ILCTA_MDB HTS Status

Andy Hocker 31-AUG-2006

Cryostat arrived at MDB 12-JUL

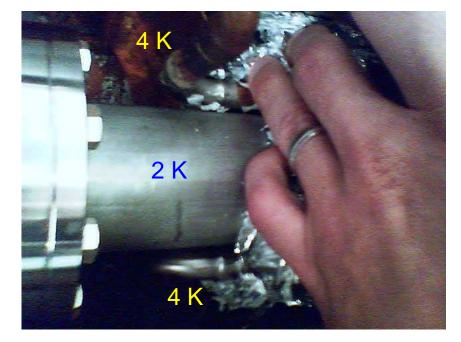


31-AUG-2006

A. Hocker, ILCTA Meeting

Since then...

- Cryostat leak-checked by TD T&I mechanical techs
- Cryostat support frame
 moved into cave
- Needed fixes identified
 - New rupture disc
 - Heat leak
- Cryostat safety document
 written
- LL dewar design sent to MS for fabrication



To do

- Install/leak check new rupture disc
- Install insulating shims around pipes
- Install/leak check LL dewar and piping
 - Dummy load for commissioning
- Move cryostat into MDB cave
- Problem: nobody available in TD to do this
 - Had hoped for T&I mechanical group, but they are swamped
 - Can we get some help from TD management to find some people?
- AD will be working on instrumentation infrastructure in meantime

Milestones

- 20-SEP: All parts in hand/technician support magically appears
- 29-SEP: Cryostat work finished
- 6-OCT: Cryostat installed in MDB cave and connected to feedbox
- 13-OCT: Safety review
- 20-OCT: Dummy load cooled to 1.8 K

Ready to accept a cavity

Misc.

- 3 dressed cavities from DESY to arrive in ~3 weeks?
 - We get one
 - Will need an engineering document, I'm told
- AD guys were procuring cavity/coupler clean vacuum carts --- need to follow up
- Good progress at CC2 reading out coupler data via EPICS, using it to control synthesizer

- First step in automation (and datalogging)

HTS has an e-log

📓 CRLW Log - Mozilla {Build ID: 2004031616}	
Eile Edit View Go Bookmarks Iools Window Help Debug QA	
Back Forward Reload Stop	ays 💽 💉 Search 📫 👻 🌆
👔 🚮 Home 🛛 🖞 Bookmarks 🖌 Google 🖌 CDF Fast Navigator 🦨 The ROOT System H 🦧 ILCTA logbook 🖌 MDB HTS e-log	
ILC Logbook	Search Index New Entry Subscriptions Help
Lug Out Logged in: Andy Hocker	- Quick Search - OK
Displaying last entry last, to reverse order press the button Legend: 💟 = annotate entry, Time: Category: Operator = click to see full header	
Custom search "All_MDB_HTS_last_8_days": WHERE category LIKE "%MDB_HTS/Controls%" OR category LIKE "%MDB_HTS/Cryo%" OR category LIKE "%MDB_HTS/General%" OR category LIKE "%MDB_HTS/High_Level_Rf%" OR category LIKE "%MDB_HTS/Low_Level_RF%" OR category LIKE "%MDB_HTS/High_Level_Rf%" OR category LIKE "%MDB_HTS/Controls%" OR category LIKE "%MDB_HTS/Cryo%" OR category LIKE "%MDB_HTS/Controls%" OR category LIKE "%MDB_HTS/Cryo%" OR category LIKE "%MDB_HTS/Low_Level_RF%" OR category LIKE "%MDB_HTS/High_Level_Rf%" OR category LIKE "%MDB_HTS/Low_Level_RF%" OR category LIKE "%MDB_HTS/High_Level_Rf%" OR category LIKE "%MDB_HTS/Controls%" OR category LIKE "%MDB_HTS/Low_Level_RF%" OR category LIKE "%MDB_HTS/High_Level_Rf%" OR category LIKE "%MDB_HTS/Low_Level_RF%" OR category LIKE "%MDB_HTS/High_Level_Rf%" OR category LIKE "%MDB_HTS/Low_Level_RF%" OR category LIKE "%MDB_HTS/Studies%" WHERE createTime BETWEEN "2006-08-22 19:04:16" AND "2006-08-30 19:04:16"	
Tuesday, August 29, 2006 20:35:47 CDT: MDB HTS/Studies: 39: Suzanne Gysin	
this is a test	
Wednesday, August 30, 2006 19:04:07 CDT: MDB HTS/General: 44: Andy Hocker	
Welcome to ILCTA_MDB HTS logbook.	

Get a password from Michele McCusker (mccusker@fnal.gov)

E-log tutorial from Suzanne Gysin today at 15:30, here