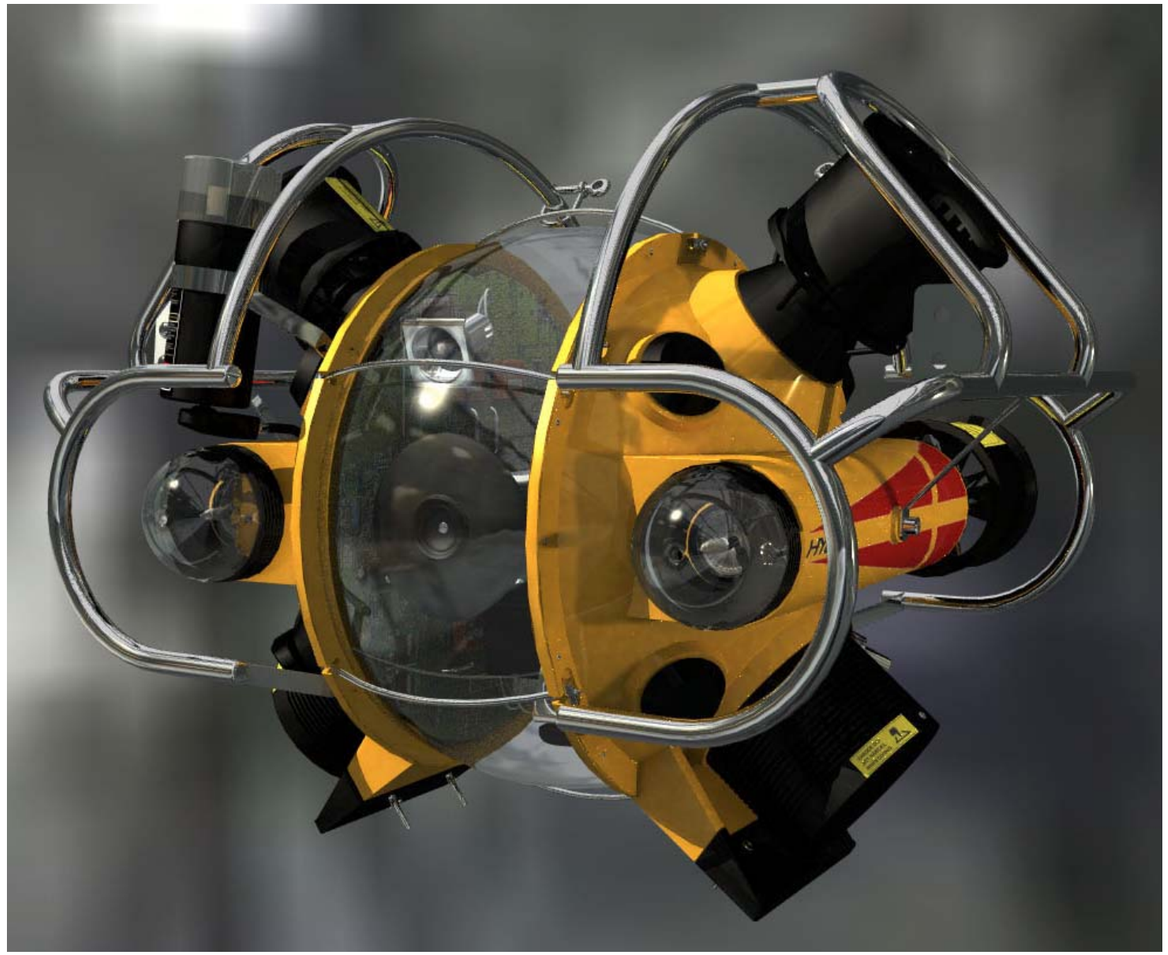
Award of Distinction
form•Z Joint Study Program
2003
AWARD OF DISTINCTION

Project Title: **Underwater Remote Controlled Camera (R.O.V.)**
Students Name: **Ross Gouck**
Level: **3rd Year**
Course: **Information Illustration**
Advisor/Instructor: **Mike Tully**
Principal Investigator: **Mike Tully**
Department / School: **School of Art and Design**
Blackpool and The Fylde College
Blackpool, Lancashire, UK



Summary description of project:

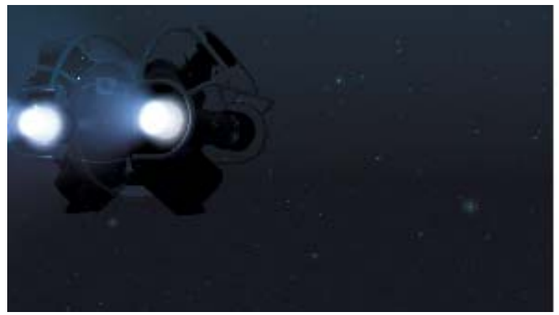
This project was a production of a short animation visualising the ROV within its own environment. The animation is part of an interactive DVD presentation allowing the user to see the ROV functioning under water and around objects, to give the viewer a first hand impression of how the ROV manoeuvres and caries out various tasks.

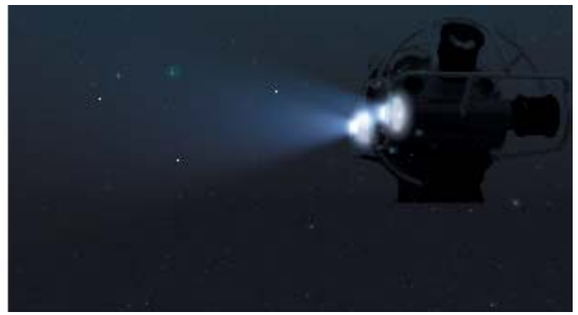
Using **form•Z**, students produced a highly detailed model in preparation for the final animation in Lightwave. Post production was done with After Effects, Final Cut Pro, DVD Studio Pro.

Reasons for the nomination:

When the student first proposed this project I was concerned as to whether it was possible to achieve the final result he was after. I was not concerned over his ability or enthusiasm but the challenge of representing an underwater scene effectively, given our limited resources and time scale - I had not reckoned on his ingenuity, persistence, and hard work.

The final result based upon a highly detailed **form•Z** model is astonishing. The student's approach to his work was absolutely thorough, from his detailed storyboarding to his research on shipwrecks and ocean environments he has managed to produce a thoroughly believable presentation that is very professional and involves the viewer at every turn. The final composited result makes use of particle system techniques and alpha channels and integrates well with his choosen sound track giving the viewer an eerie sense of this autobot in its own isolated world, a terrific piece of work.





Jury Comments

This project demonstrates the powerful ability of **form•Z** to model and render detailed material assemblies. Moreover, the project clearly identifies that **form•Z** is a very important software in the tool bag, as it facilitates transparencies into and from other software. To achieve such a high level of visualization and representational depth, many software were deployed to achieve the end goal. **form•Z** makes it easy to develop the set and the cast for this successful multimedia composition. This project is clearly worthy of merit from the Joint Study Program, as the author fully exploits the design (modeling and material) potential of **form•Z** as essential software in a "raft" of platforms assembled to create a full multimedia experience.
- Kevin R. Klinger

Very interesting design. The visualization effects are readily apparent and very successful in capturing the underwater nature of the design as well as its amphibious design intentions. Quite astounding use of the design and visualization capabilities of **form•Z**.
- Paul Seletsky