

2005 M0 Turn Around

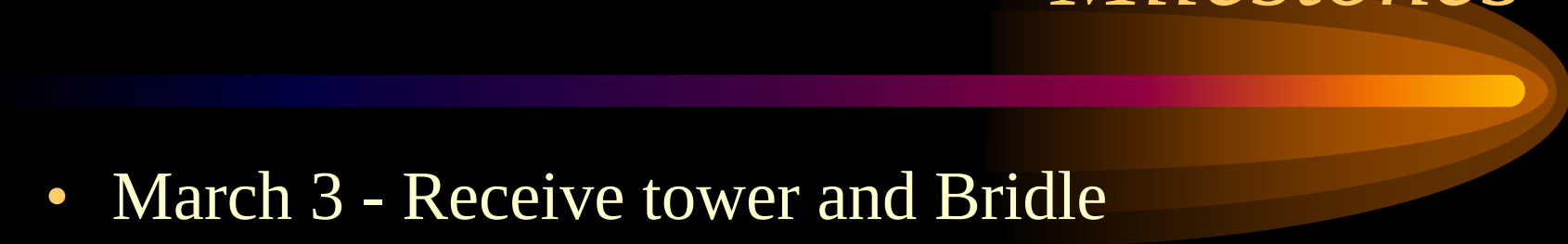
February 10, 2005

Scope of effort



- Complete build up/purchase except for:
 - MMC (Current spare)
 - Power can (Currently being built)
 - ADCP (On hand)
 - EK60 (Unit removed from M1)
 - ECOs (Units removed from M1)
 - Serial MicroCAT (bought last year)
 - HyperOCRs (String already purchased)

Milestones



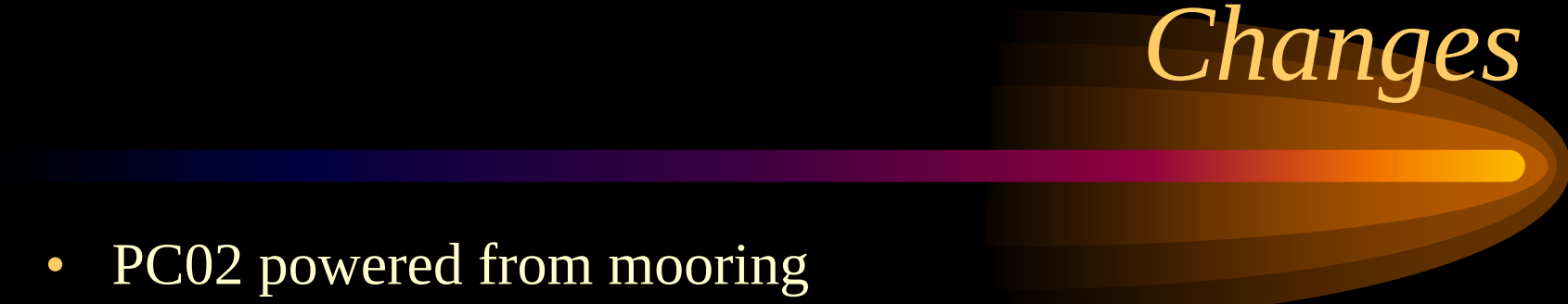
- March 3 - Receive tower and Bridle
- April 4 - Receive float
- May 10 - Integrate in buoy room
- May 24 – June 7 – Open can test
- June 8 – June 14 - Closed can test
- July 1 - Roll out
- July 6 - Load
- July 7 - Deploy

Instruments



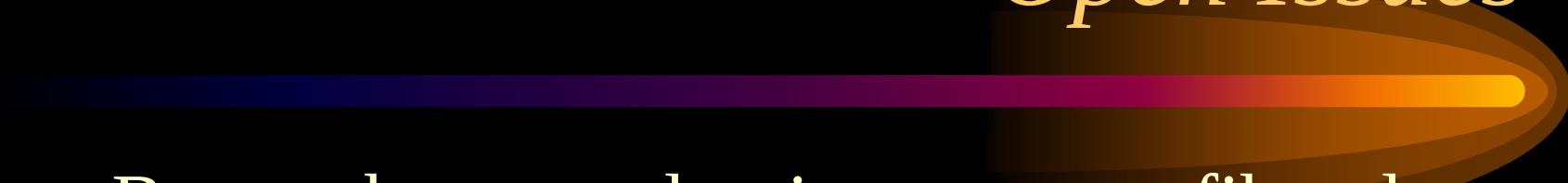
- Main Radio
- Consol Radio
- GPS
- Metsys
- PC02
- EK60
- ISUS
- HyperOCR string
- Serial MicroCAT
- Inductive CTD String
- ADCP
- ECO BB
- ECO FL
- Pager
- YSI 9600
- Acoustic Release

Changes



- PC02 powered from mooring
- ADCP powered from mooring (super cap)
- EK60 added
- YSI 9600 added (ammonia)
- Use of Oasis distribution blocks
- Use of Oasis can mounting plate
- Higher capacity solar panels (175 watt versus 150)
- ISUS horizontally mounted (may be done on current M0)
- Y battery cables

Open Issues



- Battery boxes – aluminum versus fiberglass
- Deployment – 2 days versus 1