![UE Systems Inc logo] The ultrasound approach	**Ultrasound Ultraprobe 10,000 Instructions** **Performing Electrical Scans**	
Rev. 1.0	**3/2012 SAFETY: Wrist Strap to be worn at ALL TIMES**	△ **TQC** ☐ **Work** ○ **Verify**
2-5 min per	**UE Systems Training**	

1	NEVER INSERT any part of the ULTRAPROBE into any opening of any ELECTRICAL Apparatus. This includes the Rubber Focusing Probe.	

DO NOT INSERT any part Ultraprobe into Electrical Apparatus. This could result in **Electrocution or Death**!!!

All Scans should be performed with electrical apparatus/cabinet/enclosure closed and secured.
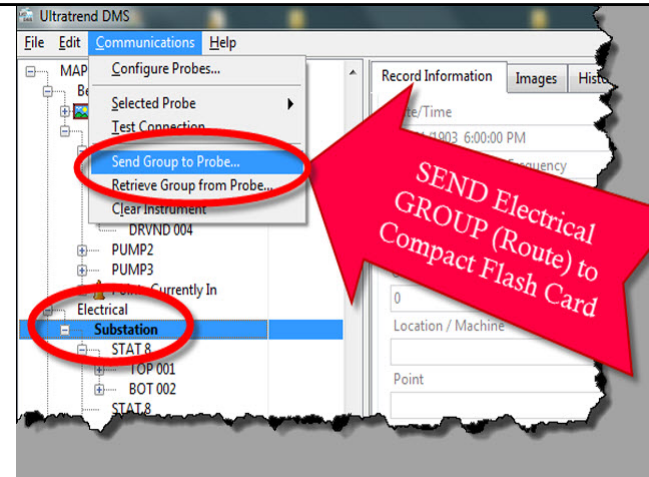
2	Needed: Ultraprobe 10,000; Compact Flash Card; Scanning Module; Rubber Focusing Probe; Headphones. Accessory: Long Range Module	

3	Insert Scanning Module (normal distance) or Long Range Module [Long Distance (i.e. ceilings)]	

NOTE

4	Send Electrical Route from P.C. from UE Ultratrend DMS to Compact Flash Card.	

SEND Electrical GROUP (Route) to Compact Flash Card

Compact Flash Card & Module Inserted Before Turning Ultraprobe On

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5	Make Sure Instrument Setup is set in Automatic Mode (General Setup Instructions)/ Load the Electical Route to the Ultraprobe. Refer to Instructions: Loading Routes.

NOTE

Refer to Visual Instructions for

Loading Routes

and

General Setup

6	Push Sens.Knob 1X to move cursor to Frequency. Rotate Freq to 40kHz.


```
- - - - >   40 KHz

   70
RT

Press ENTER    005 Rec
for Setup Menu
```

7	Push Sens Knob 1X more to return cursor to S= (Operational Home Spot for Adjusting Sensitivity).


```
29dB  40 KHz

S=47
RT

Press ENTER    007 Rec
for STORE Record
```

8	Perform Elec Survey making sure all directions and planes are scanned by Scanning in All Directions.

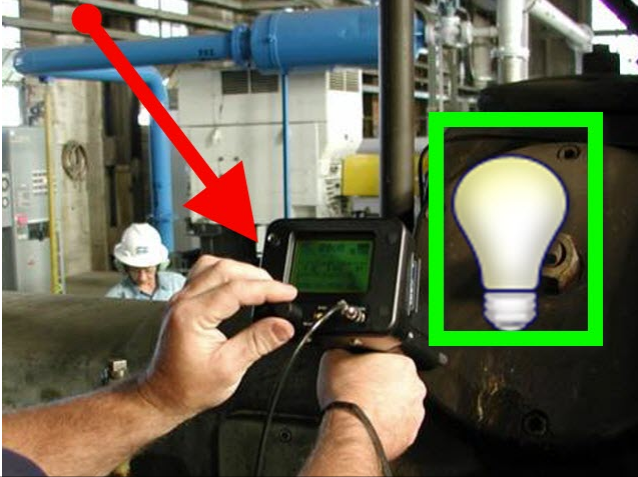| Rev. 1.0	3/2012 SAFETY: Wrist Strap to be worn at ALL TIMES	△ TQC ☐ Work ○ Verify
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9	Be sure to ADJUST SENSITIVITY during scan and approach. This will help keep a line of "SOUND" on suspected anomaly.	

10	Pinpoint and Confirm the Anomaly by Recording a Wave File, (see Visual Instruction on Recording).	


```
28dB  41 KHz

S=50
RT

Press ENTER   005 Rec
for Record WAV
```
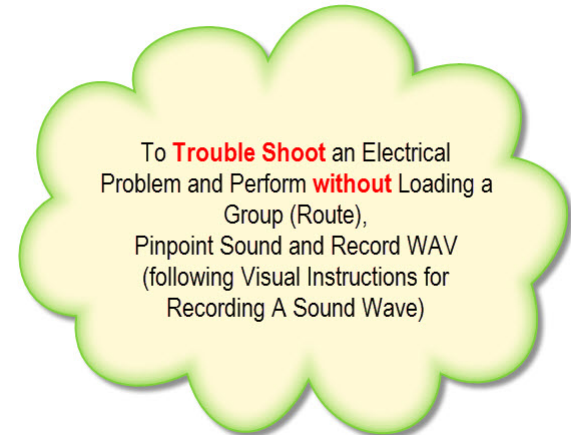
11	Note: The Long Range Module can be used for Distance, BUT the Scanning Module and Rubber Focusing Probe still needed for UpClose Scanning	

12	To Trouble Shoot & Record Single anomaly, Pinpoint Sound and follow Instruction to Record Wav.	

To **Trouble Shoot** an Electrical Problem and Perform **without** Loading a Group (Route), Pinpoint Sound and Record WAV (following Visual Instructions for Recording A Sound Wave)

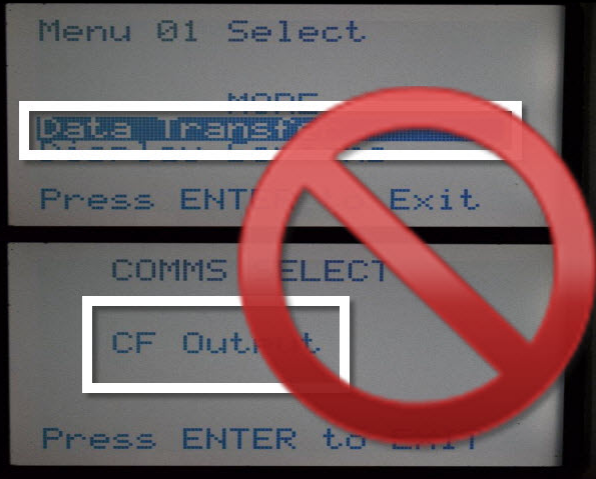| Rev. 1.0	3/2012 SAFETY: Wrist Strap to be worn at ALL TIMES	△ TQC ☐ Work ◯ Verify
2-5 min per	UE Systems Training	

13	With Ultaprobe OFF, Remove Compact Flash Card WITHOUT performing Data transfer nor CF Output	

14	Use Windows to Copy sound wav from Flash Card to Computer and Analyze w/ UE Spectralyzer.	

Sound Files From the UP 10,000 can be copied from Flash Card like any wav or mp3 file to your computer without using Ultratrend DMS