



OCEAN OBSERVATORIES INITIATIVE

OOI CI Release 2 Next Steps and Development Process

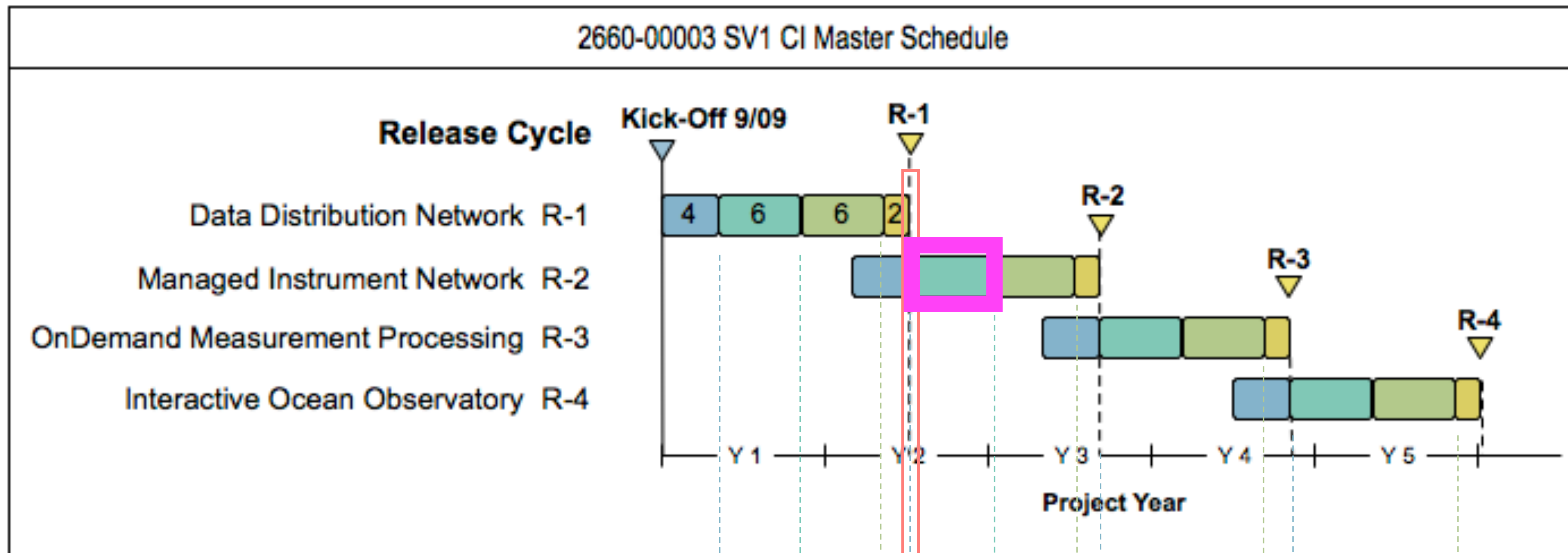
Tim Ampe, System Development Manager

R2 Elaboration Kick-off
La Jolla, CA Sep-6 2011

Agenda

- R2 EI - Timeframe and Schedule
- R2 - Best Practices
- R2 EI - Next Steps

Timeframe

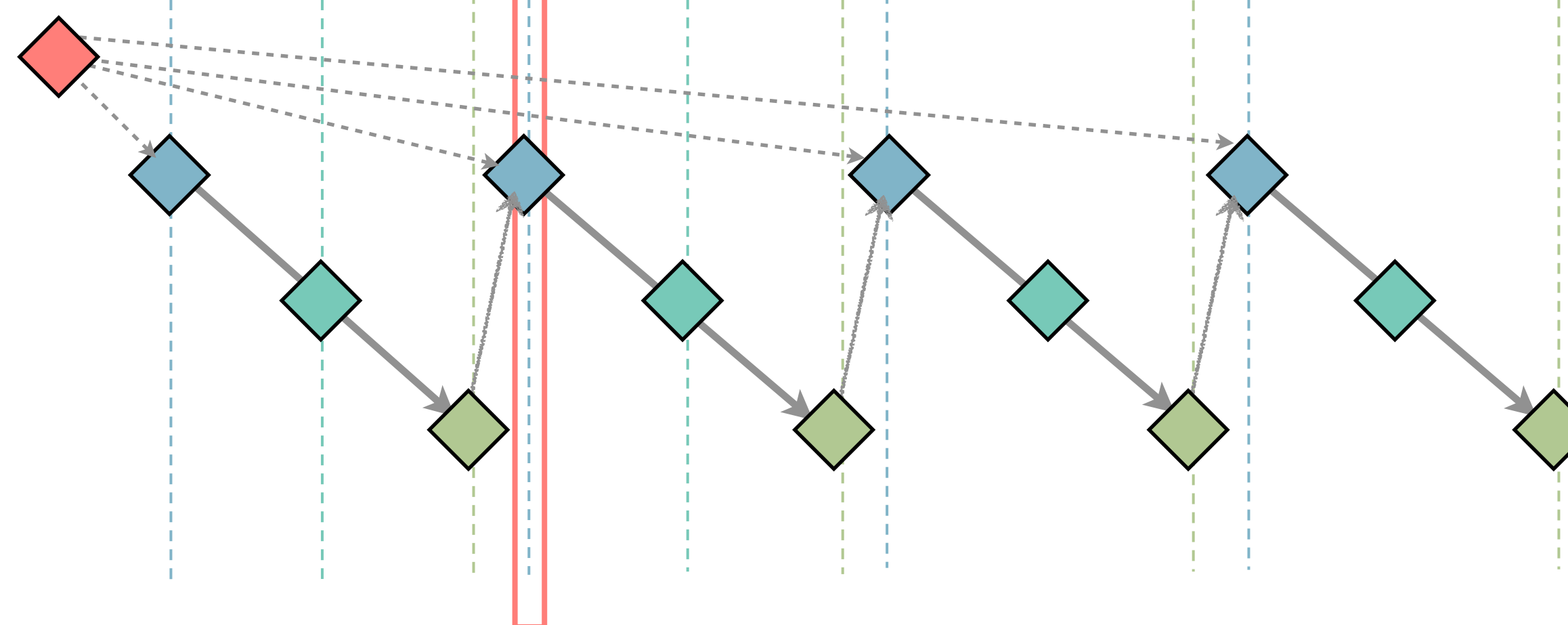


FDR Baseline

LCO Baselines

LCA Baselines

IOC Baselines



Schedule for Elaboration Iteration I

- R2 Elaboration Iteration I (R2EI): 09/05/2011–10/28/2011
- 8 weeks total time includes
 - design period
 - development period
 - and wrap-up period
- PRR Still “in Progress”
- OL Acceptance testing
- RI Production/Support

Best Practices

- Continue to follow Spiral Development Model
- Buildbot automated testing
- Focus on unit testing and code coverage (80%)
- Task confluence pages for planning/design/testing
- Task design review and completion/delivery review
- Iterative Design of Tasks focusing on critical tasks first
- Focus on integration and integration testing
 - Including scalability testing for throughput and resource leaks
 - Pre-conditions for Integration (i.e. documentation about service, appropriate code coverage, task completion review, etc.)

R2 EI - Next Steps

- Working with Leads and Architects to complete Elaboration I subsystem task lists
- Due to conflicts with CG mtg/PRR mtg this week:
 - week 1: specific tasks
 - week 2: design period with Architect team
- Keep subsystem use cases in mind
- Additional Training/Tutorials forthcoming
- R2EI Tasks entered/tracked in Jira shortly

Thanks!