KOM WPSA Operation Area

Introduction

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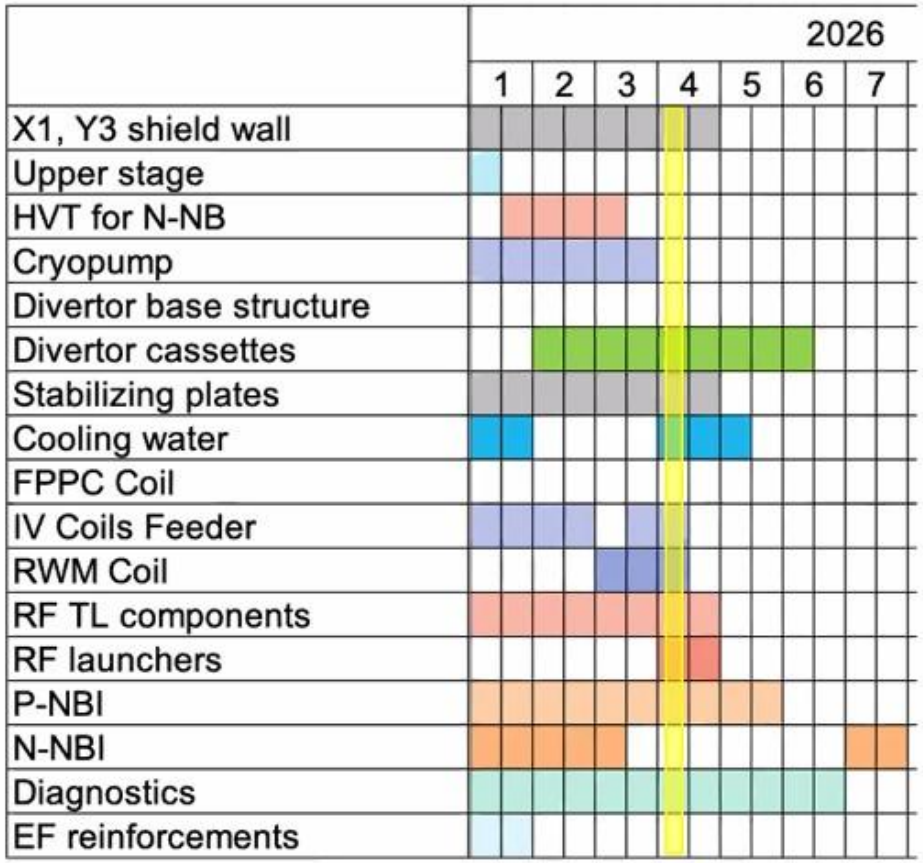
ME1 progress (red=good, green=bad)

M/E1 Progress: good progress



ME-1 Schedule from TCM-44
K.Takahashi

- ✓ Port restoration for coil repairment access opening:
  On-going: 3 openings out of 5 were completed, rest 2 are under welding.
- ✓ Boundary box (B.B.) assembly
  On-going: Even; MGI and other gas piping (boron & Hydrogen) are under weld assembly.
  On-going: Odd; side panel assembly are under leakage test.
- ✓ Primary cooling water piping:
  - Upper vertical pipe unit
    Leakage test on the In-VV side was completed (9/9).
  - Supply & drain for diagnostics & in-VV coils.
    On-going: first wall cooling piping for the inboard & the outboard are under welding assembly.
  - Divertor upper & lower connecting pipes outside tokamak
    Welding at all P01, P05, P10, P15 were completed.
- ✓ Stabilizing Plate Assembly
  Set and alignments of support legs were completed (11/18).
  Double wall at P09M/L, P10M/L, P11M/L were completed.
- ✓ In-vessel Coil feeder
  on-going: EFCC feeder were under installation (7/18).

JT-60SA timeline

Overall Schedule & Milestone for Op-2

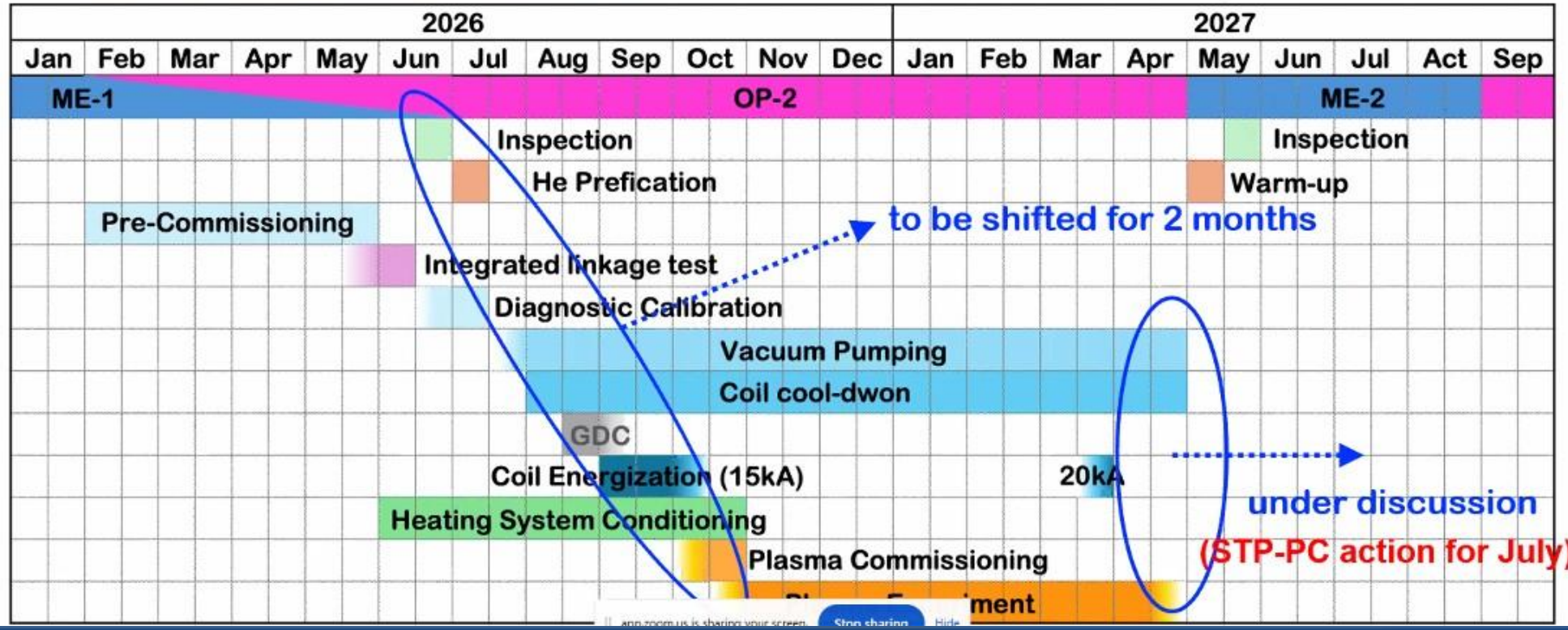
Project Milestones

Vacuum pumping : July 2026 → September 2026

Shine-through experiment with N-NBI : Feb. 2027

H-mode plasma achievement : Mar 2027

20kA PF energization : Mar 2027



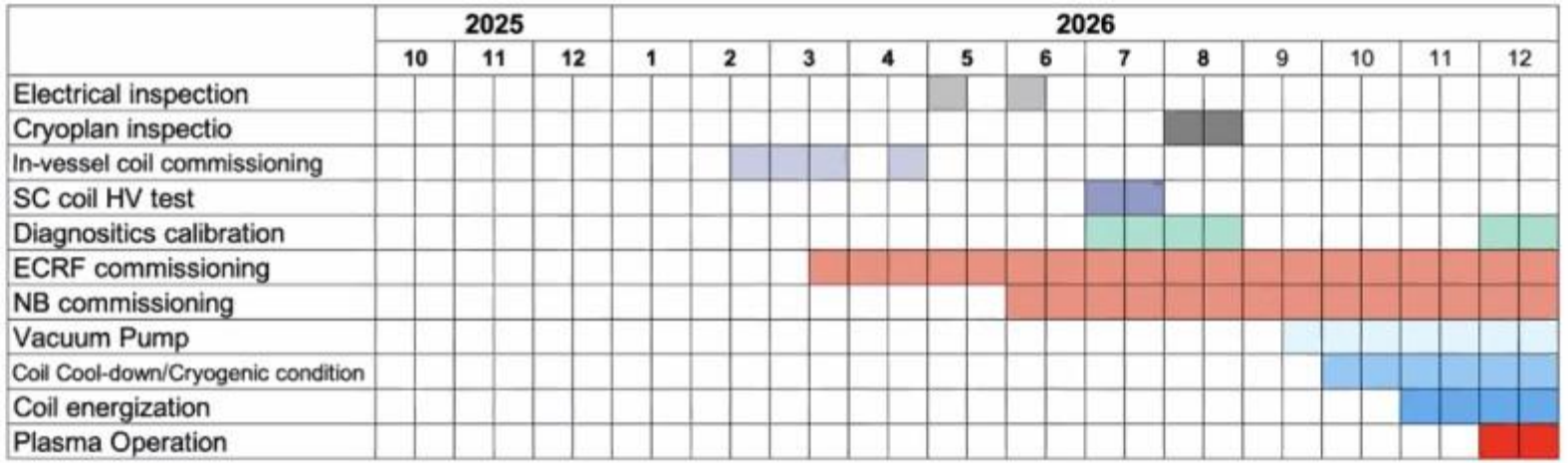
JT-60SA timeline

Status of Schedule & Milestones

Project Milestone

Vacuum pumping : July 2025 → September 2026 (impact of FPPCC winding issues)→ Impact on the global project schedule being discussed

Schedule of OP-2



Incoming events

- **3rd Experiment Team Workshop, 27-31 July 2026 (Naka, Japan)**
  - Workshop topics include: plasma control, integrated data analysis and IMAS, beta test of RMS
  - Includes HMI training ('Invitation to HMI training for JT-60SA' being finalized by PL)
  - Includes pulse design training
- **Note:** dedicated training for future JT-60SA operators under discussion (QST)
- **4th Experiment Team Workshop: end Sept. – beg. October (under discussion)**
  - Workshop topics include: plasma modeling (tungsten, main scenarios, etc.); HMI training, part 2

- **Call for participation to the machine commissioning activities (subsystems etc), with or without plasma in preparation (expected in May)**
- **Technical Coordination Meeting 45 – EPFL/Lausanne 26-29 May 2026**