

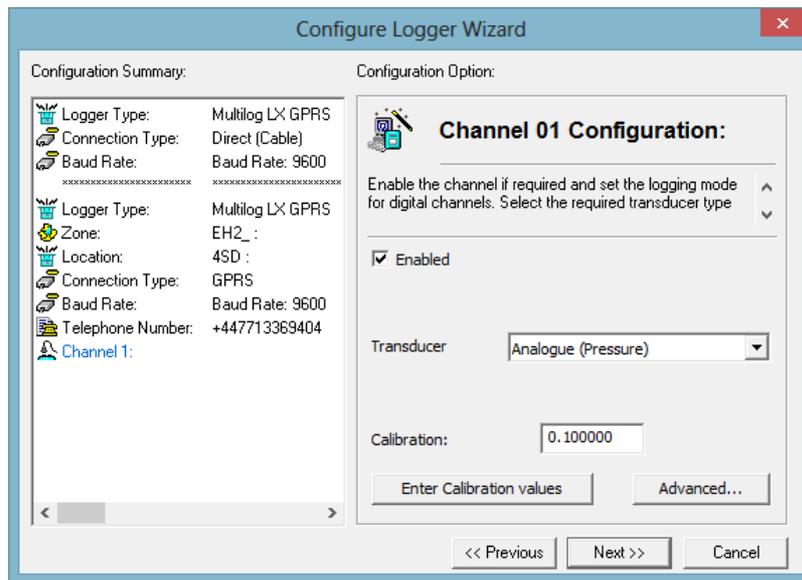


Ref: FAQ0052	Version: 1.0
Title –Permanet LX Multi Channel Config	
Made By: AB 18/06/14	(Issue 2)

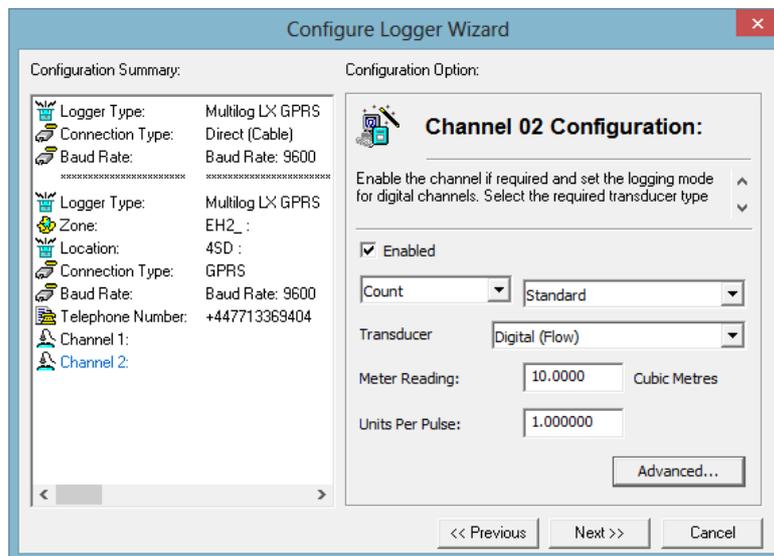
Question – How do I configure a multi channel (pressure and / or flow) Permanet LX

Permanet LX is set up as per a normal Multilog LX – the specific requirements for this variant are as follows -

During logger configuration Channel 1 will be the Pressure Channel and should be configured (by default) as below – ensure it is enabled if this channel is required. (Note – if the logger has no Pressure channel then Channel 1 will not be present and the first will be Channel 2)



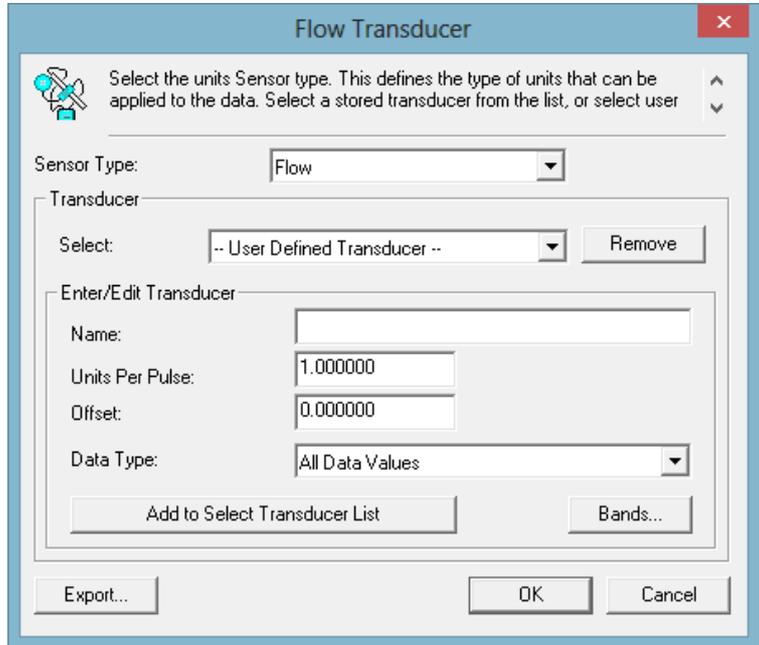
Channel 2 will be the flow channel as below – the pulse factor and the meter reading may need to be configured – if so select 'Advanced' button – (Note - if the logger does not have a Flow Channel then the next Channel in the configuration will be Channel 3)



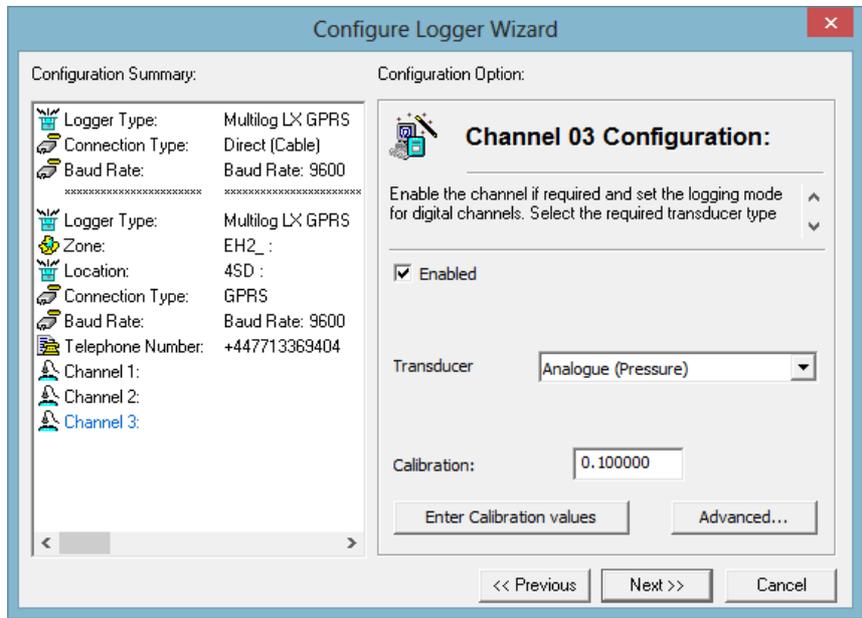


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Configure the values as required and select 'OK' and then select 'Next'



Channel 3 is the Noise channel and should be as below -

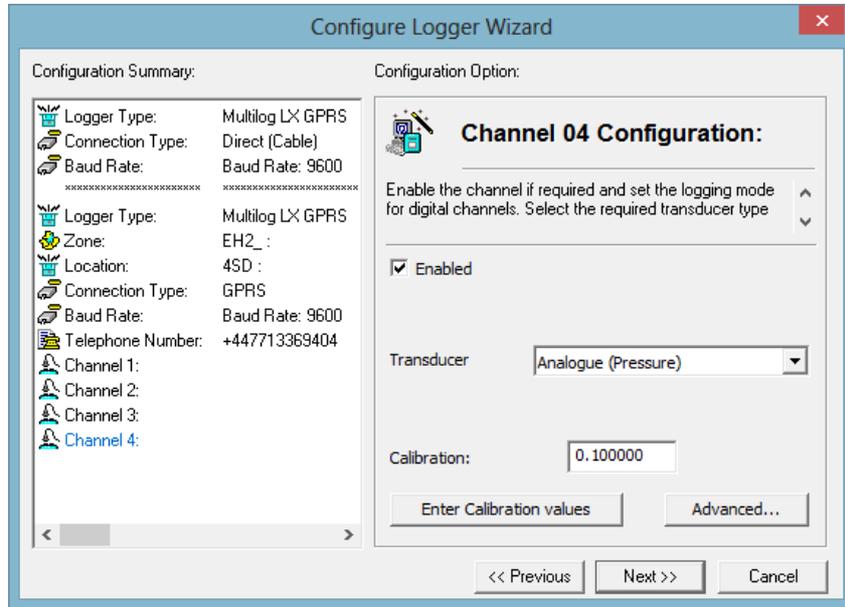


If it is correct, ensure it is 'Enabled' and select 'Next'



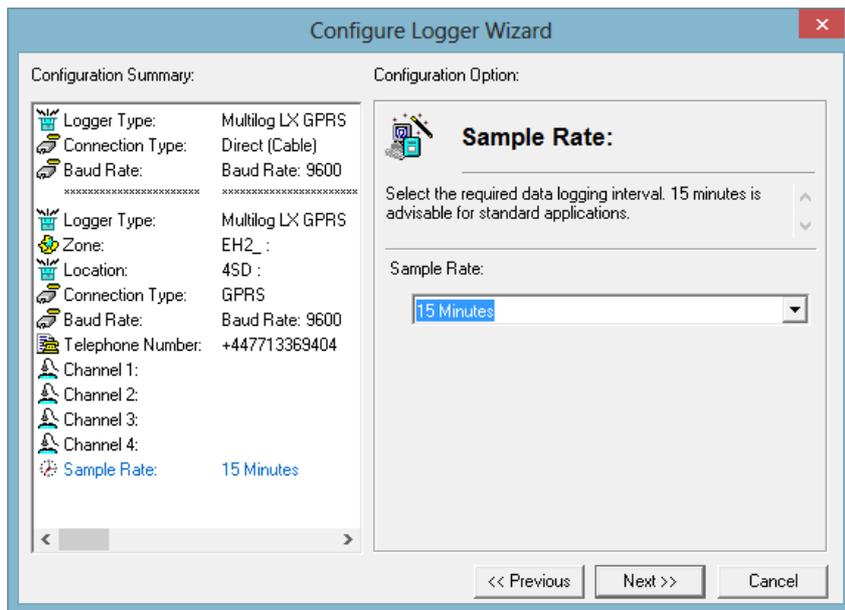
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Channel 4 is the 'Spread' Channel and should be as below –



If it is correct, ensure it is 'Enabled' and select 'Next'

At the next screen configure the Sample rate to be '15 Minutes' as below -

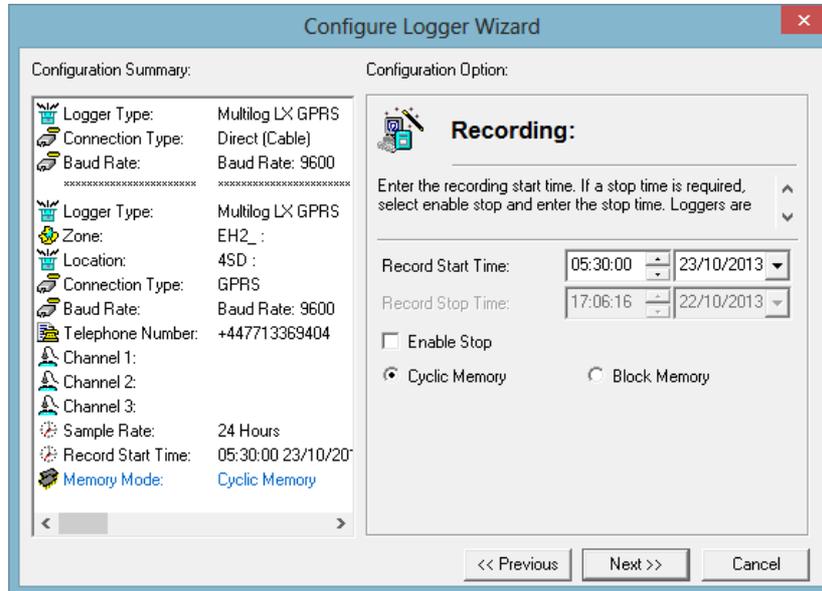


Select 'Next'

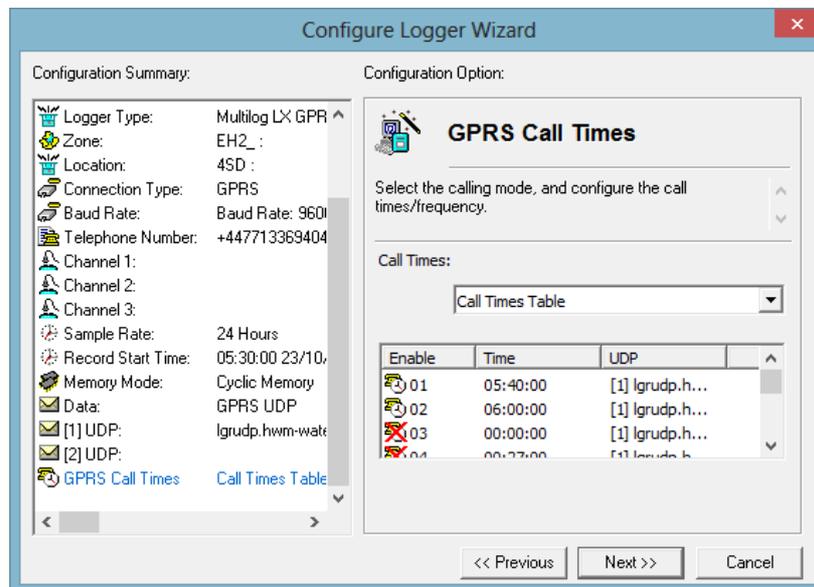


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The logger start time needs to be set for 5.30am (as this defines the time the data will be downloaded from the Permalog to the LX each day)



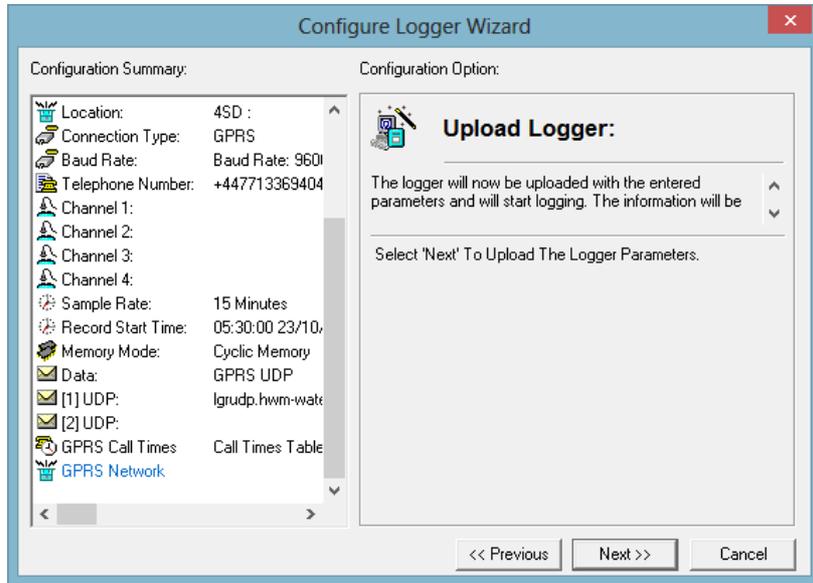
Call in should be set at twice per day at 5.40am and 6.00am



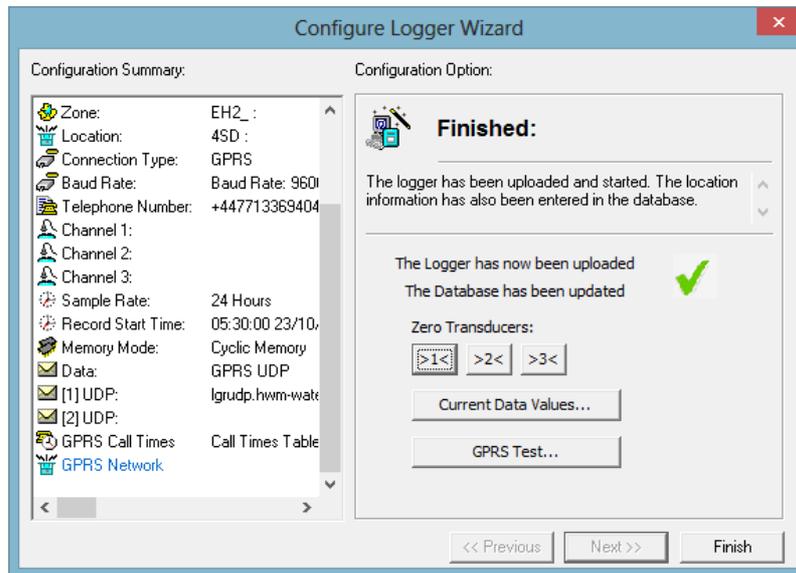
All other settings as per normal Multilog LX and then 'Upload' the settings to the logger -



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Carry out a GPRS test to ensure you have communications to Datagate.



IMPORTANT

Now ensure the Permalog is 'woken up' from its transport mode by swiping the side of it using the magnetic base of the LX Antenna and ensuring there is a short sequence of Red and Green LED flashes visible in the window in the top of the yellow moulding -





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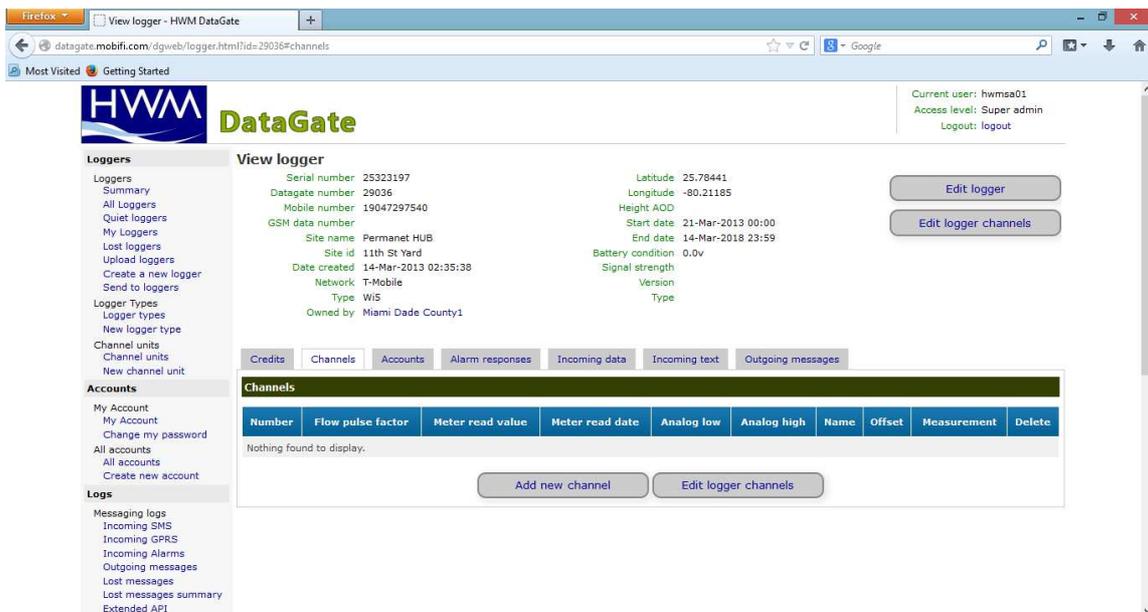
Datagate /HWM Online/Almos

You need to set Noise and Spread, channels on Datagate in order for Almos to correctly process the data from the logger.

Open the correct Datagate account and locate the logger and ‘open’ it –



Select the ‘Channels’ tab –



If no channels are showing then select the ‘Add new channel’ button

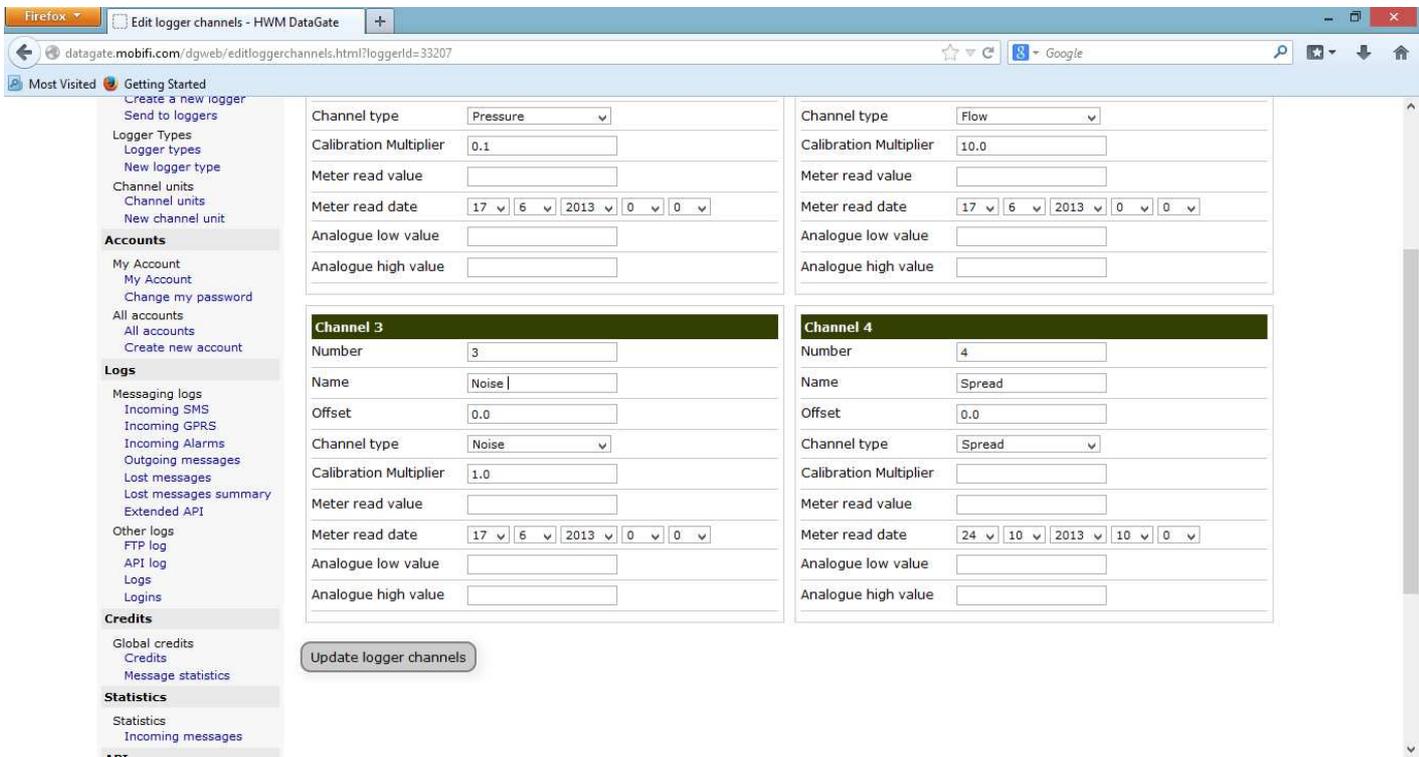


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Create the channels as follows –

- Ch1 = Pressure Offset 0.0 Cal = 0.1
- Ch2 = Flow Offset 0.0 Cal = (as per logger config of flow sensor)
- Ch3 = Noise Offset 0.0 Cal = 1.0
- Ch4 = Spread Offset 0.0 Cal = 1.0

NOTE - Do not create a channel for Leak / No leak



Select 'Update logger Channels' to complete.
Check the channels are correct as following screen.



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Firefox - View logger - HWM DataGate

datagate.mobifi.com/dgweb/logger.html?id=29036#channels

Getting Started

Owned by Miami Dade County

Channels

Number	Flow pulse factor	Meter read value	Meter read date	Analog low	Analog high	Name	Offset	Measurement	Delete
1	0.1		2013-10-24 00:00:00			Pressure		Pressure	
2	10.0		2013-10-24 00:00:00			Flow		Flow	
3	1.0		2013-10-24 10:00:00			Noise		Noise	
4	1.0		2013-10-24 10:00:00			Spread		Spread	

Add new channel Edit logger channels

Document History:

Edition	Date of Issue	Modification	Notes
First	13/10/13	Release	
Second	18/06/14	FAQ new format	