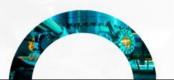


Image Credit: Vera C. Rubin Observatory, CTIO/NOIRLab/DOE/NSF/AURA T.A. R, Richard F. Caris Mirror Lab/Gabrielle Perez











#### Session Outline

- Reminder of the current RIG Content and Structure
- Overview of identified gaps and opportunities
- Main objectives of Section 3.6
- Your feedback



#### Identified Gaps and Opportunities

#### WHY?

- Operations stage guidance for research infrastructure
- ✓ Flexible and scalable alignment
- Guidance for NSF PO & Awardees
- ✓ Increase clarity and consistent terminology
- Language on proposal preparation, facility evolution, & budget contingency planning
- ✓ Provide operational planning guidance

2 N	/AJOR I	FACILITY LIFE CYCLE AND MAJOR FACILITY OVERSIGHT	2.1-1
2.5	Opera	tions Stage	2.5.1-1
	2.5.1	Operations Management and Oversight	2.5.1-1
	2.5.2	Renewal/Competition	2.5.2-1
2.6	Divest	ment Stage	2.6-1

3	FACILITY	LIFE CYCLE MANAGEMENT PLANS FOR MAJOR FACILITIES		
3.5 Operations Planning				
	3.5.1	Preparation of Proposals for Operations and Management3.5.1-1		
	3.5.2	Procedures for Renewal or Competition of an Operating Major Facility3.5.2-1		

4	KEY MA	NAGEMENT PRINCIPLES AND REQUIREMENTS FOR MAJOR FACILITIES 4.1-1
	4.2.6	Budget Contingency Planning during the Operations Stage4.2.6-1



#### Current RIG Guidance Annual Work Plan

#### WHAT?



#### Annual Work Plan

The Annual Work Plan (AWP) describes what the facility expects to accomplish in the coming fiscal year. For many facilities, the AWP, annual operations proposal, and Cost Estimating Plan (per Sections 4.2.2 and 4.2.4) can be combined as one document, so long as all elements are addressed. The AWP should include a series of high-level performance goals (clear and agreed upon goals and objectives, performance metrics and, where appropriate, performance targets) for the coming year. The goals should include both scientific and operations issues (i.e., installation of new equipment or commissioning of new buildings, maintenance, Education and Oversight Training and ES&H). The goals and metrics will naturally vary from facility to facility and should be agreed upon between the Recipient and the NSF Program Officer (PO). The PO will review the AWP goals to ensure they are aligned with the long-term scientific objectives of the facility.

It is the Recipient's responsibility to manage and maintain the NSF-funded facilities, equipment, and instrumentation used in the conduct research regardless of ownership. See Section 6.6 of this Guide. In accordance with federal guidance1 on property that the government owns, leases, or otherwise manages, Recipients should annually provide a brief discussion, cost estimate, and actual expenditures at a high level for the following:

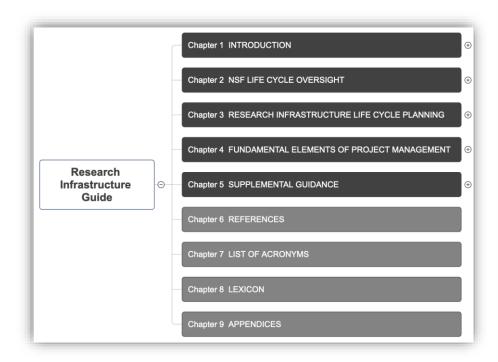
- Recurring routine maintenance and repair.
- Significant infrastructure changes, including modernization, overhaul, upgrade, replacement, and/or expansion for science facilities, equipment, utilities, and/or instrumentation.
- Utilities (including facility operation and purchase of energy)
- General support services (such as grounds and waste management).



### Proposed Revisions to RIG Summary

#### WHAT?

- Science Support Program (SSP)
- Aligning approach to Annual Work Plans
- Components to be used as a guideline
- Non-prescriptive
- Tailor & scale to nature & complexity
- Consistency across programs





#### Proposed Revisions to RIG Reminders

No New Requirements

**Award Instrument Neutral** 

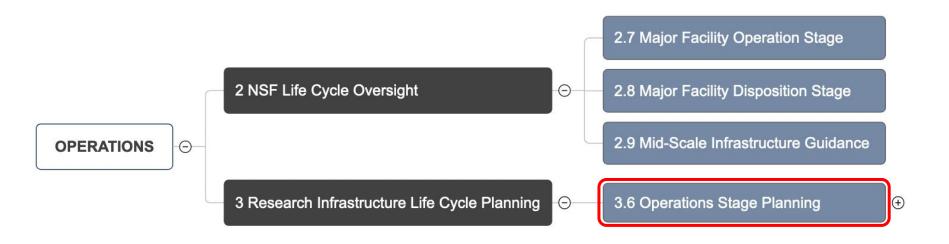
No more than necessary to manage the science support program

Tailoring, Scaling, and Progressive Elaboration

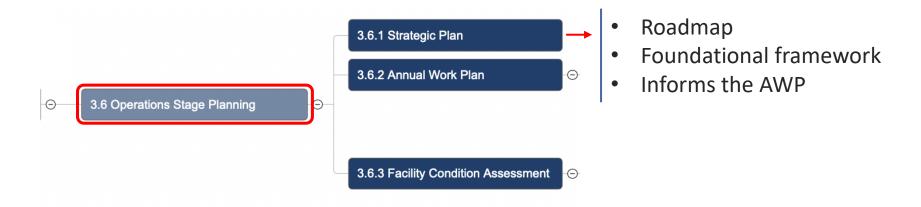










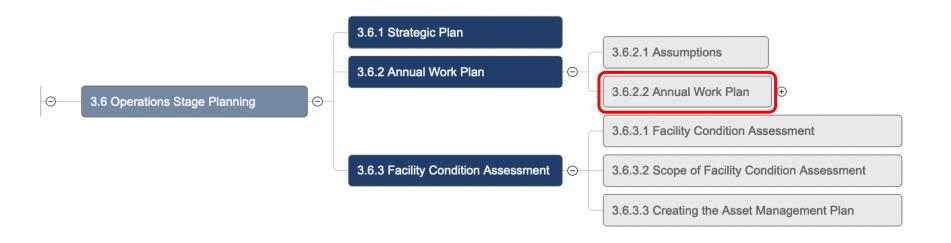




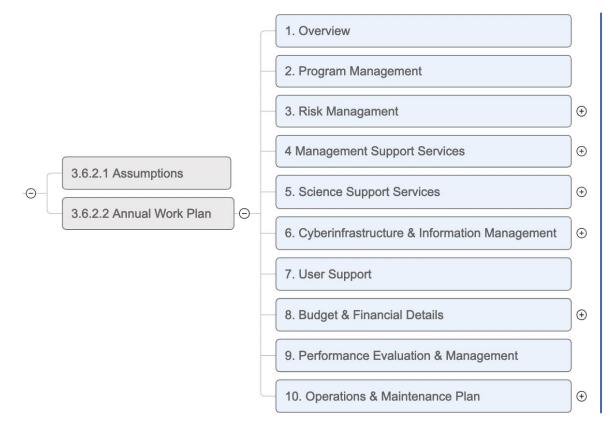


- Expected accomplishments
- Terms and Conditions
- Delivery of intended scope
- Baseline for assessment
- Annual submission
- Funding increments









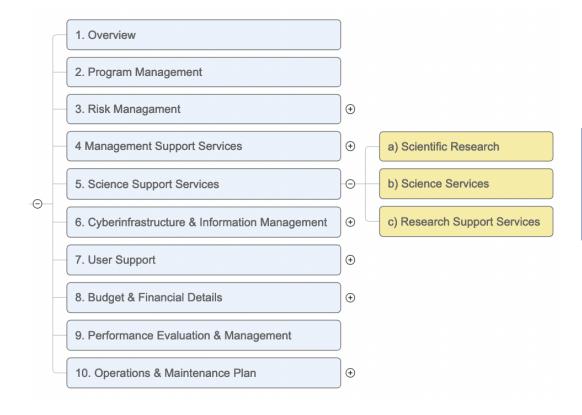
- Structure and content
- Tailor and scale
- Solicitation and T&Cs





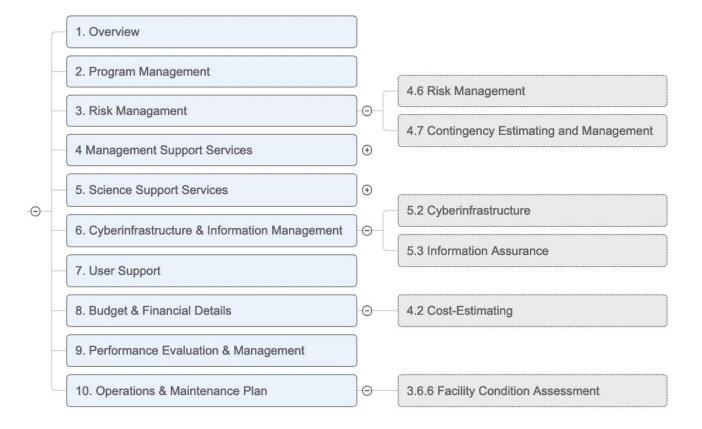
- Intended Outcomes
- Objectives and Activities





- Embedded science program
- Support services
- RI available to community

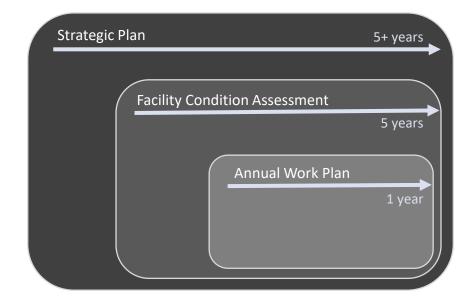






# Operations Stage Planning Summary

- Consistent guidance to Awardees
- Tailored and scaled to scope, type, complexity, and maturity
- Content and structure determined in collaboration with NSF PO
- Three primary components:
  - Strategic Plan
  - Annual Work Plan
  - Facility Condition Assessment





# Operations Stage Planning Next Steps

What is not clear?

What key elements are missing?

What concerns do you have?



# QUESTIONS?