Батлав: УБДС ТӨХК-ний
Ерөнхий инженер
..... Б.Батбаяр

2019 оны хөрөнгө оруулалтын төлвөлгөөнд тусгагдсан ‘УБДС’ ТӨХК ДҮТ, ДЦС №3,4-ийн хооронд харилцаа шуурхай холбоог шинэчлэх техникийн тодорхойлолт

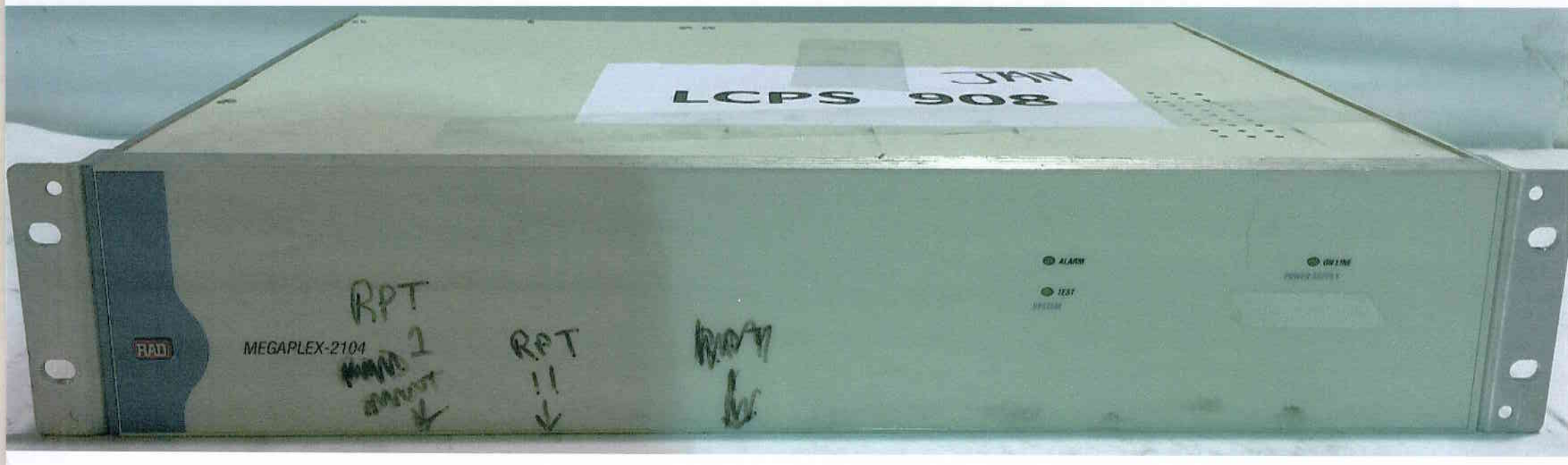
Шилэн кабелийн хувиргах төхөөрөмжийн загвар үзүүлэлт:

№	Сэлбэгийн нэр	Загвар	Тоо ширхэг
1	Иж бүрэн MUX төхөөрөмж	Megaplex-04/FXS8/E1/DC	1
2	E1 оптик линк модуль	FIB1-E1R-SC-20B	1
3	E1 оптик линк модуль	FIB1-E1R-SC-20A	1
4	CBL-VC8/FXS cable	MP-2100M-ML-1E1	1
5	Сүлжээний кабель	UTP cat6	1

Тайлбар: 2019 оны хөрөнгө оруулалт, их засварын ажлын хүрээнд УБДС ТӨХК болон эрчим хүчний байгууллагуудын хооронд харилцах шуурхай ажиллагааг сайжруулах найдвартай ажиллагааг дээшлүүлэх.

Хянасан: ХХАлбаны дарга Г.Ганхуяг

Техникийн тодорхойлолт бичсэн: ХХА-ны инженер А.Ганхуяг


LCPS 908
RAD
MEGAPLEX-2104
RPT
1
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ALARM
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ML-2
E1
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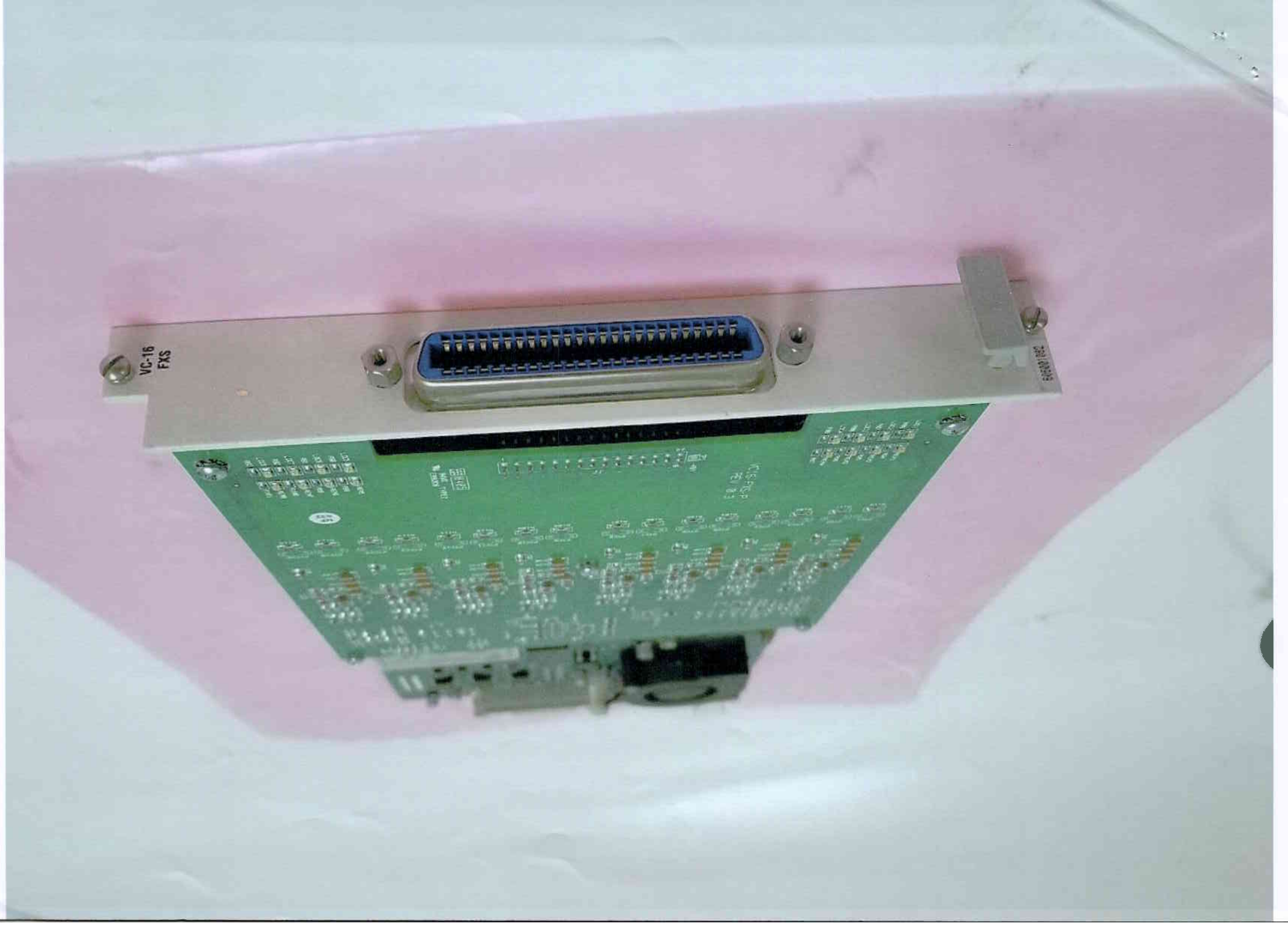
VC-16
FXS

Megaplex-2100/2104

Modular Integrated Access Multiplexers

- Multiple n x 64 kbps, E1/T1 or fractional E1/T1 main links, with combined TDM capacity of up to 8 Mbps (124 timeslots)
- 10/100-Mbps IP access link for transparent circuit extension over IP, employing RAD's TDMoIP technology
- Self-healing TDM E1/T1 rings and Resilient Fast Ethernet Ring (RFER) technology (under 50 msec switchover protection)
- Wide range of I/O modules for ISDN, voice, low-speed, high-speed, teleprotection, Ethernet, ISDN and more

MP-2100/2104 is a modular integrated access TDM multiplexer, which integrates multiple dedicated data, voice, ISDN and LAN channels over multiple main (network) links. MP-2100/2104 equipped with 8-port main link modules in conjunction with 12-port high-speed modules provides a traffic payload capacity of up to 248 DS0 timeslots.

The flexible, modular MP-2100/2104 with a wide choice of I/O (user interface) modules was designed for applications ranging from small campus networks to multi-site corporate networks or extensive carrier access solutions.

The equipment conforms to international standards, ensuring compatibility in multi-vendor environments worldwide.

MARKET SEGMENTS

Megaplex-2100/2104 can be used in the following applications:

- Megaplex provides multiservice access for utility and transportation companies, to reduce the number of units needed to collect all the traffic, low speed, high speed, teleprotection, voice, teleconference and more (see *Figure 1* and *Figure 2)*
- Megaplex can be used to keep the huge installed base by maintaining legacy and special services while enabling carrier network migration to NGN/PSN. It can be deployed at the carrier's point-of-presence, in the exchange, or at an organization's central office, as well as remote sites, (see *Figure 3* for carrier extension over copper lines).

Megaplex enables carriers to successfully deploy bundled services, ISDN services and Internet access. The integration of a broad range of services makes Megaplex a cost-effective access device, with reduced deployment and maintenance costs.

Megaplex with TDMoIP technology provides a cost-effective, versatile and modular solution for transmitting legacy TDM traffic over IP networks. This is especially suitable for large corporations, utilities or power companies that are seeking a future-proof migration path to IP networks.

INTEROPERABILITY

Megaplex-2100/2104 is interoperable with Megaplex-4100, ASMi, IPMUX, DXC and FCD devices, and can interwork with third-party devices or networks complying with PDH and Ethernet standards.

ACCESS+

TDMoIP Driven

RAD data communications
The Access Company

Applications

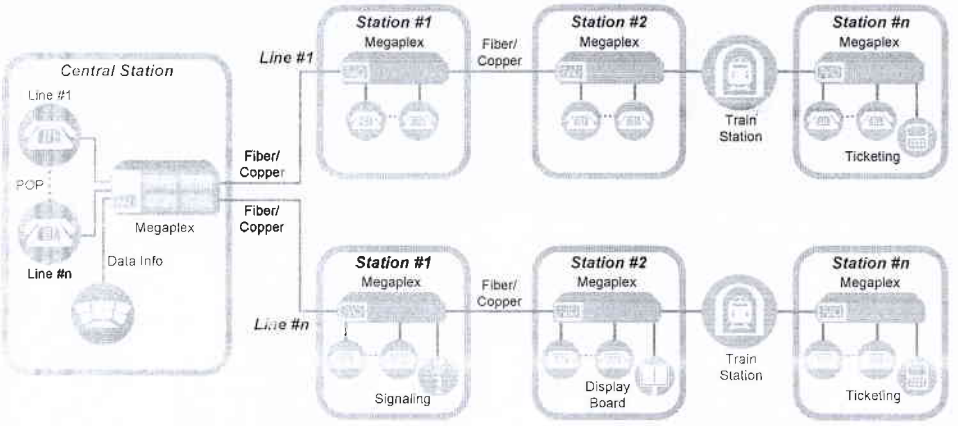

Figure 1. Omnibus Teleconference Voice Application for Railway Connectivity

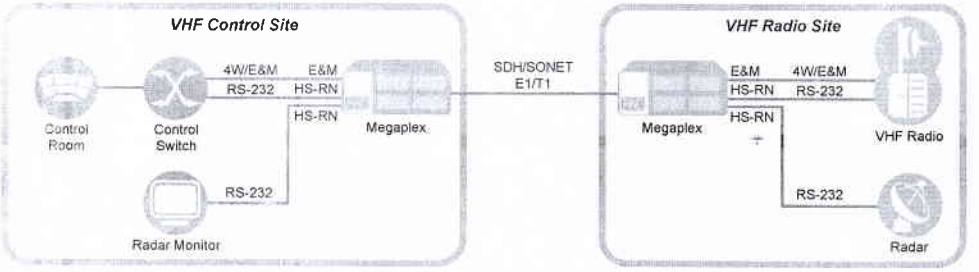

Figure 2. Air Traffic Control using VC-4/E&M/POS Modules

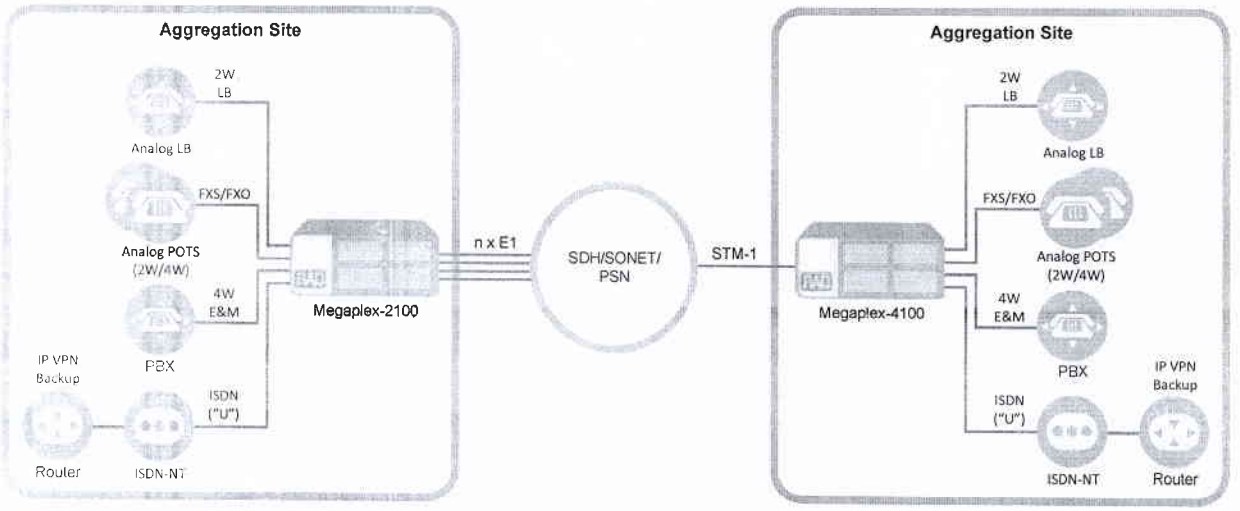

Figure 3. Carrier Network Migration