
DICTIONARY OF COMMUNICATIONS TECHNOLOGY

**Terms, Definitions and Abbreviations
Third Edition**

Gilbert Held

4-Degree Consulting
Macon, Georgia, USA

JOHN WILEY & SONS

Chichester · New York · Weinheim · Brisbane · Singapore · Toronto

First edition published in 1989 as *Data and Computer Communications*
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Baffins Lane, Chichester
West Sussex, PO 19 1UD, England

National 01243 779777
International (+44) 1234 779777

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John Wiley & Sons, Inc., 605 Third Avenue,
New York, NY 10158-0012, USA

WILEY-VCH Verlag GmbH
Pappelallee 3, D-69469 Weinheim, Germany

Jacaranda Wiley Ltd, 33 Park Road, Milton,
Queensland 4064, Australia

John Wiley & Sons (Asia) Pte Ltd, 2 Clementi Loop #02-01,
Jin Xing Distripark, Singapore 129809

John Wiley & Sons (Canada) Ltd, 22 Worcester Road,
Rexdale, Ontario M9W 1L1, Canada

British Library Cataloguing in Publication Data

A catalogue record for this book is available from the British Library

ISBN 0 471# 97516 8; 0 471 97517 6 (pbk)

Typeset in 10/12 pt Times by Laser Words, Madras, India.

Printed and bound in Great Britain from Post Script files by Bookcraft (Bath) Ltd

This book is printed on acid-free paper responsibly manufactured from sustainable forestry, in which at least two trees are planted for each one used for paper production.

2. A U.S. military ground-based communications intercept and direction finder primarily used for supporting army troops in a tactical environment.

trailer or trace block Control information which is transmitted after the text of a message. It is used for tracing error events, timing, and recovering blocks after system failures.

train The adjusting to the conditions of a particular line segment by a receiving modem. These conditions include amplitude response, delay distortion, and timing recovery.

training The process in which a receiving modem achieves equalization with a transmitting modem.

training pattern The sequence of signals used in training.

training time The time that the modem with automatic equalizer uses to adjust its equalization parameters. Also learning time.

transaction A message directed to an application program. In batch or remote job entry (RJE), a job or job step.

Transaction Language-1 (TL-1) A Bellcore and ANSI T1-committee developed protocol that allows network management devices to talk with each other.

Transaction Network Service (TNS) A common-user switched network service.

transaction processing A real-time of data processing in which individual tasks or items of data (transactions) are processed as they occur—with no primary editing or sorting.

transaction set A standardized electronic message format used in Electronic Data Interchange (EDI) communications. Transaction sets specify formats for business documents to include purchase orders, invoices and bills of lading.

Trans-Atlantic-Telecommunications (TAT) A series of cables ranging from copper to fiber

medium that link North America to Europe. The following table lists current transatlantic cables.

<i>Cable</i>	<i>Year of operation</i>	<i>Medium</i>
TAT-1	1956	copper
TAT-2	1959	copper
TAT-3	1963	copper
TAT-4	1965	copper
TAT-5	1970	copper
TAT-6	1976	copper
TAT-7	1983	copper
TAT-8	1989	fiber

Transaction Tracking System (TTS) A Novell Network program used to provide file integrity in database applications. Under TTS, database transactions are either completely accomplished or not carried out. To do this, TTS includes an automatic rollback feature which restores the starting state of a database if a transaction fails prior to its completion.

transceiver 1. An acronym for transmitter/receiver. 2. A device capable of both transmitting and receiving data. 3. Under the IEEE 802.3 CSMA/CD standard a transceiver is referred to as a medium attachment unit (MAU).

Transcode An early six-bit transmission code used with an airline reservation system version of IBM's Binary Synchronous Communications protocol.

Transcom The French switched 64 Kbps service.

transducer A device that converts signals from one form to another.

transfer mode The method by which data are carried on a network. Circuit switched or packet switched represent two transfer modes.

transfer orbit An intermediate elliptical orbit used to reach geosynchronous orbit, where the apogee is the same altitude as the final operating orbit.

Transfix A service offered by France Telecom which provides digital leased lines operating at multiples of 64 Kbps to end users.