

Overseas Major Affiliates

Europe

UNITED KINGDOM

Furukawa Electric Europe Ltd. (FEEL)

HUNGARY

Furukawa Electric Institute of Technology Co.,Ltd. (FETI)

FCI Furukawa Composite Insulator Ltd. (FCI)

THE NETHERLANDS

Furukawa Finance Netherlands B.V. (FFN)

CZECH REPUBLIC

Furukawa Electric Autoparts Central Europe s.r.o (FACE)

Asia

MALAYSIA

FE Magnet Wire (Malaysia) Sdn. Bhd. (FEMM)

FE Engineering & Consultancy Sdn. Bhd. (FEEC)

Alpha Industries Sdn. Bhd. (ALPHA)

SINGAPORE

Asia Cable Engineering Co., Pte. Ltd. (ACECO)

Furukawa Electric Singapore Pte. Ltd. (FES)

Furukawa Electric Engineering Pte. Ltd. (FEE)

INDONESIA

P.T. Furukawa Supreme Optical Cable (FSOC)

P.T. Tembaga Mulia Semanan (TMS)

P.T. Furukawa Indal Aluminum (FIA)

P.T. Asiabumi Furukawa (ABF)

VIETNAM

CFT Vina Copper Co., Ltd. (CFT)

PHILIPPINES

C.M. Furukawa Philippines Inc. (CMF)

Furukawa Electric Autoparts (Philippines) Inc. (FEAP)

T.H. Furukawa Electric Philippines Corporation (TFEP)

THAILAND

Bangkok Telecom Co., Ltd. (BTC)

FEC Thai Holding Co., Ltd. (FTH)

Furukawa FITEL (Thailand) Co., Ltd. (FFT)

Thai Fiber Optics Co., Ltd. (TFOC)

Thai Furukawa Unicomm Engineering Co., Ltd. (TFU)

Furukawa Metal (Thailand) Public Co., Ltd. (FMT)

Thai Metal Processing Co., Ltd. (TMP)

Furukawa Precision Thailand Co., Ltd. (FPT)

THE REPUBLIC OF KOREA

Shin Chang Connector Co., Ltd. (SCC)

TAIWAN

Asia Vital Components Co., Ltd. (AVC)

Taho Engineering Co., Ltd. (TAHO)

Circuit Foil Taiwan Corporation (C.F. TAIWAN)

Taiwan Furukawa Electric Co., Ltd. (TWF)

PEOPLE'S REPUBLIC OF CHINA

Shanghai Sunshine Copper Products Co., Ltd. (SSC)

Shianfu Optical Fiber & Cables Co., Ltd. (SHIANFU)

Tianjin Jinhe Electric Engineering Co., Ltd. (JINHE)

Shenyang Furukawa Cable Co., Ltd. (SHENYANG)

Furukawa Dengyo (Tianjin) Co., Ltd. (FDC)

Furukawa GP Auto Parts (HK) Ltd. (FGP)

Furukawa Electric Hong Kong Ltd. (FEHK)

North America

UNITED STATES

Furukawa Electric North America, Inc. (FENA)

Lear Furukawa Corporation (LFC)

International Components Technologies Corporation (ICTC)

FEMCO Magnet Wire Corporation (FEMCO)

FITEL Technologies Inc. (FTI)

FITEL Interconnectivity Corporation (FIC)

Furukawa Electric North America APD, Inc. (FENA APD)

Optical Communication Products, Inc. (OCP)

Computer Memory Disc Corporation (CMD)

Fitel USA Corporation (FUSA)

OFS FITEL LLC

OFS Brightwave LLC

OFS Brightwave Carrollton LLC (BWC)

CANADA

FEJ Holding Inc. (FEJH)

FEJ Sales Inc. (FEJS)

Phillips Fitel Inc. (PFI)

Central America

MEXICO

Furukawa Mexico, S.A.De C.V. (FURMEX)

South America

BRAZIL

Furukawa Industrial S.A. Produtos Eletricos (FISA)

Furukawa Empreendimentos Engenharia E Construcoes Ltda (FE)

MBK Furukawa Sistemas S.A. (MFS)

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URL : <http://www.furukawa.co.jp/>

Paid-in Capital

¥59,234 million (As of March 31, 2002)

Number of Shares of Common Stock Issued

655,633 thousand (As of March 31, 2002)

Branches

Osaka, Nagoya, Fukuoka, Hiroshima, Sendai and Sapporo

Sales Offices

Takamatsu, Toyama, Hamamatsu, Toyota, Naha, Hachinohe, Kobe
and Kitakyushu

Manufacturing Facilities

Chiba, Nikko, Hiratsuka, Oyama, Mie, Osaka, Fukui, Kyushu, Shiga,
Kambara, and Shinagawa

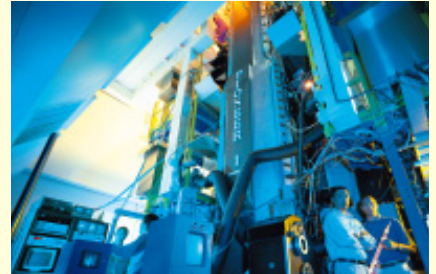
Research Laboratories

Yokohama R&D Laboratories
Metal Research Center
Ecology & Energy Laboratory
FITEL Network Laboratory
FITEL Photonics Laboratory
Automotive Technology Center



Head Office

COVER PAGE



The History of Pioneer I

The draw tower named Pioneer I was designed and built at Bell Laboratories in 1982. The cylindrical design was chosen for its inherent stability, resistance to vibration and its ability to accommodate two draw lines. Initial studies using this tower centered around the demonstration of very high-strength fiber for undersea applications. In the early development stage, the required processing conditions and the resultant proof-testing of relatively long lengths of fiber at levels of 200-500 kpsi became the subjects of discussion in specialized publications. As draw speeds began increasing, the first efficient helium fiber chiller was developed on this tower and then transferred to manufacturing. During the late 1980's, the first carbon coated fiber, which showed considerable resistance to static fatigue and hydrogen diffusion, was also developed on this tower. This work was honored with an R&D 100 Award in 1988 as one of the 100 most significant new technical products of the year. In the early 1990's, PMD was becoming a serious problem requiring immediate solution, and the Pioneer I draw tower was deployed to develop the GULP process for introducing twists into the fiber. The process, which was developed, tested, and transferred into manufacturing within several months, had a major impact on fiber production and has since been used extensively worldwide for lowering PMD. In the 1990's, erbium-doped fibers were developed and the tower was used for several years in the initial phase of commercial production. The Pioneer I draw tower remains in service to this day, for the development of microstructure fibers as well as many new fiber designs for transmission and specialty fiber devices.

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www.furukawa.co.jp

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