



**EUROVISION**  
RIGHT HERE.

# Beijing Olympics

**WBU-ISOG** forum

June 12-13, 2008

- + General setup
- + Services offered
- + Trends



EBU·UER

EUROVISION

RIGHT HERE.

part 1  
General setup



**EUROVISION**  
RIGHT HERE.

# Multilaterals

- + 12 x SD
- + 2 x HD
- + TV production HD
- + Audio Dolby 5.1 Surround sound



**EUROVISION**  
RIGHT HERE.

# Exclusive circuits

- |                 |                 |                 |
|-----------------|-----------------|-----------------|
| + <b>ATORF</b>  | + <b>FRFT2</b>  | + <b>ROTVR</b>  |
| + <b>CHDRS</b>  | + <b>FRFT3</b>  | + <b>RUNTV+</b> |
| + <b>DKDR</b>   | + <b>HRHRTV</b> | + <b>SKSTV</b>  |
| + <b>ESTVE</b>  | + <b>ITRAI</b>  | + <b>JURTV</b>  |
| + <b>FREUSP</b> | + <b>PLTVP</b>  |                 |
| + <b>GRERT</b>  | + <b>RUC1R</b>  |                 |
| + <b>IERTE</b>  | + <b>SESVT</b>  |                 |
| + <b>NONRK</b>  | + <b>TRTRT</b>  |                 |
| + <b>RSUJRT</b> | + <b>BGBNT</b>  |                 |
| + <b>RURTR</b>  | + <b>DEZDF</b>  |                 |
| + <b>SIRTVS</b> | + <b>EEETV</b>  |                 |
| + <b>BEVRT</b>  | + <b>FRC+</b>   |                 |
| + <b>DEARD</b>  | + <b>GBBBC</b>  |                 |
| + <b>DKTV2</b>  | + <b>HUMTV</b>  |                 |
| + <b>FIYLE</b>  | + <b>NLNOS</b>  |                 |

- |                   |
|-------------------|
| + <b>SD feeds</b> |
| + <b>HD feeds</b> |



**EUROVISION**  
RIGHT HERE.

# Beijing teleport

- + 4 dishes
- + 15x 36MHz  
(Asiasat2,ABS1  
Intelsat 706,W5)?
- + 19 dark fibers



EBU·UER

EUROVISION

RIGHT HERE.

# Turn around **Europe**

- + Frankfurt(DE)?
- + London(GB)?
- + Paris(FR)?
- + Rambouillet(FR)?
- + Unsingen (DE)?
- + Hilversum (NL)?
- + Ankara (TR)?
- + Nicosia (CY)?
- + Jerusalem(IS)?



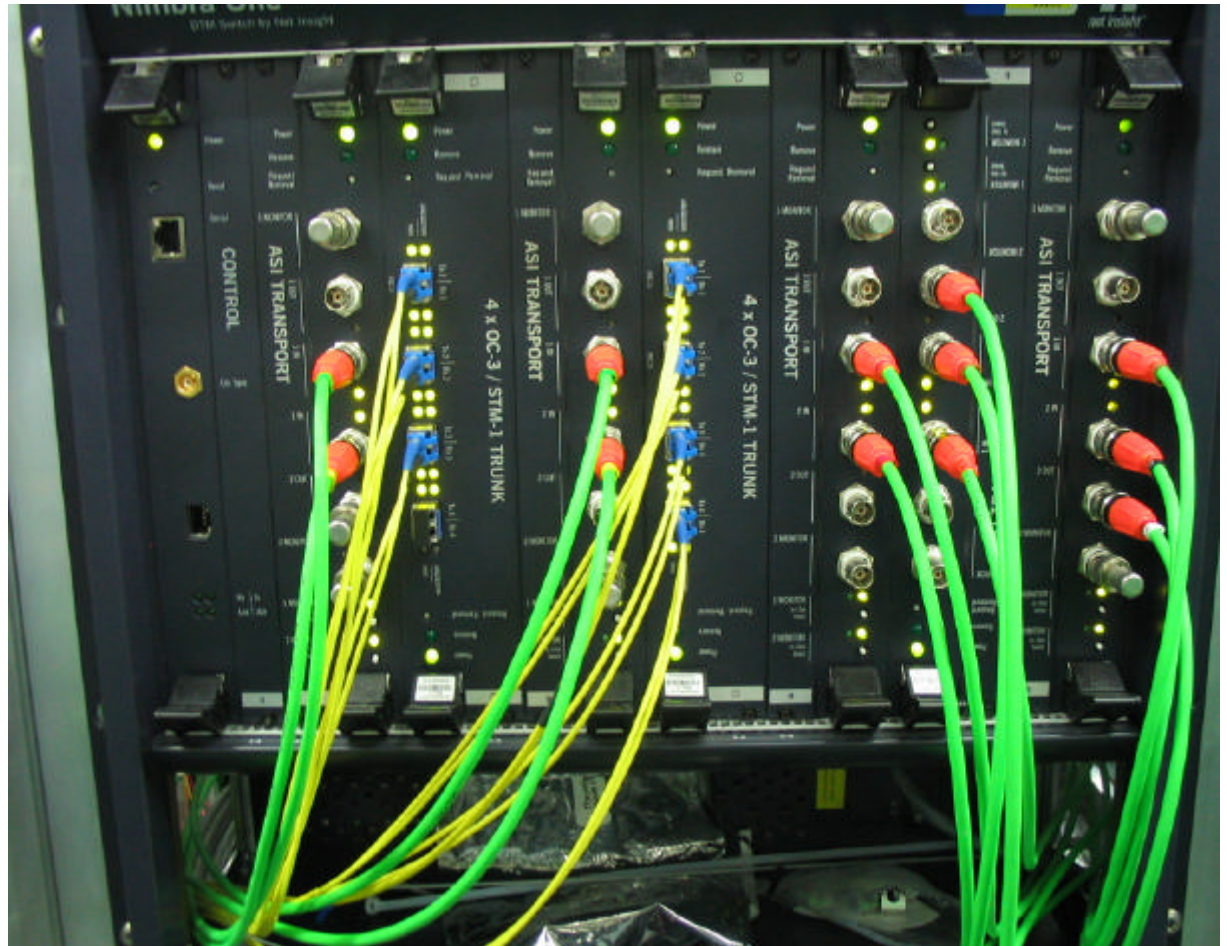
EBU-UER

**EUROVISION**

RIGHT HERE.

# Fiber Extension

+ 7 Nimbra nodes

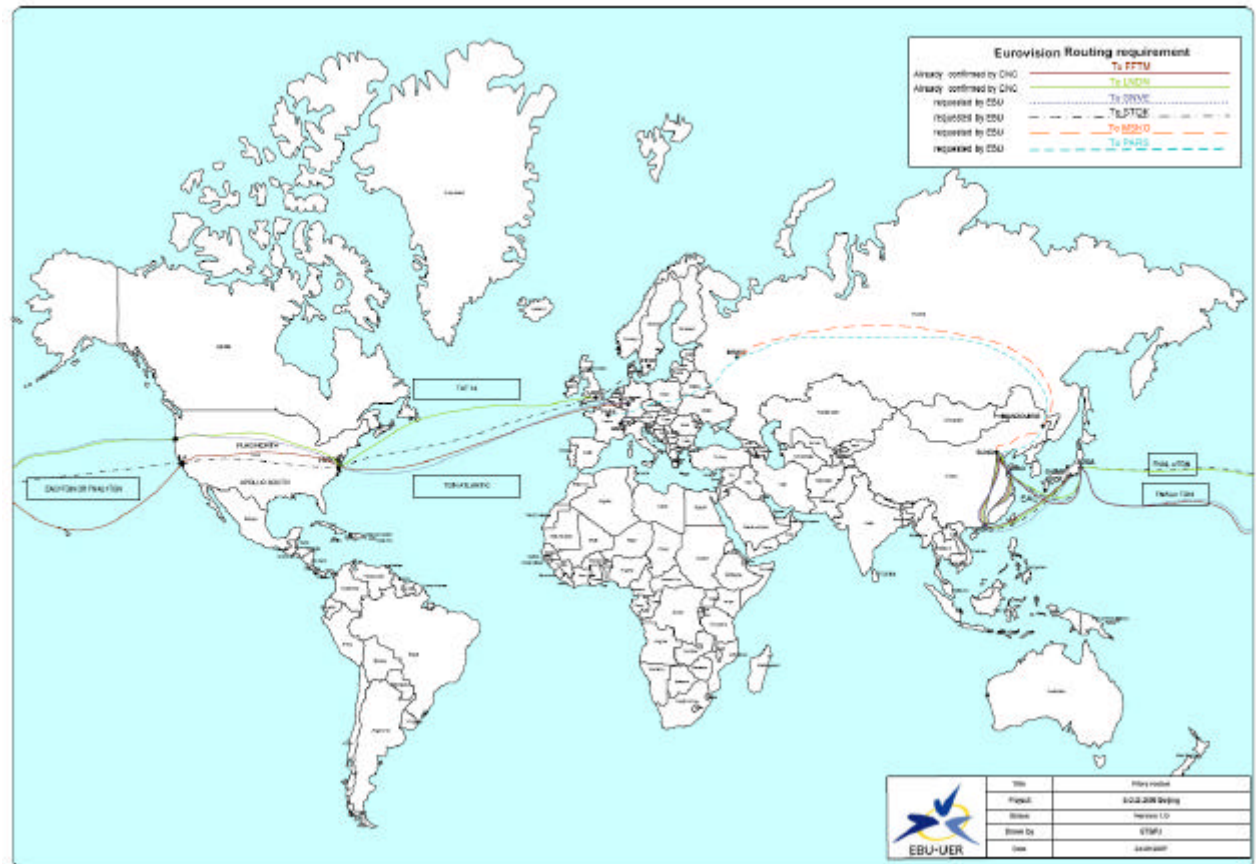


**EUROVISION**  
RIGHT HERE.



# Fiber Extension

- + 7 STM4 circuits
- + Diversified routing



**EUROVISION**  
RIGHT HERE.

# Eurovision news feed **2 locations**



EBU·UER

EUROVISION

RIGHT HERE.

part 2  
Services offered



**EUROVISION**  
RIGHT HERE.

# Video feeds **HD / SD**

- + **IRD/Decoders** provided
- + SD: 15-24 Mbit/s MPEG2 4:2:2
- + HD: 34-60 Mbit/s MPEG2 4:2:2
- + ASI connection also available



**EUROVISION**  
RIGHT HERE.

# Data connections Ethernet Pipe

- + From 5 to 100Mbit/s
- + TCP acceleration
  - > Some requests for IP services only



EUROVISION  
RIGHT HERE.

part 3  
Trends



EBU·UER

EUROVISION

RIGHT HERE.

# Trends

- + Increase in capacity (Nb of feeds, exclusive circuits)?
- + Interactive services (IP based connections, low bit rate returns)?
- + Fibre from site, complementary satellite distribution
- + H264 to replace MPEG2 for HD in the middle term



**EUROVISION**  
RIGHT HERE.

Thank you for attention



**EUROVISION**  
RIGHT HERE.