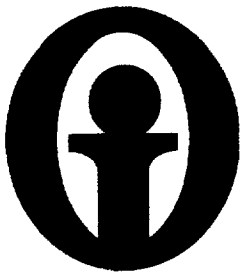

InterOcean

January 28, 1997

Exhibit #049301E1

Ref: FCC Form 442 , item 10

InterOcean Systems Inc., located in the Kearny Mesa area of San Diego California, designs, develops, and manufactures equipment and systems for oceanographic applications. This includes the development of radio telemetry systems for gathering oceanographic data from offshore buoys and /or jetties. In the design of these microcontroller and PC based data collection systems, InterOcean Systems is involved in on going software development to assure maximum reliability of the data collection process. The radio telemetry hardware used for these systems is based on type approved commercial Radios and RF-Modems.

Since the transmission path where the radio links are to be installed are not always ideal, new software algorithms and error checking protocols must be developed and tested to overcome or correct for signal loss, fading, and interference for various system arrangements. In some cases, radio repeaters must be included in the transmission link.

Although communication links may be simulated in the laboratory, it is not possible to simulate all the possible combinations of path loss and interference experienced in the real environment.

With the increased interest in wireless transmission of critical oceanographic, meteorological, and hawser tension data from offshore buoys or near shore (jetties) sites, new methods and technologies must be developed to improve the reliability of the data collection and control process. New sophisticated software and hardware tools will evolve to provide significant improvements in error free data communications as a result of this on going development effort. The verification of the processes can not be accomplished without the testing under the real environmental conditions.

James H. Trageser
Vice President
Director of Product Development

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