

HI-ECN3 target complex handling equipment

Brainstorming - Consolidation - Upgrade

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HI-ECN3 WP4

List of current equipment – TCC8

- 30t Overhead travelling crane CRPR-00560 (refurbishment 2014)
- Need to upgraded
- Full remote control
- Off board control cubicles
- Full redundancy
- Positioning system
- Full set of PTZ cameras
- Capability to attach tools and motorized spreaders
- Auxiliary hoist 5t/10t

~like the TCC2 crane after refurbishment

To be refurbished at beginning of LS3

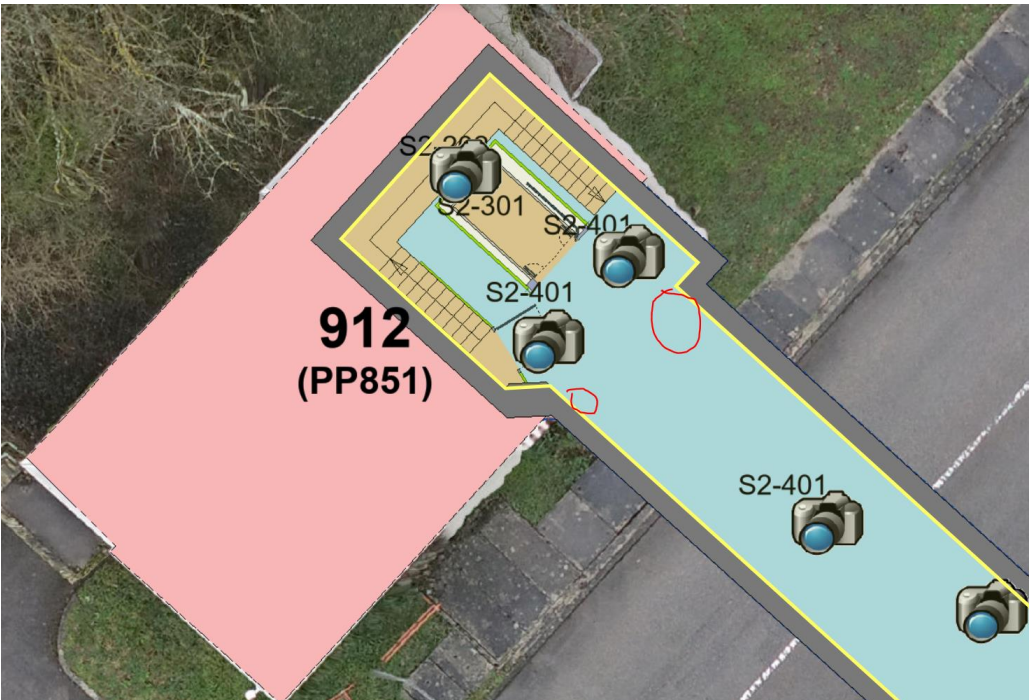
List of current equipment – TCC8

| | PR-560 refurbishment - overall schedule | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|-------|-----|------|------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|-----|--|
| | 2024 | | | | | | | | | | | 2025 | | | | | | | | | | 2026 | | | | | | |
| | March | April | May | June | July | August | September | October | November | December | January | February | March | April | May | June | July | August | September | October | November | December | January | February | March | April | May | |
| <i>Departmental request</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Market survey</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Invitation to tender</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Bids opening</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Finance Committee</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Contract signature</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Design</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Manufacturing</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>FAT</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>On-site intervention</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

30t upgrade draft schedule

Old TCC8 crane equipment 912/S2-401

- To be removed (YETS 24-25)
- Cables to be identified for future removal cable campaign



List of current equipment – 911

- 45t overhead travelling crane CRPR-00610 (replaced 2016)
 - Assessment to understand if compatible with objects we need to handle
 - Need to relocate Crane main switch (currently located on foreseen new door)
 - Need to rework crane access (currently located on foreseen new door)
- 1t Lift CRAS-00520 (Foreseen in NA-CONS) date?

List of current equipment – 912

- 0.9t Lift CRAS-00529 (replaced 2020)
 - No new actions?

List of current equipment – ECN3

- 40t overhead travelling crane CRPR-00561 (refurbishment 2012-2013)
 - Not needed in the handling process for target station objects
- 40t Transfer table CRCH-00415
 - (Foreseen in NA-CONS) date YETS 24-25?
 - Need to be refurbished
 - Off board control cubicles (like for the PSB CRCH-00066/67)



New target complex service building 1/2

- 30t Overhead travelling crane
 - New
 - Installation ~2029
- Transfer trolley (between 911 and new building)
 - On rail?
 - Installation ~2029/2030
- Hoist(s) for maintenance of cooling and ventilation systems
 - Installation ~2029/2030

New target complex service building 2/2

- (~10t) crane (inside service cell)
- New
- Full remote control
- Off board control cubicles
- Full redundancy
- Positioning system
- Full set of PTZ cameras
- Capability to attach tools and motorized spreaders
- Installation ~2030