Gas system status

FS – 30/11/2005
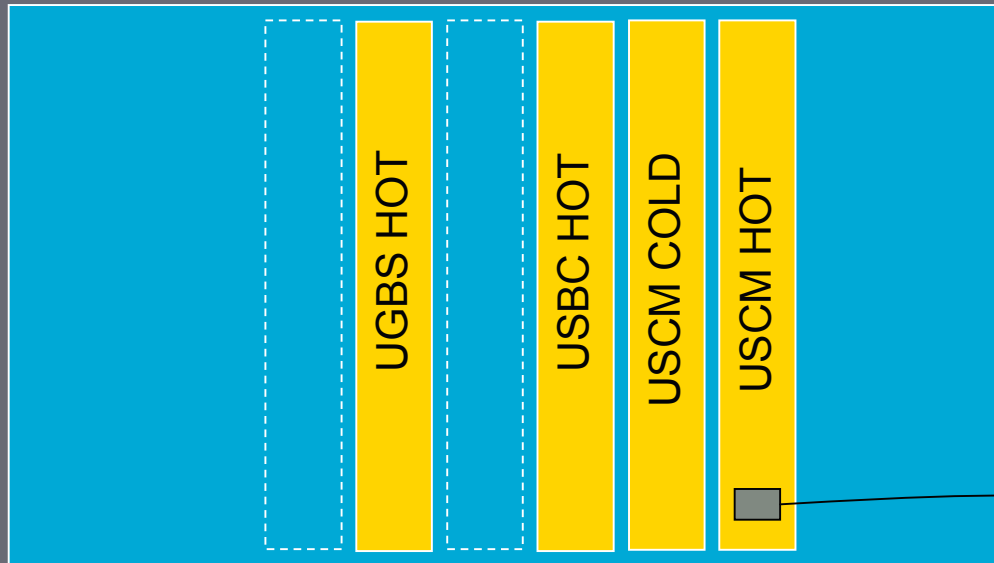
Progress on gas system

- MCA status and characterization
  - See FrancescaB's presentation

- New USCMs
  - New USCM and new UGSCM
  - HOT and COLD

New USCMs test

- ## 0x97 (MIT)
  - Engineering model
  - No Dallas sensors patch panel
    - *Correctly works with all valves and sensors of box S and C*

- ## 0xA0 (Aachen)
  - New UGSCM type
  - Dallas patch panel
    - *Correctly works with all valves and sensors of box S and C*

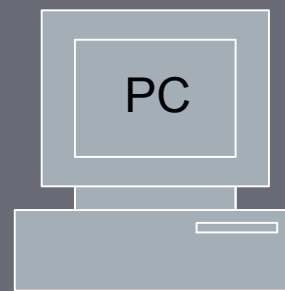- ## *Next:*
  - *Test serial port*
  - *Read out Dallas sensors*

HOT & COLD test

UGBS HOT

USBC HOT

USCM COLD

USCM HOT

CAN communication
with USCM COLD
is via the backplane

CAN bus

CAN EPP box

PC

HOT & COLD test

- *<u>NO CONFLICT OBSERVED!</u>*

  - Control software could address correctly both USCMs

  - All operations on box S and box C valves and sensors worked correctly *from both USCMs*

  - To do:
    - Test serial ports
    - Read out Dallas