

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 –

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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									
	Logger Time 10 Jul 2012 11:57 15									
Logging Parameters										
	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										
O Plastic   Metal  High noise										

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

		Ref: FAQ0352		Version: 1.0
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		AquaLog		
		Acoustic Log		
		LNS		
		TZone		
		Re-direct		
		SMS No		
		Aiams     Time data is sent		
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	<ul> <li>Type Ver</li> </ul>		
Bear	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	