

Field	Type	Do-Not-Use	Description	RINEX satellite code
Value				
SVID or PRN	u1	0	<p>Satellite ID: The following ranges are defined:</p> <p>1-37: PRN number of a GPS satellite</p> <p>38-61: Slot number of a GLONASS satellite with an offset of 37 (R01 to R24)</p> <p>62: GLONASS satellite of which the slot number is not known</p> <p>63-68: Slot number of a GLONASS satellite with an offset of 38 (R25 to R30)</p> <p>71-106: PRN number of a GALILEO satellite with an offset of 70</p> <p>107-119: L-Band (MSS) satellite. Corresponding satellite name can be found in the <code>LBandBeams</code> block.</p> <p>120-140: PRN number of an SBAS satellite (S120 to S140)</p> <p>141-177: PRN number of a Compass/BeiDou satellite with an offset of 140</p> <p>181-187: PRN number of a QZSS satellite with an offset of 180</p> <p>191-197: PRN number of an IRNSS satellite with an offset of 190</p> <p>198-215: PRN number of an SBAS satellite with an offset of 157 (S141 to S158)</p>	<p><i>Gnn</i> (<i>nn</i> = SVID)</p> <p><i>Rnn</i> (<i>nn</i> = SVID-37)</p> <p>NA</p> <p><i>Rnn</i> (<i>nn</i> = SVID-38)</p> <p><i>Enn</i> (<i>nn</i> = SVID-70)</p> <p>NA</p> <p><i>Snn</i> (<i>nn</i> = SVID-100)</p> <p><i>Cnn</i> (<i>nn</i> = SVID-140)</p> <p><i>Jnn</i> (<i>nn</i> = SVID-180)</p> <p><i>Inn</i> (<i>nn</i> = SVID-190)</p> <p><i>Snn</i> (<i>nn</i> = SVID-157)</p>
FreqNr	u1	0	<p>GLONASS frequency number, with an offset of 8. It ranges from 1 (corresponding to an actual frequency number of -7) to 21 (corresponding to an actual frequency number of 13).</p> <p>For non-GLONASS satellites, <code>FreqNr</code> is reserved and must be ignored by the decoding software.</p>	

4.1.10 Signal Type

Some sub-blocks contain a signal type field, which identifies the type of signal and modulation the sub-blocks applies to. The signal numbering is defined as follows: