



Lattice printout (page 1)

BTEV
Co

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1 Survey of beam line: BTEVMAGS                               "MAD" Version: 8.17      Run: 04/03/04 09.09.11
                                                               range: #S/#E      page 1
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 pos. ELEMENT SEQUENCE I POSITIONS I ANGLES
 no. element occ. sum(L) arc I x y z I theta phi psi
 no. name no. [m] [m] I [m] [m] [m] I [rad] [rad] [rad]
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
 begin DIPOLE 9 58.622590 58.622590 -1.711632 0.000000 -94.441629 0.056825 0.000000 0.000000
 end DIPOLE 9 65.023390 65.023390 -1.374047 0.000000 -88.049756 0.048707 0.000000 0.000000
 end B46 1 65.023390 65.023390 -1.374047 0.000000 -88.049756 0.048707 0.000000 0.000000

 begin B47 1 65.023390 65.023390 -1.374047 0.000000 -88.049756 0.048707 0.000000 0.000000
 100 MB47 1 65.023390 65.023390 -1.374047 0.000000 -88.049756 0.048707 0.000000 0.000000

 begin QUADB47 1 65.023390 65.023390 -1.374047 0.000000 -88.049756 0.048707 0.000000 0.000000
 101 HEAD 1 65.501514 65.501514 -1.350768 0.000000 -87.572200 0.048707 0.000000 0.000000
 begin QB47 1 65.501514 65.501514 -1.350768 0.000000 -87.572200 0.048707 0.000000 0.000000
 103 HQB47 1 66.187314 66.187314 -1.317378 0.000000 -86.887213 0.048707 0.000000 0.000000
 104 MQB47 1 66.187314 66.187314 -1.317378 0.000000 -86.887213 0.048707 0.000000 0.000000
 105 HQB47 2 66.873114 66.873114 -1.283988 0.000000 -86.202226 0.048707 0.000000 0.000000
 end QB47 1 66.873114 66.873114 -1.283988 0.000000 -86.202226 0.048707 0.000000 0.000000
 107 BUTT 1 67.464294 67.464294 -1.235205 0.000000 -85.611747 0.048707 0.000000 0.000000
 end QUADB47 1 67.464294 -1.235205 0.000000 -85.611747 0.048707 0.000000 0.000000

 begin PACKB47 1 67.464294 67.464294 -1.235205 0.000000 -85.611747 0.048707 0.000000 0.000000
 end PACKB47 1 68.891139 68.891139 -1.185735 0.000000 -84.186595 0.048707 0.000000 0.000000

 begin DIPOLE 10 68.891139 68.891139 -1.185735 0.000000 -84.186595 0.048707 0.000000 0.000000
 end DIPOLE 10 75.291939 75.291939 -0.900049 0.000000 -77.792192 0.040589 0.000000 0.000000
 begin DIPOLE 11 75.291939 75.291939 -0.900049 0.000000 -77.792192 0.040589 0.000000 0.000000
 end DIPOLE 11 81.692739 81.692739 -0.666279 0.000000 -71.395682 0.032471 0.000000 0.000000
 130 CYPYU 1 82.130889 82.130889 -0.652054 0.000000 -70.957763 0.032471 0.000000 0.000000
 131 DRB47 1 84.700371 84.700371 -0.568635 0.000000 -68.389635 0.032471 0.000000 0.000000
 132 CYPD 1 85.011521 85.011521 -0.558533 0.000000 -68.078649 0.032471 0.000000 0.000000
 end B47 1 85.011521 85.011521 -0.558533 0.000000 -68.078649 0.032471 0.000000 0.000000

 begin B48 1 85.011521 85.011521 -0.558533 0.000000 -68.078649 0.032471 0.000000 0.000000
 133 MB48 1 85.011521 85.011521 -0.558533 0.000000 -68.078649 0.032471 0.000000 0.000000
 begin PACKB48 1 85.011521 85.011521 -0.558533 0.000000 -68.078649 0.032471 0.000000 0.000000
 end PACKB48 1 86.438366 86.438366 -0.512210 0.000000 -66.652556 0.032471 0.000000 0.000000

 begin QUADB48 1 86.438366 86.438366 -0.512210 0.000000 -66.652556 0.032471 0.000000 0.000000
 142 BUTTQ4 1 86.978746 86.978746 -0.494666 0.000000 -66.112461 0.032471 0.000000 0.000000
 begin QB48 1 86.978746 86.978746 -0.494666 0.000000 -66.112461 0.032471 0.000000 0.000000
 144 HQB48 1 87.982046 87.982046 -0.462093 0.000000 -65.109690 0.032471 0.000000 0.000000
 145 MQB48 1 87.982046 87.982046 -0.462093 0.000000 -65.109690 0.032471 0.000000 0.000000
 146 HQB48 2 88.985346 88.985346 -0.429521 0.000000 -64.106919 0.032471 0.000000 0.000000
 end QB48 1 88.985346 88.985346 -0.429521 0.000000 -64.106919 0.032471 0.000000 0.000000
 148 HEADQ4 1 89.412670 89.412670 -0.415647 0.000000 -63.679820 0.032471 0.000000 0.000000
 end QUADB48 1 89.412670 89.412670 -0.415647 0.000000 -63.679820 0.032471 0.000000 0.000000

 begin DIPOLE 12 89.412670 89.412670 -0.415647 0.000000 -63.679820 0.032471 0.000000 0.000000

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Triplet layout from lattice

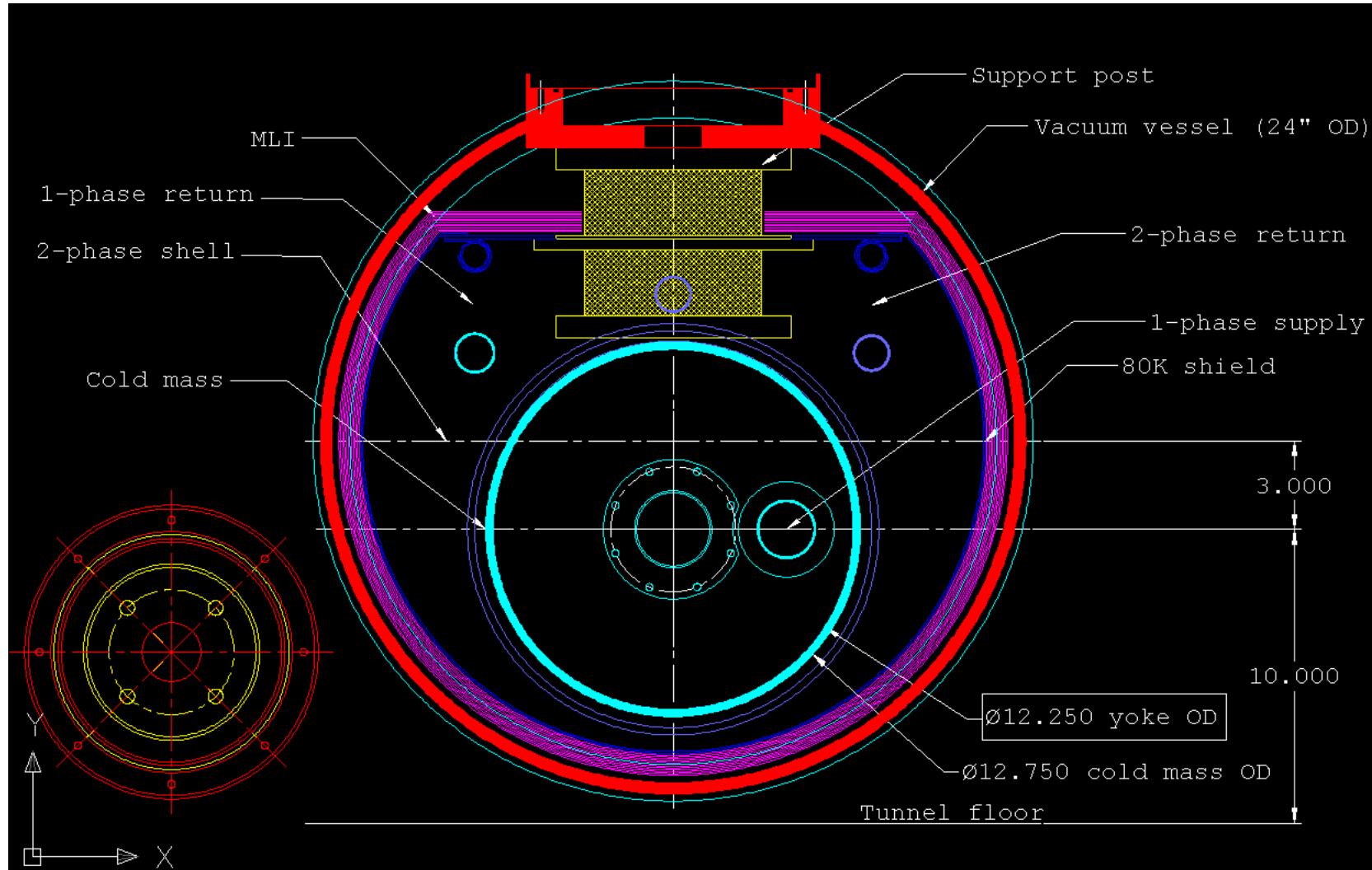
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Cryostat cross section

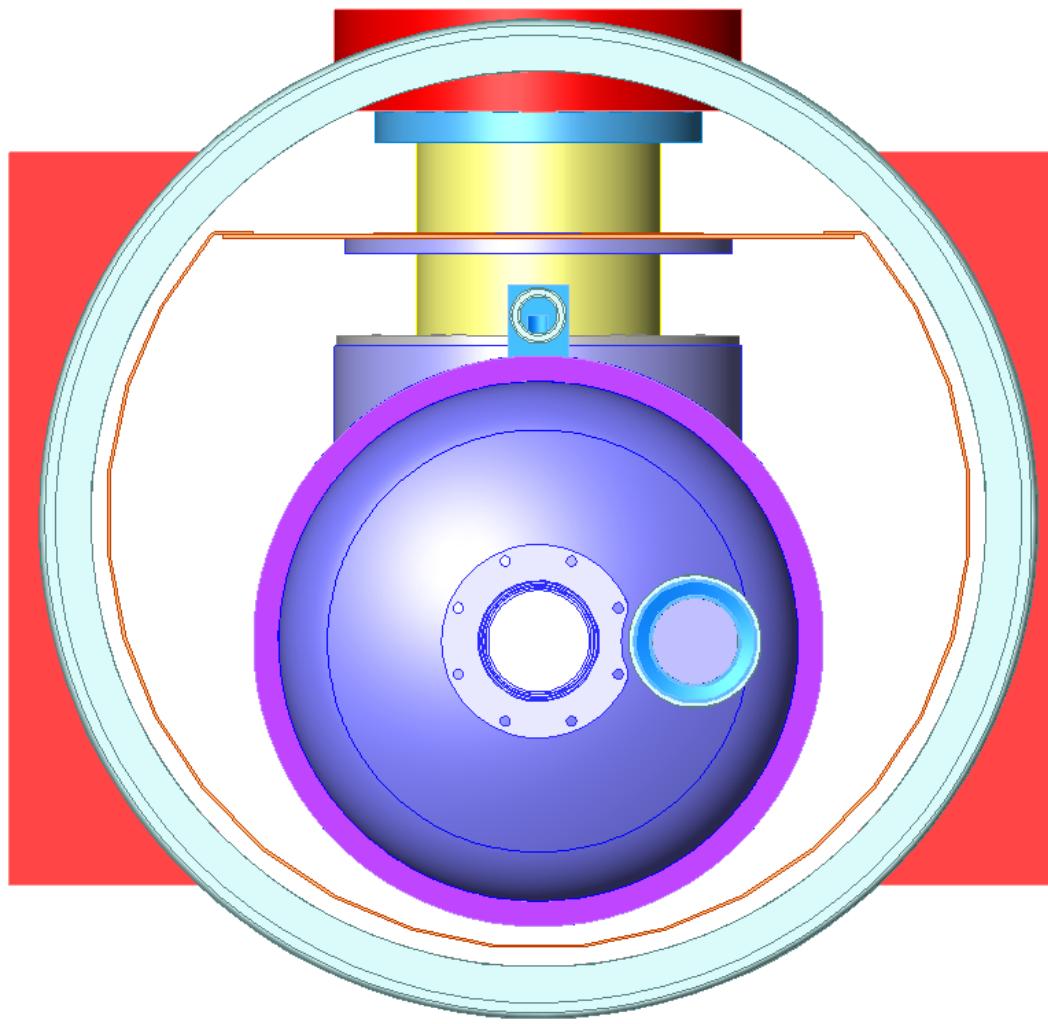
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Cryostat solid model cross section

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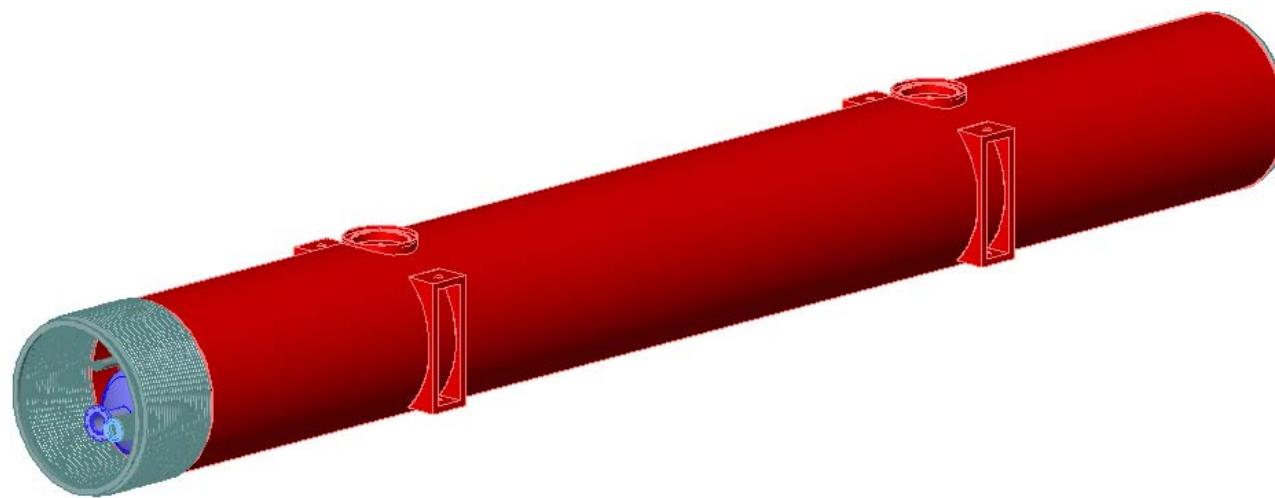
TNicol

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Q2 isometric view

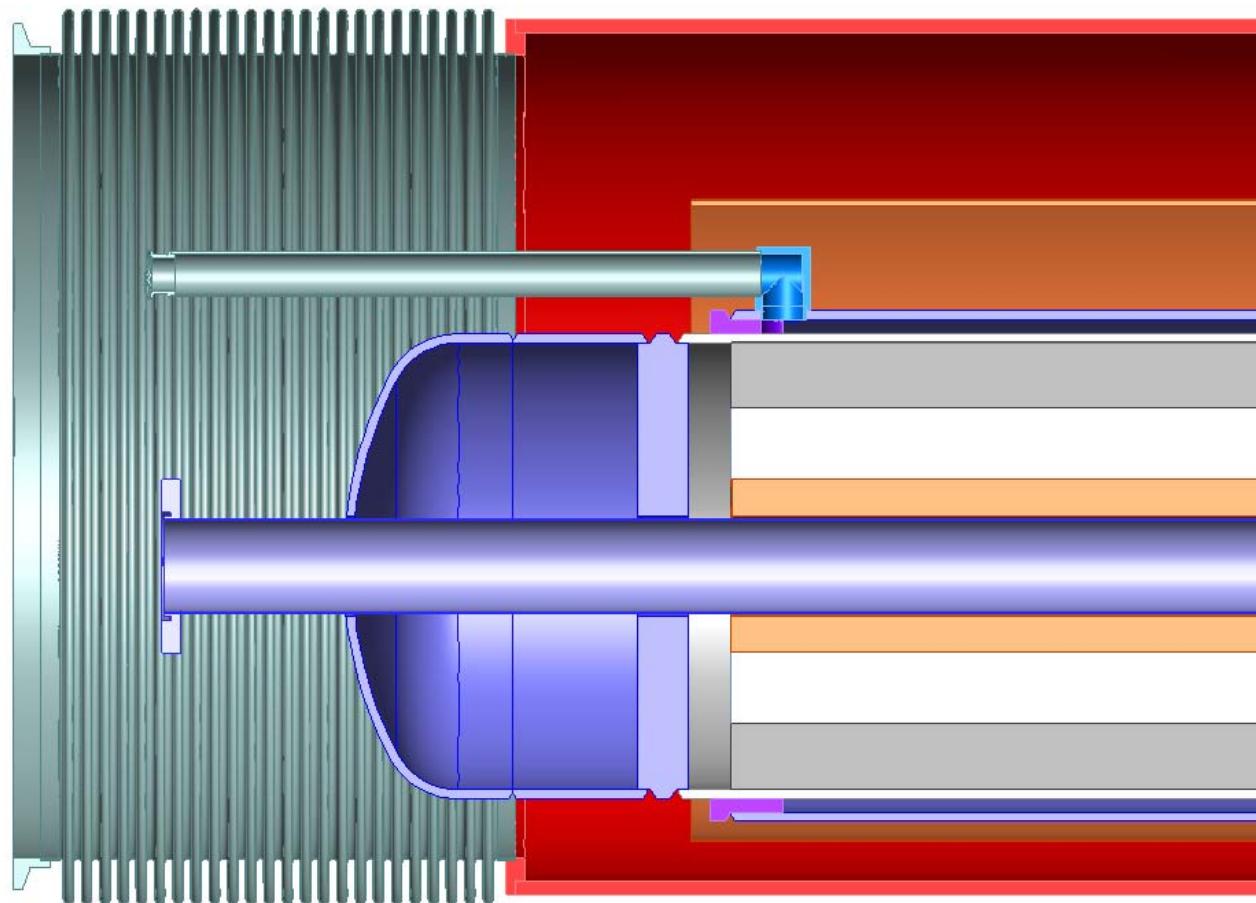
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Q2 upstream end

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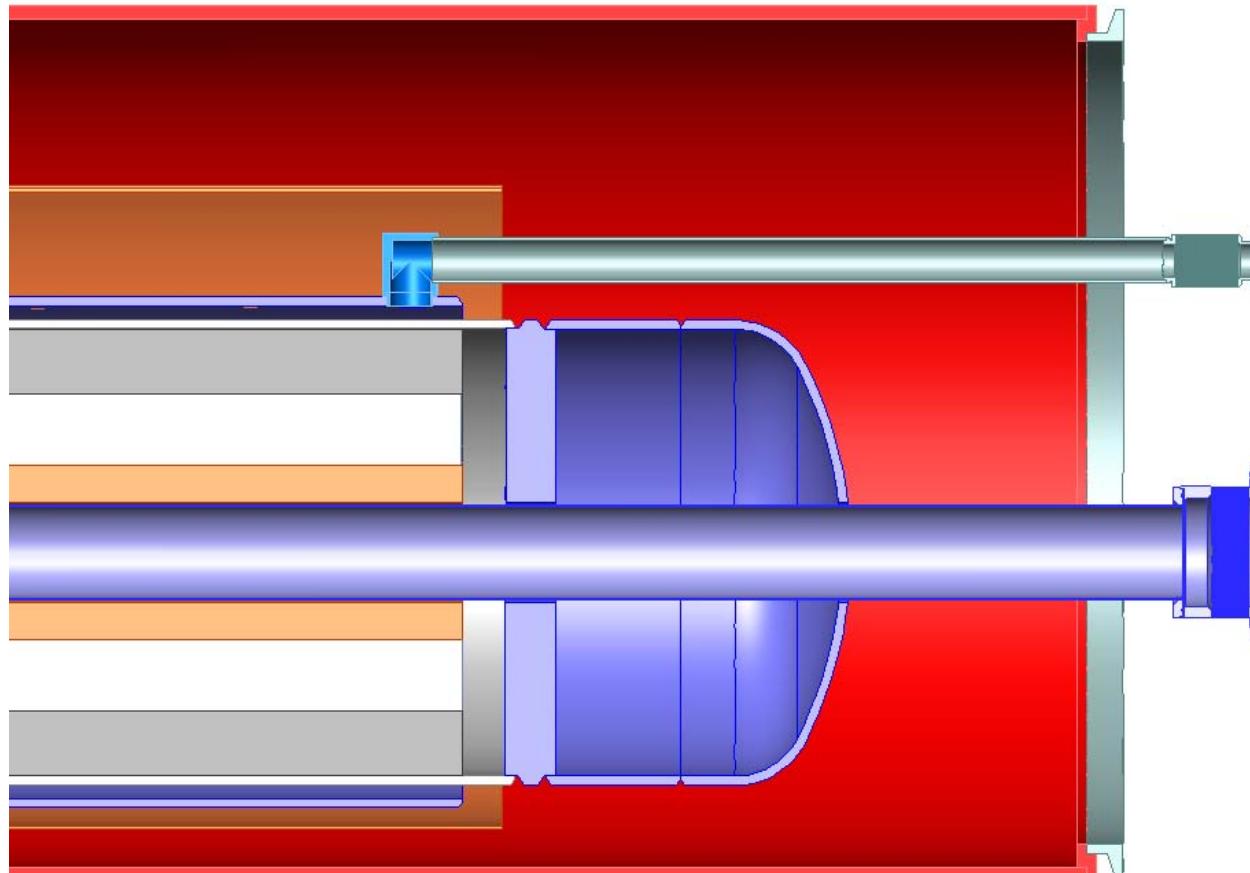
TNicol

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Q2 downstream end

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Q2 post to cold mass interface

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