

## SDI-12 Technical Committee Meeting

The annual SDI-12 technical committee meeting is held prior to the annual SDI-12 Support Group meeting. This year it will be held at 8 AM on Monday, October 20, at the Sheraton Long Beach Hotel in Long Beach California with the annual support group meeting the following day. The meeting will be in the Melbourne Room.

The purpose of the SDI-12 technical committee is to review formal recommendations for changes to the SDI-12 architecture. The Bylaws require that: "Modifications to the specification will be based on how the changes affect existing options and compatibility."

At this time the only formal proposal to change the SDI-12 specification is the proposed error checking scheme presented in the spring 1997 newsletter.

Topics that are on the agenda to be discussed that may become future proposals are: differential SDI-12, longer data lines, higher data rates, and wireless extensions. The perceived need for these items and their compatibility with the existing standard will be significant factors in determining whether these topics are pursued further to become full fledged proposals.

In addition to the proposed enhancements, the technical committee will review the specification for any areas that need further clarification. The two items on the agenda for review are: Data Line "Off" Impedance and Inductive loading of the supply line.

## Technical Committee

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## Board of Directors

Mike Jablonski, Chairman  
Gerald Calhoun, Board Member  
William P. Thomas, Secretary

## SDI-12 SUPPORT GROUP MEMBERS

AMASS DATA TECHNOLOGIES, INC.  
AMJ EQUIPMENT CORPORATION  
ATMOSPHERIC & ENVIRONMENTAL  
SERVICES  
CAMPBELL SCIENTIFIC, INC.  
CAMPBELL SCIENTIFIC (CANADA),  
CORPORATION  
CLIMATRONICS CORPORATION  
COASTAL ENVIRONMENTAL SYSTEMS  
DESIGN ANALYSIS ASSOCIATE, INC.  
DRUCK INCORPORATED  
ENVIRO SYSTEMS  
ENVIRONMENTAL SYSTEMS  
CORPORATION  
FCI ENVIRONMENTAL, INC.  
FOREST TECHNOLOGY SYSTEMS, INC.  
GEOMATION, INC.  
HANDAR, INC.  
HYDROLAB CORPORATION  
HYDROLOGIC H2I, INC.  
IN-SITU, INC.  
LEUPOLD & STEVENS  
MET ONE NORTHWEST, INC.  
MINDATA PTY, LTD  
NR SYSTEMS, INC.  
PAROSCIENTIFIC, INC.  
RAINWISE, INC.  
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SETRA SYSTEMS, INC.  
SIGNAL ENGINEERING, INC.  
SLOPE INDICATOR CO.  
SOLOMAT  
SOUTH FLORIDA WATER MANAGEMENT  
SUTRON CORPORATION  
TAVIS CORPORATION  
TROXLER ELECTRONIC LABORATORIES,  
INC.  
U.S. GEOLOGICAL SURVEY  
VITEL, INC.  
YSI, Inc.

## Tax Exempt Status

The SDI-12 Support Group is a non-profit corporation, which is exempt from federal income taxes under section 501(a) on the Internal Revenue Code. The corporation is registered in the state of Utah.

## Web Page Address

The SDI-12 Support Group's web page address is:

<http://www.sdi-12.org>

The web page has links to companies that are members of the SDI-12 Support Group. If you would like us to add a link to your web page, please send us your web page address. Your company must be a member of the SDI-12 Support Group to have a link from our web page.

*The SDI-12 Support Group is organized exclusively for educational and scientific purposes. The educational purpose is to inform all interested parties about the SDI-12 interface by providing all interested parties with copies of the SDI-12 Specification and providing other information, as appropriate, about the SDI-12 Specification.*

*The scientific purpose is to publish the SDI-12 Specification and to upgrade the Specification when technical changes are necessary to facilitate the collection of environmental data using the SDI-12 Specification.*

## Upcoming Meetings

As in years past, the SDI-12 Support Group will hold its annual meetings in conjunction with the American Water Resources Association (AWRA) conference. This year, the AWRA conference will be in Long Beach, California, on October 19-23, at the Sheraton Long Beach Hotel. The Technical Committee meeting will be on Monday, October 20<sup>th</sup>. The general meeting will be on Tuesday, October 21<sup>st</sup>. All interested parties are welcome to attend both meetings.

The address of the hotel is: Sheraton Long Beach Hotel  
333 East Ocean Blvd.  
Long Beach, California 90802  
562-436-3000

### SDI-12 Technical Committee Meeting Monday 10/20/97 at 8:00 AM Sheraton Long Beach Hotel, Melbourne Room Long Beach, California

Meeting Overview  
Review of Comments  
    Newsletter feedback  
    Other comments  
Discussion of Changes to the Specification  
    General Philosophy - Future course  
    Specification Enhancements  
        Current Proposals  
            Error Checking Scheme using CRC  
        Future Proposals  
            Differential SDI-12  
            Longer Data Lines  
            Higher Data Rates  
            Wireless extensions  
    Specification Clarifications  
        Data line "off" impedance  
        Inductive loading of supply line  
Review of web page

### SDI-12 Support Group Meeting Tuesday 10/21/97 at 7:30 AM Sheraton Long Beach Hotel, Palos Verdes Room (#430) Long Beach, California

Welcome to all participants  
Report from the Technical Committee  
Review of activities of the Group in 1996/97  
Financial Report  
Selection of Technical Committee Members for 1997/98  
Selection of a Chairperson and Secretary for 1997/98  
Open Discussion on SDI-12 and Issues of Concern to the Membership