

| ID | Task Name | Duration | Start | Finish | n | | | | | | | | | | | | | | | | | | |
|----|--|-----------------|---------------------|---------------------|---------------------------------|---|---|---|---|---------|---|---|----|----|---------|----|----|----|----|---------|----|----|--|
| | | | | | '11 Feb | | | | | '11 Mar | | | | | '11 Apr | | | | | '11 May | | | |
| | | | | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | |
| 1 | Cavity C | 13,54 w? | Mon 11-01-17 | Wed 11-04-20 | [Gantt bar from 01-17 to 04-20] | | | | | | | | | | | | | | | | | | |
| 2 | Ring wave guide | 5,05 w? | Mon 11-01-17 | Mon 11-02-21 | [Gantt bar from 01-17 to 02-21] | | | | | | | | | | | | | | | | | | |
| 3 | Tests | 2 w | Mon 11-01-17 | Fri 11-01-28 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 4 | Ring rough machining (+1 mm) lathe | 0,25 w? | Mon 11-01-31 | Tue 11-02-01 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 5 | Ring rough machining (+1 mm) mill | 0,25 w? | Tue 11-02-01 | Wed 11-02-02 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 6 | Cleaning | 0,05 w? | Wed 11-02-02 | Wed 11-02-02 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 7 | Stabilisation (heat treatment) | 0,2 w? | Wed 11-02-02 | Thu 11-02-03 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 8 | Ring rough machining (+0,5 mm) lathe | 0,25 w? | Thu 11-02-03 | Fri 11-02-04 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 9 | Ring rough machining (+0,5 mm) mill | 0,25 w? | Mon 11-02-07 | Tue 11-02-08 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 10 | Cleaning | 0,05 w? | Tue 11-02-08 | Tue 11-02-08 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 11 | Stabilisation (heat treatment) | 0,2 w? | Tue 11-02-08 | Wed 11-02-09 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 12 | Ring final machining mill | 0,4 w? | Wed 11-02-09 | Fri 11-02-11 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 13 | Ring final machining lathe | 0,4 w? | Fri 11-02-11 | Tue 11-02-15 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 14 | Cleaning | 0,05 w? | Tue 11-02-15 | Tue 11-02-15 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 15 | Metrology (the ring shall be unclamped to carry out the measureme | 0,05 w? | Tue 11-02-15 | Tue 11-02-15 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 16 | Brazing of ports, fitting elbows, nipples and square flange | 0,1 w? | Wed 11-02-16 | Wed 11-02-16 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 17 | Leak test | 0,2 w? | Wed 11-02-16 | Thu 11-02-17 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 18 | Water pressure test | 0,2 w? | Thu 11-02-17 | Fri 11-02-18 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 19 | Metrology | 0,1 w | Fri 11-02-18 | Fri 11-02-18 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 20 | Packing and Transport to CERN | 0,05 w? | Mon 11-02-21 | Mon 11-02-21 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 21 | Standard ring | 9,21 w? | Tue 11-02-01 | Wed 11-04-06 | [Gantt bar from 02-01 to 04-06] | | | | | | | | | | | | | | | | | | |
| 22 | Ring rough machining (+1 mm) | 1,2 w | Tue 11-02-01 | Wed 11-02-09 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 23 | Milling of port apertures according to the requirements by FZJ | 2,4 w | Wed 11-02-09 | Fri 11-02-25 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 24 | Cleaning | 0,2 w? | Fri 11-02-25 | Mon 11-02-28 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 25 | Packing and transport of rings and port tubes to FZJ | 0,1 w? | Mon 11-02-28 | Mon 11-02-28 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 26 | EB welding | 3 w | Mon 11-02-28 | Mon 11-03-21 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 27 | Port backing support machining | 0,4 w | Mon 11-03-21 | Wed 11-03-23 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 28 | X-ray testing | 0,01 w? | Wed 11-03-23 | Wed 11-03-23 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 29 | Leak test of ports | 0,4 w? | Wed 11-03-23 | Fri 11-03-25 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 30 | Ring final machining | 1 w | Fri 11-03-25 | Fri 11-04-01 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 31 | Cleaning | 0,2 w | Fri 11-04-01 | Mon 11-04-04 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 32 | Metrological report | 0,2 w | Mon 11-04-04 | Tue 11-04-05 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 33 | Packing and transport to CERN | 0,1 w? | Tue 11-04-05 | Wed 11-04-06 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 34 | Ring pick-up | 7,7 w? | Wed 11-02-09 | Mon 11-04-04 | [Gantt bar from 02-09 to 04-04] | | | | | | | | | | | | | | | | | | |
| 35 | Ring rough machining (+1 mm) | 0,6 w | Wed 11-02-09 | Mon 11-02-14 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 36 | Milling of port apertures according to the requirements by FZJ | 1,2 w | Mon 11-02-14 | Tue 11-02-22 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 37 | Cleaning | 0,1 w? | Tue 11-02-22 | Wed 11-02-23 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 38 | Packing and transport of rings and port tubes to FZJ | 0,1 w? | Wed 11-02-23 | Wed 11-02-23 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 39 | EB welding | 3 w | Mon 11-02-28 | Mon 11-03-21 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 40 | Port backing support machining | 0,35 w | Mon 11-03-21 | Wed 11-03-23 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 41 | X-ray testing | 0,05 w? | Wed 11-03-23 | Wed 11-03-23 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 42 | Leak test of ports | 0,1 w? | Wed 11-03-23 | Thu 11-03-24 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 43 | Ring final machining | 1,25 w | Thu 11-03-24 | Fri 11-04-01 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 44 | Cleaning | 0,1 w | Fri 11-04-01 | Fri 11-04-01 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 45 | Metrological report | 0,1 w | Mon 11-04-04 | Mon 11-04-04 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 46 | Packing and transport to CERN | 0,05 w? | Mon 11-04-04 | Mon 11-04-04 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 47 | End disc | 6,43 w? | Mon 11-01-17 | Wed 11-03-02 | [Gantt bar from 01-17 to 03-02] | | | | | | | | | | | | | | | | | | |
| 48 | tests | 2 w | Mon 11-01-17 | Fri 11-01-28 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 49 | Disc rough machining including coupling slots (all +1 mm) | 1,5 w? | Mon 11-01-31 | Wed 11-02-09 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 50 | Drilling of cooling circuits | 1,2 w? | Mon 11-02-07 | Mon 11-02-14 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 51 | Installation of temporary threaded plugs to protect cooling circuits c | 0,03 w? | Tue 11-02-15 | Tue 11-02-15 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 52 | Final machining | 1,6 w | Tue 11-02-15 | Fri 11-02-25 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 53 | Cleaning | 0,1 w? | Fri 11-02-25 | Fri 11-02-25 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 54 | Leak test of cooling circuits | 0,1 w? | Fri 11-02-25 | Mon 11-02-28 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 55 | Pressure test of the cooling circuits | 0,1 w? | Mon 11-02-28 | Mon 11-02-28 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 56 | Metrology control (the disc shall be unclamped to carry out the me: | 0,2 w? | Mon 11-02-28 | Tue 11-03-01 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 57 | Packing and Transport to CERN | 0,1 w? | Tue 11-03-01 | Wed 11-03-02 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 58 | Standard disc | 10,03 w? | Wed 11-02-09 | Wed 11-04-20 | [Gantt bar from 02-09 to 04-20] | | | | | | | | | | | | | | | | | | |
| 59 | Disc rough machining including coupling slots (all +1 mm) | 4 w | Wed 11-02-09 | Wed 11-03-09 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 60 | Drilling of cooling circuits | 3 w | Fri 11-02-25 | Fri 11-03-18 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 61 | Installation of temporary threaded plugs to protect cooling circuits c | 0,03 w? | Fri 11-03-11 | Fri 11-03-11 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 62 | Final machining | 5 w | Fri 11-03-11 | Fri 11-04-15 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 63 | Cleaning | 0,2 w? | Wed 11-04-13 | Thu 11-04-14 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 64 | Leak test of cooling circuits | 0,2 w? | Thu 11-04-14 | Fri 11-04-15 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 65 | Pressure test of the cooling circuits | 0,1 w? | Fri 11-04-15 | Mon 11-04-18 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 66 | Metrology control (the disc shall be unclamped to carry out the me: | 0,4 w | Mon 11-04-18 | Wed 11-04-20 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 67 | Packing and Transport to CERN | 0,1 w? | Wed 11-04-20 | Wed 11-04-20 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 68 | Central disk | 4,7 w? | Wed 11-03-09 | Tue 11-04-12 | [Gantt bar from 03-09 to 04-12] | | | | | | | | | | | | | | | | | | |
| 69 | Disc rough machining including coupling slots (all +1 mm) | 2 w | Wed 11-03-09 | Wed 11-03-23 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 70 | Drilling of cooling circuits | 1,5 w | Wed 11-03-16 | Mon 11-03-28 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 71 | Installation of temporary threaded plugs to protect cooling circuits c | 0,05 w? | Tue 11-03-22 | Tue 11-03-22 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 72 | Final machining | 2,4 w | Tue 11-03-22 | Thu 11-04-07 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 73 | Cleaning | 0,1 w? | Thu 11-04-07 | Fri 11-04-08 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 74 | Leak test of cooling circuits | 0,1 w? | Fri 11-04-08 | Fri 11-04-08 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 75 | Pressure test of the cooling circuits | 0,1 w? | Fri 11-04-08 | Mon 11-04-11 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 76 | Metrology control (the disc shall be unclamped to carry out the me: | 0,15 w? | Mon 11-04-11 | Mon 11-04-11 | [Task bar] | | | | | | | | | | | | | | | | | | |
| 77 | Packing and Transport to CERN | 0,05 w? | Mon 11-04-11 | Tue 11-04-12 | [Task bar] | | | | | | | | | | | | | | | | | | |

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| Project: PIMS1 Date: Fri 10-12-10 | Task | | Milestone | | External Tasks | |
| | Split | | Summary | | External Milestone | |
| | Progress | | Project Summary | | Deadline | |