

# PCR Project Status Report to 12th IG meeting SWE REM

Date: 8 July 2013

# PROJECT MANAGEMENT

Planning → Cfr Slide with bar charts

Major planning evolutions:

## PMB

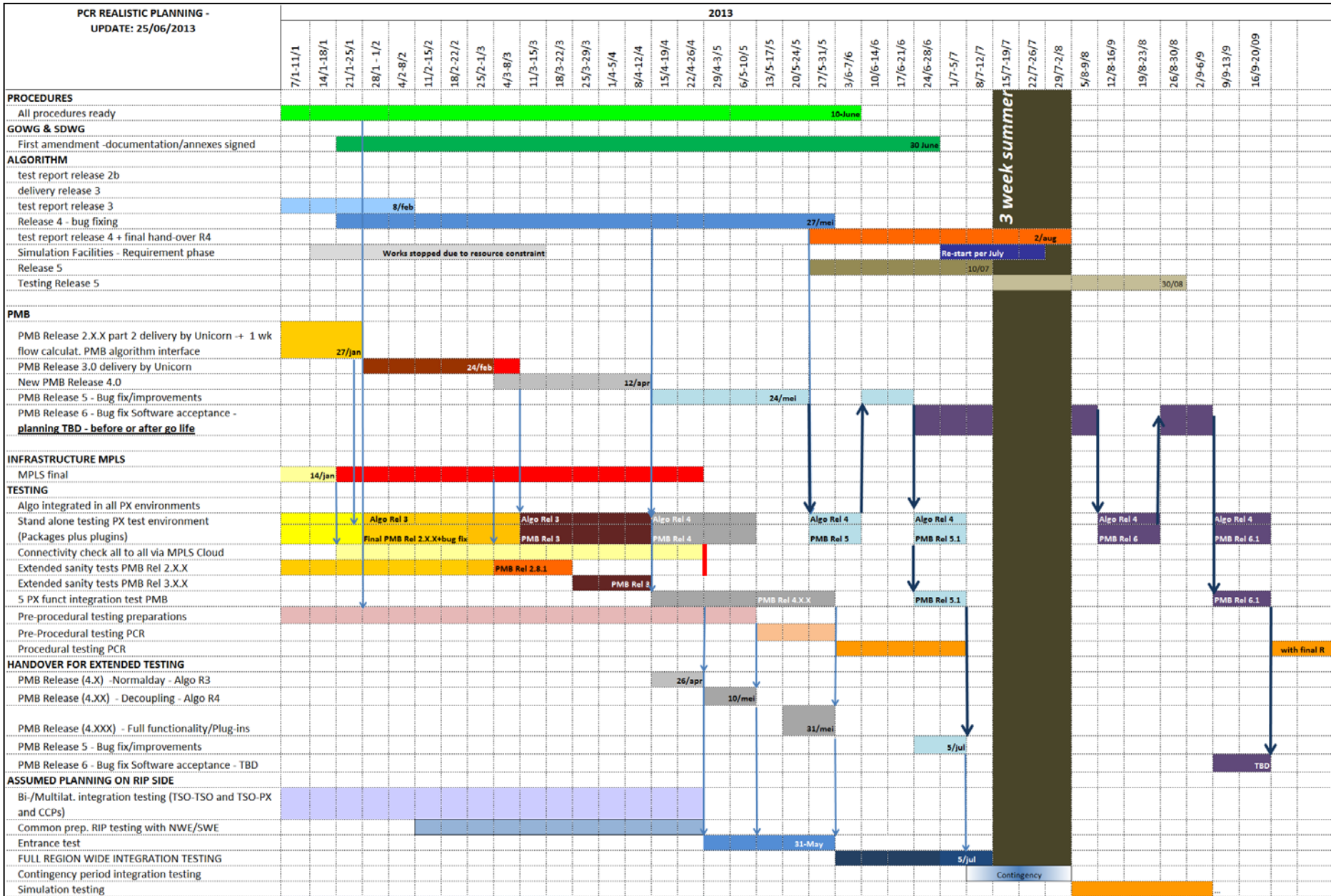
- PMB Release 5.1 is in test and is planned for on-time handover on July 5<sup>th</sup>
- PMB Contingency Release 6 will be used before go-live for modification to implement 'deemed rejection' principle. Delivery and handover planning to be confirmed by PCR

Deemed rejection principle: System will stop and switch to manual mode if one PX did not explicitly accept/reject within the 10 minutes. Incident committee will be launched in this case and Coordinator must either switch the system back to automatic mode to continue the process after confirmation by missing PX or start (partial) decoupling procedure after common agreement.

## EUPHEMIA

- Euphemia Release 4.C was delivered by nSide, regression tests are currently running fine
- This release was handed over to Unicorn for integration into PMB Release 5.1, and will thus be handed over to NWE/SWE on July 5th
- The acceptance test towards nSide on R 4.C runs in parallel with handover and final acceptance report is expected end of July 2013
- Release 5 prototype was delivered ahead of schedule by nSide for the resolution of the bug on combined cases of line losses with negative prices, possibility for earlier handover to NWE still to be confirmed

# UPDATED PLANNING



# ALGORITHM

- Delivery of Euphemia
  - R 4.C was finally delivered and regression test results are positive as expected
  - R 4.C was handed over to Unicorns for integration in PMB Release 5.1
  - Final acceptance runs in parallel and test report will be provided end of July 2013
  - Documentation Package Version 2 is delayed following delay on R4
  - R5 prototype delivery, fixing the bug on line losses combined with negative prices, is ahead of schedule → handover date is still to be confirmed as PCR integration test in PMB must be completed before handover to NWE/SWE
- Acer Study:
  - Simulations have started and target date is advanced to early August on request of Acer
- Simulation Facility:
  - Scoping, budgeting and planning activities will finally start early July 2013
  - Detailed specification works foreseen after August 15th 2013

# PMB/TESTING

- PMB Release 4 was handed over May 31<sup>st</sup> to NWE/SWE but still contained bugs which will be addressed in PMB Release 5.1
- PMB Release 5.1 is in test and handover to NWE/SWE is planned on time for July 5<sup>th</sup>
- Remaining performance issues were detected on database level at local PXs , investigation on-going to determine the need for certifying also the hardware on which the databases are running
- Contingency Release 6 before go-live is going to be used, planning still to be confirmed:
  - Process modification was decided to avoid erroneous deemed acceptance
  - Implementation of first line fallback measures to intervene in the algorithm in case no result is found in time

# SDWG/PROCEDURES

- All technical documents are ready for SC approval July 1st:
  - High level functional architecture
  - PMB specs, Interface specs and User guide R5.1
  - Certification procedures for hardware and infrastructure
  - Change control procedure
  - Unified Codification rules
- All procedures are in final approval process:
  - PCR SC approval of all procedures expected July 1<sup>st</sup> 2013
  - Last open points were depending on discussion/decision to change the process in PMB to avoid possible erroneous deemed acceptance
  - Still subject to confirmation by PCR procedural testing team that the last PMB release facilitates indeed all functionalities needed to run the final procedures
- Certification of hardware and operators is getting started

# REMAINING PROJECT RISKS

PMB & Euphemia deliveries are the main points of attention:

- **PMB:**
  - Possible delay due to undiscovered remaining bugs in PMB Release 5
  - Planning delay due to new Release 6 following change of process to avoid erroneous deemed acceptance
- **Euphemia:**
  - Possible delay due to undiscovered bugs during acceptance testing of the algorithm Release 4.C
  - Possible delay due to no resolution of the bug in case of losses with negative prices
- **Procedures:**
  - Possible planning delay due to remaining modification works on procedures to avoid erroneous deemed acceptance
- **Resources:**
  - Insufficient resources for Simulation Facility design and development