

Minutes from the 10/1/10 meeting

Written by Billie Taylor

Saturday, 02 October 2010 19:40 - Last Updated Saturday, 02 October 2010 19:51

Y-1

Fishing line will be too brittle to use for deep sea. We're back to our first design for the weight release system.

We want it to surface as close to where we dropped it as possible. Instead of a drum full of diesel, a long thin vertical balloon with fins should act as a torpedo to expedite its ascent.

On the top we should have a very long, thin highly polished steel rod with an X-Labs flag on top to facilitate retrieval. An alternative to the flag is a corner reflector.

For the first test in 150-200 feet of water, we will use cable to retrieve it.

As soon as the weight release system is tested successfully, we need to start on phase two, building the payload.

Indica will research components pressure limits.

Possibly use a small pressure chamber for the first test to see when the components fail. This can be removed later.

Components need to be tested in a high-pressure environment.

We need to research chips designed for deep-sea or space environments.

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In the next week, we need to test our plywood prototype.

Billie will research whether there is a deep pool with a window on the Tampa Campus.

We won't be able to test the prototype in Coyt's pool for two weeks.

Flyers

We need to start printing out these new flyers

Everyone gets 14 color prints a day. We need to work together to get enough printed

Website

Install Recaptcha to filter out the spammers.

If the Recaptcha doesn't work Coyt will set up an e-mail alternative.

Content for Y1

Categories

Overview

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Electronics

Weight release system /Delivery system

Payload

Billie will send her notes about Y1 to Alex for approval before posting on the website.

Coyt will set up the menu so that members can post content.

Homepage is set up as a blog roll.

Google Groups

Everyone needs to sign up for the members Google group in order to receive e-mail updates