TDF company
NASB annual meeting

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May 2011
TDF company

TDF relay stations
Profile of the TDF Group

- A European Group
- №1 Broadcaster in Europe
- Experts in audiovisual broadcasting terrestrial TV, satellite, internet etc.
- 10,000 sites available worldwide
- Designing telecom networks
- A group focused on client services
A European Group

Three main activities in the Group
- Broadcasting
- Telecommunications
- Multimedia

Committed to providing a high quality of service

A major player in the process of digitalization
- Digital Terrestrial Television
- Digital Radio (European Eureka 147 system)
- Digital Radio Mondiale (DRM)
TDF companies

Group TDF entities in Europe

- MEDIA BROADCAST
  - Germany
- Digita
  - Finland
- Antenna
  - Hungary
- Axión
  - Spain
- Levira
  - Estonia
- MCR
  - Monaco
- TDF SAS
  - France
- Alticom
  - Netherlands
- PSN
  - Poland
Employees

<table>
<thead>
<tr>
<th>Country</th>
<th>Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>France</td>
<td>2,830</td>
</tr>
<tr>
<td>Germany</td>
<td>1,040</td>
</tr>
<tr>
<td>Hungary</td>
<td>500</td>
</tr>
<tr>
<td>Finland</td>
<td>380</td>
</tr>
<tr>
<td>Other countries</td>
<td>300</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>5,050</strong></td>
</tr>
</tbody>
</table>

NASB annual meeting, may 2011
Shareholders

<table>
<thead>
<tr>
<th>Year</th>
<th>Ownership Structure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1975</td>
<td>TDF was founded</td>
</tr>
<tr>
<td>1991</td>
<td>TDF, 100% subsidiary of France Télécom</td>
</tr>
<tr>
<td>2002</td>
<td>36% France Télécom, 63% CDC and Charterhouse, 1% other</td>
</tr>
<tr>
<td>2005</td>
<td>55% Charterhouse, 44% CDC, 1% other</td>
</tr>
<tr>
<td>2006</td>
<td>42% TPG, 24% CDC, 18% Axa Private Equity, 14% Charterhouse, 2% other</td>
</tr>
</tbody>
</table>
Consolidated sales figures for 2010-2011: more than 1,5 billion Euros
Sites Operated by TDF

<table>
<thead>
<tr>
<th>Country</th>
<th>Sites Operated</th>
</tr>
</thead>
<tbody>
<tr>
<td>France</td>
<td>8,400</td>
</tr>
<tr>
<td>Germany*</td>
<td>930</td>
</tr>
<tr>
<td>Hungary</td>
<td>240</td>
</tr>
<tr>
<td>Finland</td>
<td>550</td>
</tr>
<tr>
<td>Other countries</td>
<td>650</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>10,770</strong></td>
</tr>
</tbody>
</table>

* Property of Deutsche Telekom
Broadcasting: digital television, DTT, HDTV, Catch-Up TV, VoD, Mobile TV, satellite links, analogue radio, digital radio
The TDF Group is Europe’s number 1 audiovisual broadcaster.

Of the 10 European countries with DTT, the Group has rolled it out in 6: Finland, Germany, Andalusia, France, Estonia and Hungary.

The Group has trialed push VOD and Catch-Up TV services on DTT.

The Group has also launched out several mobile TV networks in Europe.

TDF was the first broadcaster to provide HDTV services using radio waves in Europe (starting in 2008 in France).

The Group’s shortwave centers offer international radio stations specifically adapted service in Africa, Middle East Europe, Latin America, Caribbean and most of the US.
TDF Activities : Telecommunications

Telecommunications : network design, roll-out, operation and maintenance, equipment hosting, mobile telephone, network and broadband.

Solutions and expertise in three areas: site operation, integrated services, and operator for operators.
TDF activities: Multimedia

- Digital content management
- Video service platforms
- Electronic transfer of digital files
- Audiovisual broadcasting online
- V-Trafic, a global real-time traffic information service
TDF is committed to offering excellent service based on reactivity, proximity and efficiency.

It implements a quality assurance process in all of its locations.

Particular attention is paid to network monitoring, information about incidents and restoring service.

It actively encourages preventive maintenance to guarantee the best service continuity possible.

Antenna Hungária, Levira, MEDIA BROADCAST, Mediamobile and TDF SAS are the Group’s ISO 9001 certified members.
TDF Relay Station

May 2011
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TDF relay stations
Short Wave relay station - TDF Group

ISS (TDF) : Issoudun / France
WER (MB) : Wertachtal / Germany
NAU (MB) : Nauen / Germany
GUF (TDF) : Montsinery / French Guiana
Issoudun, France

Operated since 1948 (modernised in 1972, 1993 and 2007)

- 17 transmitters 500 kW
- All 500 kW transmitters can operate with reduced HF-power from 100kW to 250 kW
- 2 transmitters ready for DRM transmission from 30 to 150 kW

Type of transmitters and antenna systems:

- 12 rotatable antennas systems can be switched over to cover near, medium or far ranges (1 usable in 4 MHz band)
- 50 far / medium / near range curtain antenna systems
Operated since 1972
- 6 transmitters from 100 kW to 500 kW
- 9 transmitters ready for DRM transmission 40kW, 60kW and 200kW

Type of transmitters and antenna systems:
- 70 far / medium / near range curtain antenna systems
- 1 log-per horizontal polarized antenna system
- 5 Omni-directional antenna systems
Operated since 1906 (modernised in 1997)
- 5 transmitters from 100 kW to 500 kW
- 5 transmitters prepared for DRM transmission

Type of transmitters and antenna systems:
- 5 rotatable far range curtain antenna systems for far ranges
- 3 rotatable antenna systems can be switched over to cover nearby and medium ranges
Montsinéry (GUF), French Guyana

Operated since 1984 (modernised in 2006)
- 5 transmitters from 250 kW to 500 kW
- the 250 kW can operate since 100 kW
- 1 transmitter prepared for DRM transmission (30kW-150kW)

- 2 rotatable antennas systems can be switched over to cover near, medium or far ranges
- 11 far / medium / near range curtain antenna systems
Montsinéry : coverage

The main target areas are for example:

- West Africa
- South America
- Central America
- Caribbean
- North/East America
Montsinéry : main targets (fixed Antenna)
TDF-Group: Shortwave business

- TDF want to stay a reference for Short Wave transmissions activities for the next few years
- According to the need of radio broadcasters
- Staying involved on DRM activities
- Ready to extend services with actual customers or new customers
50 years’ expertise in SW broadcasting

Four Short-wave (SW) broadcasting stations in Germany (Nauen, Wertachtal), France (Issoudun) and French-Guyana (Montsinery) providing “state of the art” technical equipment

"All-inclusive" service including frequency planning and coordination, transmission schedule, antenna selection, ...

Program contribution to the transmitter site via the Internet (audio files), ISDN, satellite, leased line, ...

TDF Group is playing an active role in the development and implementation of Digital Radio Mondiale (DRM).

Regular DRM transmissions are being operated by the TDF Group for more than five years
Thank You!