

## HEC PSB Exchange Actions

| Action                                                                                        | # Quad.s | Team  | #People | Geometry | Tools needed | Duration | Position            | z(min) | z(max) | <z> | r(min) | r(max) | <r> | Morev table | <rad>  |      |
|-----------------------------------------------------------------------------------------------|----------|-------|---------|----------|--------------|----------|---------------------|--------|--------|-----|--------|--------|-----|-------------|--------|------|
|                                                                                               |          |       |         |          |              | (h)      |                     | cm     | cm     | cm  | cm     | cm     | cm  |             | μS / h | μS   |
|                                                                                               |          |       |         |          |              |          |                     |        |        |     |        |        |     |             |        |      |
| <b>Tasks assumed finished:</b>                                                                |          |       |         |          |              |          |                     |        |        |     |        |        |     |             |        |      |
| Cryostat warm cover removed                                                                   |          | ATLAS |         |          |              |          |                     |        |        |     |        |        |     |             |        |      |
| FCAL removed                                                                                  |          | FCAL  |         |          |              |          |                     |        |        |     |        |        |     |             |        |      |
| Cryostat cold cover removed                                                                   |          | ATLAS |         |          |              |          |                     |        |        |     |        |        |     |             |        |      |
| Access bridges installed                                                                      |          | ATLAS |         |          |              |          |                     |        |        |     |        |        |     |             |        |      |
| EMEC pigtails removed from patch panels                                                       |          | EMEC  |         |          |              |          |                     |        |        |     |        |        |     |             |        |      |
| Install RPDH2                                                                                 |          | ATLAS |         |          |              |          | 1                   |        |        |     |        |        |     |             |        |      |
| Install RPDIN                                                                                 |          | ATLAS |         |          |              |          |                     |        |        |     |        |        |     |             |        |      |
| <b>Remove pigtails from quadrant patch panels and secure pigtails on cryostat back flange</b> |          |       |         |          |              |          |                     |        |        |     |        |        |     |             |        |      |
| <b>Loop over quadrants</b>                                                                    | 4        |       |         |          |              | 32       |                     |        |        |     |        |        |     |             |        | 119  |
| Remove LV pigtails from quadrant patch panels                                                 |          | MPI   | 2       | H1       |              | 4        | Back of HEC2        |        |        | 618 |        |        | 160 | A1.11       | 0,75   | 24,0 |
| Secure LV pigtails on cryostat back flange                                                    |          | MPI   | 2       | H1       |              | 4        | Back of cryo flange |        |        | 618 |        |        | 210 | A1.11       | 0,18   | 5,8  |
| Remove signal pigtails from quadrant patch panels                                             |          | MPI   | 2       | H1       |              | 4        | Back of HEC2        |        |        | 618 |        |        | 160 | A1.11       | 0,75   | 24,0 |
| Secure signal pigtails on cryostat back flange                                                |          | MPI   | 2       | H1       |              | 4        | Back of cryo flange |        |        | 618 |        |        | 210 | A1.11       | 0,18   | 5,8  |
| Remove calibration pigtails from quadrant patch panels                                        |          | MPI   | 2       | H1       |              | 4        | Back of HEC2        |        |        | 618 |        |        | 160 | A1.11       | 0,75   | 24,0 |
| Secure calibration pigtails on cryostat back flange                                           |          | MPI   | 2       | H1       |              | 4        | Back of cryo flange |        |        | 618 |        |        | 210 | A1.11       | 0,18   | 5,8  |
| Remove HV pigtails from quadrant patch panels                                                 |          | MPI   | 2       | H1       |              | 4        | Back of HEC2        |        |        | 618 |        |        | 160 | A1.11       | 0,75   | 24,0 |
| Secure HV pigtails on cryostat back flange                                                    |          | MPI   | 2       | H1       |              | 4        | Back of cryo flange |        |        | 618 |        |        | 210 | A1.11       | 0,18   | 5,8  |