
SDI-12 SUPPORT GROUP News

SERIAL DATA INTERFACE AT 1200 BAUD

AMJ EQUIPMENT CORPORATION
CAMPBELL SCIENTIFIC, INC.
CAMPBELL SCIENTIFIC (CANADA), CORP.
CLIMATRONICS CORPORATION
COASTAL ENVIRONMENTAL SYSTEMS
DESIGN ANALYSIS ASSOCIATES, INC.
ENDECO/YSI
ENVIRONMENTAL SYSTEMS CORPORATION
FCI ENVIRONMENTAL, INC.
FOREST TECHNOLOGY SYSTEMS, INC.
GEOMATION, INC.
HANDAR, INC.
HYDROLAB
HYDROLOGIC
IN-SITU, INC.
JGS ENTERPRISES, INC.
MET ONE NORTHWEST, INC.
MINDATA PTY LTD
NR SYSTEMS, INC.
PAROSCIENTIFIC, INC.
RAINWISE
RITTMAYER LTD.
SETRA SYSTEMS, INC.
SIGNAL ENGINEERING, INC.
SLOPE INDICATOR CO.
SOLOMAT
SOUTH FLORIDA WATER MANAGEMENT
STEVENS WATER MANAGEMENT
SUTRON CORPORATION
TAVIS CORPORATION
TROXLER ELECTRONIC LABORATORIES, INC.
U.S. GEOLOGICAL SURVEY
VITEL, INC.

AUGUST 1996

The SDI-12 Support Group's mission is to support and educate the environmental monitoring industry on a standard serial interface between data collection systems and micro-processor based sensors.

135 EAST CENTER
LOGAN, UT 84321
801-752-4200
FAX 801-752-1691

1996 Annual Meeting

The SDI-12 Support Group's annual meeting will be held in conjunction with the American Water Resources Association's annual conference this September. The AWRA Conference is scheduled for September 22 - 26, at the Bonaventure Resort and Spa in Fort Lauderdale, Florida.

The SDI-12 Technical Committee will meet on Monday, September 23. The room and time will be announced at least two weeks in advance of the meeting.

The general meeting of the SDI-12 Support Group will be held on Tuesday, September 24. This meeting will begin at 7:30 AM in the Key Largo room. At last year's annual meeting, it was agreed to hold this meeting at 7:30 AM to avoid timing conflicts with the exhibits. Having the meeting before the exhibits open will prevent Support Group members from leaving their booths unattended.

Please call or fax Mike Jablonski by Friday, September 20, at 801-752-4200 (FAX: 801-752-1691) if you plan to attend one or both meetings.

If you have a topic that you would like to put on the agenda for either meeting, please call Mike Jablonski so we can put your topic on the agenda. If you have a technical issue that you would like to put before the Group, please call or fax Gerald Calhoun, Sutron Corporation (703-406-2800, FAX: 703-406-2801). Gerald is the Chairperson of the SDI-12 Support Group's Technical Committee.

Both meetings are open to all interested parties.

The address of the hotel where the meetings will be held is:

Bonaventure Resort and Spa
250 Racquet Club Road
Ft. Lauderdale, FL 33326-9983
954-389-3300✓

AWRA Booth

The SDI-12 Support Group will have a booth (#27) in the exhibit hall at this year's AWRA Conference. Like last year, the purpose of the booth is to provide information about SDI-12. We would like to provide an updated list of all companies that provide SDI-12 products this year. Please call Mike Jablonski at 801-752-4200 (FAX: 801-752-1691) if you would like your company included in this list or fill out and return the ballot on page 4. Also, please call Mike if you have any suggestions on how to improve the booth for this year.✓

The SDI-12 Support Group is a non-profit organization.

SDI-12 Version 1.2

Version 1.2 of SDI-12 was released on April 12, 1996. Version 1.2 adds a concurrent measurement command to the SDI-12 command set, a change address command, an address query command, and a continuous measurement command to SDI-12.

- The concurrent measurement command allows two or more sensors to take measurements at the same time.
- The change address command standardizes the way to change the address of an SDI-12 sensor.
- The address query command provides an easy way to determine the address of an SDI-12 sensor.
- The continuous measurement command provides a way to read certain sensors without using an M command.

Call Mike Jablonski if you would like to receive a copy of the SDI-12 Specification, Version 1.2. ✓

Strong Interest in SDI-12

Over the past year about one company per week has requested a copy of the SDI-12 Specification. Our policy is to send anyone who requests the specification a copy at no charge. ✓

Finances

The SDI-12 Support Group is on sound financial ground. At this writing we have over \$7,000.00 in the bank. Because of this, dues may be waived for 1996-1997. This will be discussed at the annual meeting.

A motion has been made to have the SDI-12 Support Group pay the travel expenses for the officers of the group (the Chairperson, the Technical Committee Chair and the Secretary/Treasurer). In years past, the Chairperson and the Secretary/Treasurer have paid their own travel expenses to attend the annual meeting. Our accountant has said that it is fitting and proper for an organization such as ours to pay such expenses. Because our bylaws do not address this issue, we are asking for a vote on this. Please return the attached ballot with your yes/no vote on this issue. If a majority of responses are affirmative, the Support Group will pay the travel expenses for the Chairperson, the Secretary/Treasurer and the Technical Committee Chairperson to attend the meetings this year. ✓

Corporate Status

At last year's meeting, it was reported that the SDI-12 Support Group lost its corporate status in the State of Utah because some paperwork was not filed. This has been corrected. The SDI-12 Support Group's corporate status has been reinstated in Utah. ✓

Tax Exempt Status

At last year's meeting, a motion was passed to have the SDI-12 Support Group apply for tax exempt status under Section 501(c)(3) of the Internal Revenue Code. As of this writing, our tax exempt status is pending with the Internal Revenue Service. All of the paperwork and supporting documentation were submitted to the IRS for review. The application for tax exempt status is long and complex. When the IRS received our application they then requested additional information, which was provided to them. Our application was completed on June 7, 1996. The initial submission to the IRS was made on April 20, 1996. We hope that the IRS will make a ruling before our meeting in September. ✓

Chairperson for the SDI-12 Support Group

Mike Jablonski is willing to serve a third term as Chairperson of the SDI-12 Support Group. Mike has worked hard over the last year, working with the Technical Committee to release Version 1.2 of the SDI-12 Specification. Mike also worked with an accountant to complete our application for tax exempt status. Unless anyone else wants the job and has the support of the Group, Mike would be pleased to serve another term. ✓

SDI-12 SUPPORT GROUP News

Secretary/Treasurer for the SDI-12 Support Group

Katie Lockyer has decided not to serve another term as Secretary/Treasurer for the SDI-12 Support Group. Katie has been promoted to the President of Handar, Inc. and will devote all of her time to the management of Handar. Congratulations to Katie! Handar will do well with Katie at the helm. Also, many thanks to Katie. She has done an excellent job in her role in serving many terms as Secretary/Treasurer. Katie's departure leaves an opening of the position. Please call Mike Jablonski if you are interested in this position. We will select a Secretary/Treasurer at the 1996 meeting.

As Secretary/Treasurer, you will be on the Board of Directors for the SDI-12 Support Group, which is a nonprofit corporation in the State of Utah. Serving as Secretary/Treasure requires:

- Management of the SDI-12 Support Group's bank account
- Maintaining the group's mailing list
- Helping to write and produce the group's newsletter
- Sending the newsletter to all group members
- Sending copies of the SDI-12 specification to all who request it
- Attending the annual meeting of the group
- Participating in all Board of Directors meetings for the group

- Helping to complete and submit all corporate and tax documents to the State of Utah and to the IRS
- Working with the AWRA to help schedule and plan our yearly meetings
- Attend the yearly meetings and help take minutes of all meetings

This position requires a serious commitment and takes a considerable amount of time. This is a volunteer position.✓

Join Us!

If you are interested in joining the SDI-12 Support Group or in obtaining a copy of the standard, please contact Mike Jablonski.✓

SDI-12 Membership Directory

Attached you will find a directory listing the members of the SDI-12 Group. Each person's address and phone number is included.✓

The SDI-12 Verifier

NR Systems, Inc. will soon release a new version of the SDI-12 Verifier that will test Version 1.2 of the SDI-12. This should be ready by the end of September. This version will run under MS-DOS.

It now appears that it is technically feasible to provide a version of the SDI-12 Verifier software that will run under Windows and Windows 95. Due to the way in which the Verifier uses the hardware in the PC for precise timing measurements, this has not been possible until recently. The company that produces the third party timing software that the Verifier uses has released a new version for their software which can be used in the Windows environment. NR Systems, Inc. is now evaluating that software to see if it is feasible to produce a Windows version of the Verifier. If feasible, NR Systems, Inc. will produce a Windows version of the SDI-12 Verifier.

For questions about the SDI-12 Verifier, call Mike Jablonski at 801-752-4200.✓

SDI-12 Technical Committee

The following nine people serve on the SDI-12 Support Group Technical Committee

Chairman:

Gerald Calhoun (Sutron Corporation)

Jim Betzhold (S FL Water Mgmt. Dist.)

Terry Dickey (Hydrolab)

Terrell Fletcher (Design Analysis)

Mike Jablonski (NR Systems)

Roy Johnson (U.S. Geological Survey)

Rick Lockyer (Handar)

Joe Thurston (Campbell Scientific)

Richard Wearn (Paroscientific)

**SDI-12
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Ballot on Payment of Travel Expenses for Support Group Officers

As discussed in the Finances article, vote yes or no on whether the travel expenses to the annual meetings should be paid for the Group's officers. Return the below ballot to Mike Jablonski by **Friday, September 13, 1996**.

Name: _____

Company: _____

Address: _____

Phone: _____ Fax: _____

Should the Group pay travel expenses of the Group's officers to the annual meetings? Yes No

Do you give permission to list your company at the Group's booth in the AWRA Conference: Yes No

Comments:

Please return this ballot to:

Mike Jablonski, NR Systems, 135 East Center, Logan, UT 84321, Phone: 801-752-4200, Fax: 801-752-1691

Please return your ballot by Friday, September 13, 1996.

SDI-12 Support Group Officers

Chairman

Mike Jablonski
NR Systems
135 East Center
Logan, UT 84321
Phone: 801-752-4200
Fax: 801-752-1691

Secretary

Katie Lockyer
Handar
1288 Reamwood Avenue
Sunnyvale, CA 94089
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