

FACETMIN
</xsd:restriction>
or determined by

Case:

- 1) If *MAX* is equal to $2^{63}-1$ (9,223,372,036,854,775,807) and *MIN* is equal to -2^{63} (-9,223,372,036,854,775,808), then *REST* is:

```
<xsd:restriction base="xsd:long" />
```

- 2) If *MAX* is less than $2^{63}-1$ (9,223,372,036,854,775,807) and *MIN* is equal to -2^{63} (-9,223,372,036,854,775,808), then *REST* is:

```
<xsd:restriction base="xsd:long">  
  FACETMAX  
</xsd:restriction>
```

- 3) If *MAX* is equal to $2^{63}-1$ (9,223,372,036,854,775,807) and *MIN* is greater than -2^{63} (-9,223,372,036,854,775,808) but not equal to 0 (zero), then *REST* is:

```
<xsd:restriction base="xsd:long">  
  FACETMIN  
</xsd:restriction>
```

- 4) If *MAX* is less than $2^{63}-1$ (9,223,372,036,854,775,807) but greater than $2^{31}-1$ (2,147,483,647) and *MIN* is less than 0 (zero) or *MIN* is greater than -2^{63} (-9,223,372,036,854,775,808) but less than -2^{31} (-2,147,483,648), then *REST* is:

```
<xsd:restriction base="xsd:long">  
  FACETMAX  
  FACETMIN  
</xsd:restriction>
```

- 5) If *MAX* is equal to $2^{31}-1$ (2,147,483,647) and *MIN* is equal to -2^{31} (-2,147,483,648), then *REST* is:

```
<xsd:restriction base="xsd:int" />
```

- 6) If *MAX* is less than $2^{31}-1$ (2,147,483,647) and *MIN* is equal to -2^{31} (-2,147,483,648), then *REST* is:

```
<xsd:restriction base="xsd:int">  
  FACETMAX  
</xsd:restriction>
```

- 7) If *MAX* is equal to $2^{31}-1$ (2,147,483,647) and *MIN* is greater than -2^{31} (-2,147,483,648), then *REST* is:

```
<xsd:restriction base="xsd:int">  
  FACETMIN  
</xsd:restriction>
```

- 8) If *MAX* is less than $2^{31}-1$ (2,147,483,647) but greater than $2^{15}-1$ (32,767) and *MIN* is less than 0 (zero) or *MIN* is greater than -2^{31} (-2,147,483,648) but less than -2^{15} (-32,786), then *REST* is: