ONAP Release Process

Proposed Updates

Agenda

Current Process & Concerns
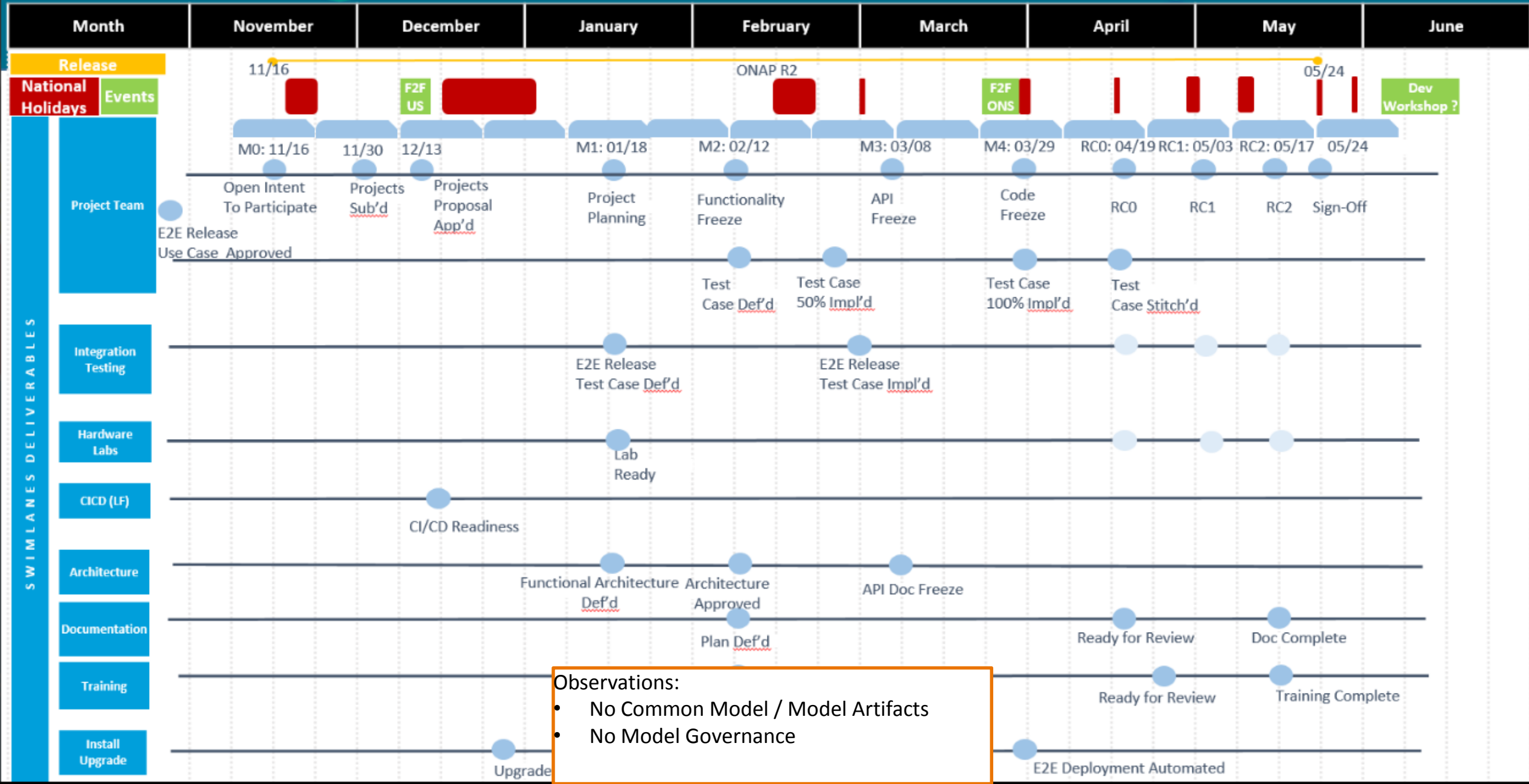
Proposed Updates

Artifacts

Roles

ONAP Beijing Release Calendar (TSC Approved)

Month	November	December	January	February	March	April	May	June

Release

National Holidays — **Events**

11/16 — ONAP R2 — 05/24

F2F US — F2F ONS — Dev Workshop ?

M0: 11/16 — 11/30 — 12/13 — M1: 01/18 — M2: 02/12 — M3: 03/08 — M4: 03/29 — RC0: 04/19 — RC1: 05/03 — RC2: 05/17 — 05/24

Project Team
- Open Intent To Participate
- Projects Sub'd
- Projects Proposal App'd
- Project Planning
- Functionality Freeze
- API Freeze
- Code Freeze
- RC0
- RC1
- RC2
- Sign-Off
- E2E Release Use Case Approved
- Test Case Def'd
- Test Case 50% Impl'd
- Test Case 100% Impl'd
- Test Case Stitch'd

Integration Testing
- E2E Release Test Case Def'd
- E2E Release Test Case Impl'd

Hardware Labs
- Lab Ready

CICD (LF)
- CI/CD Readiness

Architecture
- Functional Architecture Def'd
- Architecture Approved
- API Doc Freeze

Documentation
- Plan Def'd
- Ready for Review
- Doc Complete

Training
- Ready for Review
- Training Complete

Install Upgrade
- Upgrade
- E2E Deployment Automated

SWIMLANES DELIVERABLES

Observations:
- No Common Model / Model Artifacts
- No Model Governance

Proposed ONAP Process Improvements

ONAP Beijing Release Calendar (TSC Approved)

- ## No **Modeling** Presence
  - Add Modeling Swim Lane
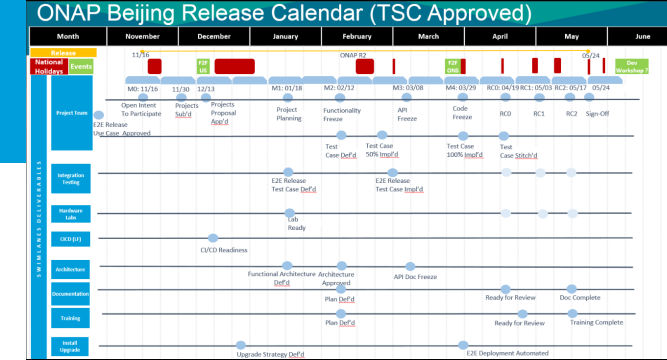 - Add Modeling Artifacts for appropriate milestones to Modeling Swim Lane

- ## M0
  - Only Item in M0 timeframe is "Open Intent To Participate"
  - Add "High Level Infomodel Requirements"

- ## M1
  - Project Planning / Functional Architecture Defined / Architecture Approved
  - Add "Infomodel Plan Established"
  - Note: Infomodel Updates Begin / Data Model Refinement Begin (M1.5)
  - Note: Development Commitments for Infomodel Requirements?

- ## M2
  - Functionality Freeze
  - Add "Infomodel Freeze" (Approval)
  - Add "Data Model Freeze" (Approval)
  - Note: Feed to Data Dictionary??

- ## M3
  - API Freeze
  - Add "Infomodel Final"
  - Add "Component Data Model Final"
  - Add "API Final"
  - Note: Code should be in sync with Info and Data Models This can be handled at the architectural review.

- ## M4
  - Code Freeze
  - Kickoff Information Model Requirements for Next Release
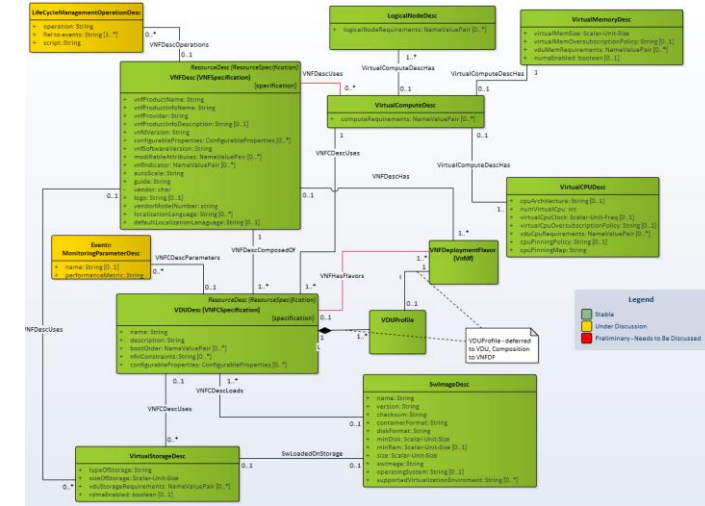
- ## RCx
  - Runtime Compliance Test?

Observations
- Establishes and Evolves a Common Model
- Project (Component) Team Involvement in Modeling Solution
- Governance of Common Model and Corresponding Component Models
- Updates possible in M3 and M4 (bug fixes) per exception process

Information Model Artifact Contains

- Classes

- Relationships with Multiplicity

- Important Attributes with Multiplicity

- Definitions

- Data Types

- Feed to Data Dictionary

- Tooling - Papyrus with GitHub

Component Data Model Artifacts (Implementation Specific)

- Component Data Model

  - Contains objects, attributes, & relationships (more detail than information model)

- Mapping to Information Model

- Feed to Data Dictionary?

API Artifacts

- API Model

- Mapping to Information Model

Information Model

- Internal Committers

- Internal Approvers

- Impacted Project (Component) Approvers

- Impacted API Approvers

- Architecture Group Approvers

Component Data Models

- Internal Committers

- Modeling Team Approvers

- Architecture Approvers

- Impacted API Approvers

API Definitions

- Modeling Team Approvers

- Impacted Project (Component) Approvers

- Architecture Approvers

Establishment and Evolution of a Common Model (Model Consistency)

Continue Move Toward a Model Driven Design

Improve Data Quality