White Papers & Path Forward

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Workshop Deliverables

- White paper reports

  - The SOC will generate white papers for each of the 8 TDAMM sources that we will consider this week

  - The SOC will also generate a policy white paper outlining recommendations on how these programs should be governed and funded

- Community observing plans

  - The SOC will also generate actionable observing plans for each source class

The white papers and observing plans will be made open for public comment and community contributions

Science White Papers

- Scientific Rationale: Summarize key science drivers, outstanding questions, typical timescales, and expected event rates

- Lessons Learned: What worked well during past events and would could be improved

- Current Capabilities: Outline existing facilities, instruments, and data resources relevant to the source class

- Gaps & Opportunities: Identify missing capabilities, coordination challenges, and emerging technologies

- Recommendations: Propose strategies for improving coordination, data sharing, and multi-messenger response

- Programmatic Needs: Suggest mechanisms for governance, funding, and inter-agency collaboration

Governance White Paper

- Determine the strategy for defining and updating the observing plans,

- Identifying people who can trigger the community observing plans

- Determine policy on credit and authorship in publications

- Make recommendations on how best to fund and support the community who would analyze the data obtained through these programs

- Determine what, if any, proprietary period should be placed on data taken through these programs

- Identify any cross-agency opportunities that can be leveraged

Community Observing Plans

- Trigger Criteria: Specify how and when observations are initiated (e.g., GW alert, coincident neutrino detection, transient brightness)

- Participating Facilities: List observatories and instruments contributing to rapid follow-up

- Timeline & Cadence: Outline observational sequence from initial trigger to late-time follow-up

- Data Sharing Protocols: Define data release timelines, access policies, and coordination tools

- Roles & Responsibilities: Clarify points of contact and decision pathways

Timeline

Date	Milestone
Nov 1st, 2025	Consolidate white paper notes
Nov 15, 2025	Begin writing white papers
Feb 1, 2026	First drafts complete Open drafts for community comments
Mar 1, 2026	Close comment period
Apr 1, 2026	Release white papers