

Summary of Sepura plc IOP Certification (February 2016)

Trunked Mode This table shows where Sepura radios have been certified with TETRA infrastructures

TIP REFERENCE	CAPABILITY	INFRASTRUCTURE													
		Sepura Systems	Airbus	Motorola	Selex	Teltronic	Hytera	Rohill	Thales	Etelm	Artevea	Damm	Harris	Eastcom	
TTR001-01 \$6	Registration	P	P	P	P	P	P	P	P	P	P	P	P	P	
TTR001-01 \$7	Individual call (with queuing)	P	P	P	P	P	P	P	P	P	P	P	P	P	
TTR001-01 \$8	MS initiated Group Management	P	P	P	P	P	P	P	P	P	P	P	P	P	
TTR001-01 \$8.7	SwMI initiated Group Management	-	P	-	-	-	P	-	-	P ₁	-	P	-	-	
TTR001-01 \$9	Group call (with late entry)	P	P	P	P	P	P	P	P	P	P	P	P	P	
TTR001-01 \$7.5	Emergency call - individual call	P	P	P	P	P	P	P	P	P	P ₁	P	P	P	
TTR001-01 \$9.6	- group call	P	P	P	P	P	P	P	P	P	P ₁	P	P	P	
TTR001-01 \$7.3.2	Call setup modifications (individual./group)	-	P	-	-	-	P	-	-	-	-	P	-	-	
TTR001-01 \$10	Cell re-selection - with call handover	P	P	P	P	P	P	P	P	P ₁	P	P	P	P	
TTR001-01 \$10	- Seamless	-	P	-	-	-	-	-	-	-	-	P	-	P	
TTR001-01 \$10.2.1	- Expedited	-	P	-	-	-	-	-	-	-	-	-	-	-	
TTR001-01 \$12	Telephone call	P	P	P	P	P	P	P	P	P	P ₁	P	-	P	
TTR001-01 \$13	BS Fallback operation	P	P	P	P	P	P	P	P	-	-	P	P	P	
TTR001-01 \$6.7	Subscriber Class	-	P	P	P	-	P	P	-	P	-	P	-	P	
TTR001-01 \$14.1.10	Common Secondary Control Channels	P	P	P	P	P	P	P	P	P	-	P	P	P	
TTR001-01 \$16	Transmit Inhibit	P	P	P	P	P	P	P	-	P	-	P	P	P	
TTR001-01 \$14.1.7	Mixed Band Operation	-	P	P	-	P	-	-	-	-	-	P	-	-	
TTR001-01 \$11	SDS Status	P	P	P	P	P	P	P	P	P	P	P	P	P	
TTR001-02	SDS Type 4 (with TL)	P	P	P	P	P	P	P	P	P	P	P	P	P	
TTR001-02	- with Store and Forward	P	P	P	-	-	-	-	-	-	-	-	-	P	
TTR001-02 \$6.3.3	- with Unicode text coding scheme	-	P	P	P	P	P	P	-	P	P ₁	P	-	P	
TTR001-03	DGNA	P	P	P	P	P	P	P	P	P	-	P	P	P	
TTR001-04	Authentication (& made mutual)	P*	P	P	P	P	P	P	P	P	-	P	-	P	
TTR001-04 \$6.4	TEI Query	-	P	-	-	-	-	-	-	-	-	-	-	-	
TTR001-05	Packet Data	P	P	P	P	P	P	P	P	-	-	P	-	P	
TTR001-05	- Multi Slot	-	-	P	P	P	P	P	-	-	-	P	-	P	
TTR001-07	FSSN (Fleet Specific Short Number)	-	P	-	-	-	-	-	-	-	-	-	-	-	
TTR001-09	Ambience Listening	P	P	P	P	P	P	P	P	P	-	P	-	P	
TTR001-09 \$6.1	- interaction with Transmit Inhibit	P	P	P	P	P	-	P	-	-	-	P	-	P	
TTR001-10	End to End Encryption	P	P	P	P	P	P	P	P	P	-	P	-	-	
TTR001-11 \$2.3.6	Air Interface Encryption - class 2	P	-	P	P	-	P	P	P	-	-	-	-	-	
TTR001-11 \$2.3.7	- class 3	-	P	P	P	P	P	P	P	-	-	P	-	-	
TTR001-11 \$6.1.4	- class 3G	-	-	P	-	-	-	-	-	-	-	-	-	-	
TTR001-12	Service interaction	P	P	P	P	P	P	P	-	-	-	P	-	-	
TTR001-13	Enable-Disable	P	P	P	P	P	P	P	P	-	-	P	-	-	
TTR001-14	TETRA Key Distribution	P	P	P	-	P	-	P	-	-	-	-	-	-	
TTR001-16	Air to Ground	-	P	-	-	-	-	-	-	-	-	-	-	-	
TTR001-17	RUA (Aliasing)	-	P	P	-	-	-	-	-	-	-	-	-	-	
TTR001-19	LIP	P	P	P	-	P	P	-	-	-	-	P	-	-	
TTR001-20	Call Forwarding	P	P	-	P	-	P	-	-	-	-	P	-	-	
TTR001-21	Callout	-	P	P	-	-	-	-	-	-	-	-	-	-	

Declaration of Commonality

Sepura declares that Certification applies to all its current products, in all available frequency bands.

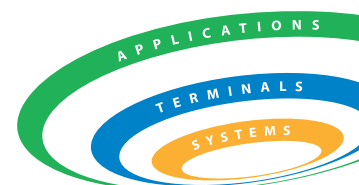
All formal IOP Certificates can be found on www.tandcca.com

* non-mutual authentication only



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For more information visit www.sepura.com



Direct Mode This table shows where Sepura radios have been certified with TETRA terminals

TIP REFERENCE	CAPABILITY	DMO TERMINALS						
		Sepura	Airbus	Motorola	Selex	Clartone	Tetronic	Thales
TTR002-01 §9.1.2	Group call	P	P	P	P	P	P	P
TTR002-01 §9.2.4	- Changeover	P	P	P	P	P	P	P
TTR002-01 §9.4	- Late Entry	P	P	P	P	P	P	P
TTR002-01 §9.2.5	- Pre-emption	P	P	P	P	P	P	P
TTR002-01 §9.1.3	Individual call	P	P	P	-	P	P	-
TTR002-01 §9.2.5	- Pre-emption	P	P	P	-	P	P	-
TTR002-01 §10	Status	P	P	P	P	P	P	-
TTR002-01 §12	SDSL-TL - Group Addressed	P	-	P	-	P	P	-
TTR002-01 §12	- Individually Addressed	P	-	P	-	P	P	-
	Air Interface Encryption							
TTR002-05 §6.3.1	- Group call	P	P	P	-	P	-	-
TTR002-05 §6.3.1	- Individual call	P	P	P	-	P	-	-
TTR002-05 §6.3.7	- Status messages	P	P	P	-	P	-	-
TTR002-05 §6.3.4	- Pre-emption	P	P	P	-	P	-	-

Gateway Inter-working This table shows where Sepura radios have been certified with TETRA gateway products

TIP REFERENCE	CAPABILITY	DMO GATEWAY		
		Sepura	Selex	Clartone
TTR002-02 §6.3.2	Usage Restriction Type Management	P	P	P
TTR002-02 §6.4.1/2	Call Group	P	P	P
TTR002-02 §6.6.1/2	- Changeover	P	P	P
TTR002-02 §6.7	Pre-emption	P	P	P
TTR002-02 §6.9.1/2	Status	P	-	P
TTR002-02 §6.11	SDS-TL	P	-	-

Repeater Inter-working This table shows where Sepura radios have been certified with TETRA repeater products

TIP REFERENCE	CAPABILITY	DMO REPEATER						
		Sepura (1A)	Thales		Clartone		Selex (1A)	Motorola (1A)
			1A	1B	1A	1B		
TTR002-03 §6.7	Presence Signal handling (incl. URT)	P	-	-	P	-	-	-
TTR002-03 §6.8.1.5	Group call	P	P	P ₁	P	P ₁	P	P
TTR002-03 §6.8.2.4	- Changeover	P	P	P ₁	P	P ₁	P	P
TTR002-03 §6.8.1.3	Individual call	P	-	-	P	-	-	-
TTR002-03 §6.8.2.5	Pre-emption	P	P	-	P	-	P	P
TTR002-03 §6.10	Status messages	P	-	-	P	-	-	-
TTR002-03 §6.12	SDS-TL	P	-	-	-	-	-	P
	Air Interface Encryption							
TTR002-05 §6.4.1	- Group call	P	-	-	P	P	-	P
TTR002-05 §6.4.1	- Individual call	P	-	-	P	-	-	P
TTR002-05 §6.4.4	- Pre-emption	P	-	-	P	P	-	P
TTR002-05 §6.4.5	- Status messages	P	-	-	P	-	-	P

Sepura Gateway This table shows where Sepura Gateway radios have been certified with TETRA terminals and TETRA infrastructures

TIP REFERENCE	CAPABILITY	DMO TERMINALS					
		Sepura	Airbus	Motorola	Selex	Tetronic	Thales
TTR002-02 §6.3.2	Usage Restriction Type management	P	P	P	P	P	-
TTR002-02 §6.4.1/2	Group call	P	P	P	P	P	P ₁
TTR002-02 §6.6.1/2	- Changeover	P	P	P	P	P	P ₁
TTR002-02 §6.4.3	Individual call	P	-	-	-	-	-
TTR002-02 §6.7	Pre-emption	P	-	P	P	P	-
TTR002-02 §6.9.1/2	Status	P	-	P	P	P	-
TTR002-02 §6.11	SDS-TL	P	-	P	-	P	-
	Air Interface Encryption						
TTR002-05 §6.5.1	- Group call	P	-	-	-	-	-
TTR002-05 §6.5.4	- Pre-emption	P	-	-	-	-	-
TTR002-05 §6.5.5	- Status messages	P	-	-	-	-	-

Sepura Repeater This table shows where Sepura radios operating in Repeater mode have been certified with TETRA terminals

TIP REFERENCE	CAPABILITY	DMO TERMINALS						
		Sepura	Airbus	Motorola	Selex	Clearstone	Tetronic	Thales
TTR002-03 §6.7	Presence Signal handling (inc. URT)	P	-	P	P	-	P	P
TTR002-03 §6.8.1.5	Group call	P	P	P	P	P	P	P
TTR002-03 §6.8.2.4	- Changeover	P	P	P	P	P	P	P
TTR002-03 §6.8.1.3	Individual call	P	-	P	-	P	P	-
TTR002-03 §6.8.2.5	Pre-emption	P	P	P	P	P	P	P
TTR002-03 §6.10	Status messages	P	P	P	-	P	-	-
TTR002-03 §6.12	SDS-TL	P	-	P	-	-	-	-
	Air Interface Encryption							
TTR002-05 §6.4.1	- Group call	P	P	P	-	P	-	-
TTR002-05 §6.4.1	- Individual call	P	P	-	-	P	-	-
TTR002-05 §6.4.4	- Pre-emption	P	P	P	-	P	-	-
TTR002-05 §6.4.5	- Status messages	P	P	P	-	P	-	-

Key to Symbols

- P Passed
- P₁ Evidenced by private testing
- Not Tested



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