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Subject: Re: Magnetic Fields in Pandaroot  
Posted by [StefanoSpataro](#) on Mon, 04 Jun 2007 14:33:21 GMT  
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Hello,  
we have already a realistic magnetic field map, updated to the January 07 design (so not yet the space inside the yoke for the muon detector).  
In order to use it just see what is present in the macro/emc/sim\_emc.C file. You have to use:

```
PndMultiField *fField= new PndMultiField();  
PndTransMap *map= new PndTransMap("TransMap", "R");  
PndDipoleMap *map1= new PndDipoleMap("DipoleMap", "R");  
PndSolenoidMap *map2= new PndSolenoidMap("SolenoidMap", "R");  
fField->AddField(map);  
fField->AddField(map1);  
fField->AddField(map2);  
fRun->SetField(fField);
```

And that is all. This comes from the official drawings (before the last update). So you don't have to put some private field map.

Bye

Stefano

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