IN MEMORIAM: HARRY GREEN, W2VDM

Just a few days after the meeting of the ARTS-NY last month we received the saddening news that Harry had succumbed to a heart condition. This was not a complete surprise for we were aware that he had been forced into semi-retirement some months before. When it became obvious to Harry that he could no longer work at Harrison Radio (where he bent every available ear unmercifully on the subject of RTTY) and would have to stay at home, he bought the last few items he needed to have one of the most complete workshops imaginable for radio experimenting and construction. How many other hams have a full sized commercial toroid coil winder at home? As soon as Harry could get up and walk around the house he started making toroid coils for the TT gang. He turned out complete TT converters that were just about the last word and professional right down to the engraving on the panels (naturally he had his own engraving machine). He spent a lot of his time with kids in the neighborhood, getting them set up and licensed. If only a few of us could accomplish the things that he managed despite almost overwhelming limitations RTTY would be years ahead of its present position. We shall not forget this driving spirit of RTTY.

W1BRJ, STANLEY FIERSTON, LYNN, MASS.

"I recently purchased a model 12, complete with keyboard, and with a reperforator and tape head from Jack Berman, W1BCW, in Dorchester. I am now in the process of designing a fancy switching system to get everything to work without 1001 clip leads. When it is done I will send you the facts on it. I plan to build the exciter-to-end-all-excitors (you've probably heard that before) along the type used in the AN/GRC-26. This unit is quite a package; we have one over at Northeastern University as a part of the Signal Corps ROTC program with which I have found many opportunities to work. This exciter uses a diode frequency shifter as a lot of the boys do, but instead of changing the amount that the diode conducts to shift the frequency, they make the diode conduct completely all the time and change the shift by changing the capacitor across the oscillator coil. If anyone wants copies of the diagram let me know."

W2PBG is building a new broadcast-type console. In the near future Bob will join the NYC gang on 2M with auto-start.

W2IRT has almost completed his terminal panel. He is active in Westchester County (NY) Civilian Defense radioteletype.

W2DXD, Westwood NJ, went to Canada and visited VE2AKT, Benny Halickman; VE2ATC, Lou Buck; and VE2AGF, Tommy Lott.

W2JAV and W2BDI each made the same score in the RTTY October Sweepstakes: 42 contacts, 21 sections.

VE2AGF, Tommy Lott, was in NYC during hurricane Hazel and visited W2BFD and W2DXD.

W23DE, Lockport NY, expects to be on 80M and 2M TT soon.
NEW YORK MEETING

One of the main problems involved in getting together for the New York gang is that no matter what location is selected for the meeting almost everyone has to travel about 50 miles to get there. The TT'ers are well distributed all over greater New York and Northern New Jersey. Despite these difficulties the following made it to W2AKE’s shack in South Ozone Park on the night of October 12th:

<table>
<thead>
<tr>
<th>Call Sign</th>
<th>Name</th>
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<tbody>
<tr>
<td>W2AKE</td>
<td>Andy Stavros</td>
</tr>
<tr>
<td>W2AVI</td>
<td>Bill Kunzler</td>
</tr>
<tr>
<td>W2AQW</td>
<td>John Bunting</td>
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<tr>
<td>W2BFD</td>
<td>John Williams</td>
</tr>
<tr>
<td>W2DXD</td>
<td>Bill Auld</td>
</tr>
<tr>
<td>W2FBZ</td>
<td>Clay Cool</td>
</tr>
<tr>
<td>W2IRY</td>
<td>Fred Horne</td>
</tr>
<tr>
<td>W2JMN</td>
<td>Byron Krotzman</td>
</tr>
<tr>
<td>W2LUV</td>
<td>John Wentworth</td>
</tr>
<tr>
<td>W2MIB</td>
<td>Harry Evans</td>
</tr>
<tr>
<td>W2NSD</td>
<td>Wayne Green</td>
</tr>
<tr>
<td>W2OT</td>
<td>Bill McCarran</td>
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<tr>
<td>W2TLX</td>
<td>Pete Selmer</td>
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<tr>
<td>W2UFU</td>
<td>Russ Spera</td>
</tr>
<tr>
<td>W2VDM</td>
<td>Harry Green</td>
</tr>
<tr>
<td>W2YKG</td>
<td>Bill Tyrrel</td>
</tr>
</tbody>
</table>

John, W2BFD, made our imaginations stagger with his latest "Black Box." This simple device allows us to use regular tape gear and send Morse. Naturally John didn’t stop at that achievement, he went on to put two independent Morse signals on one standard TT tape. It looks as if our problems with the FCC regulations about sending Morse signatures are solved for good. This contraption will be able to do all the Morse for us, and if we are using tape transmission at the time it can be rigged to shift from TT to Morse by itself and back. Gad! A description of this unit is scheduled to appear in CQ one of these months.

The group seemed to feel that since the Southern California organ, RTTY, had remained primarily a local affair that it would be necessary to continue the ARTS Bulletin indefinitely and thus furnish all TT hams with a communication medium. To this end a committee was selected to take over the Bulletin, starting with #37. The staff: Editor...Clay Cool, W2EBZ; Subscriptions...Andy Stavros, W2AKE; Advertising...Russ Spera, W2UFU, Production...Wayne Green, W2NSD.

The backbone of the Bulletin, as in the past, will be reports of activities from all over the country. To facilitate this we would like to have a sort of local correspondent in each section who would get in a report every month on the doings. This may not be practical for some parts of the country, but there is no reason why there shouldn’t be a regular report from Dallas, New Orleans, New York, Washington, Chicago, Milwaukee, Minneapolis, Los Angeles, Pasadena, Seattle, Detroit, Pittsburgh, Boston, etc. Since we would rather have too many reports than too few the best thing to do is to sit down now at the printer or typewriter and bang out some news. If you get to feeling that bragging is immodest remember that your news is not bragging, it is selling. The Bulletin will still be our foremost salesman of TT to newly interested hams and it is the reprinted letters that carry the most weight. Send your letter to Clay Cool, 163 West 13th Street, New York 11, N.Y. Get it off now so we can include it in the next Bulletin.
A. Pete looks over John's l'il black box.
B. Andy demonstrates his shack to the gang.
C. John, W2BPD, has a try at the AKE printer.
D. Harry Green, W2VDM, in the center of group.
E. Russ, W2UPU, demonstrates the ten finger approach to typing...very unhammy.
F. Left to right: Harry Green W2VDM, Wayne Green, W2NSD, Clay Cool W2EBZ, Bill Auld W2XKD, John Williams W2BPD, and in front Andy Stavros W2AKE, Russ Spera W2UPU, and Pete Selmer W2TLY.
G. Just about everybody got in this one.
The meeting broke up at the normal late hour that ham meet-
ings usually break up. Bill Auld, W2DXD, demonstrated his brand new Country Squire Ford station wagon weath bright red finish. I showed off my Country Squire in Green (naturally) complete with Genet transmitter and receiver. John, W2BFD, displayed his new Plymouth station wagon. The shame of it is though that none of us have any mobile TT fixed up.

FANFOLD PAPER

I still have a few boxes of fanfold paper which I foolishly bought a year ago and haven’t had a chance to use of late. It is gathering dust so out it must go. Send me only $3.50 per box even though that is less than half what it costs. This is the paper for the model 12, 15, 19, and 26 machines.

POLAR RELAYS

I still have a handful of those nidget precision-made German polar relays. Price: $3.00 each, postpaid. These are the outstanding polar relays ever made available to us.

MODEL 26

Every now and then I get word on an available 26. If you have any to sell or want to buy one, drop me a line.

ZERO CENTER METERS

Only two left....$3.50 each. Perfect for your mark-space indicator since they are black dialed with marks for the center and two extremes only. Hermetically sealed units.

SLIGHT BULLETIN DELAY

I see, in looking back, that the last dated Bulletin was #31 which was dated January 1954. That was about the time that business expanded for me, followed by audio shows in Los Angeles and Washington. Business is still growing by leaps and bounds and I still have no prospect of devoting anywhere near the time to TT that I used to spend. Now, should I date this Bulletin April 1954 and run the risk of being accused of immitating the west coast gang whose June issue turned up here in September, or should I be more prosaic and date it December? Solution: no date line at all....you mark in whatever date you prefer.

NEW YORK STATE ELECTIONS

As usual our TT gang bore the real brunt of getting in the New York State election returns on November 2nd. In cooperation with the CD and radio station WNYC teletype easily showed up the snow bogged down commercial upstate lines. W2JVG, the state CD Hq., manned by W2QGH, W2VVP, W2LYZ, and W2BG0 was linked on 2 meters to W2AKE/2 at WNYC which was manned by W2AKE, W2SPD, and W2EBZ. W2JVG received reports from W2EFU, W2BO, K2AVK, W2HTV, W2AER, W2SZ, W2JMK, W2SRB, K2DVO, on 75 meters.
PERSONAL

This paragraph is for my own ego, I'll keep it short. Mostly I wanted to find out if there are any brethren interested in horses. I've got my own horse now and manage to get out for a ride almost every day. I've got mobile gear in the new station wagon, but haven't figured out how to manage it on horseback yet. The shack is in a turmoil now, being rebuilt. Soon I get enough room cleared I'll be back on TT though and will be hitting 20-40-60 as well as 2M. My printer is now in use at the Knickerbocker Radio Club.

DX HOUND BEAM

A friend of mine, K2CBO, will be on TT soon. He has come up with a remarkable short twenty meter beam which the two of us are marketing under the name DX Hound Beam. I'll send a circular with this Bulletin about it. I think it is the greatest beam on the market.

W9SKF, NORMAN KROHNE

"Anyone that has served as an officer of any club will agree that such activity takes up a lot of time. Imagine doing this day after day, and even at night; at the same time trying to earn a living and bring up a family. This is what has happened to John Williams, the 'Father of Amateur Radio Teletype.' Not only did John get amateur TT going, he continues to make most of the major contributions to the art, procures machines, equipment, answers a tremendous quantity of mail, turns out bulletins, and a hundred other services for which he receives mostly letters complaining because he didn't answer a letter fast enough or the Associated Press didn't ship some equipment on time. How much of his day or week is left to spend with his family? Not much, if any. (This is what his wife says too, ....wayne) For all of these completely unselfish efforts I'll bet few of the TT gang have thanked John. In other fields when a man has put forth so much sacrifice for a cause they usually make him president or erect a statue of him. I think John is deserving of being remembered in the history of ham radio. It is up to us to see that this happens. Further, and something of more immediate use....I enclose $1 to start the John Williams Fund. If every ham that John has started or helped in RTTY will send him one buck we will have at least come up with a good Christmas present, little enough compensation for all the fun we have had with TT. Put $1 in an envelope and mail to John Williams, 38-06 61st Street, Woodside, L.I.N.Y."

MARS: The Military Affiliate Radio system has channels for radiotele- type near 2 meters and near 60 meters. Free-time operation is available. For further information contact your local MARS director, c/o Signal Section, local Army Hq., or through Clay Cool, W2EBZ. Send any news of MARS TT activity to ARTS.
Army Regulations:
AR 105-15 Communications - Field Signal Communications
AR 105-20 Communications - Policy and Responsibility for Fixed Signal Communication Systems, Facilities and Services

Field Manuals, Department of the Army
FM 7-24 Communications in Infantry and Airborne Divisions
FM 11-5 Mission, Functions and Signal Communication in General
FM 11-20 Organizations and Operations in the Corps, Army, Theater of Operations, and GHQ
FM 11-21 Signal Operations in the Theater of Operations
FM 11-22 Signal Operations in the Corps and Army
FM 11-60 Signal Communications for Theater of Operations
FM 21-6 List and Index of War Department Publications
FM 24-5 Signal Communications
FM 24-8 Combined Teletypewriter (Teleprinter Procedure)
FM 24-12 Teletypewriter Switching and Relay Procedure
FM 24-17 Communication Center Operation
FM 24-20 Field Wire Technique
FM 24-75 Telephone Switchboard Operating Procedure
FM 100-11 Signal Communications Doctrine

Manual SIO 770-1 Signal Corps Equipment by Nomenclature Cross-Referenced to Related Publications

Special Regulations, Department of the Army
SR 105-20-5 Teletypewriter Conferences
SR 105-20-12 Communications - Fixed Signal Communication Projects
SR 310-20-3 Index of Training Publications
SR 310-20-4 Index of TMs, TRs, TBs, LOs, TOEs, etc
SR 750-440-1 Maintenance of Supplies and Equipment - Nonstandard Signal Type Equipment

Technical Bulletins, Department of the Army
TB SIO 28 Instructions for Treatment of Teletypewriter Paper Rolls
TB SIO 52 Connection and Line-Up Procedure for Switchboards ED-100 Interconnected with Other Teletypewriter Equipment By Wire Lines and By Carrier Telegraph Equipment
TB SIO 78 Instructions for Initial Line-Up and Check of Levels in Standard Multichannel Radio Communication System
TB SIO 207 Application of Teletypewriter and Automatic Enciphering Equipment to Fixed Radio and Wire Circuits
TB SIO 221 Theory and Operation of Transmitter Diversity Communication
TB SIO 237 Microwave Radio Relay Siting

T/O/E 11-500 Signal Service Organization (Table of Organization and Equipment)

Technical Manuals, Department of the Army
TM 1-231 Elementary Weather for Air Crew Trainees 10Feb43
TM 11-262 (TO 16-35-C292-6) Control Units C-292/TRA-7, C-292A/TRA-7 and C-292B/TRA-7
TM 11-262a Radio Set AN/GRC-26
TM 11-310 Schematic Diagrams for Maintenance of Ground Radio Communication Sets
TM 11-341 Telephone Terminal CF-1-A (Carrier) and Repeater CF-3-A (Carrier) X-61687
TM 11-351 Telegraph Sets TG-5 and TG-5-A (Morse)
TM 11-353 Installation and Maintenance of Telegraph Printer Equipment
TM 11-355 Telegraph Terminal CF-2-A (Carrier)
TM 11-355B Telegraph Terminal CF-2-B (Carrier)
TM 11-356 Radio Teletype Terminal Equipment AN/FGC-1 or AN/FUC-1X
TM 11-358 Telegraph Central Office Set TC-3
TM 11-359 Line Units BE-77, BE-77-A, BE-77-B, and BE-77-C
TM 11-374 Tape facsimile Equipment REC-58-B
TM 11-375B Facsimile Equipment RC-120, RC-120-A, and RC-120-B and Facsimile Set AN/TXC-1
TM 11-377 Boehme Automatic Keying and Recording Equipment
TM 11-410 The Homing Pigeon GPO Cat. # D101.11:11-410 25¢
TM 11-438 Operations Center AN/ITQ-1
TM 11-441 Recorder BC-1016 (Morse)
TM 11-450 Training of Signal Communication Personnel
TM 11-456 Wire Telegraphy
TM 11-466 (NAVSHIPS 900,016) Radar Electronic Fundamentals GPO Cat. # N29.2:R11/13 $1.25
TM 11-467 (NAVSHIPS 900,017) Radar System Fundamentals GPO Cat. # N29.2:C14/9 $1.00
TM 11-475 Principles of Long Distance Telephone and Telegraph Transm'n
TM 11-486 Electrical Communications Systems Engineering 25APRJ5 600pp, w/ C 1 600pp 9May50. GPO Cat. # D101.11:11-466 $2.50
TM 11-487 Electrical Communication Systems Equipment (SigCorps Directory
TM 11-488 Remote Control Equipment for Ground Radio Sets and Inter-connected With Wire Systems
TM 11-495 Fundamentals of Telephone and Manual Telegraphy
TM 11-499 Radio Propagation Handbook
TM 11-665 C-W and A-M Radio Transmitters and Receivers
TM 11-666 F-M Transmitters and Receivers
TM 11-669 Transients and Waveforms
TM 11-670 Special Purpose Oscillators and Amplifiers
TM 11-671 Cathode-Ray Tubes and their Associated Circuits
TM 11-672 Pulse Techniques
TM 11-674 Servo Systems and Data Transmission
TM 11-680 Teletypewriter Circuits and Equipment (Fundamentals)
TM 11-755 Grounds, Grounding Procedure, and Protective Devices for Wire Communication Equipment
TM 11-832 Radio Transmitting Equipment, Single Sideband (Western Electric Co Type D-156000)
TM 11-835 Radiotelegraph Transmitter (Press Wireless Types PW-40-B and PW-40-EA)
TM 11-853 Radio Receiver (Wilcox Types CW and F3) and Receiver Bay (Wilcox Type 113A)
TM 11-872A Diversity Receiving Equipment AN/FRR-3A
TM 11-881 Radio Receiving Equipment, Single Sideband (Western Electric Co Type D-29945)
TM 11-2001 Complete 100-mile Spiral-Four Carrier System
TM 11-2003 Carrier Hybrid CF-7
TM 11-2004 Repeater Set TC-18 (Terminal)
TM 11-2005 Repeater Set TC-19 (Intermediate)
TM 11-2007 Telephone Repeater TP-1h
Converter Set TC-33 (Carrier, 2-Wire - 4-Wire) and
Repeater Set TC-37 (Carrier, 2-Wire)

Telegraph Terminal CF-6 (Carrier)

Line Terminating and Simplex Panel (Packaged Equipment)

Voice-Frequency Ringer (Packaged Equipment)

Application of Packaged Equipment to Open-Wire Lines

Installation Instructions for Type C Carrier Telephone
(Packaged Equipment) (Moisture-Resistant)

Type C Carrier Telephone (Packaged Equipment) (Moisture Res.)

Installation Instructions for Voice-Frequency Telephone
Repeaters (Packaged Equipment) (Moisture Resistant)

Voice-Frequency Telephone Repeaters (Packaged Equipment)
(Moisture Resistant)

Voice-Frequency Carrier Telegraph (Packaged Equipment)
(Equiv to WECO Inst books X-65, X-63653, X-66147)

Line Terminating and Composite Panel and Type C Transfer Panel

D-C Regenerative Telegraph Repeater (Packaged Equipment)

D-C Telegraph Repeater (Packaged Equipment)
(Equiv to WECO Inst book X-66038)

Telegraph Switchboard SB-6/GO

Installation Instructions for Type H Carrier Telephone
(Packaged Equipment)

Automatic Telegraph Service Monitoring Sets

Multichannel Voice-Frequency Carrier Terminal Equipment
for Single Sideband Radio Telephone System

Submarine Cable Installation and Maintenance

Signal Shaping in Submarine Cable Telegraphy

Submarine Cable Telegraph Systems

Fundamentals Step-by-Step Dial Central Office Equipment
Power, Ringing and Supervisory Equipment (Step-by-Step)
Dial Central Office Equipment

Dial Central Office Basic Maintenance Practices All-Relay
Equipment

Bias meter 1-97-A

Reperforator Teletypewriter Sets TC-16 and TC-17
(SigCorps reperfr transmitter TC-26B, Teletype Corp)

Teletypewriter Set AN/TGC-1

Dual Diversity Receiving Equipment (Wilcox Type CW3-D)

Exciter Unit 0-5/FR (See AMT100, ARTS bul#)

Telegraph Terminal Set AN/TGC-1, Telegraph Terminal
TH-1/TGC-1, and Filter F-2/GO

Radio Teletype Code Room and Signal Center, Installation
Procedure and Maintenance Guide

Test Set TS-2/TG

132A2 Teletypewriter Subscriber Set and Associated Equip't

133A1 Teletypewriter Table and Associated Printer Apparatus

Semiautomatic Teletypewriter Tape Relay Systems

133A2 Teletypewriter Subscriber Set and Associated Equip't

Teletypewriters TT-5/FG and TT-6/FG (Model 15 Teletypewriter
Set, Teletype Corp inst manuals 7 and 22)

Teletypewriters TT-7/FG and TT-8/FG (Model 19 Teletype-
writer Set, Teletype Corp inst manuals 10 and 26)

Distortion Test Set (LITEXUX/DTS)

Reperforator Transmitters TG-26-A and TG-27-A

Receiving Transmitter Distributors TT-12/FGQ-1, TT-13/FGQ-1
and Transmitter Distributors TT-21/FG, TT-25/FG, TT-26/FG,
TT-52/FG (including other model 14 distributors) MAY51

Typing and Nontyping Reperforators Teletype model 14
(SigCorp reperf xtmr TG-26B, Teletype Corp) SEP47
TM 11-223d Teletypewriter TT-4/TG (Air Force TO 16-35TTh-5) APR51
TM 11-2237 The Planning of Large Comcenters
TM 11-2252 Converter CV-2/IX
TM 11-2257 Power Units, Fahnsteel Nos. 1161 and 1152
TM 11-2258 Facsimile Sets AN/TRC-1, -1A, and -1B DECH7
TM 11-251h Tape Puller TT-2/TG (Morse) (DeLisser TF-100) 15JUN41
TM 11-2515 Diversity Receiving Combining Equipment
TM 11-2601 Radio Set AN/TRC-1, Radio Terminal Set AN/TRC-3, Radio
    Relay Set AN/TRC-4, and Amplifier Equipment AN/TRA-1
TM 11-2603 Radio Set AN/TRC-2
TM 11-5025 Oscillator O-73/URT

Additions or corrections will be appreciated.
W2EBZ, 163 W 13 St, New York 11, N Y

NEW PRODUCTS

BI-DIRECTIONAL STEPPING SWITCH: Type SS, is used for
differential counting, remote selection under control of
impulses, and as a digit-storage register in automatic computers.
Compact stepping motor is normally equipped with four-level 12-position
bank and wipers. Shaft is rotated either clockwise or counter-clock-
wise in 10-deg increments under control of two electromagnets.
Sterling Engineering Company, 54 Mill Street, Laconia, N. H.

CROSSBAR SWITCH: HF, switches up to 70 mc, crosstalk is down 60 db at
10 mc. Applications cover telephony, telegraphy, inter-comm, and com-
puter systems. Each circuit of a group may be connected to a circuit of
another group in any combination. Each circuit may have a maximum of
six wires. Weight is 4 1/2 lb, size is 2 1/2 x 4 3/4 x 12 1/4 in.
James Cunningham Son & Co, Inc, 15 Canal St, Rochester 8, N. Y.

VARIABLE MINIATURE TOROIDS: Two types, VTI-C and VTI-D, have basic in-
ductances corresponding to Burnell Types TC-O and TC-6. Ranges of nominal
inductances are 0.001 to 3.2 hys (VTI-C) and 0.00022 to 0.5 hys (VTI-D).
Inductance range for any individual Rotoroid is from 50% to 150% of the
nominal value. Standard-sized Rotoroids (VTI-A and VTI-B) were recently
announced. . . Inductance variation is obtained by rotation of one
of a pair of permanent magnets placed on opposite sides of the winding.
No external d-c power is required for biasing. The variation of induct-
ance with rotation is almost linear. High Q and low harmonic distortion
are claimed even with extreme variation in inductance.
Dept RT, Burnell & Co, Inc, 45 Warburton Ave, Yonkers 2, New York
NEW LITERATURE OF INTEREST

TT CODE: Write to Hallicrafters Co, 4401 W. Fifth Ave, Chicago 24, Ill for free rotary Short-Wave Time Selector which has band information and TT code on the back.

GLOSSARY: A 39-page booklet, A Glossary of Microwave and Mobile Communications Terms, is available on request from Dept P-368-RT Engineering Products Div, Radio Corporation of America, Camden, N. J. Sketches, diagrams, and charts, as well as text, define esoteric terms on theory, nature, and operation of radio communications equipment. Many terms cover teleprinter and carrier.

PRINTED CIRCUIT REPAIR: Service Manual S559, 6 pages, covers service and repair of printed circuits, and is available from Admiral Corp, 3800 Cortland St, Chicago 47. A printed circuit repair kit listing at $5.75 will be available at Admiral distributors. Most Admiral 1955 TV sets use printed circuitry.

SELENIUM RECTIFIERS: Bulletin SR-1A, 8 pages, gives specs on diodes from single cells (26 v rms input) to 220-cell units (5200 v rms input). I-R-C, 401 N. Broad St, Philadelphia 8, Pa. Rectifiers measuring 1/4 x 1 7/8 in. and giving 1.5 ma at 1000v dc are covered in Bulletin H-2. International Rectifier Corp, 1521 E. Grand Ave, El Segundo, Calif.

PLUG-IN CIRCUITS: A 32-page bulletin (81554) presents circuit drawings and specs on 29 different electronic plug-in units. Typical applications are also given to show use. Circuits show component values and include pulse amplifiers, cathode followers, gates, flip-flops, multivibrators, oscillators, counters, squaring circuits. EECO Production Co, 827 S. Vermont Ave, Los Angeles 5, Calif.

POLAR RELAY: Bulletin GEA-6212 covers hermetically sealed polarised relay for speeds up to 2000 cps. Four independent SPDT units fit into 1 7/16 x 21/32 x 2 3/32"can. General Electric Co, 1 River Rd, Schenectady 5, N. Y.

Business

TELETYPER CORP plans consolidation of all customer service operations into a single building to provide improved facilities for handling expanding customer needs. Teletype has bought a 4-story brick building at 4100 Fullerton Ave on Chicago's northwest side. The building has 376,000 sq ft of office and factory space. The company plans to transfer here its entire equipment sales, maintenance parts services, merchandising organization, and shipping dept to consolidate them under one roof... An autonomous maintenance parts division will have complete facilities for manufacturing, stocking, and merchandising of parts sold to customers for maintenance purposes. ... The new building also gives overall increase in manufacturing space, which will aid in meeting the large demand for the new, versatile Model 2B Teletype... The Teletype Corp is now in three major owned locations, all in Chicago: 1400 Wrightwood Ave, headquarters; 5701 W. Touhy Ave, and the new building. Teletype plans to start moving by Jan.

PERKIN-ELMER CORP, Norwalk, Conn, has formed a new manufacturing division. The new Vernistat Division will develop, manufacture, and sell Vernistsats, a precision variable-ratio transformer. The Vernistat, an electromechanical transducer, is used in servo systems and analog computers.

FERRITES will be manufactured in England by Plessey Co, Ilford, under license of General Ceramics Corp, Keasbey, N. J. Ferrite magnetic cores are used in magnetic memory systems for digital computers, hf filters, etc.
Hudson Division Convention

It may seem like a long way ahead right now, but some careful planning while we are young will pay off in a better show come June 3-4-5, 1955. Present convention plans call for a good deal of room for RTTY to be demonstrated. Abilene Hotel is the location, Long Beach, LINY. Admission will be $2.00, or $5.00 for the banquet where the prizes will be given out.

Criticism Invited

This issue of the Bulletin is a joint affair with pages seven through eleven being done by Clay Cool, the forthcoming editor of this Bulletin. The rest, as may be obvious, were largely spawned from my files.

Roster

I have not been able to complete the roster of RTTY stations since the slowing down of the publishing of the Bulletin has resulted in a lot more stations becoming active that I haven't gotten the word on as yet. Tell you what...even if it is only a postcard, please send in a list of all of the stations you know about that are on the air, have been on the air, are getting on the air, etc., and give the category for each group. We will try to work out a master list from this so we can put out an TT callbook sort of thing. If you are left out you have only yourself and your friends to blame. Postal cards are on special sale these days for the new low rate of 2¢, get some right away.