



TETRA Interoperability Declaration of private testing

E TELM

FUNKWERK
Security Communications GmbH

Manufacturers	Product	Software Release No.	Dates of testing
FUNKWERK	FT 4.	V 0.1.51	15.12.2011
E TELM	TSW10	V 2.01	

FUNKWERK Security Communications GmbH and E TELM have performed a **private** IOP test session during the dates indicated above operating in accordance with:

TETRA Interoperability Profile

TIP Part 1	Core	TTR 001-01
TIP Part 2	SDS	TTR 001-02
TIP Part 4	Authentication	TTR 001-04
TIP Part 11	AIE	TTR 001-11

E TELM and FUNKWERK Security Communications declare that the E TELM TSW10 Infrastructure and FUNKWERK TETRA Terminal FT4 have been subject to private Interoperability testing according the TETRA Association process for TETRA Interoperability Certification.

The table lists the applicable TETRA Interoperability Profiles (TIP) and summarizes the main functionalities of every profile according to the TETRA Interoperability requirement tables (TIC-RT).

Authorised test engineer

E TELM

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Authorised test engineer

FUNKWERK
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TETRA Interoperability Profile, TTR 001-01: Core	
Registration	Certified
Groupmanagement	Certified
Group Call	Certified
Individual Call	Certified
Status Messages	Certified
Pre-emptive Priority Call	Certified
Emergency Call	Certified
Cell re-selection	Certified
PSTN Interconnect	Certified
MS-ISDN Numbering	-
In Call Signalling	Certified
Subscriber Class Procedures	Certified
Common Secondary Control Channels	Certified
BS Fallback Operation	Certified
Energy Economy Mode	-
Transmit Inhibit	-
Mixed Band Operation	-

TETRA Interoperability Profile, TTR 001-02: SDS	
SDS Type 1, 2 or 3	-
SDS TL	Certified
Store and Forward	-

TETRA Interoperability Profile, TTR 001-04: Authentication	
SwMI initiated (non-mutual) Authentication	Certified
SwMI initiated Authentication made mutual by MS	Certified
TEI Query	-

TETRA Interoperability Profile, TTR 001-11: Air Interface Encryption	
Security Class 2 Air Interface Encryption	Certified
Security Class 3 Air Interface Encryption	-
Security Class 3G Air Interface Encryption	-
Change of CMG and GSKO	-
Key Status Demand	-
Change of Security Class for Fallback Operation	-
Change of Security Class (other than für Fallback Operation)	-
Key Management for Secure Direct Mode Operation	-