# VME Intensity Monitor - Task #16533

Milestone # 16524 (New): Commission new toroid nodes at NML

## Create ACNET devices for new toroids

05/15/2017 02:00 PM - John Diamond

| | | | |
|---|---|---|---|
| **Status:** | Work in progress | **Start date:** | 05/15/2017 |
| **Priority:** | Normal | **Due date:** | |
| **Assignee:** | John Diamond | **% Done:** | 100% |
| **Category:** | Deploy & Config | **Estimated time:** | 2.00 hours |
| **Target version:** | | **Spent time:** | 4.00 hours |

**Description**

### History

**#1 - 05/16/2017 01:33 PM - John Diamond**

*- Category set to Deploy & Config*

*- Status changed from New to Work in progress*

*- Assignee set to John Diamond*

Requested mappings from Brian (via e-mail).

**#2 - 05/16/2017 05:46 PM - John Diamond**

via e-mail from Brian:

```
Rack #291, will have one toroid (T440) located right after the Cryomodule, digitizer channel 1 (first ch).
Rack #970, will have one toroid (T612) located before the dump, digitizer channel 1 (first ch).
```

**#3 - 05/16/2017 06:54 PM - John Diamond**

This is a list of devices that exist for Toroid #102 on NMLTOR:

```
N:BBM102        NML Toroid 102 BBM Recrd
N:T102          NML ASTA Toroid 001
N:T102BB        ASTA Tor 102 Bunch Data
N:T102BC        ATST Tor 102 # of Bunch
N:T102BG        ASTA Tor 102 BBB Gain
N:T102BQ        ASTA Tor 102 Bunch Data
N:T102BS        ASTA Tor 102 BBB Sync Dl
N:T102BT        ASTA Tor 102 BBB Trg Dly
```

We will need similar devices for the two new toroids.

**#4 - 07/11/2017 12:24 PM - John Diamond**

*- % Done changed from 0 to 90*

Created the following for NMLTR2:

- N:T440
- N:T440BB
- N:T440BC
- N:T440BG
- N:T440BQ
- N:T440BS
- N:T440BT

Created the following for NMLTR3:

- N:T612
- N:T612BB
- N:T612BC

- N:T612BG
- N:T612BQ
- N:T612BS
- N:T612BT

Experiencing data access exceptions trying to use these devices, however...

#### #5 - 07/11/2017 12:27 PM - John Diamond

Also created:

- N:BBM440
- N:BBM612

(For BBM operation.)

#### #6 - 07/11/2017 07:18 PM - John Diamond

*- % Done changed from 90 to 100*

Corrected the target name for NMLTR3 to fix the above mentioned ACNET problems.
Added N:T440BW and N:T612BW.
Note: NMLTR3 does not have TCLK.