

Attachment Number 2 to the
Memorandum of Understanding (LIGO-M950025-00-M)
between the
Australian Consortium for Interferometric Gravitational Astronomy
(ACIGA)
and the
Laser Interferometer Gravitational Wave Observatory (LIGO) Project
December 13, 1999

This Attachment to the Memorandum of Understanding LIGO-M950025-00-M covers research involving use of the Caltech 40-meter prototype interferometer November 1994 test data set and the data-analysis package GRASP. Documentation on both the data and the GRASP package will be made available. The period of performance for the activities in this Attachment is from April 1, 1998 to March 31, 2001. This period may be modified by agreement to a revision of this Attachment.

1. This document is an agreement between ACIGA, represented by Susan Scott and David McClelland and the LIGO project. The LIGO staff member Albert Lazzarini will serve as the internal LIGO collaborator and point of contact for the work described below.
2. Susan Scott and David McClelland plan, initially, to collaborate with Bernard Whiting of the University of Florida, to become familiar with the GRASP package and its application in analyzing the LIGO November 40 meter data run. One reason for doing this is to apply this methodology to AIGO 500 data when it comes on line.
3. The results of this study will be communicated to the LIGO project in a collegial and timely manner. Susan Scott and David McClelland also expect to relay any new knowledge gleaned from the data stream that might affect or influence the ongoing analysis of this data and understanding of the instrument, as well as any errors, bugs or problems with the GRASP package and suggested corrections or changes to it.
4. Susan Scott and David McClelland agree that the data and GRASP will not be used for any public purpose (talk, paper, preprint, etc.) without the express written consent of the LIGO project. This agreement is intended to a) ensure that those individuals who made significant contributions towards obtaining and analyzing this data receive proper credit, and b) that the LIGO project has the opportunity to review and vet any conclusions reached. Susan Scott and David McClelland acknowledge that receipt of this software and data does not imply any future commitment on the part of LIGO to supply additional software or data.
5. Susan Scott and David McClelland agree to accept responsibility for controlling access to the

November 1994 test data set, and to GRASP. Access will be restricted to those individuals listed below; other individuals or organizations not covered by this agreement will not have access to these materials in any form. ACIGA may request that individuals be added to (or removed from) this list in the future.

6. It is expected that Susan Scott and David McClelland will contribute to the GRASP package useful code derived from their work. This should be contributed with sufficient documentation and examples (in the appropriate format) to permit independent use by others; LIGO will take responsibility to maintain the overall GRASP package.
7. ACIGA will accept LIGO's eventual decisions regarding the distribution of and access to GRASP, and the materials that they contribute to it.

Approved:

Barry Barish
Barry Barish
LIGO Principal Investigator

David McClelland
David McClelland
ACIGA Principal Investigator

Feb 10, 2000
Date

3/16/00
Date

Albert Lazzarini
Albert Lazzarini
LIGO Staff

1 February 2000
Date