

Csurv2G Network Monitor .csv file format

Comma by Comma break down of output string:

```

XXXX-XX-XX,      GPS Date Year, Month Day
XX:XX:XX,        GPS Time, Hors, Minutes, Seconds
xx.xxxxxxxxxx,   Longitude, in Decimal WGS84 standard
xx.xxxxxxxxxx,   Latitude, in Decimal WGS84 standard
x,              GPS Lock 1 = yes 0 = No
xx,            Number of satellites in view
xx.x,         GPS Height Above sea level

xxx,          Country Code
xx,           Network Operator Code

                                     Best Serving Cell ( Main Cell )

xx,          BSIC *see note
xxxxx,      LAC local area code
xxxxx,      CID Cell ID
xxx,        ARFCN Absolute radio Frequency Channel Number, assigned radio channel
-xx,       Received Signal Strength in dBm
xx,        C1
xx,        C2
x,         TA - * Ignore see note
x,         Number of Neighbour cells reported

                                     N1 (neighbour cell 1)

xx,          BSIC
xxxxx,      LAC local area code
xxxxx,      CID Cell ID
xxx,        ARFCN Absolute radio Frequency Channel Number, assigned radio channel
-xx,       Received Signal Strength in dBm
xx,        C1
xx,        C2

```

CSSurv2G Network Monitor .csv file format

```
xx,
xxxxx,
xxxxx,
xxx,
-xx,
xx,
xx,

N2 (neighbour cell 2)

BSIC
LAC local area code
CID Cell ID
ARFCN Absolute radio Frequency Channel Number, assigned radio channel
Received Signal Strength in dBm
C1
C2

BSIC
LAC local area code
CID Cell ID
ARFCN Absolute radio Frequency Channel Number, assigned radio channel
Received Signal Strength in dBm
C1
C2

N3 (neighbour cell 3)

BSIC
LAC local area code
CID Cell ID
ARFCN Absolute radio Frequency Channel Number, assigned radio channel
Received Signal Strength in dBm
C1
C2

N4 (neighbour cell 4)

BSIC
LAC local area code
CID Cell ID
ARFCN Absolute radio Frequency Channel Number, assigned radio channel
Received Signal Strength in dBm
C1
C2

N5 (neighbour cell 5)

BSIC
LAC local area code
CID Cell ID
ARFCN Absolute radio Frequency Channel Number, assigned radio channel
Received Signal Strength in dBm
C1
C2

N6 (neighbour cell 6)

BSIC
LAC local area code
CID Cell ID
ARFCN Absolute radio Frequency Channel Number, assigned radio channel
Received Signal Strength in dBm
C1
C2
```

CSsurv2G Network Monitor .csv file format

Note:

BSIC value is expressed in octal.

- Q) Why octal !
- A) BSIC is a 6 bit length code that is structured in the following way:
[NCC 3-bit) + [BCC 3-bit)
so for a BSIC of 20 octal = 16 dec = 010000 binary [NCC 010] + [BCC 000]

Note:

Timing Advance (TA)

- TA is valid for serving cell only.
- TA is Valid for initial connection to Network only, thereafter Not Valid.
- TA is Reserved for CSurv with call and QOS features