REPLACE THIS LINE WITH THE TITLE

The recommended sections for a *TESS* GI proposal are shown below. Feel free to change section headings as necessary, but this is the suggested minimal information that should be included in the proposal. This Science/Technical section of the proposal is limited to 4 pages including figures for small programs and to 5 pages including figures for large programs and key projects. Page limits do not include references.

1 Introduction

Summarize the problem being addressed and give an overview of how your investigation will help. Why *TESS*, why now?

2 Scientific Justification

Provide text and figures that justify the scientific need for *TESS* observations and analyses here. Justify your choice of cadence. When applicable, justify your choice of new 2 min or 20 s cadence observations. If your program includes theoretical, simulation, or ground-based observing components, describe why these efforts are critical.

2.1 (*Only for ToO Proposals*) Trigger Criteria

If the proposed investigation includes Targets of Opportunity (ToO's), describe also the circumstances under which a ToO is triggered, an estimated duration of the event(s), and an estimated probability for triggering the observations. Also discuss the potential science impact imposed by the delay in upload of the event due to *TESS* orbit/uplink constraints.

2.2 (*For programs that require shared risk resources*) Shared risk backup plan

Proposers wishing to utilize 10-minute FFI cadence or 20-second cadence observing modes during Cycle 3 must identify the impact upon their science goals if only 30- minute FFIs and 2-minute cadence modes are available at the time of the observations. If the program cannot achieve its science goals without 20-second cadence or 10- minute FFI modes, this must be stated.

3 Analysis Plan

Discuss how you plan to analyze the *TESS* data (or for ground-based observing programs, the data collected). This includes the development of software tools.

4 Technical Feasibility

Provide text and figures showing that the proposed *TESS* investigations are feasible; consider the *TESS* survey strategy, target observability, and required signal-to-noise, etc. The *TESS* Science Support Center (TSSC) makes several tools available to help estimate these quantities. For ground-based observing focused programs, a description of the resources that will be used should be described here.

5 Expected Impact

Summarize the expected science return of the proposed investigations and the expected benefit to the community, including new data products and software tools to be made publicly available.

6 Work Plan

Provide a brief (1 paragraph) work plan that provides details on how the proposed effort will be carried out, including the allocation of effort amongst investigators. Investigators who are proposing to continue a program that was selected for funding in Cycles 1 and 2 may describe why additional funds are required in Cycle 3. All proposals requesting funds must also provide upon submission a bottom-line budget number in the provided field of the ARK submission form; this number should not be included in the body of the proposal.

7 References

List of references. References *are **not** included* when considering the proposal page limit.

8 Target Table

When necessary to justify your proposal, provide a list of targets using the below example as a template for format. This target table is designed to aid reviewers and need only provide a representative sample of the complete target list uploaded to RPS. Full target tables should be submitted electronically with the Phase-1 proposal. Please limit this target table to only 1 page. The table is *not included* in the page limit of the Science/Technical section. Proposals including a target table may be up to 1 page longer, but only the target table may appear on the final page.

TIC ID	Common Name	RA (deg)	Dec (deg)	TESS mag	Obj. Type	Comments
388857263	Prox Cen	217.428793	-62.679592	7.36	M dwarf	2 min cad., RV planet
353622691	BL Lac	330.6803807	42.2777717	13.1	AGN	20 s cad.