



INTERNATIONAL TELECOMMUNICATION UNION

CCITT

THE INTERNATIONAL
TELEGRAPH AND TELEPHONE
CONSULTATIVE COMMITTEE

M.1045

(11/1988)

SERIES M: MAINTENANCE OF INTERNATIONAL
TELEGRAPH, PHOTOTELEGRAPH AND LEASED
CIRCUITS

MAINTENANCE OF THE INTERNATIONAL PUBLIC
TELEPHONE NETWORK

MAINTENANCE OF MARITIME SATELLITE AND DATA
TRANSMISSION SYSTEMS

International leased circuits

**PRELIMINARY EXCHANGE OF INFORMATION
FOR THE PROVISION OF INTERNATIONAL
LEASED CIRCUITS**

Reedition of CCITT Recommendation M.1045 published in
the Blue Book, Fascicle IV.2 (1988)

NOTES

- 1 CCITT Recommendation M.1045 was published in Fascicle IV.2 of the *Blue Book*. This file is an extract from the *Blue Book*. While the presentation and layout of the text might be slightly different from the *Blue Book* version, the contents of the file are identical to the *Blue Book* version and copyright conditions remain unchanged (see below).
- 2 In this Recommendation, the expression “Administration” is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

Recommendation M.1045

PRELIMINARY EXCHANGE OF INFORMATION FOR THE PROVISION OF INTERNATIONAL LEASED CIRCUITS

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;
- 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 Recommendation M.140, § 3) and additional information contained in related information as defined in Recommendation M.140, § 4,
 - 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, 2, 3 and 4 of Figure 1/M.1045 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, may then confirm the request for a connection.

The above information may be the responsibility of one or more sources within a particular country. The telex examples below reflect the situation where all the preliminary information is normally sent from a single source.

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 (items 7 and 8 in the telex example, Figure 1/M.1045) 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/M.1045 shows an example of a telex reply to the telex in Figure 1/M.1045.

NETWORK CONTROL DIVISION LONDON A TELEGLOBE CANADA
21031030G/IN3.2.2.1/LB

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

- 1 UK RENTER: AB SMITH & CO 15-19 NEW FETTER LANE, LONDON
- 2 DISTANT RENTER: AB SMITH & CO 680 SHERBROOKE ST WEST/MONTREAL

WE MAKE THE FOLLOWING PROPOSALS:

- 3 DESIGNATION: LONDON / M-MONTREAL DP 41
- 4 RELATED INFORMATION
 - IA 1. URGENCY FOR RESTORATION 1. 1;
 - IA 2. TERMINAL COUNTRIES 2. GBR, CAN;
 - IA 3. CARRIER'S NAMES 3. BIT, TELGL;
 - IA 4. CONTROL AND SUBCONTROL STATION(S) 4. CS: LONDON/M;
4. SCS1: MONTREAL;
 - IA 5. FAULT REPORT POINTS 5. LONDON/M, MONTREAL;
 - IA 6. ROUTING 6. LONDON – MONTREAL 1608/14;
 - IA 7. ASSOCIATION 7. -;
 - IA 8. EQUIPMENT INFORMATION 8. -;
 - IA 9. USE 9. D;
 - IA 10. TRANSMISSION MEDIAN INFORMATION 10. -;
 - IA 11. COMPOSITION OF TRANSMISSION 11. A;
 - IA 12. BANDWIDTH OR BIT RATE 12. 3.4 kHz
 - IA 13. SIGNALLING INFORMATION 13. -;
 - IA 14. APPLICABLE CCITT RECOMMENDATIONS 14. REC.M.1020;
- 5 READY-FOR-SERVICE DATE/TIME: 16 MAY 1979, 1200G (TARGET).
- 6 OVERALL LINE-UP-DATE/TIME: 12 MAY 1979, 1400G (TARGET)

PLEASE NOTE THE FOLLOWING:

- 7 ADMINISTRATIVE CONTACT POINT FOR DISCUSSING/AGREEING RFS DATE:
PHONE +44 1 236 4262 X190, TELEX 888610 GMITP G
- 8 ADMINISTRATIVE CONTACT POINT FOR DISCUSSING/AGREEING LINE-UP DATES AND TIMES:
(AS IN 10)
- 9 ACCES TO UK RENTERS PREMISES RESTRICTED TO 1200-1700G, MONDAY-FRIDAY
- 10 ANY EQUALIZERS WILL BE FITTED AT LONDON WOOD STREET REPEATER STATION

WE AWAIT YOUR COMMENTS, REGARDS

FIGURE 1/M.1045

Example 1: Telex message 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
3-6 AGREED
7-10 NOTED. OUR CONTACT POINT IS: PHONE +1514 281 5328
TELEX 9100 TGLOBE CA
REGARDS

FIGURE 2/M.1045

Example 2: Telex message in reply to telex in Example 1, Figure 1/M.1045

ITU-T RECOMMENDATIONS SERIES

Series A	Organization of the work of the ITU-T
Series B	Means of expression: definitions, symbols, classification
Series C	General telecommunication statistics
Series D	General tariff principles
Series E	Overall network operation, telephone service, service operation and human factors
Series F	Non-telephone telecommunication services
Series G	Transmission systems and media, digital systems and networks
Series H	Audiovisual and multimedia systems
Series I	Integrated services digital network
Series J	Transmission of television, sound programme and other multimedia signals
Series K	Protection against interference
Series L	Construction, installation and protection of cables and other elements of outside plant
Series M	TMN and network maintenance: international transmission systems, telephone circuits, telegraphy, facsimile and leased circuits
Series N	Maintenance: international sound programme and television transmission circuits
Series O	Specifications of measuring equipment
Series P	Telephone transmission quality, telephone installations, local line networks
Series Q	Switching and signalling
Series R	Telegraph transmission
Series S	Telegraph services terminal equipment
Series T	Terminals for telematic services
Series U	Telegraph switching
Series V	Data communication over the telephone network
Series X	Data networks and open system communications
Series Y	Global information infrastructure and Internet protocol aspects
Series Z	Languages and general software aspects for telecommunication systems