

# News from Front End at 904

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# IGLOO2 Data link issue appears fixed

- Changed code in `twelve_to_four.v`
- Added optional debug pattern in `readout_links.v`
- This new code enables operation with asynchronous clock
  - Pad word composed of four K29.7 is transmitted between events
  - Requires support to be added in uHTR, but works with current uHTR code with synchronous clock.

# Slow control

There is a bug when first addressing Igloo2 with I2C

- It works fine every time except the first attempt
- Unsure whether the issue is in the Bridge or in the Igloo

# PMT measurements

I am ready to do a test with real signal using the BHM PMT.

- A power supply is necessary
- I don't know exactly how to feed the trigger into the uHTR