ONAP Release Process

Proposed Updates

Agenda

Current Process & Concerns
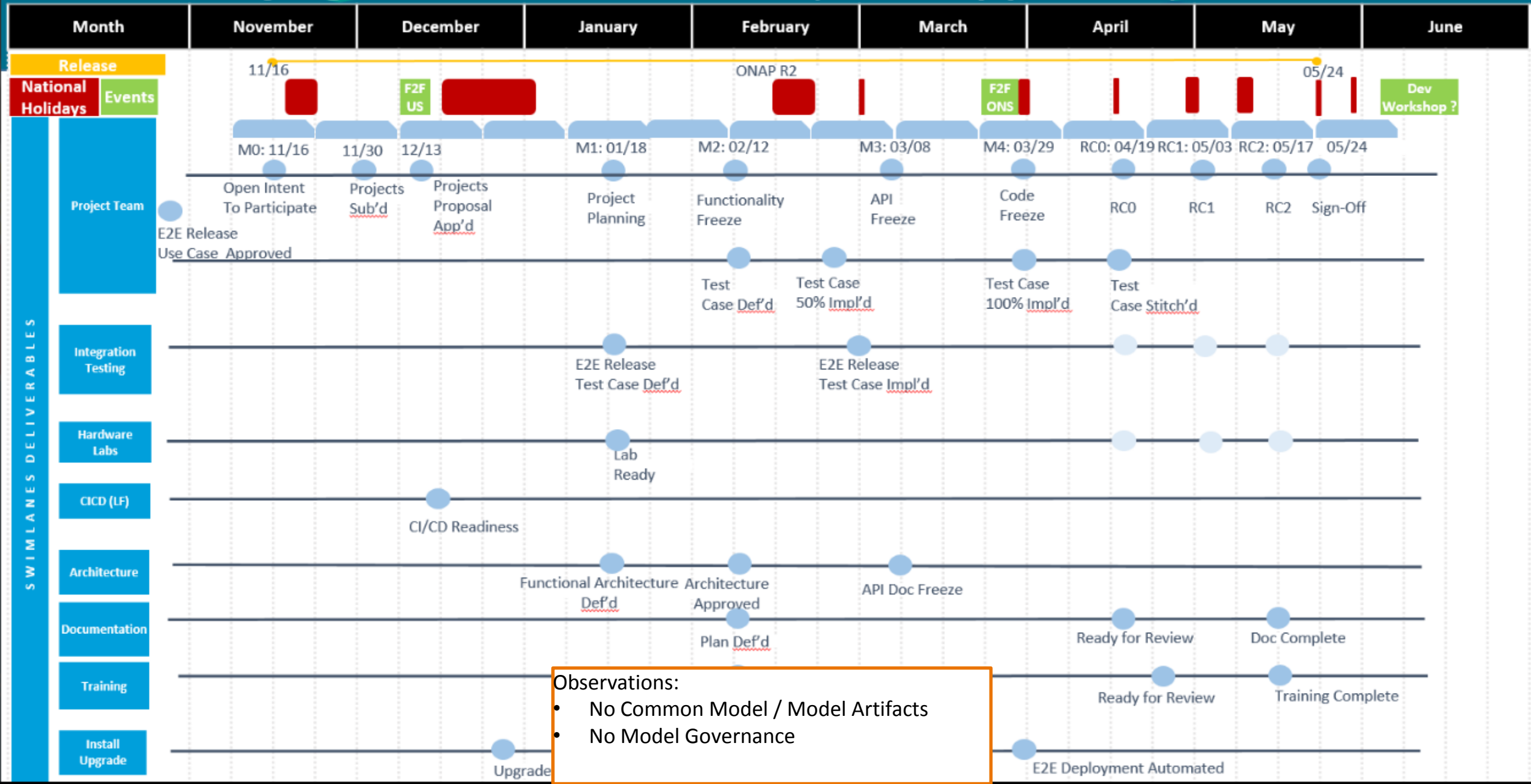
Proposed Updates

Artifacts

Roles

ONAP Beijing Release Calendar (TSC Approved)

Month	November	December	January	February	March	April	May	June

Release

National Holidays — **Events**

ONAP R2

11/16

05/24

F2F US

F2F ONS

Dev Workshop ?

SWIMLANES DELIVERABLES

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

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

  - Note: Data Model Refinements Begin (M1.5)

- ## M2

  - Functionality Freeze

  - Add "Infomodel Draft"

  - Add "Data Model Draft"
    Note: Feed to Data Dictionary??

- ## M3

  - API Freeze

  - Add "Infomodel Freeze" (Approval)

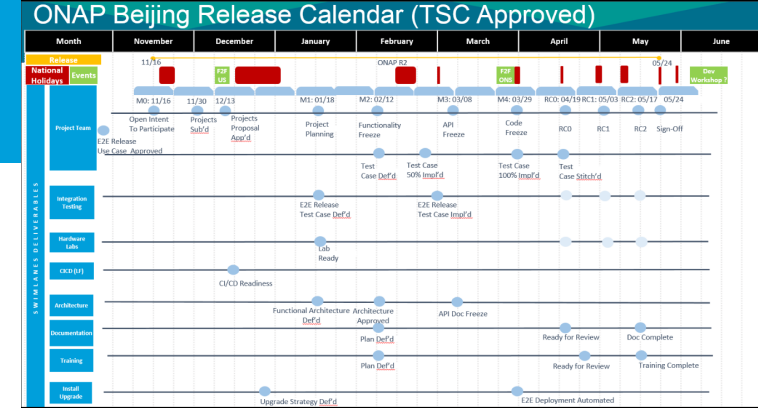 - Add "Data Model Freeze" (Approval – Design Level Compliance)

- ## M4

  - Code Freeze

  - Add "Infomodel Final"

  - Add "Component Data Model Final"

  - Add "API Final"

- ## RCx

Observations
- Establishes and Evolves a Common Model
- Project (Component) Team Involvement in Modeling Solution
- Governance of Common Model and Corresponding Component Models

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)

Pivot Toward a Model Driven Design

Improve Data Quality