Cambios realizados en el XML Esquema.

Cabecera

Hubo que añadir una cabecera para declarar el documento xsd.

```
ks:schema xmlns:xs="http://www.w3.org/2001/XMLSchema
  targetNamespace="http://www.uniovi.es'
  xmlns="http://www.uniovi.es'
  elementFormDefault="qualified">
  <xs:element name="circuitoEsquema">
              <xs:element name="circuit">
                         <xs:element ref="date" />
                         <xs:element ref="location" />
                          <xs:element ref="length" />
                          <xs:element ref="width" />
                          <xs:element ref="references" />
                          <xs:element ref="fotos" />
                          <xs:element ref="videos" />
                          <xs:element ref="coordinates" />
                          <xs:element ref="sections" />
                      <xs:attribute name="name" type="xs:string" use="required" />
                      <xs:attribute name="numberLaps" type="positiveInt-type" use="required"</pre>
```

Cambios de datos

Circuit:

- Length: xs:string -> positiveDecimal-type
- Width: xs:string -> positiveDecimal-type
- NumberLaps: xs:string -<positiveInt-type

```
<xs:attribute name="name" type="xs:string" use="required" />
<xs:attribute name="length" type="xs:string" use="required" />
<xs:attribute name="width" type="xs:string" use="required" />
<xs:attribute name="numberLaps" type="xs:string" use="required" />
<xs:attribute name="name" type="xs:string" use="required" />
<xs:attribute name="length" type="positiveDecimal-type" use="required" />
<xs:attribute name="width" type="positiveDecimal-type" use="required" />
<xs:attribute name="numberLaps" type="positiveInt-type" use="required" />
```

Length:

Base:xs:string -> positiveDecimal-type

Width:

Base: xs:string -> positiveDecimal-type

Date:

- Base: xs:string -> xs:date
- Time: xs:string -> xs:time

Section:

• Distance: xs:string -> positiveDecimal-type

Coordinates and section:

- Latitude: xs:string -> latitude-type
- Longitude: xs:string -> longitude-type
- Height: xs:string -> xs:decimal

Cambios de rangos

References: [0-*] -> [3-*]

Fotos: [1-*] -> [1-5]

Videos: $[0-*] \rightarrow [0-3]$

Cambios de restricciones

Length, width y distance usan positiveDecimal-type que obliga a que los valores sean positivos.

NumberLaps usa positiveInt-type que obliga a que el valor sea positivo.

Latitude y longitude usan sus propios tipos que restringe los valores a los mínimos y máximos de cada uno.