

15TH ANNUAL PRECISE TIME AND TIME INTERVAL REGISTRATION

William J. Affeldt, Jr.
Naval Electronic Systems Engineering Center
P.O. Box 55
Portsmouth, VA 23705

David W. Allan
NBS
Boulder, CO 80303

Burton A. Allen
Interstate Electronics Corp.
707 East Vermont Ave.
Anaheim, CA 92803

Carroll O. Alley
University of Maryland
Department of Physics and Astronomy
College Park, MD 20742

John C. Arnold
Bendix Field Engineering Corporation/TF0
One Bendix Road
Columbia, MD 21045

Rex Backus
Kinematics - True Time Division
3243 Santa Rosa Ave.
Santa Rose, CA 95407

O. J. Baltzer
Brightline Corp.
P.O. Box 1016
Cedar Park, TX 78613

James F. Barnaba
Air Force Metrology Center
Newark Air Force Station
Newark, OH 43057

James A. Barnes
Austron, Inc.
737 29th St.
Boulder, CO 80303

Edward H. Beals
NADC
Code 4031
Warminster, PA 18974

Loren S. Bearce
Code 7743, Naval Research Lab
Washington, DC 20375

Ronald L. Beard
NRL
Washington, DC 20375

Christian Beauvy
CEPE
46 Avenue de la Glaciere
Argenteuil, France 95100

Renold R. Beck
MITRE (Washington)
1806 Dolley Madison Blvd
McLean, VA 22101

Roger E. Beehler
National Bureau of Standards
325 Broadway
Boulder, CO 80303

Henry M. Beisner
IBM
21 Firstifield Rd.
Gaithersburg, MD 20760

Jose S. Benavente
Spanish Naval Observatory
S/N Cecilio Pujazon
San Fernando (Cadif) Spain

Kim A. Benton
Bendix Field Engineering Corp
One Bendix Road
Columbia, MD 21045

Raymond J. Besson
Ecole Nationale Superieure
Mecanique Microtechnique
La Bouloie Route de Gray
Besancon, France 25030

Harry B. Bethke
Rockwell International
29582 Vista Plaza Dr.
Laguna Niguel, CA 92677

15TH ANNUAL PRECISE TIME AND TIME INTERVAL REGISTRATION

Ken F. Beutler

JPL

4800 Oak Grove Dr.
Pasadena, CA 91109

Ed Bregstone

USCG

2607 Central Ave.
Alexandria, VA 22302

Michael T. Bingham

SAI

9512A Lee Hwy
Fairfax, VA 22031

R. Grover Brown

Iowa State University
Ames, IA 50010

Louis Bidart

CEPE TH/CSF

Phi we de la Mame Hublay, 95
France

Ellis H. Bryant, Jr.

Weatherchron Co.

5144 Peachtree Rd.
Atlanta, GA 30341

Frederick M. Blanchette

Bendix Field Engineering Corp.

One Bendix Road

Columbia, MD 21045

Carl H. Buehrer

CTS Knights

400 Reimann Ave.
Sandwich, IL 60548

Martin B. Bloch

F.E.I.

55 C.L.B.

Uniondale Michel Field, NY 11553

Giovanni Luigi Busca

Oscilloquartz SA

16 Brevards

Neuchatel, Switzerland
2002

Richard J. Blume

Naval Research Lab

Code 5352-RJB

Washington, DC 20375

Jose E. Calavia

Bendix Field Engineering Corp.

One Bendix Road

Columbia, MD 21045

Emery F. Boose

Mitre Corp.

Box 208

Bedford, MA 01730

Bob Camp

CINOX

3914 Gray Rd.

Cincinnati, OH 45232

Susan E. Borutzki

Jet Propulsion Laboratory

4800 Oak Grove Dr.

Pasadena, CA 91109

George T. Cannon

USAF, Eastern Test

Range/RSL

Patrick Air Force Base,
FL 32925

Robert M. Bowles

U.S. Geological Survey

P.O. Box 465

Falmouth, MA 02541

Richard J. Carlson

Communications Security
Establishment

Dept. National Defence

101 Col. By Drive

Ottawa, Ontario, Canada K1A
OK2

Daniel E. Brannen

HRB-Singer, Inc.

P.O. Box 60, Science Park Road

State College, PA 16804

15TH ANNUAL PRECISE TIME AND TIME INTERVAL REGISTRATION

Clifford F. Casey
Computer Sciences Corporation
6565 Arlington Blvd.
Arlington, VA 22046

Clarence Cassidy
Kode, Inc
2752 Walnut Ave.
Tustin, CA 92680

David N. Chalmers
U.S. Naval Observatory
34th & Massachusetts Ave. N.W.
Washington, DC 20390

Laura G. Charron
U.S. Naval Observatory
34th & Massachusetts Ave. N.W.
Washington, DC 20390

Mary C. Chiu
Johns Hopkins University/Applied Physics Lab
Johns Hopkins Rd.
Laurel, Maryland 20707

Timing Chst
Hughes Aircraft Company
P.O. Box 31979
Aurora, CO 80041

Randolph T. Clarke
USNO - Time Service
Washington, DC 20390

Peter B. Coates
National Physical Laboratory, U.K.
Building 5, N.P.L.
Teddington, Middlesex, U.K.

Jimmie B. Collie
NAVELEX
NC #1 5N20
Washington, DC 20390

William V. Collings, Jr.
Pan American World Airways
Bldg. 989, Mail Unit 840
Patrick AFB, FL 32925

Walter E. Cote
USAF/RADC/DCLW
Griffiss AFB
Rome, NY 13441

Charles L. Daves, Jr.
Hughes Aircraft Company
P.O. Box 31979
Aurora, CO 80010

Duane G. Davis
Hughes Aircraft Company
6251 S. Ulster OP8, Suite 300
Englewood, CO 80111

Andre AD Debaisieux
C.E.P.E.
66 Avenue de la Glaciere
Argenteuil, France 95100

B. F. Dennison
Hughes Aircraft Co.
6926 S. Spruce Dr. West
Englewood, CO 80112

Edoardo Detoma
Bendix Field Engineering Corp.
One Bendix Rd.
Columbia, MD 21045

William F. Dicke
Austron, Inc.
P.O. Box 14766
Austin, TX 78761

Christina E. Dise
U.S. Naval Observatory
34th & Massachusetts Ave. NW
Washington, DC 20390

Lawrence Doeple
DMAAC
9418 Oakwood Manor
St. Louis, MO 63126

Robert W. Donaldson
Westinghouse Electric Corp.
P.O. Box 1897, MS944
Baltimore, MD 21203

15TH ANNUAL PRECISE TIME AND TIME INTERVAL REGISTRATION

Robert J. Douglas
National Research Council
of Canada
Building M-36,
Montreal Road Laboratories
Ottawa, Canada K1A 0R6

Joseph E. Dressel
Naval Electronic Systems Command
Elex 08T21, Rm 4W25
Washington, DC 20363

Hugues Duchaussay
Direction des Recherches Etudes et Techniques
26 Boulevard Victor
Paris, France 75996

Hans P. Dworak
European Space Agency
J. Robert Bosch St.
D 6100 Darmstadt, W. Germany

James D. Echoles
Austron, Inc.
P.O. Box 14766
Austin, TX 78758

Warren E. Edwall
RCA/GSD
1901 North Moore Street
Arlington, VA 22209

Richard A. Eichinger
Bendix TFO/CCS
One Bendix Rd.
Columbia, MD 21045

Robert F. Ellis
Austron, Inc.
P.O. Box 14766
Austin, TX 78761

Barry Elson
U.S. Naval Organization
P.O. Box 32418
Washington, DC 20007

Ferdinand Euler
USAF Rome Air Development Center (RADC)
46 Florence Road
Waltham, MA 02154

Bennie W. Falin
Jet Propulsion Laboratory
4800 Oak Grove Drive
Pasadena, CA 91109

Henry F. Fliegel
Aerospace Corp.
2350 East El Segundo
Boulevard
El Segundo, CA 90245

Vincent J. Folen
NRL
Code 6615
Washington, DC 22375

Paul Forman
Smithsonian Institution
MAH-5025 Smithsonian
Washington, DC 20560

D. Earl Fossler
Trak Microwave
4726 Eisenhower
Tampa, FL 33614

Daniel J. Freedman
Bendix Field Engineering Corp.
One Bendix Rd. M/S EOG/TFO
Columbia, MD 21045

Jerome P. Friedrichs
Motorola, Inc.
2553 N. Edginton
Franklin Park, IL 60131

Harold C. Friend
Defense Communications
Engineering Center
1860 Wiehle Ave.
Reston, VA 22090

Hugo Fizuehalif
Efratom, Ball
25881 Ernestine
Laguna Hills, CA 92653

Daniel D. Fryberger
Interstate Electronics
Corporation
1745 Jefferson Davis
Highway, Suite 601
Arlington, VA 22202

15TH ANNUAL PRECISE TIME AND TIME INTERVAL REGISTRATION

Carl R. Gast
TRAK Microwave
4722 Eisenhower Blvd.
Tampa, FL 33614

Nikolaus Gieschen
Technical University Berlin
12-13 Salzufer
Berlin Fed. Rep., Germany 1000

Asbjorn M. Gjelsvik
MITRE
Burlington Road
Bedford, MA 01730

Robert M. Glasmeier
U.S. Air Force
AGMC - MLE
Newark, OH 43057

Steven P. Glicklich
Navy Metrology Eng. Ctr.
P.O. Box 2436
Pomona, CA 91769

Sy Goldberg
EG&G Inc. - Electronic Components Division
35 Congress Street
Salem, MA 01970

Kenneth R. Goldman
CTS Knights
400 Reimann Ave.
Sandwich, IL 60548

Darence H. Grabill
HRB - Singer, Inc.
P.O. Box 60, Science Park Road
State College, PA 16804

Erhard Graf
Oscilloquartz S.A.
CH 2002 Neuchatel, Switzerland

Richard L. Greenspan
CS Draper Lab Inc.
555 Technology Sq.
Cambridge, MA 02139

Bruce Grover
Litton Guidance & Control Systems Division
5500 Canoga Ave.
Woodland Hills, CA 91320

Glenn R. Hall
3612 Spring St
Chevy Chase, MD 20815

William P. Hanson
Piezo Crystal Co.
100 K
Carlisle, PA 17013

Fred R. Harrison
Austron, Inc.
P.O. Box 14766
Austin, TX 78761

Helmut W. Hellwig
Frequency and Time
Systems, Inc.
34 Tozer Road
Beverly, MA 01915

Alex Hertzberg
Litton Guidance & Control
Systems Division
5500 Canoga Avenue
Woodland Hills, CA 91365

Robert J. Hesselberth
Spectracom Corp.
320 N. Washington St.
Rochester, NY 14526

Car E. Hoefener
Interstate Electronics
707 E. Vermont
Anaheim, CA 92803

David C. Holmes
Kernco
237 Providence Rd.
Annapolis, MD 21401

Peter S.P. Hui
Goddard Space Flight
Center, Code 725
Greenbelt, MD 20771

Ron C. Hyatt
Trimble Navigation
1077 Independence Ave.
Mountain View, CA 94043

15TH ANNUAL PRECISE TIME AND TIME INTERVAL REGISTRATION

Jeffrey S. Ingold
Bendix Field Engineering Corp.
One Bendix Road
Columbia, MD 21045

Robert H. Kern
Kernco
28 Harbor St.
Danvers, MA 01923

Harold W. Jackson
Bendix Communications Div
1300 E. Joppa Rd.
Baltimore, MD 21204

Ernest G. Kimme
Cobit, Inc.
227 N. Sunset
Industry, CA 91744

Chas J. Jensik
Piezo CR4 Stal Co.
P.O. Box 619
Carlisle, PA 17013

Dittmar Kittler
USAF/ESD
ESD/SCS-4M
Hanscom AFB, MA 01731

Andrew C. Johnson
U.S. Naval Observatory
Washington, DC 20309

Chester J. Kleczek
NRL Code 7969
4555 Overlook Ave. S.W.
Washington, DC 20375

Charles B. Johnson
Austron, Inc.
140 Mayhew Way #100
Pleasant Hill, CA 94523

David A. Klein
Litton Guidance & Control
Sys. Div.
5500 Canoga Ave.
Woodland Hills, CA 91304

Kenneth J. Johnston
NRL
Code 4130 NRL
Washington, DC 20375

William J. Klepczynski
U.S. Naval Observatory
Washington, DC 20390

Paul S. Jorgensen
The Aerospace Corp.
El Segundo, CA

Stephen H. Knowles
NRL Code 4183
Washington, DC 20375

Alfred Kahan
USAF/RADC/ES
Hansom AFB
Bedford, MA 02146

M. L. Koonsman
Kode, Inc.
2752 Walnut Ave.
Tustin, CA 92680

Peter Kartaschoff
PTT, RR Division
Ostezmundigen BE, Switzerland

Mark E. Kotancheck
HRB - Singer, Inc.
P.O. Box 60
State College, PA 16804

Donald C. Kaufmann
GSFC/NASA Code 854.2
Greenbelt Rd.
Greenbelt, MD 20771

Anthony J. Kubik
U.S. Naval Observatory
34th Massachusetts Ave.
Washington, DC 20390

William W. Kellogg
Lockheed Missiles and Space -
Research Lab
3251 Hanover
Palo Alto, CA 94304

Paul F. Kuhnle
Jet Propulsion Laboratory
4800 Oak Grove Drive
Pasadena, CA 91109

15TH ANNUAL PRECISE TIME AND TIME INTERVAL REGISTRATION

Ryszard Kunski
Bendix Field Engineering Corporation
One Bendix Road
Columbia, MD 21045

Carl F. Lukac
Naval Observatory
34th & Mass. Ave. N.W.
Washington, DC 20390

Tae M. Kwon
Litton Guidance & Control Sys. Div.
5500 Canoga Ave. MS-25
Woodland Hills, CA 91364

Donald W. Lynch
Naval Research Lab
4555 Overlook Ave. S.W.
Washington, DC 20375

J. M. Landers
Data Time, Inc.
12600 Viewside Drive
Gaithersburg, MD 20878

Thomas Lynch
EG&G Inc. - Electronic
Components Division
35 Congress Street
Salem, MA 01970

Paul G. Landis
NRL
4555 Overlook S.W.
Washington, DC 20375

Alan D. MacIntyre
Ball Corp. Efratom Div.
18851 Bardeen Ave.
Irvine, CA 92715

Jean-Daniel Lavanceau
Lt. International, Inc.
5106 Benton Avenue
Bethesda, MD 20814

Donald E. Mastin
Ballistic Missile Defense
Systems Command (U.S. Army)
P.O. Box 1500
Attn: BMDSC-RDP
Huntsville, AL 35807

Julius C. Law
JPL
4800 Oak Grove Dr.
Pasadena, CA 91107

Edward M. Mattison
Smithsonian Astrophysical
Observatory
60 Garden St.
Cambridge, MA 02138

Felix Lazarus
Hewlett-Packard AG
150 Route Du Nant D'Avril
CH-1217 Meyrin 2, Switzerland

Michael D. Mayhue
Austron, Inc.
4114 Sawmill Valley Dr.
Mississauga Ontario, Canada L5L-347

Christoph Lehner
DFVLR/GSOC-ZDBS
Postfach 756
Weilheim, West Germany 8120

Robert M. McCannon
Weatherchrow
5144 Peachtree Rd.
Atlanta, GA 30341

David Lerner
Technical Services
P.O. Box MM
Lytle Creek, CA 92358

Thomas B. McCaskill
NRL
Code 7966 4555 Overlook
Ave. S.W.
Washington, DC 20375

Vestal R. Lester
Hughes Aircraft Company
19631 Strathern Street
Reseda, CA 91335

15TH ANNUAL PRECISE TIME AND TIME INTERVAL REGISTRATION

Raullo J. McConahy
Applied Physics Lab/Johns Hopkins Univ
Johns Hopkins Rd.
Laurel, MD 20707

Arthur O. McCoubrey
National Bureau of Standards
Washington, DC 20234

James R. McCullough
Woods Hole Oceanographic Inst
Woods Hole, MA 02543

Keith D. McDonald
Federal Aviation Adm
800 Independence Ave.
Washington, DC 20591

Robert L. McGill
Bendix Communications Division
1300 East Joppa Road
Towson, MD 21204

John E. McKeever
U.S. Coast Guard
8413 Ravenswood Rd.
New Carrollton, MD 20784

Richard E. Miller
Kode Inc.
2752 Walnut Ave.
Tustin, CA 29680

Donald H. Mitchell
Datum Inc.
1363 S. State College Blvd.
Anaheim, CA 92806

Joseph A. Molnar
NAVELEX
MC 1
Washington, DC 20363

Billy B. Moon
U.S.A.F.
AGMC/MLEA
Newark AFS, OH 43055

Harry K. Moore
Creative Marketing
Associates, LTD.
6716 Old McLean Village
Drive
McLean, VA 22101

Derek Morris
National Research Council
Montreal Road
Ottawa Ontario, Canada K1A
OR6

Ivan I. Mueller
Ohio State University
Geodetic Science &
Surveying,
1958 Neil Avenue
Columbus, OH 43210

Frank Mullen
FTS Inc.
34 Tozer Rd.
Beverly, MA 01915

James A. Murray
Naval Research Lab
Code 7960
Washington, DC 20375

Arvid E. Myers
U.S. Naval Observatory
34th and Massachusetts
Ave NW
Washington, DC 20390

Stephen Nichols
Naval Electronic Systems
Command
PME 106-6
Washington, DC 20363

Jerry R. Norton
The Johns Hopkins University
Applied Physics Laboratory
Johns Hopkins Road
Laurel, MD 20707

Philip J. Norton
Navastrogru, Systems Dept.
SPM 233
Pt Mugu, CA 93042

15TH ANNUAL PRECISE TIME AND TIME INTERVAL REGISTRATION

Klemens Nottarp
Institut Fuer Angewandte Geodaezie
11, Richard Strauss Allee
Frankfurt/M, FR-Germany, D-6000

Michael J. Nugent
DOD (W36)
9800 Savage Rd.
Ft. George G. Meade, MD 20755

Ernest J. Nyiri
3 dbm System
766 Lakefield Rd.
Westlake Village, CA 91361

Jay O. Oaks
Naval Research Lab
Washington, DC 20375

John T. O'Hara
Marktron FNC/Suite 203
54 Scott Adam Rd.
Hunt Valley, MD 21030

Richard G. Olson
Sonic Sciences Inc.
362 Threenotch Road
Lexington Park, MD 20653

Roger K. Olson
Trak Microwave
4726 Eisenhower Blvd.
Tampa, FL 33614

Harry E. Peters
Sigma Tau Standards Corporation
1675 Northwood
Northport, AL 35476

Edward A Pettit
USAF Eastern Space & Missile
Center/RSM
Patrick Air Force Base, FL 32925

John D. H. Pilkington
Royal Greenwich Observatory
Herstmonceux Castle, Hailsham
East Sussex, England BN27 1RP

David H. Phillips
2901 Accokeek Rd. W.
Accokeek, MD 20607

Ruth E. Phillips
Naval Research Lab
Code 7522, NRL
Washington, DC 20375

Myron A. Pleasure
Chronotechnology Associates
37-13 74th Street
Jackson Heights, NY 11372

Paul J. Pointek
DOD Mail Stop T242
9800 Savage Rd.
Ft. Meade, MD 20755

Timothy C. Pruitt
Naval Avionics Center
6000 E. 21st Street
Indianapolis, IN 46218

Rawlison C. Puig
Dept. of Navy
Box 4265
Point Mugu, CA 93042

Marilyn P. Raines
USNO
34th Street and Massachusetts
Ave., N.W.
Washington, DC 20016

Wilson G. Reid
Naval Research Lab
4555 Overlook Ave. S.W.
Washington, DC 20375

Victor S. Reinhardt
Bendix Field Engineering
One Bendix Road
Columbia, MD 21045

CDR. Leslie W. Renfrey
Royal Australian Navy
1601 Massachusetts Ave. N.W.
Washington, DC 20036

15TH ANNUAL PRECISE TIME AND TIME INTERVAL REGISTRATION

William J. Riley
EG&G Inc. Electronic Components
Division
35 Congress Street
Salem, MA 01970

Ronald G. Robinson
HBB Singer
P.O. Box 60, Science Park Rd.
State College, PA 16803

Richard P. Robson
Raytheon Service Co.
2 Wayside Rd.
Burlington, MA 01803

Ronald C. Roloff
Bendix
8005 McKenstry Dr.
Laurel, MD 20707

Vincent J. Rosati
US Army Electronics Technology
& Devices Lab.
Attn: Delet-EQ
Fort Monmouth, NJ 07703

Lauren J. Rueger
Johns Hopkins University Applied Physics
Laboratory
Johns Hopkins Road
Laurel, MD 20707

Prof. Dr. Reiner Rummel
Geodetic Institut, Tu-Delft
77 ThijssSEWEG
Delft, Netherlands

Tian Run-ging
P.O. Box, Lintoney, Shaanxi
Peoples Republic of China

Mehjabin Saifi
Bendix Field Engineering
One Bendix Road
Columbia, MD 21045

Jules Schlesinger
Hazeltine Co.
Greenlawn, NY 11740

Bernard Rene Schlueter
Oscilloquartz SA
16 Brevards
Neuchatel, Switzerland 2002

Wolfgang Schlueter
Institut Fuer Angewandte
Geodaesie
SAT - BEOB. - Station
Wettzell
8493 Koetzing, F.R.
Germany D-8493

Prof. Dr. Manfred Schneider
Institut fuer Astron.
U. Physik Geodasie
21 Arcisstrasse
Munich, F.R. Germany D-
8000

Prof. Dr. Guenter Seeber
Institut Fuer Theor. Geodaesie
6, Nienburger Strasse
Hannover, F.R. Germany D-
3000

Prof. Dr. Hermann Seeger
Geodaetisches Institut,
Univ. Bonn 7F Nuss Allee
Bonn, F.R. Germany D5300

Richard L. Semer
AGMC/MLEA Newark AFS
Newark AFS
Newark, OH 43057

Phillip J. Sentner
Villanova Univ
218 E. Conestoga Road
Devon, PA 1933

David B. Shaffer
Interferometrics
Code 974 NASA/GSFC
Greenbelt, MD 20771

Irving Silverman
US NRL
4555 Overlook Ave
Washington, DC 20375

15TH ANNUAL PRECISE TIME AND TIME INTERVAL REGISTRATION

Alexander Skopetz
NASA/GSFC
11911 Galaxy Lane
Bowie, MD 20715

Donald M. Strayer
Jet Propulsion Laboratory,
M/S 183-401
4800 Oak Grove Drive
Pasadena, CA 91109

James A. Slater
Defense Mapping Agency/GST
6500 Brookes Lane
Washington, DC 20315

Ed Sullivan
EG&G Inc. Dept. 325
35 Congress St.
Salem, MA 01970

Arthur E. Smith
Trajectory Inst Div
Range Inst. Syms Dept.
Code 3421.3
Ft. Mugu, CA 93042

Joe J. Suter
JHU/APL
Laurel, MD 20707

Ralph R. Smith
Navy Astronautics Group
SPM 214
Pt Mugu, CA 93042

Everett R. Swift
NSWC K12
Dahlgren, VA 22448

Thomas M. Stalder
Bendix Field Engineering Corporation
5707 Thunderhill Rd.
Columbia, MD 21045

David A Symonds
PIEZ0 Technology Inc.
2525 Shader Rd. Box 7859
Orlando, FL 32854

Samuel R. Stein
National Bureau of Standards-
Time and Frequency Division, 524
325 Broadway
Boulder, CO 80303

Richard D. Timblin
HRB-Singer Inc.
P.O. Box 60
State College, PA 16804

C. S. Stone
Brightline Corporation
P.O. Box 1016
Cedar Park, TX 78613

Michael Tope
Kode Inc.
2752 Walnut Ave.
Tustin, CA 92680

Harris A. Stover
DCA/DCEC
1860 Wiehle Ave
Reston, VA 22090

Kenneth M. Uglow
P.O. Box 2260
Sarasota, FL 33578

David Y. Stowell
MITRE
1820 Dolley Madison Blvd.
McLean, VA. 22102

Paul J. Underwood
Johns Hopkins University APL
Johns Hopkins Rd.
Laurel, MD 20707

John T. Strain
Frequency Electronics
1688 East Gude Drive
Rockville, MD 20850

A. J. Van Dierendonck
Stanford Telecommunication
2421 Mission College Blvd.
Santa Clara, CA 95050

15TH ANNUAL PRECISE TIME AND TIME INTERVAL REGISTRATION

John L. van Groos
Kinemetrics - True Time Division
3243 Santa Rosa Avenue
Santa Rosa, CA 95407

William C. Walker
Pan Am World Airways
Bldg 989 Mu 840
Patrick AFB, FL 32925

Marinus J. Van Melle
Rockwell Int
8042 Madia
LaPalma, CA 90623

Fred L. Walls
National Bureau of
Standards
325 Broadway
Boulder, CO 80303

Fran B. Varnum
Defense Mapping Agency
USNO Bldg. 56
Washington, DC 20305

Donald J. Walt
USAF 89th FMS OLA
5473 C. Langley Way
Bolling AFB DC 20336

Lester B. Veenstra
Comsat Laboratory
22300 Comsat Dr.
Clarksburg, MD 20871

Harry T. M. Wang
Hughes Research
Laboratories
3011 Malibu Canyon Road
Malibu, CA 90265

Robert F.C. Vessot
Smithsonian Astrophysical Observatory
60 Garden Street
Cambridge, MA 02138

John C. Warburton
HRB-Singer Inc.
Box 60 Science Park
State College, PA 16804

Jerome R. Vetter
Applied Physics Laboratory/JHU
Johns Hopkins Road
Laurel, MD 20707

Samuel C. Ward
Jet Propulsion Laboratory
4800 Oak Grove Drive
Pasadena, CA 91103

John R. Vig
U.S. Army Electronics Technology & Devices Lab.
Atten: Delet-EQ
Ft. Monmouth, NJ 07703

S. Clark Wardrip
NASA-GSFC
Code 854
Greenbelt, MD 20771

Camil G. Vigneault
Geodetic Survey of Canada (E.M.R.)
615 Booth St.
Ottawa, Canada K1A 0E9

Hugh E. Warren
Bendix Field Engineering
Code 7966 NRL
4555 Overlook Ave.
Washington, DC 20375

John A. Waak
NRL
Code 4134 W
Washington, DC 20375

Werner A. Weidemann
Efraetom
18851 Bardeen Ave.
Irvine CA 92715

H. Beat Wackernagel
USAF Space Command
Peterson AFB, CO 80914

Marc A. Weiss
National Bureau of Standards
325 Broadway
Boulder, CO 80303

Elbert S. Walker
Hughes Aircraft Co.
2911 S. Newark Place
Aurora, CO 80014

15TH ANNUAL PRECISE TIME AND TIME INTERVAL REGISTRATION

James E. Wells
J.P. L. Deep Space Network
S. Elwick Place, Lyons
Canberra A.C.T. Australia 2606

Woody K. Wordsworth
Austron, Inc.
1800 Old Meadow Rd.
McLean, VA 22102

Zuyin Weng
Laboratoire Primaire du Temps et des
Frequencies Observatoire de Paris
61, avenue de l'obersvatoire
Paris, France 75014

C. Robert Wright
DOT/FAA
FAA Technical Center,
APM-164
Atlantic Air Airport, NJ
08405

Gart Westerhout
U.S. Naval Observatory
Washington, DC 20390

James L. Wright
Pan American World
Airways
Bldg. 989 MU 840
Patrick AFB, FL 32925

Paul J. Wheeler
U.S. Naval Observatory
34th and Massachussetts Ave.
Washington, DC 20390

Sien-Chong Wu
Jet Propulsion Laboratory
4800 Oak Grove Dr.
Pasadena, CA 91109

Joseph D. White
U.S. NRL
Code 7962
Washington, DC 20375

Pam Xiao-pei
P.O. Box 18, Lintong,
Shaanxi
Peoples Republic of China

Warren L. Wilson
Fairchild Test Systems
707 Spindrift Dr.
San Jose, CA 95134

Miao Yong-Yui
P.O. Box 18 Lintong
Shaanxi
Peoples Republic of China

Gernot Winkler
USNO
Washington, DC 20396

Larry Young
Jet Propulsion Lab
4800 Oak Grove Drive
Mail Stop 264-737
Pasadena, CA 91109

Jeffrey A. Wisnia
Kernco
28 Harbor St.
Danvers, MA 02188

Thomas P. Yunck
Jet Propulsion laboratory
4800 Oak Grove Drive
Pasadena, CA 91109

Frances Neville Withington
U.S. Naval Observatory Time Service
34th St. and Mass Ave. N.W.
Washington, DC 20390

Robert R. Zeigler
PIEZO Crystal Co.
100 K. St
Carlisle, PA 17013

Herman R. Wood
Kentron International
2003 Byrd Spring Road
Huntsville, AL 35802

Philip A. Zirkle
Applied Physics Laboratory
Johns Hopkins Road
Laurel, MD 20707

Raymond F. Woolley
U.S. Army - CECOM
Ft. Monmouth, NJ 07703