

Draft/Tentative Strategic Plan 2016-2036
SARA Analytical Section

Mission Statement

To promote a formalized methodology for amateur radio astronomy

Vision

By 2036, be a premiere amateur source for compiling and providing formalized source data for professional radio astronomy research based on University requests for campaign data that is concurrent with University research goals.

Goals

1. SARA is a recognized leader in the development of amateur radio observation protocols for use by amateur and professional organizations.
2. SARA is a recognized leader in the development of amateur radio observation databases for use by amateur and professional organizations.
3. SARA is a recognized leader in Pro-Am collaborative efforts in the organization of systematic radio observations on behalf of the professional community.

Objectives

- 1.1 Develop a path to accomplish the objective
- 1.2 Spectroscopic protocols for H- line and molecular spectra
- 1.3 Radio occultation protocol
- 1.4 Fourier analysis validation and review
- 1.5 Use of Skynet / NRAO dishes for test validation of protocols
- 1.6 Signal / Source verification
- 2.1 Spectroscopic databases
- 2.2 Radio occultation databases
- 3.1 Coordination of occultation observations
- 3.2 Sky and Telescope publications
- 3.3 Professional Journal publications

Actions

- 1.1.1 Outline a path to accomplish actions, objective, goals, and the vision.
- 1.1.2 Vet the outline with SARA members and develop it further.
- 1.1.3 Establish a time line.
- 1.1.4 Develop operating policy
- 1.1.5 Seek like-minded volunteers to accomplish the work
- 1.1.6 Hold an annual side meeting of the Analytical Group at the SARA Summer Conference