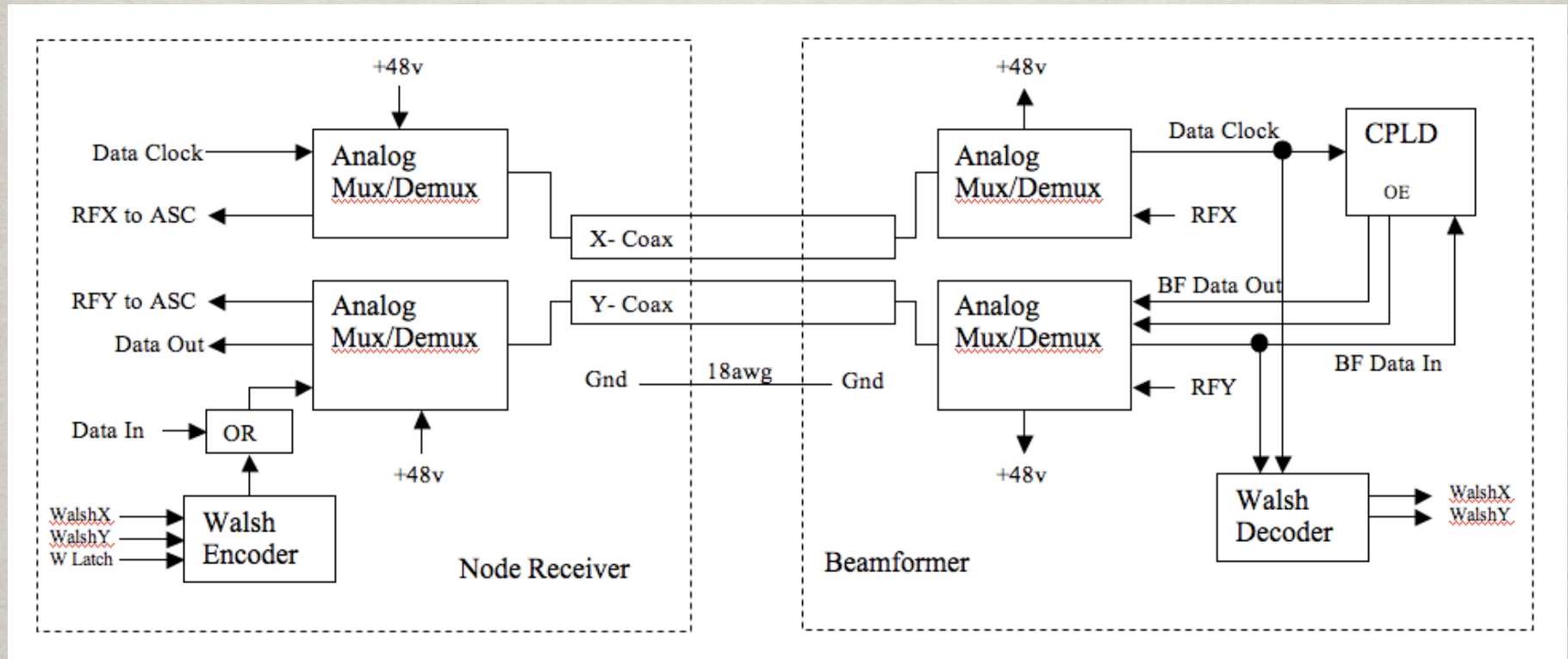


BEAMFORMER STATUS

- ✱ delay line boards and chassis will be used in their current configuration
- ✱ controller board to get small enhancements based upon onsite experience
- ✱ interface card being redesigned for new Data Over Coax (DOC) system

DATA OVER COAX



X coax is uni-directional, while Y coax carries data in both directions, which mandated a change in protocol

DOC STATUS

- ✱ transmit and receive functionality currently on single test board
- ✱ testing partially complete - switch commands work reliably; Walsh function as yet untested; testing has shown that changes need to be made to properly handle the status reply
- ✱ layout of direct replacement for receiver and bf interface cards has begun

BEAMFORMER CONTROLLER STATUS

- ✱ DOC required changes to protocol (done)
- ✱ plan to (slightly) modify PC board to force switches into cleared state on power-up, so that tile is pointing at the zenith
- ✱ also plan to modify CPLD code to return a unique serial number for each beamformer