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ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

T.30

Amendment 1
(01/2007)

SERIES T: TERMINALS FOR TELEMATIC SERVICES

Procedures for document facsimile transmission in
the general switched telephone network

**Amendment 1: Extension of silence period
during fallback from V.34**

ITU-T Recommendation T.30 (2005) – Amendment 1



ITU-T Recommendation T.30

Procedures for document facsimile transmission in the general switched telephone network

Amendment 1

Extension of silence period during fallback from V.34

Summary

This Recommendation defines the procedures used by Group 3 facsimile terminals as defined in ITU-T Rec. T.4. These procedures enable documents to be transmitted on the general switched telephone network, international leased circuits and the Integrated Services Digital Network (ISDN). Further, these procedures allow communication to be manual or automatic and for document transmission to be requested alternatively with telephone conversation.

Amendment 1 specifies the extension of silence period when the fallback from V.34 fax to normal G3 fax happens in order that the fallback works well.

~~With this revision, the colour spaces defined in ITU-T Rec. T.30 will be aligned with those in ITU-T Rec. T.44. Additionally, the scope and applicability of T.30 and T.44 based facsimile applications are expanded. The following methods are defined for introducing T.44 YCC colour space to T.30.~~

- ~~1) — New negotiation bit 119 "T.44 colour space" is added with new Note 83.~~
- ~~2) — Note 39 (for bit 74 custom illuminant) and Note 40 (for bit 75 custom gamut range) are modified to reflect the addition of bit 119.~~

Source

Amendment 1 to ITU-T Recommendation T.30 (2005) was approved on 13 January 2007 by ITU-T Study Group 16 (2005-2008) under the ITU-T Recommendation A.8 procedure.

FOREWORD

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ITU-T Recommendation T.30

Procedures for document facsimile transmission in the general switched telephone network

Amendment 1

Extension of silence period during fallback from V.34

Modifications introduced by this amendment are shown in revision marks. Unchanged text is replaced by ellipsis (...). Some parts of unchanged texts (clause numbers, etc.) may be kept to indicate the correct insertion points.

...

6.1.3 After receiving a valid CM, the terminal shall follow the procedures described in ITU-T Rec. V.8. However, if the ANSam time-out expires, the answer terminal shall proceed with the binary coded signalling procedures described in clause 5 using the basic 300 bit/s modulation. Bit 6 of the DIS frame shall be set to "1".

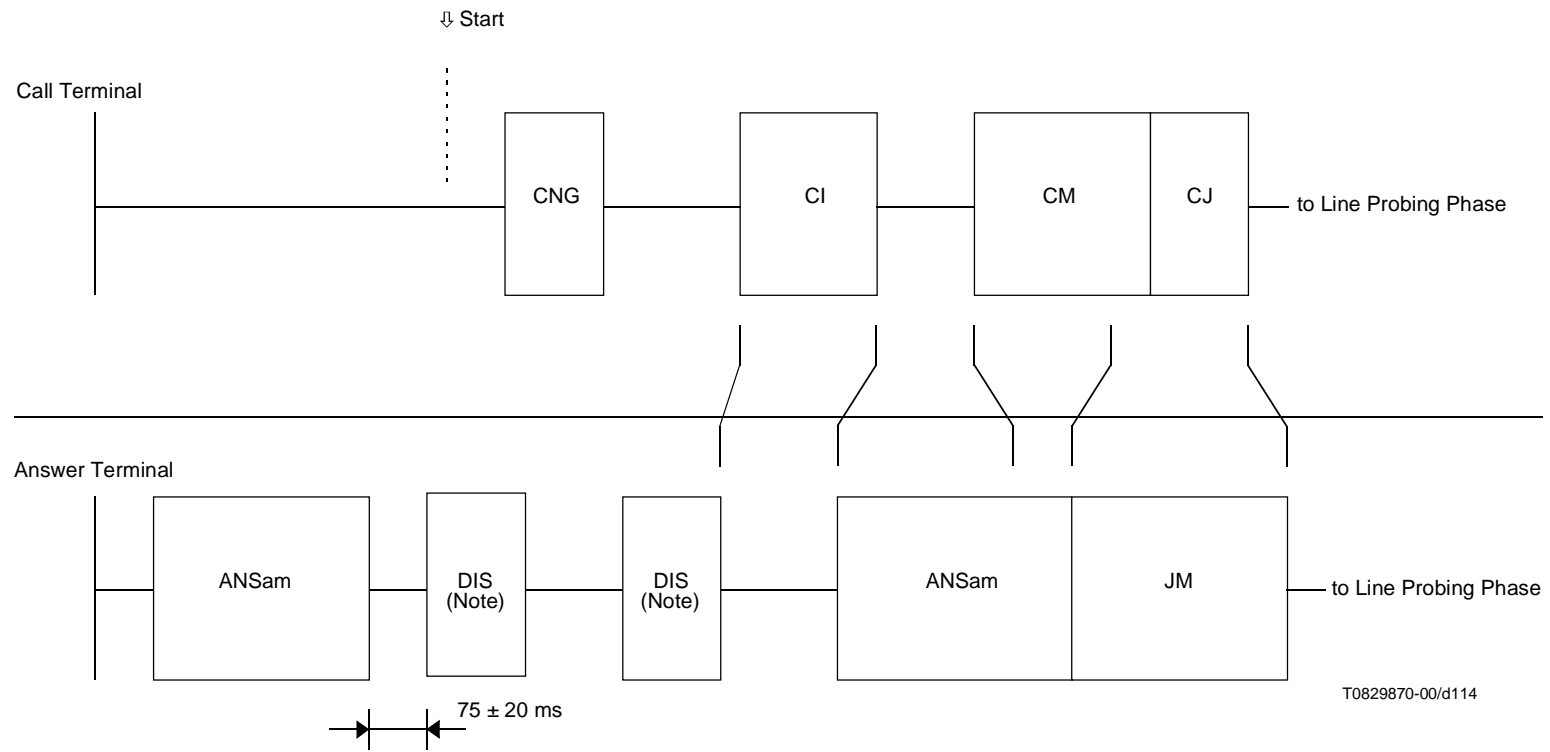
When the answer terminal falls back to a normal G3 procedure (e.g., it does not receive CM after sending ANSam, etc.), in order to re-enable echo cancellers, it must wait 450 ± 50 ms before the fallback procedure. The value comes from 250 ± 150 ms described in clause 7.8 "Release time" of ITU-T Rec. G.168.

NOTE – The terminals which conform to the 2005 and the previous version of this Recommendation may not wait so long.

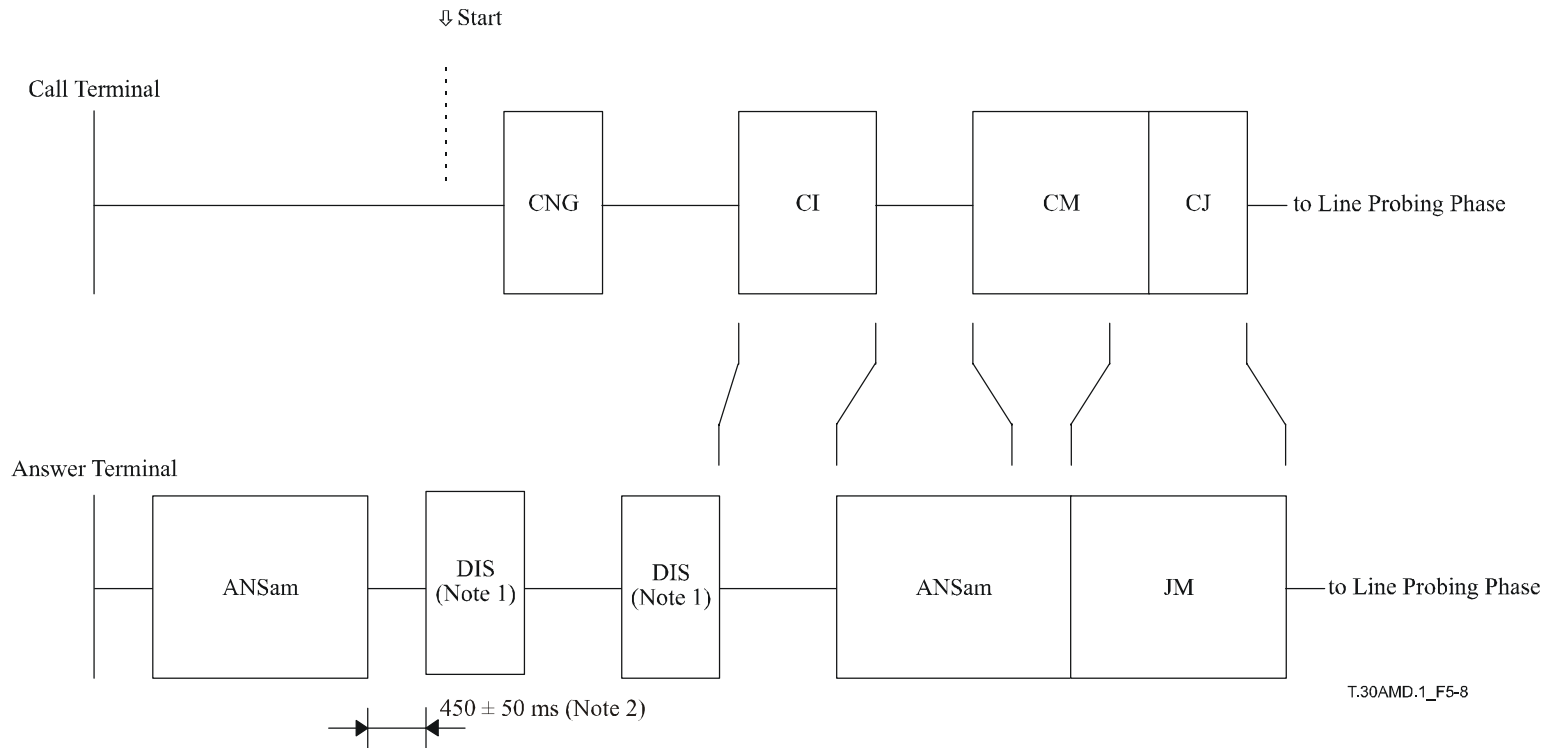
...

F.5 Examples of sequences

...

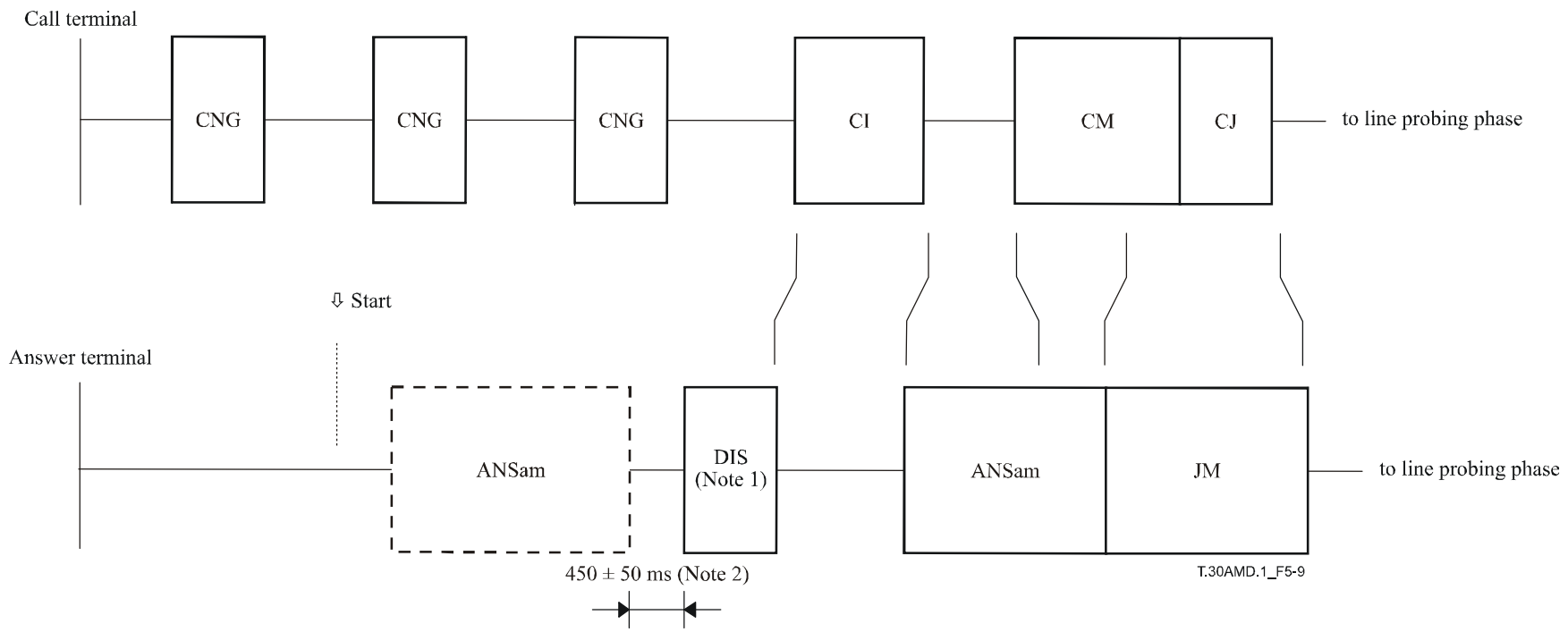


NOTE – Bit 6 is set to "1".



NOTE 1 – Bit 6 is set to "1".
 NOTE 2 – "75 ± 25 ms" in the terminals which conform to the 2005 and the previous version of this Recommendation.

Figure F.5-8/T.30 – Manual sending



NOTE 1 – Bit 6 is set to "1".

NOTE 2 – "75 ± 25 ms" in the terminals which conform to the 2005 and the previous version of this Recommendation.

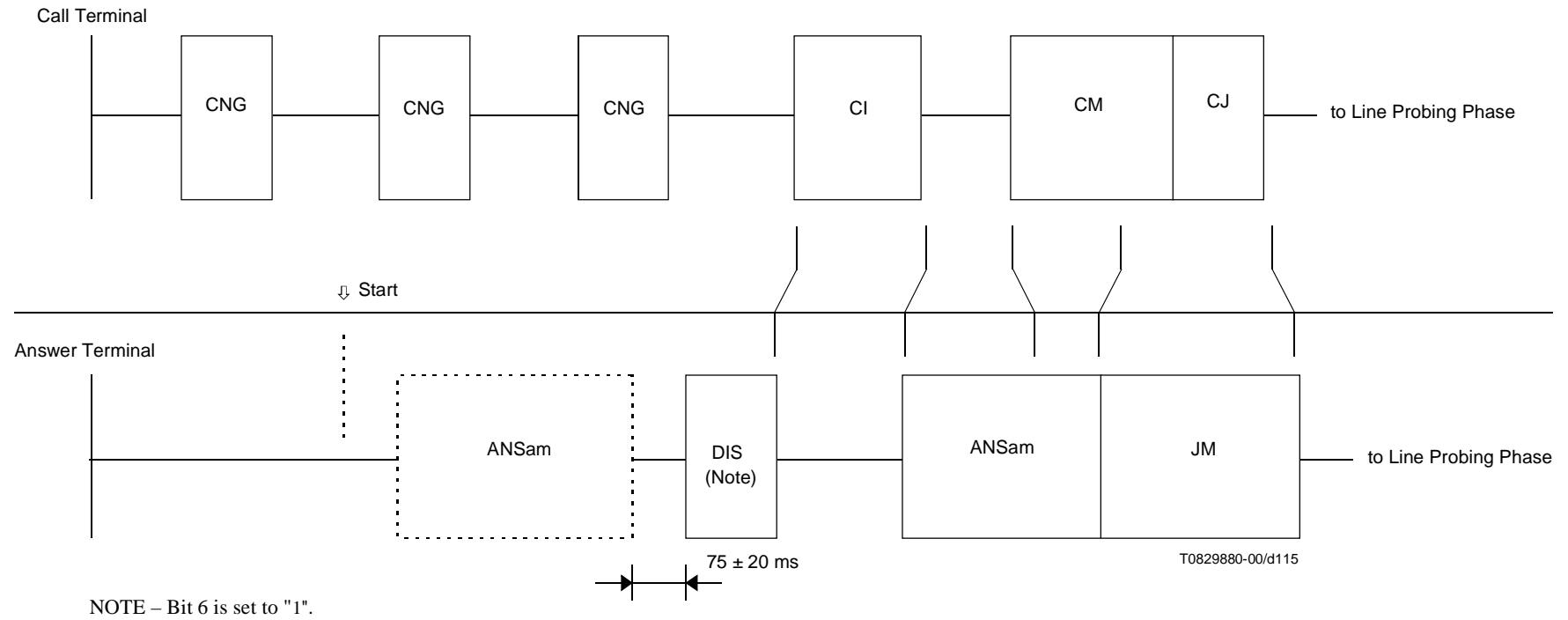
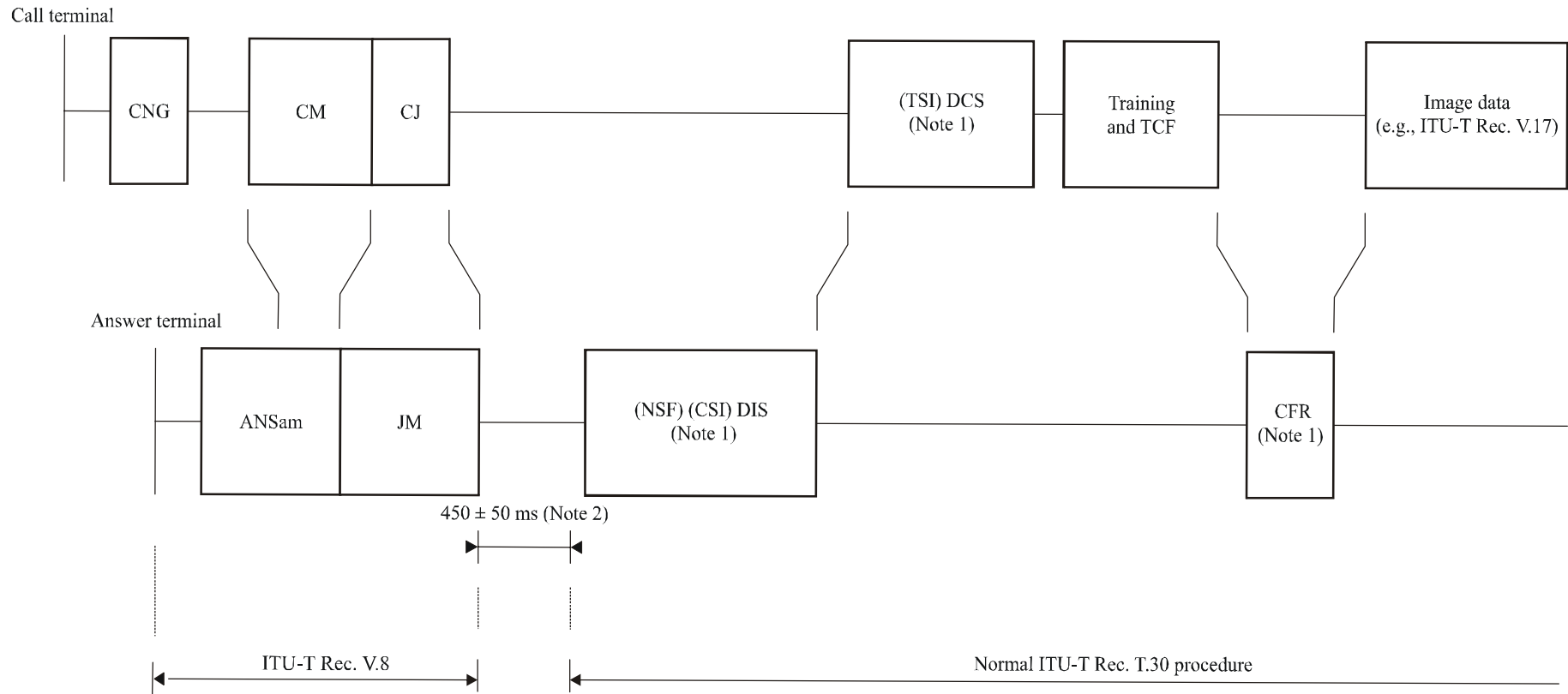


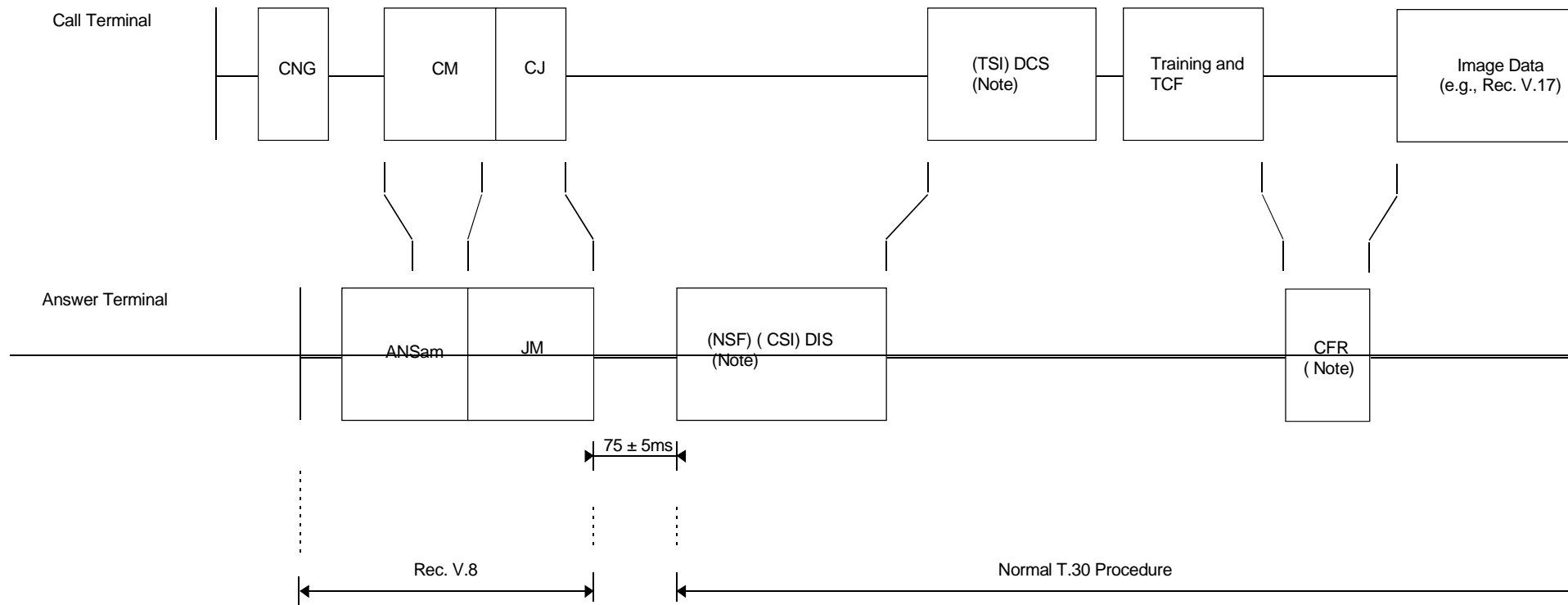
Figure F.5-9/T.30 – Manual receiving



T.30AMD.1_F5-10

NOTE 1 – ITU-T Rec. V.21 modulation mode.

NOTE 2 – "75 ± 25 ms" in the terminals which conform to the 2005 and the previous version of this Recommendation.



T0826950-97/d116

NOTE – V.21 modulation mode

Figure F.5-10/T.30 – Normal T.30 procedure from ITU-T Rec. V.8

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