"/>
                </xs:sequence>
                <xs:sequence minOccurs="0">
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type="xs:double"/>
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                    <xs:element name="SurfDefectType"
type="xs:string"/>
                    <xs:element name="SurfInspSensitivityReqd"
type="xs:string"/>
                    <xs:sequence minOccurs="0" maxOccurs="unbounded">
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                        <xs:element name="SeverityCriterionReqd"
type="xs:string"/>
                    </xs:sequence>
                </xs:sequence>
                <xs:sequence minOccurs="0">
                    <xs:element name="SurfInspSetupFileNameReqd"
type="xs:string"/>
                </xs:sequence>
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                    <xs:element name="SurfInspMethod" type="xs:string"/>
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                <xs:sequence minOccurs="0">
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                </xs:sequence>
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        </xs:sequence>
    </xs:complexType>

```

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        <xs:element name="SurfInspPellTop" type="xs:double"/>
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type="xs:double"/>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="SurfInspPellTopOnOpaquePattern"
type="xs:double"/>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="SurfInspPellTopOutsideFrame"
type="xs:double"/>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="SurfInspPellTopOutsideOnOpaque"
type="xs:double"/>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="SurfInspPellTopOutsideMembrane"
type="xs:double"/>
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type="xs:double"/>
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    <xs:sequence minOccurs="0">
        <xs:element name="SurfInspPellTopOutsideOnFrame"
type="xs:double"/>
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    <xs:sequence minOccurs="0">
        <xs:element name="SurfInspPellTopInsideOnFrame"
type="xs:double"/>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="SurfInspPellBottom"
type="xs:double"/>
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    <xs:sequence minOccurs="0">
        <xs:element name="SurfInspGlassSide"
type="xs:double"/>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="SurfInspPatternSide"
type="xs:double"/>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="TransmissionDefectClear"
type="xs:double"/>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="TransmissionDefectDark"
type="xs:double"/>
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</xs:sequence>
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```



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        <xs:attribute name="p10Start" type="xs:string" use="required"
fixed="StartSurfaceDefinition"/>
        <xs:attribute name="p10End" type="xs:string" use="required"
fixed="EndSurfaceDefinition"/>
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                <xs:sequence minOccurs="0" maxOccurs="unbounded">
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                        <xs:element name="SemPhotoSiteId"
type="xs:string"/>
                    </xs:sequence>
                    <xs:sequence minOccurs="0">
                        <xs:element name="SemPhotoLocation"
type="XYType"/>
                    </xs:sequence>
                </xs:sequence>
                <xs:sequence minOccurs="0">
                    <xs:element name="SemPhotoMatrixFilename"
type="xs:string"/>
                </xs:sequence>
                <xs:sequence minOccurs="0">
                    <xs:element name="CdFeature" type="xs:string"/>
                </xs:sequence>
                <xs:sequence minOccurs="0">
                    <xs:element name="CdLocationDrawing"
type="xs:string"/>
                </xs:sequence>
                <xs:sequence minOccurs="0">
                    <xs:element name="CdDrawing" type="xs:string"/>
                </xs:sequence>
                <xs:sequence minOccurs="0">
                    <xs:element name="SemPhotoScale"
type="xs:double"/>
                </xs:sequence>
                <xs:sequence minOccurs="0">
                    <xs:element name="SemPhotoTilt"
type="xs:double"/>
                </xs:sequence>
                <xs:sequence minOccurs="0">
                    <xs:element name="SemPhotoRotation"
type="xs:double"/>
                </xs:sequence>
            </xs:sequence>
        </xs:sequence>
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        <xs:attribute name="p10Start" type="xs:string" use="required"
fixed="StartSemPhoto"/>
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fixed="EndSemPhoto"/>
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        <xs:sequence>
            <xs:sequence minOccurs="0">
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        </xs:sequence>
    </xs:complexType>

```

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        </xs:sequence>
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        <xs:element name="MaskOptions" type="MaskOptionsType"/>
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fixed="StartMaskDefinition"/>
    <xs:attribute name="p10End" type="xs:string" use="required"
fixed="EndMaskDefinition"/>
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type="PatternOptionsType"/>
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        <xs:sequence minOccurs="0" maxOccurs="unbounded">
            <xs:element name="CellInstance"
type="CellInstanceType"/>
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        <xs:sequence minOccurs="0" maxOccurs="unbounded">
            <xs:element name="PatternInstance"
type="PatternInstanceType"/>
        </xs:sequence>
    </xs:sequence>
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    <xs:attribute name="p10Start" type="xs:string" use="required"
fixed="StartCellDefinition"/>
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fixed="EndCellDefinition"/>
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        <xs:sequence minOccurs="0" maxOccurs="unbounded">
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type="PatternDefinitionsType"/>
        </xs:sequence>
    </xs:sequence>
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fixed="StartPatternGroup"/>
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fixed="EndPatternGroup"/>
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```

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type="xs:string"/>
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    <xs:sequence minOccurs="0" maxOccurs="unbounded">
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type="OpcDefinitionType"/>
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type="xs:string"/>
        <xs:sequence minOccurs="0">
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type="xs:string"/>
        </xs:sequence>
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    <xs:sequence minOccurs="0">
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type="xs:string"/>
    </xs:sequence>
    <xs:sequence minOccurs="0">
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type="PatternOptionsType"/>
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    </xs:sequence>
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    <xs:attribute name="p10Start" type="xs:string" use="required"
fixed="StartPatternDefinitions"/>
    <xs:attribute name="p10End" type="xs:string" use="required"
fixed="EndPatternDefinitions"/>
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<xs:complexType name="CellInstanceType">
    <xs:sequence>
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type="PatternOptionsType"/>
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        <xs:sequence minOccurs="0" maxOccurs="unbounded">
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    </xs:sequence>
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fixed="StartCellInstance"/>
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fixed="EndCellInstance"/>
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    <xs:sequence minOccurs="0" maxOccurs="unbounded">
        <xs:element name="Placement" type="PlacementType"/>
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</xs:sequence>
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fixed="StartPatternInstance"/>
    <xs:attribute name="p10End" type="xs:string" use="required"
fixed="EndPatternInstance"/>
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<xs:complexType name="PlacementType">
    <xs:sequence>
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type="XYType"/>
                <xs:element name="SteppingCount"
type="XYType"/>
            </xs:sequence>
        </xs:sequence>
        <xs:sequence minOccurs="0">
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            <xs:element name="ArrayCenter" type="XYType"/>
            <xs:sequence minOccurs="0">
                <xs:element name="ArrayDiameterInclusive"
type="xs:boolean"/>
            </xs:sequence>
        </xs:sequence>
        <xs:sequence minOccurs="0">
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        </xs:sequence>
        <xs:sequence minOccurs="0" maxOccurs="unbounded">
            <xs:element name="Dropout" type="XYType"/>
            <xs:sequence minOccurs="0">
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type="xs:string"/>
                <xs:element name="ScribeInsideCorners"
type="WindowType"/>
                <xs:element name="ScribeOutsideCorners"
type="WindowType"/>
            </xs:sequence>
        </xs:sequence>
        <xs:sequence minOccurs="0">
            <xs:element name="LocationSpec" type="xs:string"/>
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        </xs:sequence>
    </xs:sequence>
    <xs:attribute name="groupName" type="xs:string" use="required"/>
    <xs:attribute name="p10Start" type="xs:string" use="required"
fixed="StartPlacement"/>

```

```

        <xs:attribute name="p10End" type="xs:string" use="required"
fixed="EndPlacement"/>
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        <xs:sequence>
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                <xs:element name="DataChecksumType"
type="xs:string"/>
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                <xs:element name="ScaleFactor" type="xs:string"/>
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            <xs:sequence minOccurs="0">
                <xs:element name="DigitizedDataDark"
type="xs:boolean"/>
            </xs:sequence>
            <xs:sequence minOccurs="0">
                <xs:element name="StripeHeight" type="xs:double"/>
            </xs:sequence>
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type="XYType"/>
            </xs:sequence>
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                <xs:element name="MfgBiasPreapplied"
type="xs:string"/>
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            <xs:sequence minOccurs="0" maxOccurs="unbounded">
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            </xs:sequence>
            <xs:sequence minOccurs="0">
                <xs:element name="VirtualAddress" type="xs:boolean"/>
            </xs:sequence>
            <xs:sequence minOccurs="0">
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type="xs:double"/>
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        <xs:sequence minOccurs="0">
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type="xs:boolean"/>
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type="RegistrationType"/>
        </xs:sequence>
        <xs:sequence minOccurs="0" maxOccurs="unbounded">
            <xs:element name="CdGroup" type="CdGroupType"/>
        </xs:sequence>
        <xs:sequence minOccurs="0" maxOccurs="unbounded">
            <xs:element name="CdSet" type="CdSetType"/>
        </xs:sequence>
        <xs:sequence minOccurs="0" maxOccurs="unbounded">
            <xs:element name="CdXyDefinition"
type="CdXyDefinitionType"/>
        </xs:sequence>
        <xs:sequence minOccurs="0" maxOccurs="unbounded">
            <xs:element name="CdIsoDenseDefinition"
type="CdIsoDenseDefinitionType"/>
        </xs:sequence>
        <xs:sequence minOccurs="0">
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        </xs:sequence>
        <xs:sequence minOccurs="0">
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type="xs:boolean"/>
        </xs:sequence>
        <xs:sequence minOccurs="0" maxOccurs="unbounded">
            <xs:element name="DefectDefinition"
type="DefectDefinitionType"/>
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        <xs:sequence minOccurs="0">
            <xs:element name="ButtingError" type="xs:double"/>
        </xs:sequence>
        <xs:sequence minOccurs="0">
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type="xs:string"/>
        </xs:sequence>
    </xs:sequence>
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    <xs:attribute name="p10Start" type="xs:string" use="required"
fixed="StartPatternOptions"/>
    <xs:attribute name="p10End" type="xs:string" use="required"
fixed="EndPatternOptions"/>
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```

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type="xs:boolean"/>
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    <xs:sequence minOccurs="0">
        <xs:element name="ShipTo" type="ShipToType"/>
    </xs:sequence>
</xs:sequence>
<xs:sequence minOccurs="0">
    <xs:element name="SendFinalAuditDateTime"
type="xs:boolean"/>
    <xs:sequence minOccurs="0">
        <xs:element name="ShipTo" type="ShipToType"/>
    </xs:sequence>
</xs:sequence>
<xs:sequence minOccurs="0">
    <xs:element name="ShipCdData" type="xs:boolean"/>
    <xs:sequence minOccurs="0">
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    </xs:sequence>
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<xs:sequence minOccurs="0">
    <xs:element name="ShipCdPrintout" type="xs:boolean"/>
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        <xs:element name="ShipTo" type="ShipToType"/>
    </xs:sequence>
</xs:sequence>
<xs:sequence minOccurs="0">
    <xs:element name="ShipCdUniformityMap"
type="xs:boolean"/>
    <xs:sequence minOccurs="0">
        <xs:element name="ShipTo" type="ShipToType"/>
    </xs:sequence>
</xs:sequence>
<xs:sequence minOccurs="0">
    <xs:element name="ShipAimData" type="xs:boolean"/>
    <xs:sequence minOccurs="0">
        <xs:element name="ShipTo" type="ShipToType"/>
    </xs:sequence>
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</xs:sequence>
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type="xs:boolean"/>
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</xs:sequence>
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type="xs:boolean"/>
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```

```

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type="xs:boolean"/>
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type="xs:string"/>
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</xs:sequence>
<xs:sequence minOccurs="0">
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  <xs:sequence minOccurs="0">
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  </xs:sequence>
</xs:sequence>
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  <xs:element name="ShipFirstRotPrepellDieDieMap"
type="xs:boolean"/>
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<xs:sequence minOccurs="0">
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  <xs:element name="ShipFinalPrepellDieDbPtnMap"
type="xs:boolean"/>
  <xs:sequence minOccurs="0">
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  </xs:sequence>
</xs:sequence>
<xs:sequence minOccurs="0">
  <xs:element name="ShipFinalPrepellDieDieMap"
type="xs:boolean"/>

```



```

        <xs:sequence minOccurs="0">
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            <xs:element name="ShipTo" type="ShipToType"/>
        </xs:sequence>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="ShipFirstPostpellDieDbMskMap"
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            <xs:element name="ShipTo" type="ShipToType"/>
        </xs:sequence>
    </xs:sequence>
    <xs:sequence minOccurs="0">
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type="xs:boolean"/>
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            <xs:element name="ShipTo" type="ShipToType"/>
        </xs:sequence>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="ShipFirstPostpellDieDieMap"
type="xs:boolean"/>
        <xs:sequence minOccurs="0">
            <xs:element name="ShipTo" type="ShipToType"/>
        </xs:sequence>
    </xs:sequence>
    <xs:sequence minOccurs="0">
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type="xs:boolean"/>
        <xs:sequence minOccurs="0">
            <xs:element name="ShipTo" type="ShipToType"/>
        </xs:sequence>
    </xs:sequence>
    <xs:sequence minOccurs="0">
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    <xs:sequence minOccurs="0">
        <xs:element name="ShipFinalPostpellDieDieMap"
type="xs:boolean"/>
        <xs:sequence minOccurs="0">

```

```

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    </xs:sequence>
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type="xs:boolean"/>
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    </xs:sequence>
</xs:sequence>
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type="xs:boolean"/>
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    </xs:sequence>
</xs:sequence>
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type="xs:boolean"/>
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    </xs:sequence>
</xs:sequence>
<xs:sequence minOccurs="0">
    <xs:element name="ShipDieFitMap" type="xs:boolean"/>
    <xs:sequence minOccurs="0">
        <xs:element name="ShipTo" type="ShipToType"/>
    </xs:sequence>
</xs:sequence>
<xs:sequence minOccurs="0">
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type="xs:boolean"/>
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    </xs:sequence>
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type="xs:boolean"/>
    <xs:sequence minOccurs="0">
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</xs:sequence>

```

```

        <xs:sequence minOccurs="0">
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type="xs:boolean"/>
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                <xs:element name="ShipTo" type="ShipToType"/>
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        </xs:sequence>
        <xs:sequence minOccurs="0">
            <xs:element name="ShipCentralityMap"
type="xs:boolean"/>
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                <xs:element name="ShipTo" type="ShipToType"/>
            </xs:sequence>
        </xs:sequence>
        <xs:sequence minOccurs="0">
            <xs:element name="ShipSurfInspMeasurements"
type="xs:boolean"/>
            <xs:sequence minOccurs="0">
                <xs:element name="ShipTo" type="ShipToType"/>
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        <xs:sequence minOccurs="0">
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type="xs:boolean"/>
            <xs:sequence minOccurs="0">
                <xs:element name="ShipTo" type="ShipToType"/>
            </xs:sequence>
        </xs:sequence>
        <xs:sequence minOccurs="0">
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type="xs:boolean"/>
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                <xs:element name="ShipTo" type="ShipToType"/>
            </xs:sequence>
        </xs:sequence>
        <xs:sequence minOccurs="0">
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type="xs:boolean"/>
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                <xs:element name="ShipTo" type="ShipToType"/>
            </xs:sequence>
        </xs:sequence>
        <xs:sequence minOccurs="0">
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type="xs:boolean"/>
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                <xs:element name="ShipTo" type="ShipToType"/>
            </xs:sequence>
        </xs:sequence>
        <xs:sequence minOccurs="0">
            <xs:element name="ShipSurfInspPatternSideMap"
type="xs:boolean"/>
            <xs:sequence minOccurs="0">
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            </xs:sequence>
        </xs:sequence>
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```

```

        <xs:element name="ShipStarlightMap"
type="xs:boolean"/>
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        </xs:sequence>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="ShipPhaseShiftMeasurements"
type="xs:boolean"/>
        <xs:sequence minOccurs="0">
            <xs:element name="ShipTo" type="ShipToType"/>
        </xs:sequence>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="ShipPhaseShiftReport"
type="xs:boolean"/>
        <xs:sequence minOccurs="0">
            <xs:element name="ShipTo" type="ShipToType"/>
        </xs:sequence>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="ShipSemPhotos" type="xs:boolean"/>
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            <xs:element name="ShipTo" type="ShipToType"/>
        </xs:sequence>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="ShipBarcodePlot"
type="xs:boolean"/>
        <xs:sequence minOccurs="0">
            <xs:element name="ShipTo" type="ShipToType"/>
        </xs:sequence>
    </xs:sequence>
    <xs:sequence minOccurs="0" maxOccurs="unbounded">
        <xs:element name="Films" type="FilmsType"/>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="ShipCertificateOfConformance"
type="xs:boolean"/>
        <xs:sequence minOccurs="0">
            <xs:element name="ShipTo" type="ShipToType"/>
        </xs:sequence>
    </xs:sequence>
    <xs:sequence minOccurs="0" maxOccurs="unbounded">
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type="xs:string"/>
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            <xs:element name="ShipTo" type="ShipToType"/>
        </xs:sequence>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="ShipTraveler" type="xs:boolean"/>
        <xs:sequence minOccurs="0">
            <xs:element name="ShipTo" type="ShipToType"/>
        </xs:sequence>
    </xs:sequence>
    <xs:sequence minOccurs="0">

```

```

        <xs:element name="PercentClearRequested"
type="xs:boolean"/>
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    </xs:sequence>
    <xs:sequence minOccurs="0" maxOccurs="unbounded">
        <xs:element name="ShipSpecialRequest"
type="xs:string"/>
        <xs:sequence minOccurs="0">
            <xs:element name="ShipTo" type="ShipToType"/>
        </xs:sequence>
    </xs:sequence>
    <xs:attribute name="groupName" type="xs:string" use="required"/>
    <xs:attribute name="p10Start" type="xs:string" use="required"
fixed="StartShippableData"/>
    <xs:attribute name="p10End" type="xs:string" use="required"
fixed="EndShippableData"/>
</xs:complexType>
<xs:complexType name="ShipToType">
    <xs:sequence>
        <xs:sequence minOccurs="0" maxOccurs="unbounded">
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        </xs:sequence>
        <xs:sequence minOccurs="0">
            <xs:element name="FtpAddress" type="FtpAddressType"/>
        </xs:sequence>
        <xs:sequence minOccurs="0">
            <xs:element name="WebAddress" type="xs:string"/>
        </xs:sequence>
        <xs:sequence minOccurs="0" maxOccurs="unbounded">
            <xs:element name="MailingAddress" type="xs:string"/>
        </xs:sequence>
        <xs:sequence minOccurs="0">
            <xs:element name="ShipToFax" type="xs:string"/>
        </xs:sequence>
        <xs:sequence minOccurs="0">
            <xs:element name="DueDateTimeRequested"
type="xs:dateTime"/>
        </xs:sequence>
    </xs:sequence>
    <xs:attribute name="groupName" type="xs:string" use="required"/>
    <xs:attribute name="p10Start" type="xs:string" use="required"
fixed="StartShipTo"/>
    <xs:attribute name="p10End" type="xs:string" use="required"
fixed="EndShipTo"/>
</xs:complexType>
<xs:complexType name="FtpAddressType">
    <xs:sequence>
        <xs:sequence minOccurs="0">
            <xs:element name="FtpLogin" type="xs:string"/>
        </xs:sequence>
        <xs:sequence minOccurs="0">
            <xs:element name="FtpPassword" type="xs:string"/>
        </xs:sequence>
    </xs:sequence>
    <xs:sequence minOccurs="0">

```

```

        <xs:element name="FtpDirectory" type="xs:string"/>
    </xs:sequence>
    <xs:sequence minOccurs="0">
        <xs:element name="FtpMode" type="xs:string"/>
    </xs:sequence>
</xs:sequence>
</xs:complexType>
<xs:complexType name="WindowType">
    <xs:sequence>
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        <xs:element name="Y1" type="xs:double"/>
        <xs:element name="X2" type="xs:double"/>
        <xs:element name="Y2" type="xs:double"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="XYRType">
    <xs:sequence>
        <xs:element name="X" type="xs:double"/>
        <xs:element name="Y" type="xs:double"/>
        <xs:element name="R" type="xs:double"/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="XYType">
    <xs:sequence>
        <xs:element name="X" type="xs:double"/>
        <xs:element name="Y" type="xs:double"/>
    </xs:sequence>
</xs:complexType>
</xs:schema>

```

7.7 Mask Results Data Structure Syntax in Extensible Markup Language (XML) Format — The following file defines the Mask Results Data Structure Syntax (above) in Extensible Markup Language Schema Definition (XSD) format. Should the user choose to implement the mask results data file in Extensible Markup Language (XML), the file must validate against this XSD. For optimal viewing, paste the text into a program designed to read XML such as an internet browser. The content of both versions of representation of mask results data should be entirely equivalent. Since the XML schema is derived directly from the Mask Results Data Structure Syntax, in the event of a discrepancy between the two, the Data Structure Syntax should be considered to be the more correct. An aid to understanding this structure is attached under RELATED INFORMATION as SEMI PHOTOMASK MASK RESULTS STRUCTURE TREE DIAGRAM.

```

<?xml version="1.0" encoding="UTF-8" ?>
- <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
  version="P10-0705">
  <xs:element name="MaskResults" type="MaskResultType" />
- <xs:complexType name="MaskResultType">
  - <xs:sequence>
    <xs:element name="SemiRevision" type="xs:string" />
    <xs:element name="Customer" type="xs:string" />
    <xs:element name="Vendor" type="xs:string" />
    <xs:element name="FileDateTime" type="xs:dateTime" />
    <xs:element name="OperatorName" type="xs:string"
      minOccurs="0" />
  - <xs:element name="MaskSetId">

```

```

- <xs:complexType>
  - <xs:sequence>
    <xs:element name="VendorInfo"
      type="VendorInfoType" minOccurs="0" />
    <xs:element name="OrderId" type="xs:string"
      minOccurs="0" />
    <xs:element name="MaskSetName"
      type="xs:string" minOccurs="0" />
    <xs:element name="MaskSetVersion"
      type="xs:string" minOccurs="0" />
  - <xs:element name="MaskGroupId"
      maxOccurs="unbounded">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element name="VendorInfo"
          type="VendorInfoType"
          minOccurs="0" />
        - <xs:element name="MaskId"
            maxOccurs="unbounded">
          - <xs:complexType>
            - <xs:sequence>
              <xs:element
                name="MaskResultsOptions"
                type="MaskResultsOptionsType" />
            </xs:sequence>
            <xs:attribute
              name="groupName"
              type="xs:string"
              use="required" />
            <xs:attribute
              name="p10Start"
              type="xs:string"
              use="required"
              fixed="MaskId" />
            <xs:attribute
              name="p10End"
              type="xs:string"
              use="required"
              fixed="EndMask" />
            </xs:complexType>
          </xs:element>
        </xs:sequence>
        <xs:attribute name="groupName"
          type="xs:string" use="required" />
        <xs:attribute name="p10Start"
          type="xs:string" use="required"
          fixed="MaskGroupId" />

```

```

        <xs:attribute name="p10End"
            type="xs:string" use="required"
            fixed="EndMaskGroup" />
    </xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="groupName" type="xs:string"
    use="required" />
<xs:attribute name="p10Start" type="xs:string"
    use="required" fixed="MaskSetId" />
<xs:attribute name="p10End" type="xs:string"
    use="required" fixed="EndMaskSet" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="groupName" type="xs:string"
    use="required" />
<xs:attribute name="p10Start" type="xs:string" use="required"
    fixed="StartMaskResults" />
<xs:attribute name="p10End" type="xs:string" use="required"
    fixed="EndMaskResults" />
</xs:complexType>
- <xs:complexType name="MaskResultsOptionsType">
    - <xs:sequence>
        <xs:element name="Status" type="xs:string" minOccurs="0"
            />
        <xs:element name="VendorInfo" type="VendorInfoType"
            minOccurs="0" />
        <xs:element name="BillingInformation"
            type="BillingInformationType" minOccurs="0" />
        <xs:element name="MaterialsUsed"
            type="MaterialsUsedType" minOccurs="0" />
        <xs:element name="MfgSiteReqd" type="xs:string"
            minOccurs="0" maxOccurs="unbounded" />
        <xs:element name="MfgSiteUsed" type="xs:string"
            minOccurs="0" />
        <xs:element name="ProductType" type="xs:string" />
        <xs:element name="ProductMagnification" type="xs:string"
            />
        <xs:element name="MaskName" type="xs:string"
            minOccurs="0" />
    - <xs:sequence minOccurs="0" maxOccurs="unbounded">
        <xs:element name="TitleText" type="xs:string" />
        <xs:element name="TitleType" type="xs:string"
            minOccurs="0" />
    </xs:sequence>
    <xs:element name="DueDateTimeCommitted"
        type="xs:dateTime" minOccurs="0" />
    <xs:element name="ElapsedTimeCommitted"
        type="xs:integer" minOccurs="0" />

```



```

- <xs:sequence minOccurs="0">
  <xs:element name="Milestone" type="xs:string" />
  <xs:element name="AdditionalMilestoneInfo"
    type="xs:string" minOccurs="0" />
</xs:sequence>
- <xs:sequence minOccurs="0">
  <xs:element name="PeriodicUpdate" type="xs:string" />
  <xs:element name="AdditionalMilestoneInfo"
    type="xs:string" minOccurs="0" />
</xs:sequence>
- <xs:sequence minOccurs="0">
  <xs:element name="EstimatedArrival" type="xs:string"
    />
  <xs:element name="AdditionalMilestoneInfo"
    type="xs:string" minOccurs="0" />
</xs:sequence>
<xs:element name="MaskShippedDateTime"
  type="xs:dateTime" minOccurs="0" />
<xs:element name="FinalAuditDateTime"
  type="xs:dateTime" minOccurs="0" />
<xs:element name="DesignRule" type="xs:double"
  minOccurs="0" />
- <xs:sequence minOccurs="0">
  - <xs:element name="WaferExposureData">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element
          name="WaferExposureNumericalAperat
            ure" type="xs:double" />
        <xs:element name="WaferExposureSigma"
          type="xs:double" minOccurs="0" />
        - <xs:sequence minOccurs="0">
          <xs:element
            name="WaferExposureSigmaInner"
            type="xs:double" />
          <xs:element
            name="WaferExposureSigmaOuter"
            type="xs:double" />
        </xs:sequence>
        <xs:element
          name="WaferExposureIllumination"
          type="xs:string" />
        </xs:sequence>
        <xs:attribute name="groupName"
          type="xs:string" use="required" />
        <xs:attribute name="p10Start" type="xs:string"
          use="required"
          fixed="StartWaferExposureData" />
        <xs:attribute name="p10End" type="xs:string"
          use="required"
          fixed="EndWaferExposureData" />
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:sequence>

```

```

    </xs:complexType>
  </xs:element>
- <xs:element name="AerialImageData">
  - <xs:complexType>
    - <xs:sequence>
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        type="xs:double" />
      <xs:element
        name="AimIntensityVariationDelta"
        type="xs:double" minOccurs="0" />
      <xs:element
        name="AimFluxIntensityDelta"
        type="xs:double" minOccurs="0" />
      <xs:element name="AimCdDelta"
        type="xs:double" minOccurs="0" />
    </xs:sequence>
    <xs:attribute name="groupName"
      type="xs:string" use="required" />
    <xs:attribute name="p10Start" type="xs:string"
      use="required"
      fixed="StartAerialImageData" />
    <xs:attribute name="p10End" type="xs:string"
      use="required" fixed="EndAerialImageData"
      />
  </xs:complexType>
</xs:element>
</xs:sequence>
<xs:element name="FabTechnology" type="xs:string"
  minOccurs="0" />
<xs:element name="WaferFab" type="xs:string"
  minOccurs="0" />
<xs:element name="JobOnlyApproved" type="xs:dateTime"
  minOccurs="0" />
<xs:element name="JobWithPatternsApproved"
  type="xs:dateTime" minOccurs="0" />
- <xs:element name="PatternApproved" minOccurs="0">
  - <xs:complexType>
    - <xs:complexContent>
      - <xs:extension base="DateNameType">
        <xs:attribute name="p10MultiValue"
          use="required" fixed="2" />
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
</xs:element>
<xs:element name="AllPatternsApproved"
  type="xs:dateTime" minOccurs="0" />
<xs:element name="ApprovalGranted" type="xs:boolean"
  minOccurs="0" />

```

```

<xs:element name="MirrorMask" type="xs:boolean"
  minOccurs="0" />
<xs:element name="MaskRotation" type="xs:string"
  minOccurs="0" />
- <xs:sequence minOccurs="0">
  <xs:element name="CustomerSpec" type="xs:string" />
  <xs:element name="CustomerSpecRevision"
    type="xs:string" />
</xs:sequence>
<xs:element name="Waiver" type="xs:string" minOccurs="0"
  maxOccurs="unbounded" />
<xs:element name="WaiverOverride" type="xs:string"
  minOccurs="0" maxOccurs="unbounded" />
- <xs:sequence minOccurs="0" maxOccurs="unbounded">
  <xs:element name="BarcodeType" type="xs:string"
    minOccurs="0" />
  <xs:element name="BarcodeText" type="xs:string" />
  <xs:element name="BarcodeRotation" type="xs:string"
    />
</xs:sequence>
<xs:element name="ShippingMethodUsed" type="xs:string"
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- <xs:element name="Centrality" minOccurs="0">
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- <xs:element name="MeasuredCentrality" minOccurs="0">
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  maxOccurs="unbounded" />
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<xs:element name="CdIsoDenseResults"
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  maxOccurs="unbounded" />
<xs:element name="DefectMeasurements"
  type="DefectMeasurementsType" minOccurs="0"
  maxOccurs="unbounded" />
- <xs:element name="ThroughPellicleDefects" minOccurs="0"
  maxOccurs="unbounded">
  - <xs:complexType>
    - <xs:complexContent>
      <xs:extension
        base="DefectMeasurementsType" />
    </xs:complexContent>
  </xs:complexType>
</xs:element>
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<xs:element name="FinalQcAuditor" type="xs:string"
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- <xs:complexType name="VendorInfoType">

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- <xs:sequence>
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  <xs:element name="VendorAddress" type="xs:string"
    maxOccurs="unbounded" />
  <xs:element name="VendorFax" type="xs:string"
    minOccurs="0" />
  <xs:element name="VendorEmail" type="xs:string"
    minOccurs="0" />
  <xs:element name="FinalQcAuditor" type="xs:string"
    minOccurs="0" />
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    minOccurs="0" />
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    fixed="EndVendorInfo" />
</xs:complexType>
- <xs:complexType name="BillingInformationType">
  - <xs:sequence>
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      minOccurs="0" />
    <xs:element name="PoNumber" type="xs:string"
      minOccurs="0" />
    <xs:element name="SoNumber" type="xs:string"
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    fixed="EndBillingInformation" />
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- <xs:complexType name="MaterialsUsedType">
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    <xs:element name="BottomPellicleUsed" type="xs:string"
      minOccurs="0" />
    <xs:element name="PackageUsed" type="xs:string"
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      minOccurs="0" />

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    fixed="EndMaterialsUsed" />
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- <xs:complexType name="SubstrateType">
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    <xs:element name="BlankType" type="xs:string" />
    <xs:element name="BlankGrade" type="xs:string"
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    <xs:element name="BlankFlatness" type="xs:double"
      minOccurs="0" />
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      minOccurs="0" />
    <xs:element name="BlankVendor" type="xs:string"
      minOccurs="0" />
    <xs:element name="BlankBirefringenceReqd"
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    <xs:element name="BlankBirefringenceUsed"
      type="xs:double" minOccurs="0" />
    <xs:element name="Coating" type="CoatingType"
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    <xs:element name="BlankIndexOfRefraction"
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    <xs:element name="BlankLot" type="xs:string"
      minOccurs="0" />
    <xs:element name="BlankDateOfMfg" type="xs:dateTime"
      minOccurs="0" />
    <xs:element name="EuvBlankType"
      type="EuvBlankTypeType" minOccurs="0" />
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  <xs:attribute name="p10Start" type="xs:string" use="required"
    fixed="StartSubstrate" />
  <xs:attribute name="p10End" type="xs:string" use="required"
    fixed="EndSubstrate" />
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- <xs:complexType name="CoatingType">
  - <xs:sequence>
    - <xs:element name="CoatingType">
      - <xs:simpleType>
        - <xs:restriction base="xs:string">

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        <xs:enumeration value="CHROME" />
        <xs:enumeration value="RESIST" />
        <xs:enumeration value="ATTENUATOR" />
    </xs:restriction>
</xs:simpleType>
</xs:element>
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<xs:element name="CoatingReflectance" type="xs:double"
    minOccurs="0" />
<xs:element name="CoatingTransmittance"
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    minOccurs="0" />
<xs:element name="CoatingGrade" type="xs:string"
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    minOccurs="0" />
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    type="xs:double" minOccurs="0" />
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    minOccurs="0" />
<xs:element name="CoatingDateTime" type="xs:dateTime"
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    minOccurs="0" />
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    fixed="StartCoating" />
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    fixed="EndCoating" />
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- <xs:complexType name="EuvBlankTypeType">
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        <xs:element name="EuvFlatnessBack" type="xs:string" />
        <xs:element name="EuvMultilayerComposition"
            type="xs:string" />
        <xs:element name="EuvCappingComposition"
            type="xs:string" />
        <xs:element name="EuvMmrWavelength" type="xs:string"
            />
    
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<xs:element name="EuvMeanPeakReflectivity"
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<xs:element name="EuvPeakReflectivityUniformity"
  type="xs:string" />
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  type="xs:string" />
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  type="xs:string" />
<xs:element name="EuvBlankResistance" type="xs:string"
  />
<xs:element name="EuvExpansionCoeff" type="xs:string" />
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      minOccurs="0" />
    - <xs:sequence minOccurs="0">
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        type="xs:string" />
      <xs:element name="WaferExposureSigmaOuter"
        type="xs:string" />
    </xs:sequence>
    <xs:element name="WaferExposureIllumination"
      type="xs:string" />
  </xs:sequence>
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  <xs:attribute name="p10Start" type="xs:string" use="required"
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  <xs:attribute name="p10End" type="xs:string" use="required"
    fixed="EndWaferExposureData" />
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- <xs:complexType name="AerialImageData">
  - <xs:sequence>
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    <xs:element name="AimFluxIntensityDelta"
      type="xs:double" />
    <xs:element name="AimCdDelta" type="xs:double" />
  </xs:sequence>

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<xs:attribute name="p10Start" type="xs:string" use="required"
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        minOccurs="0" maxOccurs="unbounded" />
    - <xs:sequence minOccurs="0" maxOccurs="unbounded">
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        maxOccurs="unbounded" />
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  </xs:sequence>
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  <xs:element name="LithoModelUsed" type="xs:string"
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    minOccurs="0" />
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- <xs:sequence>
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  <xs:element name="RegistrMeasurements"
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    maxOccurs="unbounded" />
  <xs:element name="ClosureMeasurements"
    type="ClosureMeasurementsType" minOccurs="0"
    maxOccurs="unbounded" />
  <xs:element name="CdGroupMeasurements"
    type="CdGroupMeasurementsType" minOccurs="0"
    maxOccurs="unbounded" />
  <xs:element name="CdSetResults" type="CdSetResultsType"
    minOccurs="0" maxOccurs="unbounded" />
  <xs:element name="CdXyResults" type="CdXyResultsType"
    minOccurs="0" maxOccurs="unbounded" />
  <xs:element name="CdIsoDenseResults"
    type="CdIsoDenseResultsType" minOccurs="0"
    maxOccurs="unbounded" />
  <xs:element name="DefectMeasurements"
    type="DefectMeasurementsType" minOccurs="0"
    maxOccurs="unbounded" />
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  fixed="EndPatternGroupResults" />
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  - <xs:element name="TransmissionMeasurements"
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        <xs:element name="TransmissionModeUsed"
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          type="xs:string" minOccurs="0" />

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<xs:element name="TransmissionTolerance"
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  type="xs:double" minOccurs="0" />
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  type="xs:double" minOccurs="0" />
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  name="MeasuredTransmissionAverage"
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  name="MeasuredTransmissionTolerance"
  type="xs:double" minOccurs="0" />
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  name="MeasuredTransmissionRange"
  type="xs:double" minOccurs="0" />
<xs:element name="TransmissionMarkFeature"
  type="xs:string" minOccurs="0" />
<xs:element
  name="TransmissionMarkLocationDrawing"
  type="xs:string" minOccurs="0" />
<xs:element
  name="TransmissionMarkDrawing"
  type="xs:string" minOccurs="0" />
- <xs:element
  name="MeasuredTransmissionMarkSiteId"
  maxOccurs="unbounded">
  - <xs:complexType>
    - <xs:sequence minOccurs="0">
      - <xs:element
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        use="required" fixed="2"
        />
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  </xs:element>

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            - <xs:complexContent>
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                    pe">
                    <xs:attribute
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                        ultiValue"
                        type="xs:inte
                        ger"
                        use="require
                        d" fixed="2"
                    />
                </xs:extension>
            </xs:complexContent>
        </xs:complexType>
    </xs:element>
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    type="xs:string" use="required"
    fixed="MeasuredTransmissionMark
    SiteId" />
<xs:attribute name="p10End"
    type="xs:string" use="required"
    fixed="EndMeasuredTransmissionSi
    te" />
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</xs:sequence>
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<xs:attribute name="p10Start" type="xs:string"
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    fixed="StartTransmissionMeasurements" />
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    use="required"
    fixed="EndTransmissionMeasurements" />

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- <xs:sequence>
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    type="xs:string" minOccurs="0" />
  <xs:element name="PhaseAngleModeUsed"
    type="xs:string" minOccurs="0" />
  <xs:element
    name="PhaseAngleMeasurementFileName"
    type="xs:string" minOccurs="0" />
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  <xs:element
    name="PhaseAngleReferenceOnly"
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    name="MeasuredPhaseAngleRange"
    type="xs:double" minOccurs="0" />
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  <xs:element
    name="PhaseAngleMarkLocationDrawing"
    type="xs:string" minOccurs="0" />
  <xs:element name="PhaseAngleMarkDrawing"
    type="xs:string" minOccurs="0" />
- <xs:element
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  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence minOccurs="0">
- <xs:element
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on">

```

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- <xs:complexType>
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        use="required"
        fixed="2"
      />
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</xs:complexType>
</xs:element>
- <xs:element
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  - <xs:complexType>
    - <xs:complexContent>
      - <xs:extension
        base="XYCoordType"
        >
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          type="xs:integer"
          use="required"
          fixed="2"
        />
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    </xs:complexContent>
  </xs:complexType>
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  type="xs:double" />
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  type="xs:string" use="required"
  fixed="MeasuredPhaseAngleMarkSiteId" />

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        <xs:attribute name="p10End"
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            fixed="EndMeasuredPhaseAngleSit
            e" />
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    use="required"
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- <xs:complexType>
- <xs:sequence>
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        type="xs:double" minOccurs="0" />
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        name="MeasuredEtchDepthTolerance"
        type="xs:double" minOccurs="0" />
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        name="MeasuredEtchDepthRange"
        type="xs:double" minOccurs="0" />

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```

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<xs:element
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  type="xs:string" minOccurs="0" />
<xs:element name="EtchDepthMarkDrawing"
  type="xs:string" minOccurs="0" />
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  - <xs:sequence minOccurs="0">
    - <xs:element
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      n">
    - <xs:complexType>
      - <xs:complexContent>
        - <xs:extension
          base="XYCoordTy
          pe">
          <xs:attribute
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            ultiValue"
            type="xs:inte
            ger"
            use="require
            d" fixed="2"
            />
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
  </xs:element>
- <xs:element
  name="MeasuredEtchDepthMa
  rkLocation">
- <xs:complexType>
  - <xs:complexContent>
    - <xs:extension
      base="XYCoordTy
      pe">
      <xs:attribute
        name="p10M
        ultiValue"
        type="xs:inte
        ger"
        use="require
        d" fixed="2"
        />
    </xs:extension>
  </xs:complexContent>
</xs:complexType>

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        </xs:element>
        <xs:element
            name="MeasuredEtchDepth"
            type="xs:double" />
        <xs:element
            name="MeasuredEtchDepthErr
            or" type="xs:double"
            minOccurs="0" />
    </xs:sequence>
    <xs:attribute name="groupName"
        type="xs:string" use="required" />
    <xs:attribute name="p10Start"
        type="xs:string" use="required"
        fixed="MeasuredEtchDepthMarkSit
        eld" />
    <xs:attribute name="p10End"
        type="xs:string" use="required"
        fixed="EndMeasuredEtchDepthSite"
        />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="groupName" type="xs:string"
    use="required" />
<xs:attribute name="p10Start" type="xs:string"
    use="required"
    fixed="StartEtchDepthMeasurements" />
<xs:attribute name="p10End" type="xs:string"
    use="required"
    fixed="EndEtchDepthMeasurements" />
</xs:complexType>
</xs:element>
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    minOccurs="0" />
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    <xs:attribute name="groupName" type="xs:string"
        use="required" />
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        fixed="StartPhaseShiftMeasurements" />
    <xs:attribute name="p10End" type="xs:string" use="required"
        fixed="EndPhaseShiftMeasurements" />
</xs:complexType>
- <xs:complexType name="RegistrMeasurementsType">
    - <xs:sequence minOccurs="0" maxOccurs="unbounded">
        <xs:element name="RegistrQualityId" type="xs:string"
            minOccurs="0" />
        <xs:element name="RegistrEquipReqd" type="xs:string"
            minOccurs="0" maxOccurs="unbounded" />
        <xs:element name="EquipSiteReqd" type="xs:string"
            minOccurs="0" maxOccurs="unbounded" />

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<xs:element name="RegistrRefMethodReqd"
  type="xs:string" minOccurs="0" maxOccurs="unbounded"
  />
<xs:element name="RegistrStdGrid" type="xs:string"
  minOccurs="0" />
<xs:element name="RegistrAlgorithm" type="xs:string"
  minOccurs="0" />
<xs:element name="RegistrCompensationTemperature"
  type="xs:double" minOccurs="0" />
<xs:element name="RegistrEquipUsed" type="xs:string"
  minOccurs="0" />
<xs:element name="EquipSiteUsed" type="xs:string"
  minOccurs="0" />
<xs:element name="RegistrRefMethodUsed"
  type="xs:string" minOccurs="0" />
<xs:element name="RegistrStdGridUsed" type="xs:string"
  minOccurs="0" />
<xs:element name="RegistrAlgorithmUsed" type="xs:string"
  minOccurs="0" />
<xs:element name="RegistrMeasurementDate"
  type="xs:dateTime" minOccurs="0" />
- <xs:sequence minOccurs="0">
  <xs:element name="RegistrRefMaskId" type="xs:string"
    />
  <xs:element name="RegistrRefMaskSetId"
    type="xs:string" />
</xs:sequence>
<xs:element name="RegistrError" type="xs:double"
  minOccurs="0" />
- <xs:sequence minOccurs="0">
  - <xs:element name="RegistrScale">
    - <xs:complexType>
      - <xs:complexContent>
        - <xs:extension base="XYCoordType">
          <xs:attribute name="p10MultiValue"
            type="xs:integer" use="required"
            fixed="2" />
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
  </xs:element>
  <xs:element name="RegistrScaleReferenceOnly"
    type="xs:boolean" minOccurs="0" />
</xs:sequence>
- <xs:sequence minOccurs="0">
  - <xs:element name="RegistrResidual">
    - <xs:complexType>
      - <xs:complexContent>
        - <xs:extension base="XYCoordType">

```