

Made By: AB 19/01/16

Version: 1.0

Title – Remote adjust LNS Sensitivity

(Issue 1)

Permanet + remotely adjusting the LNS Sensitivity

Firstly you need to put the IDT software in 'Team leader' mode (options>software mode> Advnced) -



Then you can reset the sensitivity using one of the three options which are 'Plastic', 'Metal' and 'High Noise' as below –

@ ⊦	WM IDT (Te	am Leader mode) V2.0 –	×							
File	e Tools O	ptions Help	+							
Set	up Data Collec	ion Hardware Tests Command Gen	Custo 1							
Device on COM9										
	Serial No 0000320									
	Tel No +447624967505									
	Logger Time 10 Jul 2012 11:57 15									
	Logging Parameters Start Time 10 Jul 2012									
	Log data once per day									
	Leak Noise Read time 02:00									
Read leak noise once per day										
Read leak noise every log interval Trunk main logging										
Send leak sound recording when leak first detected										
-										
Leak Threshold										
◯ Plastic										

You can then use the Command File generator to send the new configuration to the logger as required -

		Ref: FAQ0352		Version: 1.0	
	Palmer environmental RADIO-TECH	Title – Remote adjust LNS Sensitivity			
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		 Channel parameters 			
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		LNS			
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		Re-direct			
		SMS No			
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		Alams			
02/02/	2015 17:15 48 🔳				
	er read 1				
02/02/	2015 17:15 48 🔳	T			
Met	er read 2				
Data	Request				
Start	19/01/2016	 Type Ver 			
Read	ings	138 1 1 0			
	_	FW update			
	Data Request				
S	end				

The Leak algorithm subtracts the Spread value from the Noise value and if the result is above a certain threshold limit then a 'Leak' situation is identified. Below the threshold level and 'No leak' is identified.

The thresholds are as follows :-

Plastic = 10 Metal = 15 High noise = 20

Document History:

Edition	Date of Issue	Modification	Notes
1st	19/01/16	Release	