

C.C.I.T.T. Draft Recommendation G.72X  
Special Rapporteur's Group on Question 26/XVIII  
7Khz Audio Coding within 64K bits/sec

Source: Northern Telecom Limited (NTL)  
Title: Statement on Patent Issue on 64K bits/sec (7khz)  
Audio Coding

NTL will grant, on reasonable terms and conditions, licenses under its Patents to all users solely for their use in complying with the Recommendation, but on condition that any such user first express willingness to grant to NTL, for itself and its subsidiaries, on reasonable terms and conditions, licenses of similar scope under such user's Patents, if any, for use in complying with the Recommendation.

Any application for a license under NTL's Patents pursuant to this Statement should be made to:

Director, Licenses  
Northern Telecom Limited  
P.O. Box 458, Station "A"  
Mississauga, Ontario, Canada  
L5A 3A2

As used herein,

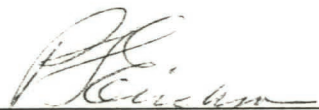
"Patents" means patents for inventions made prior to the adoption of the Recommendation which patents are owned or controlled by the grantor (NTL or the user) or its subsidiaries; provided, however, that in no event will any licenses granted pursuant to this commitment include licenses under any patent the use of which is not essential to meeting the Recommendation or which can be avoided by those skilled in the art through the exercise of their best efforts.

Such Patents shall include patents and patents resulting from patent applications listed in Appendix "A" hereto.

"Recommendation" means a recommendation by the CCITT for a preferred algorithm for encoding high quality speech signals at 64, 56 or 48 kbit/s and combining with auxiliary data channels at 8 kbit/s or 16 kbit/s to be transmitted at a bit rate of 56 kbit/s or 64 kbit/s over digital links.

NORTHERN TELECOM LIMITED

by

  
Vice-President  
Patents and Licenses

Date: May 29, 1986

SCHEDULE "A"

PATENTS AND PATENT RIGHTS

U.S. Patent 4593398

Patent Issue Date: 3 June 1986

European Patent Application 84107530.2

Application date: 29 June 1984

Designated States: Austria  
France  
Italy  
Netherlands  
Sweden  
United Kingdom  
West Germany

Japanese Patent Application 147750/84

Application Date: 18 July 1984

Canadian Patent Application 432615

Application Date: 18 July 1983

Inventor: D.J. Millar

Assignee: Northern Telecom Limited

Title: Adaptive Differential PCM System  
with Residual-driven Adaptation of  
Feedback Predictor