Information needed to fill out CEPT ETS 300 330 application forms.

- 1. Quality Assurance: Yes
- 2. If yes, Certification/Accreditation Body(s): <u>ANSI-RAB</u> Standard(s) (i.e. ISO 9001, EN45001, etc. <u>ISO9001</u>
- 2. If the equipment has previously been type approved to any other ETS or I-ETS, please list. ___NONE_____
- 3. Choose Type of equipment: Transceiver
 - ◆ <u>Fixed</u> Station,
 - ♦<u>Duplex</u>.
 - ◆ Integral antenna
 - ◆Transponder (Tag): □Passive (EUT is a READER which reads PASSIVE TAGS).
- 4. ITU Class of Emission Code (s): 1K10P0N--
- 5. **Product Class:** CLASS 1
 - Class 1 Equip. Avg. area for the loop: 0.0023_m^2

6. <u>Transmitter</u>:

- Method of frequency generation: 4.0 MHz CERAMIC RESONATOR.
- **Operating Frequency:** 0.125 MHz
- Frequency Alignment Range: 0.119 MHz to 0.133 MHz.
- Channel switching frequency range: single channel
- Channel separation: ____na____
- Max. Channels of Operation: _one____
- **Operates without modulation?** Yes
- **Transmitter modulation**: none
- ♦ Maximum Rated Transmitter Output: 6.0 dB(µA/m)
- Antenna: multi-turn wire loop
- 7. RF Software Version: _Beta 7_____.
- 8. **RF Power:** (tick appropriate box)

Power at permanent external RF connector Effective Radiated Power (ERP) Effective Isotropic Radiated Power (EIRP)

Maximum measured power: _____Watts

9.	Is transmitter output power: Fixed
	If continuously variable or stepped:
	Minimum PowerA/dB(µA/m) Minimum PowerWatts
	If stepped: Step sizedB/step
10.	Is transmitter intended for <u>continuous</u> duty or <u>intermittent</u> duty? CONTINUOUS DUTY (Unit automatically duty cycles transmitter 25 msec on, 100 msec off, repeating continuously, without operator intervention) If intermittent:
	\bullet Tx ON Tx OFF _sec
	• Duty Cycle $(Tx \text{ on } + Tx \text{ off})) =$
	• Continuous operation possible for testing ? <u>Yes</u> or <u>No</u>
	During Test: Tx ONsec Tx OFFsec
11.	Signalling/Digital Transmission: Is selective signalling and/or digital transmission fitted: <u>No</u>
	If yes, is selective signalling and/or digital transmission analogue or digital.
	If analogue, state format:
	Tone frequencies:Hz
	If digital, state modulation method:
	Bit Rate:bit/sec
12.	Transmitter Power Source:
	♦ Common power source for transmitter and receiver: <u>Yes</u> .
	♦ AC Power supply: <u>No</u> . State voltage V. <u>Single or Three</u> phase.
	♦ AC supply frequencyHz.
	◆DC Power supply: <u>Yes</u> . State voltage: 12 V
	♦DC Maximum Current: .15 A
	• Other:
	Battery: <u>Nickel</u> Cadmium, <u>Mercury</u> , <u>Alkaline</u> , <u>Lead</u> Acid, <u>Leclanche</u> , <u>Lithium</u> or other, Volts
13.	Transmitter modulation : <u>Amplitude</u> , <u>Frequency</u> , <u>Phase</u> or otherNONE
14.	Transmitter Frequency or Phase modulation:
	for $\leq 12\%$ of the channel separation atHz
	Amplitude Modulation:
	for 60% modulation depth
	or declare the maximum modulation depth:%.

15.	Modulation input signal level at:				
	♦ Microphone socketmV ImpedanceOhms				
	♦ Accessory socketmV ImpedanceOhms				
	♦ *OthermV ImpedanceOhms				
	*(For use where direct connection is provided for test purposes.)				
	♦Lowest audio modulation frequency transmitted by the equipment:Hz				
16.	Transmitter Modulation bit rate bit/s.				
	Type of modulation:				
	♦ Subcarrier: <u>MSK</u> or <u>FFSK</u> .				
	♦ Direct: Direct <u>FSK</u> , <u>GMSK</u> , Generalized <u>tamed FM</u> or <u>Multilevel</u> .				
	State FM:				
	◆ <u>PLL-4PSK</u> or <u>8 PSK</u> .				
17.	Interface for data transmission:				
	♦ Signal Level: <u>V28</u> or other (details)				
	♦ Definition of signals: <u>V24</u> or other (details)				
18.	Can the EUT transmit continuous bit streams?				
	◆ If NO, give details of the format				
19.	Type of connector : 25 pin RS232, 9 pin RS232, Male, Female or				
	other(details)				
•••					
20.	Receiver Technical Characteristics:				
	♦ Operating Frequency (frequencies) :14 KH				
	Receiver frequency alignment range:none				
	Channel switching frequency range:none				
	Channel separation:				
	◆Maximum number of channels:1				
	• IF Bandwidth:no IF				
	Sensitivity:				
	◆Antenna:common to transmit, multiturn wire loop				
21.	Class of emission used (Receiver):				
	ITU Designation 1:				
	(if applicable) 2:				
22.	Receiver Power Source:				
	◆AC Power supply: <u>No</u> . State voltage V. <u>Single or Three</u> phase.				
	♦ AC supply frequencyHz.				
	◆ DC Power supply: <u>Yes</u> State voltage:12V				
	♦ DC Maximum Current:A				
	• Other:				
	Battery: Nickel Cadmium, Mercury, Alkaline, Lead Acid, Leclanche, Lithium or				
	other, Volts				

23. External power source:

	Voltage	Pin assignment	Cable length
Power source 1	12	WIRE	UP TO 152 m
Power source 2			m
Power source 3			m
Ground		WIRE	UP TO 152 m

24. If the equipment is designed to automatically switch off at a predetermined voltage level, please list cut-off voltage _____.

25. Duplex Operation:

- ♦ Is equipment intended for duplex operation: <u>Yes</u>
- ♦ Is equipment fitted with separate transmitter and receiver ant. sockets: <u>No</u>.
- Is equipment fitted with a duplex filter as an integral part of the equipment with a single antenna connection socket: <u>Yes</u> or <u>No</u>.
- ◆ Is the duplex filter externally fitted and connected to the main equipment by co-axial cable(s) <u>Yes</u> or <u>No</u>. If Yes state type and make of duplex filter ______.

26. Frequency Identification:

Equipment ID	Channel No.	Transmit Nominal	Receive Nominal
(eg serial no.)	(If applicable)	Frequency (MHz)	Frequency (MHz)

27. Integral Selective Calling: _____

28. Audio-frequency interface level at external data socket:

29. Antenna socket: None.

30. Data, control and signal ports:

Port designation	Port number	Pin assignment	Cable length
WIEGAND IO		WIRES	UP TO 152 m
LOCAL IO &		WIRES	UP TO 6 m
Control			
			m

	m