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| **WPPWIE Deliverables Status Report** | | | | | **Date:** | | | 01-Sep-2022 | | |
| **Subproject:** | SP E / PWI with Be, T and neutrons: focus on JET post-mortem analysis and its interpretation | | | | **Deliverable ID** | | | PWIE-SP E.1.T-T002-D003 | | |
| **Deliverable owner:** | T. Dittmar (FZJ) | | | | **Deliverable due date** | | | 31-12-2022 | | |
| **WP Leader:**  **SP Coordinator:** | S. Brezinsek (FZJ)  J. Likonen (VTT) | | | |  | | |  | | |
| **Task title:** | SP E.1 Coordination activity, sample distribution, sample preparation, contact for JET DTE2 samples | | | | | | | | | |
| **Deliverable title:** | FZJ: Sectioning and preparation of samples from metallic components. | | | | | | | | | |
| **Status:** |  | **Completed** |  | **Partially completed** | |  | **Delayed** | |  | **Cancelled** |
| Please write a short status report (max. ½ pages) here.  Please check the status of the deliverable(s) with a “x” in the row above.  If the deliverable(s) are delayed, please also indicate an estimated completion date in the report text.  If the deliverable(s) include machine time, please indicate the number of days that have been used for the deliverable(s) in the report text.  For reference, the specification of this task from the PMP is given below. | | | | | | | | | | |
| **Reference from PMP:** | | | | | | | | | | |
| The Task will concentrate on coordination (VTT), sample distribution and sample preparation for remaining JET ILW3 samples because no new plasma facing components will be removed from the torus before the end of JET operations. The challenging situation with JET prolongation and access requires dedicated effort by the SPL for SP E. Additionally, concepts for transport, cutting, waste management, and analysis of capabilities of laboratories with access to analysis of activated samples with high T content at the end of JET DTE3 is needed. | | | | | | | | | | |
| **Inputs required:**  JET components (first wall and divertor tiles, rotating collectors, W sticking monitors, mirrors, mirror cassettes, Langmuir probes and QMB covers) to be provided by CCFE. | | | | | | | | | | |
| **Tasks to be performed:**   * Sectioning and preparation of samples from CFC divertor tiles. Distribution of samples to other laboratories (VTT)   Sectioning and preparation of samples from metallic and diagnostics components. Distribution of samples to other laboratories (IAP) | | | | | | | | | | |
| **Deliverables:**   |  |  | | --- | --- | | **Deliverable ID:** | **Deliverable Title:** | | D001 | VTT: Sectioning and preparation of samples from CFC divertor tiles. Distribution of samples to other laboratories. | | D002 | IAP: Sectioning and preparation of samples from metallic and diagnostics components. Distribution of samples to other laboratories. | | D003 | FZJ: Sectioning and preparation of samples from metallic components. | | | | | | | | | | | |
| **Management Information**  **Human Resources (2022)**:   |  |  |  |  | | --- | --- | --- | --- | | **Deliverable Owner** | **Beneficiary** | **PM** | **Deliverable (Team)** | | J. Likonen | VTT | 2 | D001 (J. Likonen) | | E. Grigore | IAP | 2 | D002 (E. Grigore, C. Lungu) | | T. Dittmar | FZJ | 1 | D003 (T. Dittmar) | | **Total** |  | 5 |  |   **Machine Resources (2022):**   |  |  |  |  | | --- | --- | --- | --- | | **Device** | **Beneficiary** | **Days** | **Related Deliverable** | |  |  |  |  | |  |  |  |  |     **Other resources:**   * Waste management organised by VTT (JET material)\*: 3k€   **Collaborations:**   * UKAEA * WPTE * ITER and ITPA   **Other information:**  \*Agreed by HoD FSD in dedicated meeting about JET sample management | | | | | | | | | | |