

## RF Circulator Status

7/24/13

**At JLab - 59 units** ( we found one of the four that were believed missing  
- leaving 3 unaccounted)

### 33 Units in the Linac Bldg

24 Units - Tuned to spec and installed (NL zones)

8 Units - installed in NL24 that need to be removed and returned to Ferrite for tuning

1 Unit - Needs to be modified for water flow and tuned at Ferrite

### 26 units - In Building 36 :

5 Units - with yellow tags (may require further tuning)

7 Units - with green tags ready to install

6 Units - need tuning and will be sent to Ferrite ( need additional boxes to ship all of them)

1 Unit - needs to be modified for water flow and tuned at Ferrite

7 Units - tuned but need to be tested

### **At Ferrite - 22 Units** (Shipping expected on 8/1/13)

20 Units - Need tuning

1 Unit - Needs to be modified for water flow and tuned at Ferrite

1 Unit - "Gold Standard" for tuning

We believe that Ferrite has the other 3 missing units or miscounted the total production due to assigning new serial numbers during the re-work and several travels back and forth.

We need to return at least 16 to Ferrite for various actions.

## The Plan

- Ferrite will tune and ship 22 units they have to JLab on 8/1/13
- JLab will immediately ship as many units as we have boxes for to Ferrite for re-work/tuning
- Ferrite will send boxes to JLAB for other units to be returned to the vendor for rework/tuning. JLab will ship those units to Ferrite
- JLAB will test retuned units as they are received from Ferrite.
- JLAB to install all units passing tests
- Ferrite engineer to return to JLAB on the week of 8/19 in order to retune any units that fail to meet performance tests
- Expect all units to be installed by the end of August.

Priority for Installation will be to populate NL24 and SL26 first and then other C100 zones as units become available. The expectation is that C100 commissioning of the SL26 will be complete by the end of August. Re-commissioning of Zones SL22-25 will be dependent on the actual delivery, test, acceptance and installation of the remaining units.