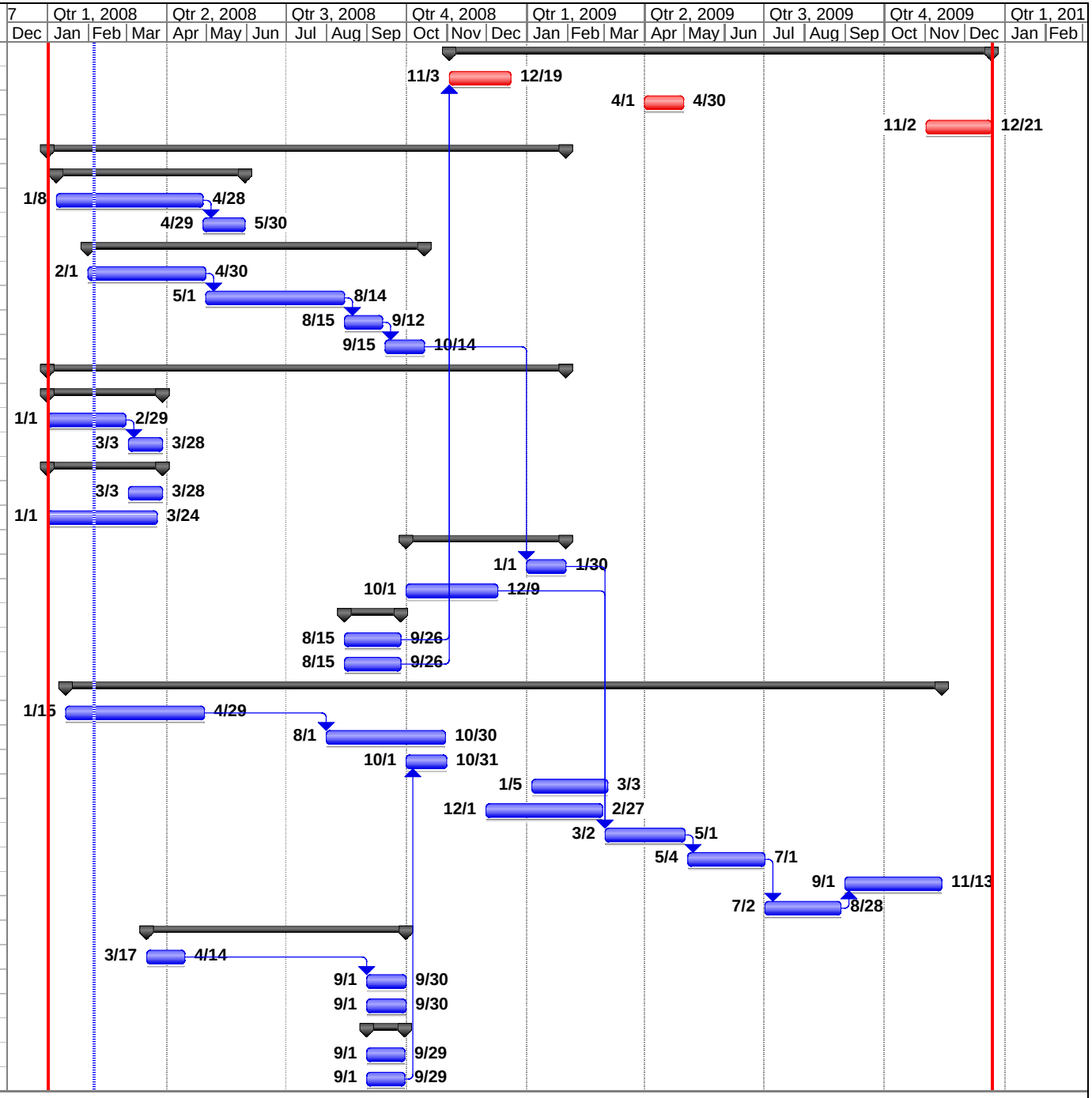| ID | Task Name |
|---|---|
| 1 | **Experiments** |
| 2 | Stage I: TPC |
| 3 | Stage I: complete detector |
| 4 | Stage 2: Cryo-TPC |
| 5 | **MuSun TPC** |
| 6 | **Overall concept** |
| 7 | Design of new cryo-TPC |
| 8 | cryo-TPC TDR |
| 9 | **High res. TPC prototype** |
| 10 | Design pad structure |
| 11 | Test/Optimization pad plane |
| 12 | Build first prototype TPC |
| 13 | Commission @ PSI |
| 14 | **Cryo-TPC** |
| 15 | **Be window** |
| 16 | Prototype production |
| 17 | Cryo and pressure tests |
| 18 | **HV feedthrough** |
| 19 | Production and test |
| 20 | Prepare 80K test stand |
| 21 | **Final cryo-TPC** |
| 22 | Build UHV pad plane |
| 23 | Build field cage etc. |
| 24 | **MuSun Detectors** |
| 25 | Assemble repaired ePCs |
| 26 | Commission neutron, gamma detectors |
| 27 | **Complete cryo-TPC system** |
| 28 | Design control system |
| 29 | Production of control system |
| 30 | Transport cryostat from PSI to PNPI |
| 31 | Test cryo-TPC at 80K |
| 32 | Production vacuum and cryo system |
| 33 | Assembling of complete system |
| 34 | Test of complete system |
| 35 | Assembly of system at PSI |
| 36 | Transport system from PNPI to PSI |
| 37 | **Electronics and DAQ** |
| 38 | WFD splitter board |
| 39 | Commission full analog readout TPC |
| 40 | Prepare frontend electronics TPC |
| 41 | **Gas system** |
| 42 | Calibration of humidity sensor |
| 43 | Pure deuterium production |