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SERIES M: TMN AND NETWORK MAINTENANCE:
INTERNATIONAL TRANSMISSION SYSTEMS,
TELEPHONE CIRCUITS, TELEGRAPHY, FACSIMILE
AND LEASED CIRCUITS

International data transmission systems

**Bringing-into-service of international leased
circuits that are supported by international data
transmission systems**

ITU-T Recommendation M.1380

(Formerly CCITT Recommendation)

ITU-T M-SERIES RECOMMENDATIONS

TMN AND NETWORK MAINTENANCE: INTERNATIONAL TRANSMISSION SYSTEMS, TELEPHONE CIRCUITS, TELEGRAPHY, FACSIMILE AND LEASED CIRCUITS

Introduction and general principles of maintenance and maintenance organization	M.10–M.299
International transmission systems	M.300–M.559
International telephone circuits	M.560–M.759
Common channel signalling systems	M.760–M.799
International telegraph systems and phototelegraph transmission	M.800–M.899
International leased group and supergroup links	M.900–M.999
International leased circuits	M.1000–M.1099
Mobile telecommunication systems and services	M.1100–M.1199
International public telephone network	M.1200–M.1299
International data transmission systems	M.1300–M.1399
Designations and information exchange	M.1400–M.1999
International transport network	M.2000–M.2999
Telecommunications management network	M.3000–M.3599
Integrated services digital networks	M.3600–M.3999
Common channel signalling systems	M.4000–M.4999

For further details, please refer to the list of ITU-T Recommendations.

ITU-T Recommendation M.1380

Bringing-into-service of international leased circuits that are supported by international data transmission systems

Summary

This ITU-T Recommendation is only applicable to international leased circuits that are supported by a data transmission system. The requirements described in this ITU-T Recommendation should ensure that an international leased circuit meets performance limits and is fully tested prior to introduction into service.

The Bringing-Into-Service tests described in this ITU-T Recommendation should ideally include periods of normal industrial activity to be representative of typical network conditions. This ITU-T Recommendation has been developed to be consistent with ITU-T Recommendation M.1370 that describes the Bringing-Into-Service of international data transmission systems.

ITU-T Recommendation M.1385 covers maintenance issues for international leased circuits that are supported by a data transmission system maintained in accordance with ITU-T Recommendation M.1375.

This ITU-T Recommendation addresses the Bringing-Into-Service requirements of leased circuits with a PDH digital presentation at Customers' premises. Another ITU-T Recommendation is being developed for Bringing-Into-Service and Maintenance procedures for SDH leased circuits.

For leased circuits with an analogue presentation, the Bringing-Into-Service procedures given in ITU-T Recommendation M.1050 apply, with performance achievement in accordance with ITU-T Recommendations M.1020, M.1025 or M.1040 as appropriate.

Source

ITU-T Recommendation M.1380 was revised by ITU-T Study Group 4 (1997-2000) and approved under the WTSC Resolution 1 procedure on 4 February 2000.

Keywords

Bringing-Into-Service, exchange of Information, in-service monitoring, international data transmission system, international leased circuit, testing of performance objectives.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Conference (WTSC), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSC Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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CONTENTS

	Page
1 Scope.....	1
2 References.....	1
3 Terms and definitions	3
4 Abbreviations.....	4
5 Performance limits and objectives.....	4
6 Preliminary exchange of information	4
7 Bringing-Into-Service procedures.....	5
7.1 National circuit portions	5
7.2 International circuit portions.....	5
7.2.1 Bringing-Into-Service using an alternative international link	6
7.3 End-to-end test.....	6
7.3.1 Alternative end-to-end test	6