

ERRATA CORRIGE

(Operation Manual SNM31/SNM31F cod.7D0572 rev.2.0 - 07/94)

Appendix M. V.34 FUNCTIONALITY

SNM31F is a multistandard modem that works in full/half duplex mode with a maximum speed up to 32000 bit/s (see table 1).

In V.34 CCITT standard mode, the SNM31F must be used in synchronous mode only (line speed: 4800 ÷ 32000 bps)

Regarding the V.21, V.23, V.22, V.22bis, V.32, V.32bis, referring the SNM31 operative manual pag. 1.2 Table modulation standard.

| Mode | Standard | Speed bit/s | Line | Syn | Sw | LL2w | LL4w |
|------|----------|-------------|------|-----|----|------|------|
| M | VFAST | 4800 | P.P. | * | * | * | * |
| M | VFAST | 7200 | P.P. | * | * | * | * |
| M | VFAST | 9600 | P.P. | * | * | * | * |
| M | VFAST | 12000 | P.P. | * | * | * | * |
| M | VFAST | 14400 | P.P. | * | * | * | * |
| M | VFAST | 16800 | P.P. | * | * | * | * |
| M | VFAST | 19200 | P.P. | * | * | * | * |
| M | VFAST | 21600 | P.P. | * | * | * | * |
| M | VFAST | 24000 | P.P. | * | * | * | * |
| M | VFAST | 26400 | P.P. | * | * | * | * |
| M | VFAST | 28800 | P.P. | * | * | * | * |
| M | VFAST | 32000 | P.P. | * | * | * | * |

Tab.:9.

M = multistandard mode

PP = point-point

SYN = synchronous mode

SW = switched line

LL2w = two wire leased line

LL4w = four wire leased line

The default is in multistandard mode (F0). With the multistandard mode, the SNM31F automatically recognize the following modulation standard: VFAST, V.32bis, V.32, V.22bis, V.22, V.21, V.23. If you want to force one particular modulation standard, please refer the table 10.

| SPEED in bit/s | | GROUP A | | GROUP B | | GROUP C | |
|-------------------|--------------------|---------|----|---------|----|---------|----|
| | | #F0 | Bx | #F1 | Bx | #F3 | Bx |
| F0 | Multistandard Mode | (**) | B0 | | B0 | (**) | B0 |
| F1 | 300 | V21 | B0 | V21 | B0 | V21 | B0 |
| F3 | 1200 Half Duplex | V23 | B2 | V23 | B2 | V23 | B2 |
| F4 | 1200 | V22 | B0 | V22 | B0 | V22 | B0 |
| F5 | 2400 | V22bis | B0 | V22bis | B0 | V22bis | B0 |
| F6 | 4800 | V32 | B0 | V32 | B0 | VFAST | B0 |
| F7 | 7200 | V32bis | B0 | V32bis | B0 | VFAST | B0 |
| F8 | 9600 | V32 | B0 | V32TCM | B0 | VFAST | B0 |
| F9 | 12000 | V32bis | B0 | V32bis | B0 | VFAST | B0 |
| F10 | 14400 | V32bis | B0 | V32bis | B0 | VFAST | B0 |
| F11 | 16800 | — | — | — | — | VFAST | B0 |
| F12 | 19200 | — | — | — | — | VFAST | B0 |
| F13 | 21600 | — | — | — | — | VFAST | B0 |
| F14 | 24000 | — | — | — | — | VFAST | B0 |
| F15 | 26400 | — | — | — | — | VFAST | B0 |
| F16 | 28800 | — | — | — | — | VFAST | B0 |
| F17 | 32000 | — | — | — | — | VFAST | B0 |

Tab.:10.

(*) See #V command (*) See &A and *A command

NOTE: The default of SNM31F is #F3 command (group C on the table).

If is necessary to modify the group type, please use the #F command (referring table 3 pag. 6.3 of the SNM31 operative manual).