## How to switch off the current and put in Standby a <u>magnet via the Mag</u> Terminal

This is a typical BTF setupped Mag\_Terminal:

Mag_Terminal_#1.vi    X       Configured at: 07/14/14 12:10:27 PM     v 7.5, build 20140320-1445						
Global Global C	urrent atasets		Refrest connection	Duratura		
Dataset 491_20140707_strettoY.dat						
Zones .	Element	s 🚽 Zor	ne <none></none>		- 1	
<none></none>	<none></none>					
Working Zone	Working List					
Element	Readout	Setting	Saved	Flags		
CHHTB001 CVVTB001 CHHTB002 QUATB101 QUATB102 QUATB001 QUATB002 QUATB003 QUATB003 QUATB004 DHSTB001 DHSTB002	-0.011 0.004 -0.011 -0.010 68.097 50.040 60.699 32.349 46.551 48.916 312.804 334.934	-0.017 0.000 -0.011 68.110 50.110 60.000 32.402 46.590 48.994 312.840 335.000	-0.017 0.002 -0.011 68.110 50.110 60.291 32.502 47.590 49.994 312.840 334.900			
Init Init 0.000 ✓   Off Init Apply   Reset Stdby Oper   Image: Doc Pulsed						

• Select the magnet you want to switch off by clicking over the magnet's name;

Element	Readout	Setting
CHHTB001	-0.011	-0.017
CVVTB001	0.004	0.000
CHHTB002	-0.011	-0.011
CVVTB002	-0.010	0.000

• Click on the highlighted area (look at the image below);



- Digit 0 and click "Apply";
- See the magnet's current readout ramps down to 0 (see the upper figure);

## **NOTE**

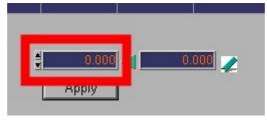
- If any of the used BTF magnets present flags like **A** or **F**, call Dafne control room and show the problem.
- Periodically check the magnets exit
- setting and the readout values of the used BTF magnets.

## How to switch on the current of a magnet by <u>Mag\_Terminal</u>

• Select the magnet you want to switch on by clicking over the magnet's name (i.e. CVVTB002 in figure);

Element	Readout	Setting
CHHTB001	-0.011	-0.017
CVVTB001	0.004	0.000
CHHTB002	-0.011	-0.011
CVVTB002	-0.010	0.000

- If the magnet is in standby mode (flag is **II**), click on oper **Second** and wait the magnet's Flag turns to **Second**
- Click on the left current field (the highlighted area the image below);



- Digit the current value you need (NOTE: decimal values are separated by a point);
- click "Apply";
- See the magnet's current readout ramps to that value (see the upper figure);

## <u>NOTE</u>

- If any of the used BTF magnets present flags like **A** or **F**, call Dafne control room and show the problem.
- Periodically control the setting and the readout values of the used BTF magnets.