

# **Implementation Practice of the RECOMMENDATION ITU-R TF.1153-2**

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# Receive Parameters file

Proposal for a receive parameters file (different from the current format PTB uses)

```
* RPPTB56.170
* FORMAT      01
* LAB         PTB
* REV DATE    2012-08-31
* COMMENTS
*
```

```
      1          2          3          4          5          6          7
1234567890123456789012345678901234567890123456789012345678901234567890
```

```
* EARTH-STAT  MJD  STTIME      FRQ      FSIG  POW  PSIG  CN0  CSIG
* LOC  REM      hhmmss      Hz      Hz      dBm  dB  dBHz  dB
PTB01  TIM01  56117  000400  69986553.341  0.483  -56.4  0.452  48.1  0.495
PTB01  PTB01  56117  000700  70017869.150  0.067  -53.8  0.048  46.2  0.119
PTB01  OCA01  56117  001000  70026802.070  0.109  -54.1  0.044  45.8  0.109
PTB01  IT02  56117  001300  69973346.478  0.368  -55.4  0.052  44.5  0.091
PTB01  ROA01  56117  001600  69955249.084  0.098  -52.6  0.045  47.4  0.088
PTB01  OP01  56117  001900  69991025.273  0.084  -52.6  0.088  47.6  0.237
PTB01  NPL01  56117  002200  69999532.132  0.089  -55.3  0.036  44.4  0.195
PTB01  VSL01  56117  002500  70008869.020  0.133  -52.6  0.049  47.3  0.073
PTB01  SP01  56117  002800  69982079.744  0.332  -54.0  0.319  45.8  0.383
PTB01  CH01  56117  003700  70004440.252  0.425  -53.3  0.033  46.6  0.077
PTB01  IPQ01  56117  004000  69995497.951  0.511  -55.1  0.150  44.9  0.377
PTB01  AOS01  56117  004300  70013384.228  0.270  -54.1  0.270  45.5  0.304
PTB01  USNO01 56117  004600  70000717.054  1.251  -59.0  0.058  54.3  0.104
PTB01  NIST01 56117  004900  70007201.397  1.033  -59.6  0.513  54.0  0.532
```

Also:

Extension of the 1-s-data file format proposed by Joseph Achkar to report secondly frequency, power, and C/N0

# Clock offset file

Proposal for an auxiliary clock offset file

```
* COPTB56.170
* FORMAT      01
* LAB         PTB
* REV DATE    2012-08-31
* COMMENTS
*
      1          2          3          4          5
1234567890123456789012345678901234567890123456789012
* EARTH-STAT  MJD  STTIME SMP          CO          CSIG
* LOC        REM      hhmmss          s          ns
PTB01  TIM01  56117  000400  100  -0.000000002359  0.228
PTB01  PTB01  56117  000700  104  -0.000000000474  0.404
PTB01  OCA01  56117  001000  100   0.000000012797  0.331
PTB01  IT02  56117  001300   92  -0.000000008694  0.485
PTB01  OP01  56117  001900  101  -0.000000572555  0.123
```

Could be implemented as additional columns in the receive parameters file.