
Project Manager: Nancy Jacobsen Stout

500055 Core Video Annotation Data - MDUC



1) Abstract

This MDUC project provides for the institutional support of “core” (outline) video annotation data from MBARI’s ROV video recordings.

The primary elements of this project are:

- Outline video annotation of all ROV dives in 2002 through ITD.
- Data archiving and dissemination through ITD.
- Data validation through a Science data “champion”.

2) Proposal

“Outline” annotation of MBARI ROV video has been designated a core data stream, which means that support for the collection, processing, and archiving of the data is provided on an institutional basis rather than through individual projects or divisional budgets.

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- Outline video annotation of all ROV dives in 2002 through ITD.
- Data archiving and dissemination through ITD.
- Data validation through a Science data “champion”.

The supervisor of the Video Lab (Nancy Jacobsen) will manage this project, and the MDUC Chair (David Caress) will serve as lead scientist.

The ROV outline video annotation team includes:

- Nancy Jacobsen Stout (Video Lab, ITD)
- Jim Barry (Data Champion, Science)
- Kim Riesenbichler (MDUC, Science)
- David Caress (MDUC, Science)

3) Budget

Resources and Expenses

This project is expected to operate in 2002 as it currently does. The project budget will include only the primary resources and expenses required to annotate the ROV video in outline mode and to maintain the annotation database, including annotation staff time and video tape expenses. All other Video Lab expenses will be covered either in the ITD Video Lab divisional budget, or in other project budgets (e.g. projects requiring video annotation in “full” rather than “outline” mode).

The following budget estimates are based on 150 *Ventana* and 150 *Tiburon* dives projected for 2002:

- Approximately 300 days for video analysis and processing by video annotation staff.
- Approximately \$80,000 will be required to purchase Digital Betacam video tapes, which is the primary video archive format required for ‘Outline’ annotation.

4) Milestones

- Daily: Each video annotation staff member will annotate 4 hours per day each day he/he is at work. The video staff will work with the Video Annotation Data Champion as needed to address questions and concerns regarding the annotation process or scientific value and usefulness of this data.
- Quarterly: The video data “champion” will validate the quality of the video data by providing monthly email reports to the MDUC committee.
- July 2002: MDUC review of video annotation quality and preliminary recommendations and budgeting for 2002.
- September 2002: MDUC finalizes budget and recommendations for 2003.