

UPDATED SDI-12 SPECIFICATION

HERE is the updated SDI-12 Specification, Version 1.3. The following changes have been made:

- New commands that support a 16 bit Cyclic Redundancy Check (CRC) have been added. The CRC value is encoded as three ASCII characters and appended to the data values that are returned via the standard D (get data) commands. The new commands are:

aMC!, aMC1! . . . aMC9!
aCC!, aCC1! . . . aCC9!
aRC0!, aRC1! . . . aRC9!

- The Data Line "OFF" impedance has been changed from 200K with an implied $\pm 10\%$ tolerance to an explicit range of 160K to 360K Ohms.
- The definition of low power standby mode has been clarified by adding the following statement to the SDI-12 Specification:

"The low power standby mode, in addition to being a power consumption state, is a protocol state and a break is required to leave that state."

- The statement about inductive loads on the 12V line has been clarified by recommending the use of a series diode on the 12V line.

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

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.

MEMBERSHIP DUES

Membership dues are now due. A dues form is attached or you can download a PDF version from the SDI-12 Support Group website.

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.

SDI-12 Support Group Corporate News

Winter 2000

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TECHNICAL COMMITTEE

Albrecht Dorr
OTT MESSTECHNIK GMBH & Co. KG
Postfach 2140
87411 Kempten Germany
++49-(0)831-5617-0
(Fax)++49-(0)831-5617-209
info@ott-hydrometry.de

Jan Matthews
Druck Inc.
4 Dunham Dr.
New Fairfield, CT 06812
203-746-0400/(Fax)203-746-2494
mattrock@ix.netcom.com

Jerry Calhoun, Chairman
Sutron Corporation
21300 Ridgetop Cir.
Sterling, VA 20166
703-406-2800/(Fax)703-406-2801
jcalhoun@sutron.com

Jim Betzhold
South Florida Water Management District
Building A-100
7257 West Port Place
West Palm Beach, FL 33413
561-682-6972/(Fax)561-697-7291
jbetzho@sfwmd.gov

Joe Thurston
Campbell Scientific, Inc.
815 West 1800 North
Logan, UT 84321
435-750-2342/(Fax)435-750-9540
joe@campbellsci.com

Mike Jablonski
NR Systems, Inc.
135 East Center
Logan, Utah 84321
435-752-4200/(Fax)435-752-1691
nrsys@sisna.com

Paul-Emile Bergeron
Environment Canada
131 Greber Blvd
Gatineau, Quebec
Canada J8T 3R1
819-997-1398/(Fax)
paul-emile.bergeron@ec.gc.ca

Rick Lockyer
Handar, Inc
1288 Reamwood Avenue
Sunnyvale, CA 94089
408-734-9640/(Fax)408-734-0655
rlockyer@handar.com

Roy Johnson
U.S. Geological Survey
Building 2101
Stennis Space Center, MS 39529
601-688-1541/(Fax)601-688-1577
rajohn@usgs.gov

Mike Alkier
Hydrolab Corporation
870 Cameron Rd., Suite 100
Austin, TX 78754
512-832-8832/(Fax)512-832-8853
malkier@hydrolab.com

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SDI-12 SUPPORT GROUP

SERIAL DATA INTERFACE AT 1200 BAUD

2000 Membership Dues

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If we have not added a link to your webpage from the SDI-12 Support Group's webpage, would you like it to be added? Yes _____ No _____

If yes, what is your webpage address: _____

If there has been a change in your address, phone/fax number(s), email, or website address, please check this box so that we can keep the website and mailing list current.

Dues are \$120.00 per year. Membership dues are not deductible as charitable contributions for Federal Income Tax purposes. Make your check payable to the SDI-12 Support Group and return this page to:

SDI-12 Support Group
c/o NR Systems, Inc.
135 East Center
Logan, Utah 84321