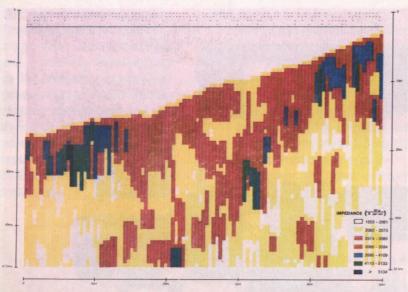
Caulfield Engineering - A
Division of Caulfield Creative
Arts Ltd.
193 East Whitecroft
Sherwood Park, Alberta
Canada T8B 1B7
Tel: (403) 467-9813

Subsidiary:

Caulfield Creative Arts Inc., Houston, TX, U.S.A.

## Contact:

D. Caulfield, President



SUBBOTTOM DATA PROCESSED FOR ACOUSTIC IMPEDANCE

Caulfield Engineering is a small, highly specialized company dealing in advanced sonar and shallow seismic signal processing. It provides a complete series, from specialized products such as stereo side scan, spatial ship's speed meter, shallow geophysical digital processing system (acoustic core system), and CE7000 computer

Caulfield has introduced a new approach to shallow seismics, shown in these sub-bottom data processed for acoustic impedance.

to engineering and software services. Caulfield has a "handson" field attitude and is willing to travel to almost any part of the world to support client needs. Challenger Surveys & Services Ltd. 500 – 10310 Jasper Avenue Edmonton, Alberta Canada T5J 2W4 Tel: (403) 424-5511

## Contacts:

Vic Wolchansky, President Dave Thomson, Project Manager

Challenger Surveys & Services Ltd. offers a high standard of professional survey services to the public, government and industry. This is achieved through the diverse academic background and practical experience of its professional staff. The company's strength lies in the expertise of its personnel, who have offshore survey experience ranging from small bathymetric surveys to large-scale development projects using novel applications of existing technology. The company has ready access to a large inventory of offshore state-of-the-art survey equipment. Challenger maintains in-house a variety of Hewlett Packard technical and IBM compatible computers. The firm also maintains its own software and allocates a large portion of its resources to the development of new software and techniques.

Commercial Diving and Marine Services Ltd. P.O. Box 326 Prince Rupert, British Columbia Canada V8J 3P9 Tel: (604) 627-1415

Contact:

W.J. Belsey, President

Commercial Diving and Marine Services Ltd. is a professional consulting firm, providing both government and industry with a professional and qualified service, specializing in underwater inspection and non-destructive testing and repair procedures. The company's expertise lies in its ability to take technology underwater. Projects as far north as the Beaufort Sea as well as in the Atlantic and the Pacific oceans have been carried out by this firm. From structural surveys, submarine pipelines and cable inspections, to maintenance and repair procedures. Commercial Diving and Marine has the background, qualifications and experience for all underwater requirements.