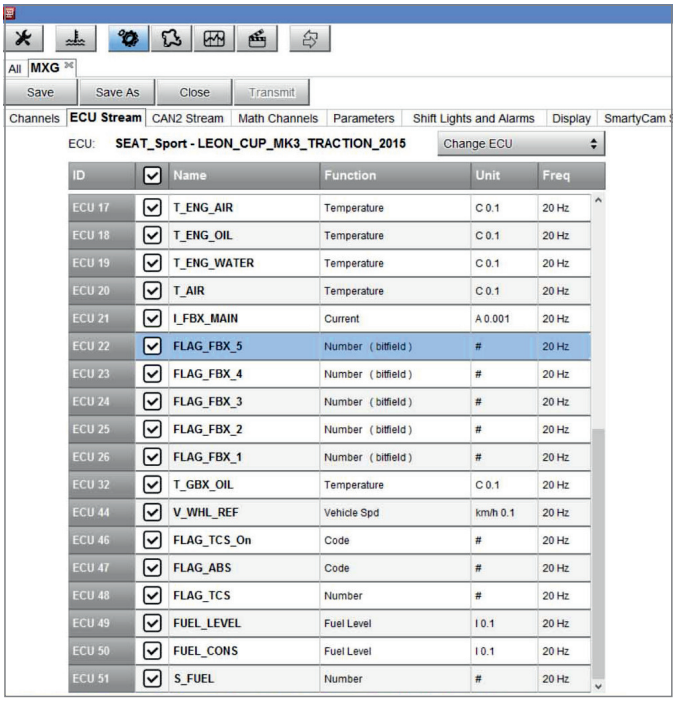
BitField management

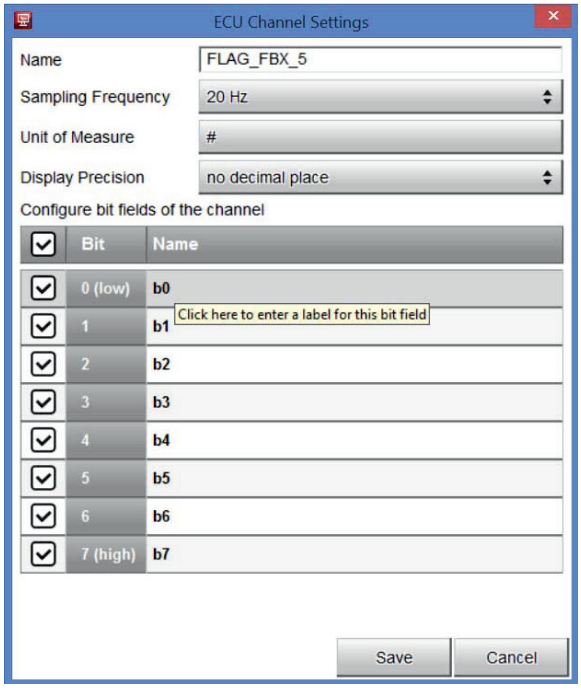
Race Studio 3 Ver. **3.08.02** | Firmware **1.18.12**

The RS3 3.08.02 release, in conjunction with the firmware 1.18.12 release, features the BitField management.

If a field of the ECU Stream is defined as BitField, like, for example, FLAG_FBX_1 - FLAG_FBX_5 in the SEAT SPORT LEON CUP MK3 TRACTION 2015 protocol, every bit of these fields can be considered as independent channels:



Clicking on one of these fields, the bits are shown:



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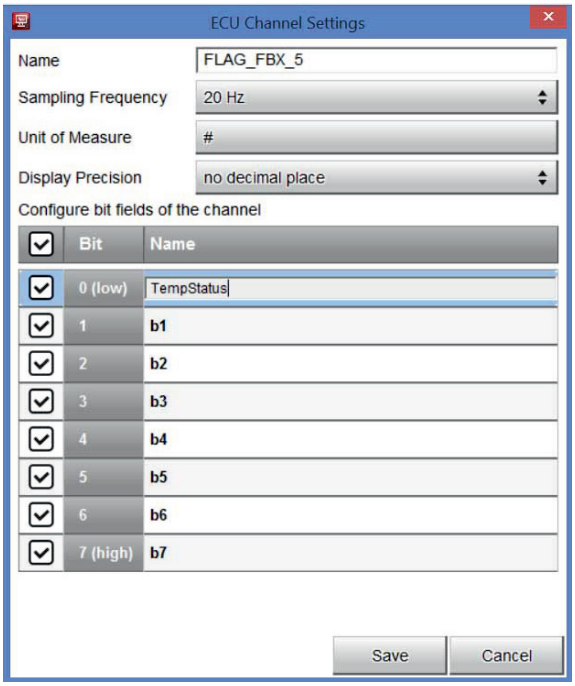
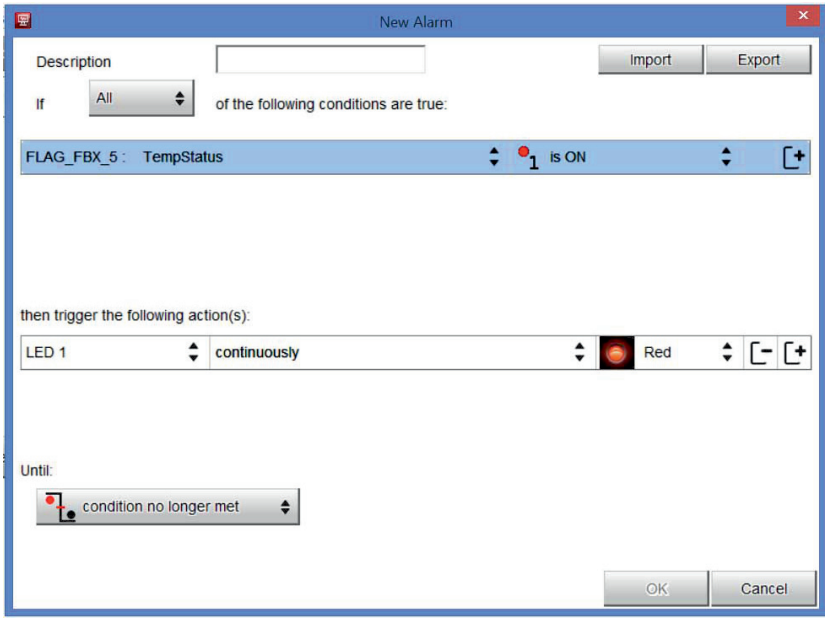
The bits are named b0-b7 by default, but you can change their name for a better management:



Once saved the configuration, it is possible to use the bitfields in order to activate alarms or digital outputs:

In this example, the LED1 is turned ON when the bit called TempStatus of the channel FLAG_FBX_5 is ON.

The bitfield recording is not changed, so all the bits of a channel are recorded in one single channel.



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