INTERNATIONAL TELECOMMUNICATION UNION

ITU-T M.1045

TELECOMMUNICATION
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OF ITU

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MAINTENANCE:
INTERNATIONAL LEASED CIRCUITS

PRELIMINARY EXCHANGE OF INFORMATION FOR THE PROVISION OF INTERNATIONAL LEASED CIRCUITS

ITU-T Recommendation M.1045

(Previously "CCITT Recommendation")

FOREWORD

The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the International Telecommunication Union. The 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, established the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

ITU-T Recommendation M.1045 was revised by the ITU-T Study Group IV (1988-1993) and was approved by the WTSC (Helsinki, March 1-12, 1993).

NOTES

1 As a consequence of a reform process within the International Telecommunication Union (ITU), the CCITT ceased to exist as of 28 February 1993. In its place, the ITU Telecommunication Standardization Sector (ITU-T) was created as of 1 March 1993. Similarly, in this reform process, the CCIR and the IFRB have been replaced by the Radiocommunication Sector.

In order not to delay publication of this Recommendation, no change has been made in the text to references containing the acronyms "CCITT, CCIR or IFRB" or their associated entities such as Plenary Assembly, Secretariat, etc. Future editions of this Recommendation will contain the proper terminology related to the new ITU structure.

2 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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ABSTRACT

This Recommendation identifies the information required to be exchanged between Administrations for their effective cooperation in providing international leased circuits. The Recommendation defines the information to be exchanged and provides examples of circuit routing proposals and replies.

KEY WORDS

Escalation, information, leased circuit, procedure, proposals, provision, routing.

PRELIMINARY EXCHANGE OF INFORMATION FOR THE PROVISION OF INTERNATIONAL LEASED CIRCUITS

(Published in 1980; revised in 1984, 1988 and 1993)

In view of the need for close coordination and cooperation between Administrations during the provision and line-up of international leased circuits, and the importance which Administrations attach to such circuits, it is essential for the appropriate authorities in the Administrations involved to exchange relevant information at the earliest possible time after the prospective renter at one end has requested the provision of a leased circuit.

Such preliminary exchanges of information, which should preferably be by telex, should include:

a) the names and addresses of the renter at both ends of the circuit;

b) the circuit characteristics, for example, Recommendation M.1020 [1];

c) the telephone and telex number of the contact points within the Administration for discussing and agreeing:

   – the date and time for overall line-up;

   – the ready-for-service (RFS) date;

d) any special considerations that may apply, for example, restricted access to the renter's premises, type of service to be carried, location of any necessary equalizers;

e) proposals concerning:

   – the circuit designation (which is covered by clause 3/M.1400 [2]) and additional information contained in related information as defined in clause 4/M.1400;

   – the control and sub-control stations;

   – the date and time for overall line-up;

   – the ready-for-service (RFS) date.

In order to avoid any delay, the information in points 1-5 of Figure 1 should, as far as it is available at that time, be sent to the distant Administration, as soon as the request is received. On receiving this message, the distant Administration, after consulting the local renter (if necessary), shall then confirm or deny the request for a connection.

The above information may be the responsibility of one or more sources within a particular country.

So that the necessary staffing and other arrangements can be made, it is particularly important that early agreement be reached between the involved Administrations on the RFS date, and the date and time of the overall line-up. For this and other purposes, the contact point information (see items 9 and 10 in the proforma, Figure 1) is essential and should always be exchanged. Adequate time should be allowed between lining up the national and international circuit sections, the overall circuit line-up and the RFS date to permit the RFS date to be met in the event that the first overall circuit line-up attempt fails and a new date and time for a second attempt needs to be agreed. Where the involved Administrations are unable to agree on dates for the RFS or overall line-up at the time of the preliminary exchange of information, these matters should be discussed and agreed between the contact points at the earliest possible time.

Figure 2 shows an example of a telex message confirming a request for a new international leased circuit; the request having originated in the form shown in Figure 1.

ADMINISTRATION/OPERATING COMPANY DATE:
REF. NUMBER:

WE HAVE RECEIVED ORDERS TO PROVIDE A NEW INTERNATIONAL LEASED CIRCUIT AS FOLLOWS:

1. NATIONAL RENTER:

2. DISTANT RENTER:

3. DISCONNECT DATE (WHEN NECESSARY):

WE MAKE THE FOLLOWING PROPOSALS:

4. DESIGNATION:

5. RELATED INFORMATION (REF. CCITT REC. M.1400)

RI	1.	URGENCY FOR RESTORATION	1. .....;
RI	2.	TERMINAL COUNTRIES	2. ....., ...;
RI	3.	CARRIERS' NAMES	3. ....., ...;
RI	4.	CONTROL AND SUBCONTROL STATION(S)	4. CS : .....; SCS1 : .....; SCS2 : .....;
RI	5.	FAULT REPORT POINTS	5. ....., ...;
RI	6.	ROUTING (MAIN PAGE)	6. .....;
RI	7.	ASSOCIATION	7. .....;
RI	8.	EQUIPMENT INFORMATION	8. .....;
RI	9.	USE	9. .....;
RI	10.	TRANSMISSION MEDIUM INFORM.	10. .....;
RI	11.	COMPOSITION OF TRANSMISSION	11. .....;
RI	12.	BANDWIDTH OR BIT RATE	12. .....;
RI	13.	SIGNALLING INFORMATION	13. .....;
RI	14.	APPLICABLE CCITT RECOMMEND	14. .....;

6. READY-FOR-SERVICE DATE/TIME:

7. OVERALL LINE-UP DATE/TIME: INTERNATIONAL SECTION:
END-TO-END:

PLEASE NOTE THE FOLLOWING:

8. INTERFACE REQUIREMENTS FOR:
NATIONAL RENTER:
DISTANT RENTER:

9. ADMINISTRATIVE CONTACT POINT FOR DISCUSSING/AGREEING RFS DATE:
PHONE: TELEX: FAX:

10. ADMINISTRATIVE CONTACT POINT FOR DISCUSSING/AGREEING LINE-UP DATES AND TIMES:

11. TECHNICAL CONTACT POINT FOR BRINGING CIRCUIT INTO SERVICE:
PHONE: TELEX: FAX:

12. ACCESS TIMES AT RENTER'S PREMISES:

13. ADDITIONAL REMARKS:

WE AWAIT YOUR COMMENTS, REGARDS

FIGURE 1/M.1045

Form to be used for messages concerning the provision of a new international leased circuit

TELEGLOBE CANADA TO NETWORK CONTROL DIVISION LONDON

24/03/1700 G/DOC/2/KH

NEW LEASED CIRCUIT FOR AB SMITH & CO

YOUR REFERENCE 0721030G/IN3.2.2.1/LB

1-2 NOTED

4-7 AGREED

8-12 NOTED, OUR CONTACT POINT IS: PHONE + 1514 281 5328

TELEX 9100 TGLOBE CA

REGARDS

FIGURE 2/M.1045

A typical telex reply message

References

[1] CCITT Recommendation *Characteristics of special quality international leased circuits with special bandwidth conditioning*, Rec. M.1020.

[2] CCITT Recommendation *Designations for international network*, Rec. M.1400.