



Pier 26, The Embarcadero
San Francisco, CA 94105
www.underwater-resources.com

Facsimile

To: Environmental Crossing Inc.
Attn: William Gardner
Fax No: 936 441-9082
Ph No: 936-441-9080

From: Dean Moore
Date: Tuesday, October 25 2005
Ref:
No. Pages (including header page): 1

**Subject: Proposed Anchoring Plan to Conduct Diving Services – Monterey Bay
Aquarium Research Institute, Moss Landing CA.**

Dear William,

1. Please find explained the proposed anchoring plan for our dive boat ('Shana Rae') which is the platform that will be used for all diving operations.

Proposed Anchoring Plan:

With simplicity as a primary goal, it is our intention to single-point anchor the Shana Rae over the dive site, with a light downline to the ocean floor where the dive work is to be conducted. This will allow the well-placed vessel to oscillate slightly, when conditions are consistent enough to allow it. The primary anchor tackle is heavy, fast, and reliable. This approach has been conducted on numerous occasions for a wide variety of dive operations. The more anchors that are laid, the more possibility for hang-ups, and the longer it takes to re-anchor if conditions change dramatically. The single point anchor can be re-anchored in a matter of minutes, once the diver is back on board and the downline is buoyed off. Providing this approach allows for the diving work to be conducted which includes locating the drill rig, cutting, rigging and safely picking the section of drill rig onto the boat, this anchoring plan would be most suited.

The second approach if conditions are a little more variable, would be to see which side of the worksite the boat tended to favor, and to then place a light secondary stern anchor on the other side of the site, and with a gentle pull on it to stabilize the boat over the site. A third stern anchor back on the side we favor can add some stability, but usually not enough to warrant the extra potential for hang-ups.

If the project requires a full day's stability, through a couple of tide changes and/or an afternoon breeze, we can pre-set a heavy 2nd bow anchor with its own crownline on it, say off to the starboard-upwind of the site. This would then allow us to set the primary, heavy bow anchor off to port, slack it off enough to recover the floating leader line from the anchor & chain to starboard, attach 600 feet of 1" poly and fall back on both to a point right over the site. We could still set a light stern anchor or two from this configuration, but it is unlikely it is necessary, once set between the two bow anchors.

The boat is fitted with pre-set heavy anchors (4 total) with crownlines and lights for operations extending beyond overnight. Also the boat has a second line-handling skiff if required. The Shana Rae is well known for its anchoring capabilities, and our Captain/Owner has almost 30 years of experience, so we are confident that the boat will be securely anchored prior and during the dive operation.

Best regards,

A handwritten signature in dark ink, appearing to read "D. Moore".

Dean Moore
Operations Manager



Ph: 415/974-5464
Fax: 415/974-1749
State Contractor's License: 639975

