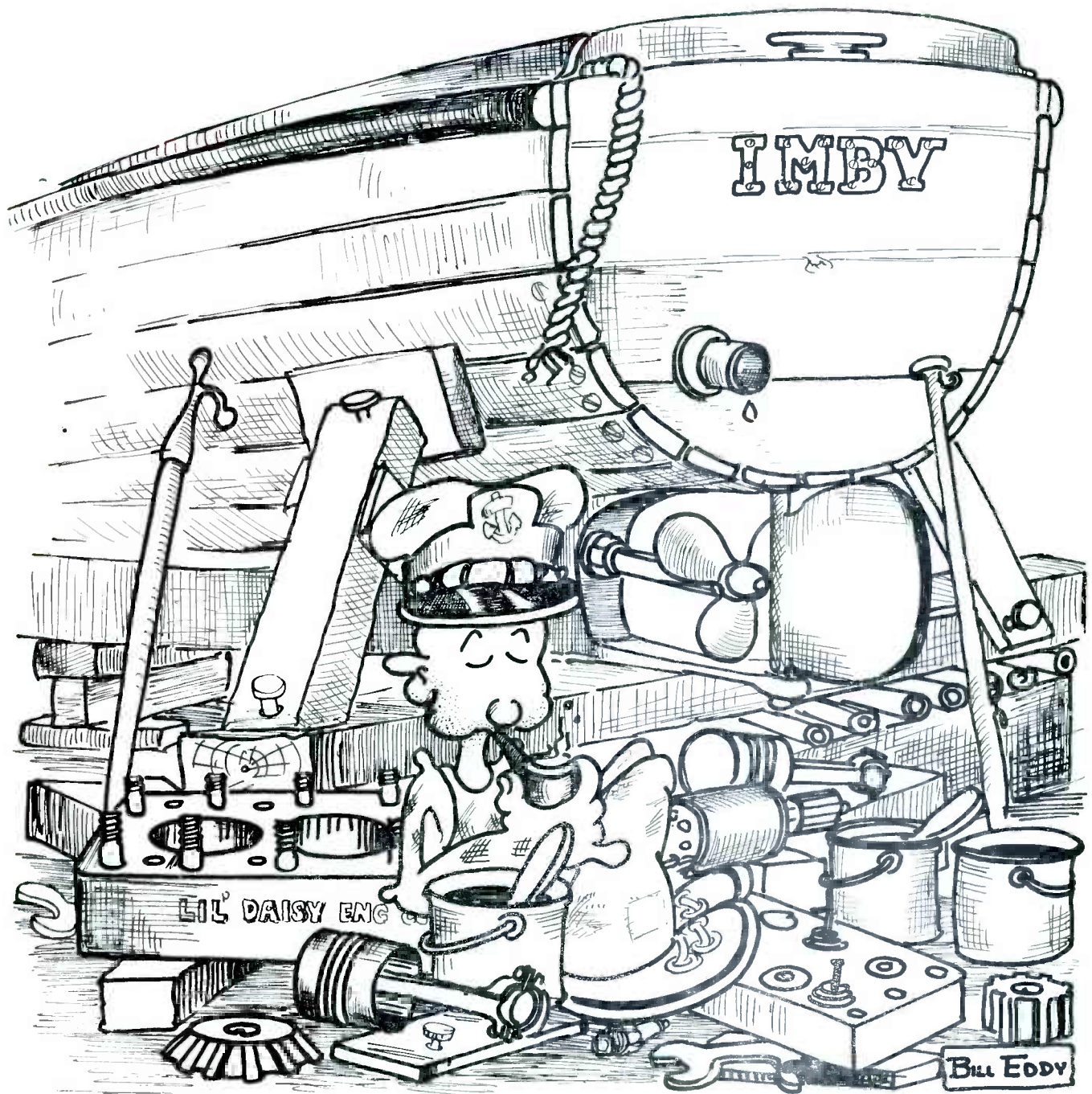


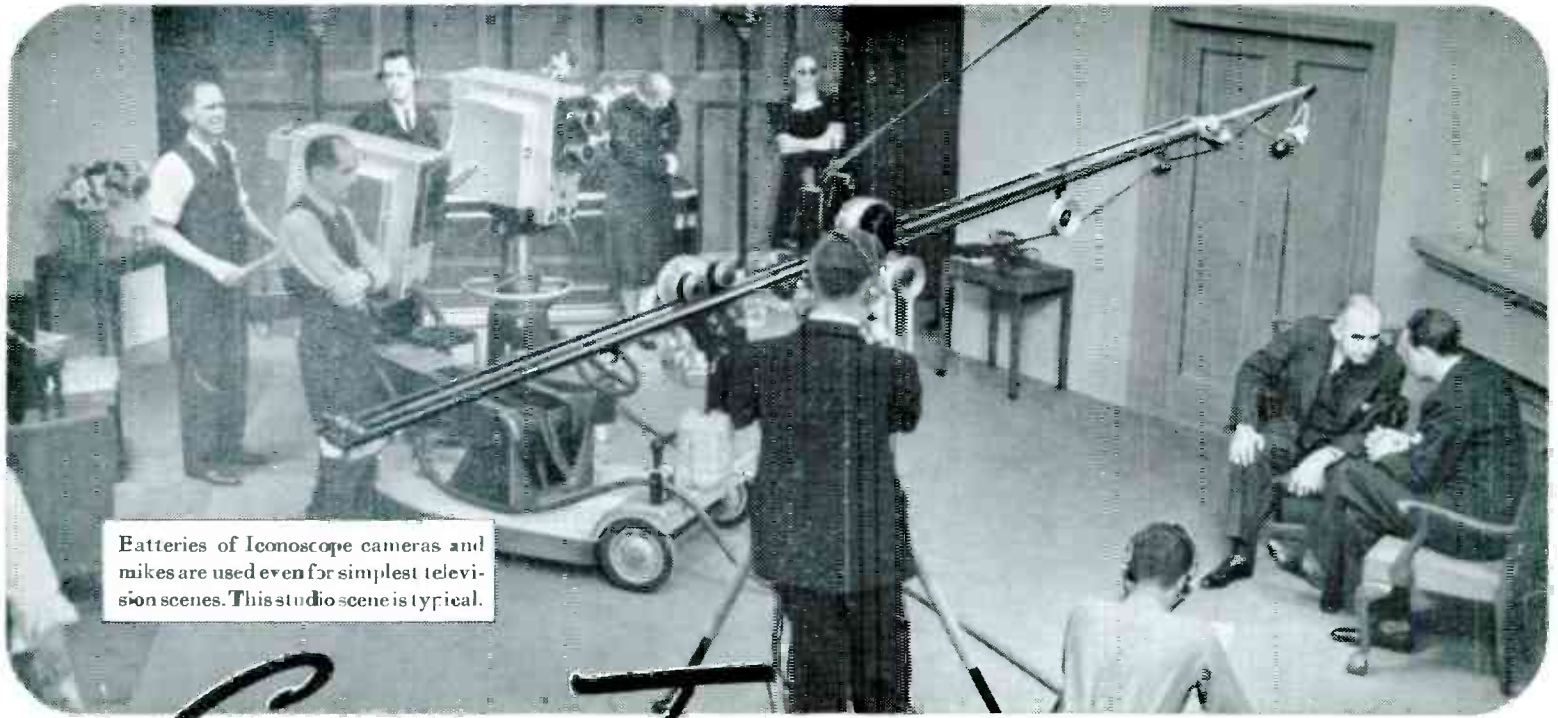
WATER JOURNAL

JULY

1939



The "Sea Hawk"



Batteries of Iconoscope cameras and mikes are used even for simplest television scenes. This studio scene is typical.

Curtain Time FOR A NEW AGE OF ENTERTAINMENT



NBC Mobile Television Unit for outside pick-ups—The equipment is carried in two 10-ton trucks.

Programs by NBC to match the progress of Television

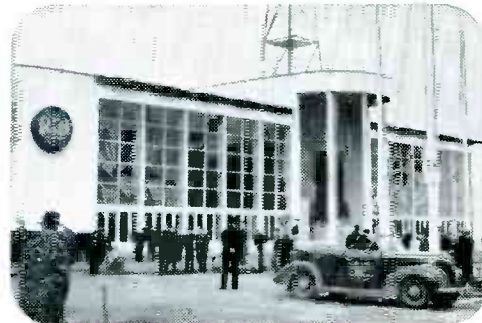
While RCA has concentrated on the technical aspects of television, NBC has studied another phase, the programming of television.

To produce television programs calls for intricate techniques. Practices are unique, and differ from those of radio, the stage or the movies. Progress has had to be largely by the trial and error method. NBC has devoted great effort, much time and a large outlay in money to the development of programming.

NBC pioneered many of the program forms which are today accepted standards of radio broadcasting. The same spirited leadership will characterize the further activities of the National Broadcasting Company in the new art of television.



This miniature model of a small city being built in NBC studios, will appear full-size when televised.



RCA Building at New York World's Fair. Visitors will see all the services of RCA including television.

NATIONAL BROADCASTING COMPANY

THE WORLD'S GREATEST BROADCASTING SYSTEM

A Radio Corporation of America Service

**HERE ARE TWO
VALUABLE NEW
IMPROVEMENTS
FOR YOUR
PRESTO
RECORDER**



Presto Vertical Damper—Holds the groove depth and width absolutely uniform. Completely eliminates low frequency flutter and patterns due to mechanical vibration or surface irregularities in the disc. Improves both the quality and appearance of your recordings. Can be added to any Presto 6-D or 7-B turntable at very nominal cost.

Presto Spiralling Feedscrew—Enables you to make starting and run-out grooves or to space recordings of music and announcements on your electrical transcriptions without breaking the continuity of the groove. Any Presto feedscrew furnished with the 6-D or 7-D recorder can be converted to a spiralling feedscrew at moderate cost.

Send us the model and serial number of your recorder. Let us quote you on adding these important features to your equipment.

PRESTO RECORDING CORPORATION
242 West 55th Street New York, N. Y.

A Great Special for
Broadcast Station Engineers
RCA Victor



"Pick-Me-Up" Radio

No External Wires
Nothing to connect
Turn it on - Tune it in

Regularly \$19.95
**Now
Only \$14.95**

(Write for our Bargain List)



**A Message of Thanks
to NBC Engineers**

On this occasion of our third anniversary, we are taking the opportunity to offer our sincere thanks to our friends at NBC for their valued patronage. We are particularly grateful for the cordial reception you gave our new radio supply house at 68 West 45th Street. This store will continue to offer the complete solution to all your radio requirements, including top-notch values in ham equipment, broadcast receivers and records.

Our policy as radio specialists, to carry only radio products and to direct our efforts solely in the radio field, will be maintained.

TERMINAL RADIO CORP.

68 WEST 45TH STREET (near Radio City)
80 CORTLANDT STREET, NEW YORK CITY

Phone: VAnderson 6-5050



RADIO... then CAMERA

.... now TELEVISION

It is interesting to note that for years HARVEY'S was a RADIO store exclusively. When radio men began to acquire an active interest in photography . . . we added a complete CAMERA department.

Now, the boys are as much interested in sight as in sound . . . and TELEVISION is the "high spot."

TELEVISION RECEIVERS and PARTS are IN STOCK for immediate delivery.



So much for our "story" . . . Telephone Bryant 9-6694 to test our service . . . or better yet, step in and look us over . . . You'll find every convenience in our newly decorated showrooms . . . and every courtesy from our staff.

RADIO - CAMERA - TELEVISION - and electrical accessories

OUR *Best* VALUE IS OUR RECORD OF LOYAL SERVICE

HARVEY

Radio Company of New York

103 WEST 43rd STREET • NEW YORK, N. Y.

Wiring and Installation of your Radio-Sound and Television Equipment is as important to uninterrupted and trouble-free performance as is its Design—Engineering and Operation.

For the last 10 of our 50 years in the Electrical Contracting Business, we have specialized in the Radio and Television Broadcast Field and have handled such outstanding installations as:

RCA Wax & Film Recording Studios.

Original Television Transmitter and Antenna installation at Empire State Bldg.

NBC Television Studios at Radio City.

RCA - NBC Exhibit Bldg., New York World's Fair, including complete Television Transmitting and Receiving System.

Sound Installation and Broadcast Studios for New York World's Fair.

For intelligent and efficient installation service call

BELMONT ELECTRIC CO., Inc.

570 Lexington Avenue

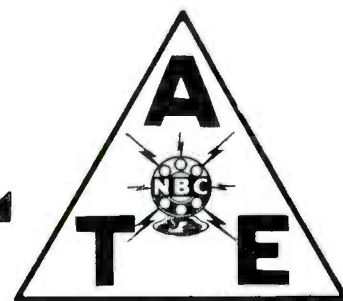
New York, N. Y.

Fay Gehnes
WBZ
Evansville Ind

WBZ
W9A(1)
W20 FT



JOURNAL



VOLUME 6 ISSUE 7

JULY 1939

NBC Covers the "Squalus" Disaster

By AL WIES AND JON LARSON

On Tuesday, May 23, Mr. Jacobson, NYFS, quickly ordered John Fricker and Al Wies to board the 6 P. M. rattler for Boston on the rush trip to Portsmouth Navy Yard, Portsmouth, New Hampshire, Navy headquarters during this unfortunate incident. All equipment necessary to do one SW job including WNBU, intermediate frequency receivers and amplifiers were hurriedly packed. And so hurriedly did they leave that they left sans toothbrush and clean shirt.

At Boston the boys were met at the South Station by Chick

Morris to such a dizzy pace that the police seemed intent on losing the second car in the downpour. To keep up with them the boys just stepped on the gas, avoided looking at the speedometer, and prayed. The prayers must have been answered because the 65 miles to Portsmouth from Boston were covered in 50 minutes without mishap, certainly only by the grace of the great Manitou above.

Portsmouth Navy Yard, which is really in Kittery, Me., was to be the control point. This was in the press room of the central building No. 13 and the din from the typewriters, morse sounders, and shouted phone calls by ten thousand reporters was terrific. Here Mr. Vassal of WBZ was set up with an audio amplifier, a program circuit, full talk circuit private line to New York, a loop to Seabrook and a talk circuit. Mr. Duffield manned this site and here received the SW from the vessels. Seabrook, which is right on the shore and about 15 miles from the scene of the disaster, is really Greenleaf W. Pickard's ham shack.

Being unable to carry storage batteries on the train the local Exide dealer was routed from his bed at 2 A. M. and was generous enough to open up and supply the necessary 10-6v batteries to operate WNBU. After first being stymied from getting on a smaller boat due to its small size Wies and Fricker boarded the Coast Guard Cutter "Thetis," installed the antenna and set up WNBU. The Captain, however, refused permission to use the carrier until he could contact the Coast Guard headquarters, not until two hours after was this granted. Since the trip out to where the "Falcon" lay was just an hour, the "Thetis" was by this time back at the Portsmouth wharf so that the press men could get their stuff on the wires.

At the rescue scene the most impressive sight was that of the marker buoy attached to the "Squalus" and floating beside the tender "Falcon."

It was 1 P.M. Wednesday and the Thetis again put out and the boys boarded the cruiser "Brooklyn," since arrangements had been made to get aboard her by Bill Eddy. Formerly Lt. Eddy of the Navy and Submarine service, Bill was of inestimable service in contacting the Naval officers.

Just before boarding the "Brooklyn" from the "Thetis" Bill advised to get set for a show should we come alongside the "Falcon" as he had gotten a report that the first of the survivors had come up in the rescue diving-bell with the divers. However, unpacking and re-setting of the equipment was for naught because the "Thetis" couldn't get close enough to the "Falcon."

Continued on page 18



Landing of survivors of Squalus disaster at Portsmouth, N. H. May 25, 1939.

Morris and Bob Bole, WBZ announcers, who were waiting there with a police escort to take the safari to Portsmouth. The outlook was most forbidding, with the kind of weather you read about, the rain coming down in sheets, whisked by the angry wind. With little ceremony the escort set out and challenged

TELEVISION

Division Engineers were in New York this week, June 24-28, and had the usual operations consultations with Mr. McElrath and other NBC executives and in addition were given a thorough tour of the NBC television, Empire State and were then taken to RCA Institutes for lectures by Mr. Preisman and Mr. Maedel on television subjects. The Division Engineers present were A. H. Saxton, Western Division Engineer; H. C. Luttgens, Central Division Engineer; A. E. Johnson, Engineer in charge Washington; W. J. Purcell, Engineer in charge Schenectady; S. E. Leonard, Engineer in charge, Cleveland; C. A. Peregrine, Engineer in charge Denver; C. D. Peck, Engineer in charge, San Francisco and G. O. Milne, Eastern Division Engineer

McGraw-Hill has recently released a compilation of Television papers taken from ELECTRONICS by Don Fink and others. Copies may be had by writing either to the ATE Journal or to Electronics (330 West 42nd Street, New York City). Price, 50c per copy.

The Galento - Louis fight was not seen by Television.

MYTHICAL SHOWBOAT DRAMA FOR HOLIDAY SHOW

Television celebrated its first Fourth of July with a gala performance aboard the old Magnolia Floating Theatre, a mythical showboat complete down to Liza, Simon Legree and the ice, which was telecast by the National Broadcasting Company from Radio City studios over Station W2XBS.

A troupe of sterling thespians, including Josephine Huston, lovely singing star of the musical stage; Paula MacLean, Winfield Hoemey and John Boyd, brought back the fabulous days of drama on the old Mississippi. When the olio rises, ladies and gentlemen, you will witness the surge of tempestuous emotions in a soul-stirring drama, "The Marriage of Little Eva."

Quoting Warren Wade, the NBC television impresario who presented the Magnolia Floating Theatre, the immortal drama recreated genuine before-the-war atmosphere of the old South. It was set against "the most gorgeous scenery ever erected."

NBC's TELEVISION SCHEDULE REVISED—

A new Summer television program schedule which involves a change in program content and a shift in transmission hours over Station W2XBS, has recently been announced at Radio City by Alfred H. Morton, National Broadcasting Company vice-president in charge of television. The schedule becomes effective Tuesday, July 4.

NBC's service of ten program hours a week will be continued, said Mr. Morton. The mobile television station, which has contributed three hours weekly, will not be available, however, during July. After its use in demonstrating RCA - NBC television to the convention of the National Association of Broadcasters next week at Atlantic City, it will be returned to the RCA fac-

ories at Camden, N. J., for the addition of a second camera and other improvements indicated in the course of NBC's two months of regular telecasting.

The mobile station, the only one of its kind in the United States, will be returned to service August 1, according to Mr. Morton. Meantime outdoor programs will be replaced by films of feature length, to be telecast from Radio City on Wednesday and Saturday evenings, from 8:30 to 10:00 p.m., EDST. A daytime series, radiated from 12:00 Noon to 1:00 p.m., EDST, will be telecast on four consecutive days, Tuesdays through Fridays. Evening studio hours will remain unchanged, continuing on Tuesdays, Thursdays and Fridays at 8:30 p.m., EDST.

The schedule change, Mr. Morton said, was made in the interest of increasing home viewing hours during the hot months of July and August. It was felt that Saturday afternoon programs would find a wider audience if they were shifted to other days.

FIRST TELEVISION QUEEN—

Fairest of the Fair is Carol Smith, 21-year-old brunette, who was adjudged New York World's Fair Television Girl in the first beauty contest telecast over the NBC networks.

After three days of telecasting, 21-year-old Carol Smith was named New York World's Fair Television Girl in the finals of a beauty contest telecast over the National Broadcasting Company facilities of New York City.

In this first telecast beauty contest, 30 finalists paraded before NBC's camera on a platform in the Fair's amusement area. The Judges selected Miss Smith from the faces and figures that appeared in receiver screens in the comfortable lounge of the RCA exhibit building.

The electrified scene had traveled more than 15 miles in its relay from the NBC mobile television station to the Manhattan transmitter of Station W2XBS and its broadcast back to the RCA exhibit building about a mile from the actual parade of telegenic young ladies.

The principal quality the judges sought was television's mysterious Element X or, as one New York newspaper wag had it, "X-Appeal." This is, according to NBC television authorities, a combination of beauty, charm, pleasant voice, graceful carriage and Hollywood's "umph."

The contest judges were Dean Cornwell, world famous muralist; Russell Patterson, famous illustrator; Alfred Cheney Johnston, distinguished photographer; Bradshaw Crandall, another famous illustrator, and John Chapman, columnist of the New York Daily News. One of the judges of the preliminaries was McClelland Barclay, glorifier of magazine cover girls.

Miss Smith, an attractive actress, tall and brunette, is employed at the Fair's Amazon show. Prior to her Fair engagement, she toured with Gertrude Lawrence in "Susan and God." She is five feet, eight inches tall, weighs 123 pounds and has dark brown eyes. Two years ago she graduated from Cornish Art School, Seattle. Appropriately, the prize for the Television Girl was an RCA television receiver.

SCHENECTADY

By H. C. MOSHER

The Schenectady Chapter of the ATE met at the home of its Chairman, R. K. Strong, Wednesday evening May 31. The following members were present—Messrs. Strong, Wheeler, Cruger, Knapp, Caranchini, Narkon and Mosher; absentees—Adanti, and Durkee. After discussing some items of business a motion was made, which was passed unanimously, that Mr. Strong write a letter to the National President, Mr. Horstman, thanking him for the prompt action he took regarding some of the activities of the Schenectady chapter and expressing our appreciation for the excellent work he is doing for the ATE.

It was also decided that this chapter should start a library of technical literature and that meetings should be held once or twice a month to discuss new developments in the art of radio.

Al Knapp and H. Mosher were appointed members of a committee to revise and bring to date the by-laws of the Schenectady chapter.

The last item of business was the election of officers for the ensuing year. R. K. Strong was re-elected chairman, Howard Wheeler will serve another term as secretary-treasurer, and H. C. Mosher remains the Journal Representative. Mr. Strong appointed Peter Narkon as a committee of one to assist in compiling material from this chapter for the Journal.

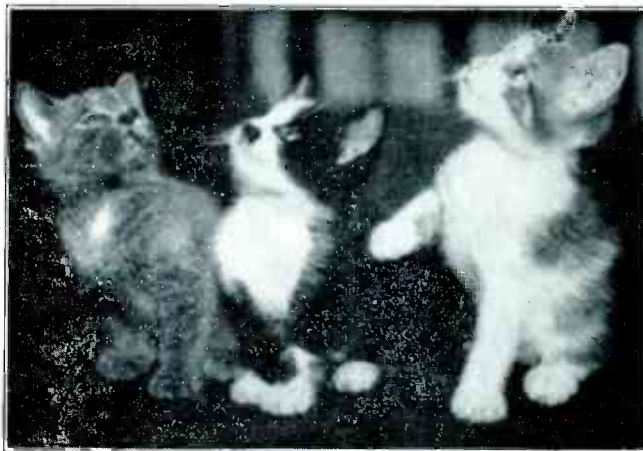
Howard Wheeler and Peter Narkon spent two days fishing on Saranac Lake as soon as the ice was out. They were handicapped by the size of the lure they took with them and only one lake trout was taken in the two days. We believe that fish was a prize trophy although they could not bring it home because it measured only five inches. It was but little larger than the lure it struck,—the boys had a hard time getting the hooks from its mouth without injuring it. We believe this is the smallest lake trout to be taken by trolling. If it is not a record, please let us know.

As we have said before, Paul Adanti is an ardent miniature railroad enthusiast. Therefore it was quite natural that he should visit the railroad yards while vacationing at Auburn, New York. Paul and Mrs. Adanti were watching a switch engine in the yards when a brakeman invited him to take a little ride. The yard foreman saw Paul riding around so approached Mrs. Adanti to find out who that fellow was. She informed the gentleman that it was her husband. "Does he work on this road?" the foreman asked. "No." was the reply. "Does he work on any railroad?" "No." "Well, what does he do?" was the next question. "He builds railroads" came the quick answer, which seemed to suffice the gentleman. However as soon as Paul returned, he was hurried to the car and they drove away!

The Schenectady group held its first technical meeting Wednesday evening June 7. W. J. Purcell, engineer-in-charge at WGY, discussed the new volume indicator and the VU system. His remarks were so interesting that the boys kept him there until nearly midnight. Each member of the staff expressed his thanks to Bill for giving up his evening to them, and for the excellent talk he gave us.

Harold G. Towlson was guest of honor at a banquet given for him on May 12. Harold was completely surprised when Mr. Boyd Bullock, assistant manager of General Electric's publicity department, announced his promotion to Development Engineer for WGY and its associated stations at South Schenectady. The transmitting engineers at South Schenectady presented him with a multi-range volt-ohm-and-ammeter.

Howard Wheeler did very well with his prints exhibited in the "Sketch Club" at the Schenectady Museum last month. He was awarded honorable mention by the club for the print titled "Curious Kitties." At the close of the exhibit he was surprised



to learn that his picture had captured the popularity award with 300 out of 400 votes. He received a copy of "New Ways in Photography" as a prize. Howard, we knew you would do it. We also know you have many more prize prints in your collection.

Harold was graduated at Clarkson Tech. in the class of 1929 with a BS in EE degree. Then he became associated with the General Electric Company where he did development work on transmitters in the radio department. Soon he was transferred to the vacuum tube department. Then he became interested in facsimile transmission which led him to Camden, N. J. where he carried on experiments in facsimile for RCA.

In 1933 he transferred to NBC when he accepted a position as studio engineer with WGY. He was a charter member of ATE and during his stay with WGY served as Journal Representative for this group. Two years later W. J. Purcell, chief engineer at WGY, needed an engineer to do some development work on W2XAD and W2XAF and called upon Harold. He accepted the position with pleasure as it would permit him to get back to the type of work in which he is most interested. He all but rebuilt the two shortwave stations to bring them up to date. He did such an excellent job with them the General Electric Company expressed its appreciation by sending him to San Francisco to install W6XBE at Treasure Island. Harold's latest promotion is another fitting tribute to him from G. E. for the efficient work he is doing for them.

Everywhere the Towlsons go they make many true and lasting friends who are reluctant to have them leave as Harold steps up another rung of the ladder. We here at Schenectady are glad to have them back as Mr. and Mrs. Towlson and their two sons Paul and Howard are highly esteemed by us all.

If any of you amateurs hear W2BDE on either 80, 40, or 20 meters, be sure to give him a call. I am sure you will have a very pleasant QSO with Harold, and, (If you ask for it) will get some excellent technical advice. Harold is not one to push himself forward, (He's a quiet lad!) but when his opinion is

Continued on page 13

KOA, DENVER

AL ISBERG

From what we have been reading in the weather reports, most of the folks outside of Denver have not been enjoying the humidity and should we say—warm weather. Just in case you are not all aware of it, a vacation in the Colorado Rockies will restore your good sense of humor and give you more rest and relaxation than anything else you can think of. The fish are biting and boy do they taste good! If you have never eaten a Rainbow or speckled trout who has spent his lifetime gallivanting in ice cold pure mountain water eating good clean bugs instead of decaying material in a sluggish stream or lake you have a big treat in store. And if you do visit Colorado, plan to sleep at least one night under the stars—but bring plenty of blankets and put most of them underneath. The thermometer might register about forty by morning.

Speaking of local vacations, it seems that the fair at San Fran appeals to the majority of the fellows who are planning on leaving the state. Glasscock and Williams have recently returned and Shuknecht, Rohrer, Morrissey and Nelson have hinted that they may follow suit. The rest of the gang are going to take shorter excursions through the mountains, remodel their homes, or take a postman's holiday. Personally, I hope to visit the New York fair and Radio City but should that plan fail to materialize, I'll probably take the family to the hills to catch fish and pan for gold. Yes, indeed, there still is gold in these hills, whether I get any or not is questionable, but I can at least enjoy the mud and water with my little mud pie experts.

We were pleased to meet Mills of Chicago Recording when he was here. Sorry you couldn't stay longer.

Al Slusser, transmitter engineer, has joined the ranks of the suburban tract dwellers. He has purchased a nice home on two and one half acres about four miles from the transmitter. A lot more convenient for Sluss and the family too, because the trolley is about a block away, instead of six blocks where he formerly lived in town.

Rohrer, our antenna farmer, spends his days of rest irrigating the alfalfa, garden, lawn, etc. The easter duck enjoys the work as much as he does, and since he hasn't any children we can't accuse him of making mud pies. At present the various beams represent about twenty dollars worth of hand drawn copper wire strung from huge trees over the alfalfa field. Every now and then, we find him with a puzzled expression on his face laying out propagation patterns for new beam antennas.

Several months ago we reported about the community antenna of McClellan and Dutton, W9DSD - W9FKQ. Since the addition of the Jr. Op. at McClellans, the place just wasn't big enough so they moved. Mac isn't back on the air yet but Dutt can be on all the time now if he wants to.

The other day, while visiting the transmitter, I found the rest room had been converted into a chem. lab. Presiding over the lavatory, beaker full of acid in one hand, and test tube full of scale in the other, was Austin with a triumphant gleam in his eye. The occasion was the treating of the water system to eliminate scale deposit which had clogged the 3/4" pipes until there was only a 1/4" hole for the water to pass through. Sixteen gallons of Muriatic acid circulated through the pond cooling system were needed to dissolve the scale. Treatments of Calgon are expected to eliminate future trouble. The cooling

system is supplied by a deep well and the water contains quite a bit of soluble calcium salts.

In the course of the routine operation of the plant, the cooling pond frequently has to be cleaned. This job is one of the pleasant duties because all one needs to wear is a pair of swimming trunks. U. S. Highway 40 passes directly in front of the pond and so whenever anyone is splashing around in it, they usually have an audience. Recently when tall dark and hairy chested Austin was hard at work removing some trash, several girls with an out of state license drove past three times!

ON THE CUFF

It's going to be one long picnic for MAREK WEBER, the "International Nights" NBC maestro, this summer. He has bought a large food hamper and a portable radio to make his rural excursions complete . . . FRED ALLEN'S favorite form of exercise is boxing . . . says he gets in his best punches when his sparring partner's name happens to be Jack . . . JOE DUMOND, NBC's "Josh Higgins of Finchville," is an expert at his pet hobby of cross-pollinating plants to produce rare and unusual hybrid flowers for his garden . . . JOHNNY GREEN, conductor of the NBC "Johnny Presents" orchestra, knows banknotes as well as the musical variety . . . He majored in economics at Harvard . . . It's Postman FIBBER MCGEE now . . . The genial NBC comedian has been elected an honorary member of BETTY WINKLER, star of NBC's "Girl Alone" broadcasts, the North Dakota State Association of Letter Carriers . . . says she has learned one of the first "don'ts" of bowling . . . "Don't drop the ball on your foot" . . . HUGH ROWLANDS, young NBC actor, is proudly sporting a pair of tiny silver wings in his coat lapel . . . He's a full-fledged aviator now . . . EDWARD MACHUGH, NBC's Gospel Singer, has never sung hymns on a Sunday program in all his years on the air . . . ALICE HILL is the most popular belle at the Chicago NBC studios these days . . . she takes fellow actors sailing with her every afternoon after the "Betty and Bob" broadcasts . . . JOAN WINTERS, blue-eyed lovely heard on NBC's "Girl Alone" show, is Chicago's newly elected "Miss Television." She won the award at a dinner dance of radio stars . . . PETER VAN STEEDEN, orchestra leader on the Fred Allen and For Men Only broadcasts, may sign the initials "I. E." after his name if he chooses. He's a graduate industrial engineer . . . SKINNAY ENNIS now has a new nickname . . . His associates on the Bob Hope show call him "Andy Hardly."

It is generally felt that the man to run the proposed NABE should have executive qualities and wide business experience, in preference to a radioman. In the event this should become the majority opinion, the "Over 40" club, composed of employed and unemployed executives over 40 years of age, might be able to provide the right man.

W O R

R. A. SCHLEGEL

SUNSHINE! From all indications, New York is running California a very close second when it comes to sunshine. It is reported by reliable sources that we may have rain most any month. My lawn is beginning to look like a California backyard, all brown . . . We're even having "high fogs" here!

More than happy to see Jim O'Connor off the "sick list" and back to watching the discs go 'round in Recording. Jim will shortly be on 10 and 20 meters with call W2KGO—lives on ground floor apartment and will have co-ax line to roof of building where a vertical will "radiate equally poor in all directions" . . . Me too . . . Jim Carter still convalescing from his appendectomy. Hope you're back by the time this gets out . . . Sam Morse looking too well after his vacation in South Carolina so now he's coming in for sign on . . . Pat Miller just returned from vacation in Miami with a good tan and some tall tales about fishing. Says the rates are reasonable in summer and the weather is fine. He likes Samuelson's greeting to returning vacationers . . . Bill Boher now seeing the New York World's Fair by way of handling most of the programs from that point. Been hearing rumors that Bill is about to step out of bachelorhood. Please confirm this and we'll get out a special edition . . . Ted Kasma cancelled plans for Florida vacation and went FHA instead. I've an extra lawn mower I'll sell you . . . "Pop" Reveal went fishing at Long Beach—big catch—a three inch sea robin. You'll have to do better than that before we'll let you into the "Anglers Club". A two pound "skate" is the entrance requirement. Reveal now has a ten meter vertical antenna for sale. Was supposed to be self-supporting—but a 60 mile wind took it off the apartment house. Better try something bigger than a No. 6 wood screw next time . . . Ed Scatterday buying surf fishing tackle and heading for Montauk Point for his vacation. He's also in the market for a portable receiver and transmitter to take along as there is an abandoned Coast Guard station out there with two nice towers. His Phillip Morris Show moving to CBS Playhouse at the end of June. He goes along to handle. Arrangements similar to NBC - CBS use of Times Square Playhouse. With the shortage of audience studios in town, would think that the "two for fifteen" movie houses would put in a control booth and rent them to the broadcasters between double features . . . Recent visit of King and Queen of England to N. Y. World's Fair has given Reid and Morse something to talk about. They have on exhibit, for a short time only, the cocktail glasses from which the visiting royalty drank. The glasses may be seen in the lounge by appointment only . . . Hadden, MC, announced the arrival of another baby girl. It is rumored that he is going to give Cantor competition . . . Charlie Kibling W2EOA, has been appointed ARRL Emergency Corps Co-ordinator for Westchester County—also busy at the ham exhibit at the Whalen extravaganza. Reports too busy with lawns, carpentry about the house and other odd jobs to do much hamming but does run a kilowatt fone transmitter on twenty meters occasionally.

Aside to Bob Ward NYSE - NBC: So you're still having trouble with engine blocks? You had the same trouble with the Dodge. Why not try an anti-freeze next winter? Wish you'd gave Reveal some fishing lessons . . . Dick Davis over at the Newark Studio will soon be back on the air with 100 watt fone with the call W2CTQ. Now has all antennas permanently grounded to protect against lightning. Bet I know

whose idea that was, but I won't mention her name. W2CTQ frequency 7290 - 7195 cw, 28332 cw, 28780 fone, 29173 fone and 14156 fone, irregular hours after 7 P. M. . . Cy Samuelson still on the inactive ham list with the call W2KPR—he has a receiver but no transmitter . . . Howard Donniez on 14162 fone but very irregular . . . I mean the hours of operation . . . That transmitter at the California Fair certainly is a swell looking job. Bet W2ZA has a bid in for it when the Fair closes. Anybody know where I can pick up a few tuning motors?

Hope that all the hams read Charlie Perrine's excellent article on ECOs in the June "Radio." Perhaps we'll all have T9 notes. . . . Understand that Barney Boyle was on hand to greet the King . . . All hands agreed that the June cover was excellent! Need any more be said? . . . WOR ATE held its meeting recently. Out of a membership of 50, 46 attended the meeting, the 4 not attending were vacationing or working. An election of officers was held; Lou Tower re-elected President, R. H. Davis elected Vice-President, E. E. Franke elected Treasurer and R. A. Schlegel re-elected as Secretary. The recent union activities were discussed and a committee of five appointed to investigate the practicability of a nation-wide association of technicians without having to submerge our identity and becoming a minority group of some large labor organization. Past experience has taught us that a minority group has very little, if anything, to say . . . Dick Borner waiting for that checker game challenge, if, as and when . . . A soft ball team composed of engineers, announcers and production men played the CBS announcers and production team. The game was held at Central Park grounds. Sam Morse held the CBS gang to 16 runs while the WOR crew managed to score 17 runs. Can't understand why CBS didn't score the point after touchdown! WOR will play CBS a return game in the near future . . . How about an NBC game? . . . For some reason the deadline for this stuff comes around much too fast—seems as though I just finish one when another issue is due and I'm late again.

Hope to have my own station on again in a month or so with a decided increase in power to make up for the loss of my beam antennas which are no more—will have a pair of 150 Ts in push-pull and expect to operate over most of the 20 meter CW band with the call of W2ICX . . .

CROSS COUNTRY CURRENTS

IRENE RICH, the unpredictable, is at it again. This time the charming NBC star of the Welch drama series, is going into the dressmaking business, designing reasonably priced house dresses that will be manufactured and distributed under her name.

JESSE CRAWFORD, the poet of the organ and star of NBC's "Crawford Caravan," is also something of an inventor. At least he likes to tinker around with tools in a workshop at his home. Says he has made special parts and special effects for his portable electric organ with which he has toured the entire country.

One thing that burns up DON NOVIS, the sweet tenor on the FIBBER McGEE programs, is the suggestion that tenors are sissies. In fact those are fighting words to Don who used to be an expert boxer and can still put up a very professional scrap if he has to.

CHICAGO

F. C. Shidel

Yours truly back from vacation in Minnesota and Wisconsin—fish not biting in Minnesota (as of May 15th) but better in Wisconsin a week later. Came back to work and find Eichorst, Eisenmenger, Speirs, Alusic and Mills on vacation—no one seems to know where the first three gents are spending their time but Mills has remembered the boys back home with a few picture post cards of the scenic west. Waiting for Joe Alusic to get back and give us a first hand slant on Indianapolis Auto Races—Joe really goes to town on an explanation when he gets warmed up. Bob Whitnah had a two day vacation from his duties of "acetate scratcher," said vacation not being one of pleasure as Bob spent it in a hospital due to a stomach disorder. Bob Jensen returned from vacation in Denver and reports that he had a swell vitsit with the boys of KOA.

Charlie Corliss is in the process of supervising the building of a new home in Homewood, Illinois. Corliss was not very descriptive in his brief talk but its to be a six room brick and should be ready by September 1st. The landscaping job falls on Corliss and his own bidding—he doesn't realize what he is in for.

A. D. Aldred, WMAQ T.E., has broken the record of WMAQ, being a non-active ham transmitter. He recently drew W9HGY for his QRA in Maywood, Illinois.

The Chicago Mobile Unit was not doing so well in traffic on its recent trip to South Chicago to cover the Big Grain Elevator fire. Engineer Harold Jackson pushed his head out the Unit window and gave out with his best siren effect. He claims that offending cars pulled over and let the Unit pass them. If Tommy Horan, Sound Effects Chief, reads this maybe Harold can get a coaching job.

The annual picnic for the Chicago NBC family is all set for July 27th at the Bon-Air Country Club. This year's picnic promises to be bigger and better than last year's—and that is something!

Jim Platz, Baron of Elmhurst, has added a choice portion of land to his real estate holdings. A house will be built in the near future.

Please pardon my over statement in the June issue relative to Glenn Webster buying a lot in Niles Center—Park Ridge is to be the future home of the Webster's.

Paul Clark is questioning the home owners of the Engineering Department as to the relative merits of different kinds of lawn grass. Everyone has a different answer—Clark wants the kind that grows just so high and stops.

John Martin, ME, is a quiet and unassuming chap—always on the job but never around in the way, hence news from his quarter is scarce and hard to obtain. I had heard via the always active grapevine that the Martins had had another blessed event and finally John was collared and forced to disclose as follows: "The third baby, Jeanette, was born April 4th at St. Anthony's Hospital. The score so far is as follows: Richard, age five; Evelyn, age three and one-half; and now Jeanette." I believe John has the record for children born while working for NBC in Chicago.

Harold Jackson and family will soon leave Chicago for vacation (trailer) trips to Denver and vicinity. Maybe he will find out the real origin of the "hits and pops" he hears on the coast loops that are logged as "West of Denver."

Citizens of Elmhurst have been wondering who the little boy with the large kite is. Investigation showed that it was none other than the Baron of Elmhurst, James H. Platz. He has been

experimenting with a large kite supported antenna with the idea of using it during the York Radio Club's Annual Field Day. Vern Mills designed the kite but was considered too light to hold it down so Platz had to act as anchor man.

June issue of the Journal just arrived—heartily agree with Joe Kay about Journal cover photos.

An NBC AA has been formed in Chicago with M. Schoenfeldt (Sales), President; Lynn Brandt (Announcer), First Vice-President; and Roy Bierman (Engineering), Second Vice-President. Engineers appointed to head committees are as follows:

Ed (always in the saddle) Horstman..... Riding
Marshall (See me R. E.) Rife Tennis
Paul Clark and Con Conrad Baseball
Bob Jensen and Jim Thornbury Photography

The other morning WMAQ was kicking about low level so Sup. Platz called SE Bierman on the fone in K as told him to keep "em peakin." Shortly afterward CQ called and hollered about peaks on the Breakfast Club, so an admonition by Platz to Reynolds in D temporarily pacified mother bell. All went well for several minutes, until AQ called again, begging for more audio. Another call to Bierman. On the heels of this call came the stern voice of long lines demanding a lower level on the Breakfast Club. Platz to Reynolds again, cautioning him to hold 'em down, and by the way you and Bierman should get together, "He's low and you're high." Then a call from Reynolds to Bierman commenting on levels. Bierman and Reynolds decide to check peaks. For some reason the Breakfast Club peaks in D did not tally with those of the Weiboldts (Commercial plug) program in K and a call was promptly made to Platz in MC advising him of the matter. Now the building maintenance keeps windows locked and barred to keep Platz from jumping out. Oh well, it was funny when it happened.

JOE KAY GOES HOLLYWOOD

Among the other pleasures of Hollywood, our New Yorkers are allowed to hold NBC microphones for Movie starlets. Here



is Field engineer Kay holding the mike for Jane Wyman at Hollywood Park opening. Chap adjusting earphones but not completely visible might be Miv Adams.

NEW YORK

By Ted Kruse and Jon Larson

Sturgell must have gotten too close to Dickson, SE, because Dewey was found in the Field Shop one day with some beautiful aluminum stock out of which he is making himself (of all things) a fishing rod! This is a sure sign that he must have some advance information on the presence close by of the elusive finnies.

Al Wics, Fricker, Bill Eddy and Larson back from the Sub disaster at Portsmouth, N. H.

On the day of the arrival of the King and Queen the New York Field sked boasted 32 jobs . . . Tommy Thomson, the Canuck from Vancouver off to cover the entrance of their majesties at the border at Niagara Falls and will be back at the Fair to again greet their highness . . . Larson spending three days on the beautiful new Coast Guard cutter "Campbell" off Sandy Hook to escort the royal party up the bay . . . Whittemore on the Mobile Unit at the Fair . . . numerous pack sets and positions . . . receiving done at RCA building and Governor's Island . . . W2XF cue on RCA on 40.6 . . . some 14 men from Field covering the regal cavalcade.

Ol' Gee Bee (Butler) back from vacation and tanned up beautifully . . . did his Ma a good boy's deed and painted her house while visiting her down home . . . Ashworth now away on his vacation and throwing in his hook with his frau and youngster, bass fishing down Maine . . . Ash opined the other day as how on a day off Irma chose to go trout fishing rather than take in the Fair for the first time . . . she's that nuts about angling. Bobby still has to have poppa bait the barb though.

The other day Bertero proved the kind of fellow he is by providing cigars upon the day which marked his acceptance as full-fledged FE . . . having served his apprenticeship admirably and earned the respect of the gang . . . he is also still pursuing his EE studies at Columbia.

We greet also to our fold apprentice the willing Mac McCarthy.

Horstman's news letters continue to amaze all with his ability and thoroughness with which he carries on his work as President. His April-May issue has just been received (June 6th).

The New York World's Fair is quite tremendous and colossal, the Chicago Tribune and Chicago Daily News notwithstanding, and is highly recommended. Some 63 nations are represented officially and the international exhibits are really gorgeous . . . having spent two years at the Century of Progress and almost every day at the New York Fair since its opening Larson sez this is not spinach.

Many questions are asked as to when the next photo contest will be.

Johnny Fricker is now the proud owner of a 3 1/4 x 4 1/4 speed Graphic . . . but then there are those who insist on Rolleiflexes and Korrelles. It will be tough competition though.

Whittemore is still waiting to be put on the passenger list of the Atlantic Clipper for his long postponed flight . . . it seems PAA must first make five return flights.

On June 14th the NBC held its first New York golf tournament of the year. The meet was held at the Rockland Country Club at Sparkill, New York. Mr. Frank Jones was in charge of arrangements, and a swell time was had by all. Those from New York engineering included Waddell, Lane, McElrath, Meyer, Shultis and Kulik.

Loyal L. Lane of Control worked until 2 P.M. on Saturday

June 10, drove home like mad, and picked up Mrs. Lane in order to dash back to North Beach Airport to see the King and Queen pass by. They saw them, all right, but when they got back home they found their son Richard Lane, 13, in Boy Scout uniform. "Heck Dad" he said, "Why didn't you tell me you wanted to see the King and Queen. I could have gotten you an introduction." Richard had been on the Scout honor guard to the Royal party in the Fair grounds. Oh me!

Phil Falcone, NYSE, recently left on a vacation cruise including Bermuda and Trinidad. Being an ardent follower of the piscatorial arts, how are the fish biting these days, Phil?

Les Miles, NYSE, dropped the boys a teaser in the nature of a penny post card. Les mentioned enjoying the balmy ocean breezes and cool evenings while vacationing with the Missus at Martha's Vineyard.

Don Carlos Pietro Dickson, NYSE, alias "the Doc," has frequently been seen going through the corridors wearing an open necked sport shirt. Wonder if its the call of the rugged outdoors or just the urge to be a producer. Speaking of fishing—it looks like the Doc is on the other end of the line these days. It seems he got "hooked" for a piece of land and is going to build himself a home. Good luck, Pete.

A. T. "Cracker" Williams, NYSE, is instructing a flock of NBC birds to become student pilots. A. T. says he now has sixteen fledglings pledged and the course is limited to twenty. Don't crowd boys. As Holloywood's Jake O'Kelly once said, "I'm doing fine on the ground, myself."

As this edition of the Journal goes to press, it might prove interesting to recall that Don Whittemore, FE, and announcer George Hicks are on the initial press flight of the Yankee Clipper winging their way toward Europe. Several successful radio contacts have been made and we expect a nice story for the Journal when the boys return.

"Flash" Luedeke, NYSE, has spent the past two months expounding the fine qualities of a new electric drill. Flash has finally rounded up eight victims for a quantity purchase and intends to order the drills soon. Incidentally, if any one is interested in the purchase of a drill for about five dollars, contact Luedeke for the details.

D. C. Shultis, NYMS, recently built a porch roof over the entrance of his new home. Considering all the recent additions, "Red" seems to have missed his calling.

Al Horwath and Harry Grelk, NYSE, have recently purchased Voigtlanders. Most any day now, they will be attempting the unusual in candid shots. Al wanted to take some pictures of the Royal Couple but found he couldn't run the camera. Better luck next time, OM.

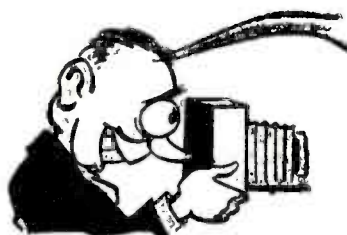
"Hank" Geist, NYME, is another of the many bitten by the "Own your own home it's cheaper than paying rent" bug. Hank hasn't been really clipped yet but he is looking around Stamford way.

Rojas, NYCS, is screening in his porch and has been consulting Luedeke on construction problems. What became of "ham" radio, Fritz?

Last minute flash—At this writing Don Whittemore has arrived successfully and safely at the Azores, Lisbon and Marseilles, France aboard the Atlantic Clipper. Don should be back by the time this is read.

Continued on page 19

The ATE Journal Announces the Annual Photographic Contest



Three Valuable Merchandise Prizes

1st Prize—Photographic Merchandise,
valued at \$20.00



2nd Prize—Photographic Merchandise,
valued at \$10.00

3rd Prize—Photographic Merchandise,
valued at \$5.00

CONTEST RULES

1. Any reader of the ATE Journal may enter the contest.
2. Contest will end September 15, 1939. All entries received postmarked later than midnight September 15 will be disqualified.
3. All entries must be between 4" x 7" and 11" x 14" in size.
4. Entries must not be mounted or framed.
5. No entries will be returned unless accompanied by self addressed and stamped mailing carton or envelope. No entries so sent will be returned before October 15.
6. Entries depicting some phase of radio in either still life or action pictures are preferred, but not required.
7. All entries must be accompanied by a statement as to: type and size of lens; make of camera; exposure time; aperture of lens. Other data pertinent to the taking of the photograph.
8. All prizes will be awarded on the date of publication of the October issue.
9. The decision of the judges will be final.

(Merchandise rather than cash prizes will be given away this year in order that ATE Journal advertisers may benefit.)

Winning photos will appear in the October issue of the Journal.

Patronize Journal Advertisers.

THE ? AMATEUR NET

JOHN FRICKER, NYFE

The question mark is still in effect at deadline as there is still too much divergence of opinion evidenced in our Monday nite sessions to definitely decide the matter. Latest development is contacting of Pres. Horstman to try to find a satisfactory substitute as close as possible to "ATE" and still receive the blessing of the national office. There is not general appreciation of the validity of the objections and the feeling is that the net can only be a credit to ATE. Anyone who doubts this need only listen in on 7140 KC Monday nites.

There has been plenty of activity on the Monday nite sessions during the last month with the following stations in the swim:— W2AIB, - W2IHI, - W3HIH, - W3HN, - W6CRO, - W6IX, W6IY, - W6JJ, - W6KM, - W6PHS, - W8LEX, - W8LLG, W9CP, - W9FA, and W9JIR.

Glen, W9FA has been having trouble making the Monday nite sessions due to a change in his work sked, but on several occasions has spent his dinner hour on the net while eating sandwiches. He is the key station of our net so here's hoping the control super relents. Glen is busy with poles for a new antenna which should boost his East-West strength considerably and in between other activities is getting things lined up for the annual Rocky Mountain division ARRL convention. As if this weren't enuf ham activity, he is starting additions to the local Naval Reserve Hdq. station.

Jon Larson, W3HIH, has gone photography in a big way but recently took time out to talk cameras to the boys on 7140. Hi. Understand he is having a couple of his pictures hung in exhibition of Rockefeller Center Camera Club—nice work Jon.

Hank Dunton W6CRO is off the air for a few weeks making improvements to his KW. He is moving his rig into the garage and worrying about remote control devices.

Henry Meyer has sent a message to his associate editors that the network is open for Journal business to the New York office—this of course to supplement and not to supplant other services.

Dick W6PHS has been on vacation but after a couple weeks absence jumped into the drill from W5CTW Austin Texas. All the boys seem to take their 3570 rocks on vacation and enlist the services of a local ham. Dick will take over this column for next month so how about dropping him a line with the local chatter. Or better yet, send it over the 7140 channel. However, be sure he gets it before July 10.

About skeds, it has been decided to drop all frequencies except 7140 for awhile and to concentrate on Monday and Wednesday nites at 9 P. M. EDST. This frequency has been getting steadily better and it looks like the answer for summer. So remember the skeds:

Drill—Mondays7140 KC 9 P. M. EDST
 Ragchew—Wednesdays 7140 KC 9 P. M. EDST
 73's—W2IHI

W8 737 - W9AIV - W60A
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SAN FRANCISCO

By TAD FULLAWAY

Sorry that there isn't more in the way of news from San Francisco for this issue but the pressure of getting married has prevented spending the needed time collecting news. Yes . . . it is wedding bells for Fullaway on the eighth of June. The ranks of the eligible bachelors is dwindling rapidly.

Williams and Jacobs back from their vacation—Jacobs instead of going to Dallas to see his girl was finally talked into fishing by Williams. Their story appears below. Hall also back from his vacation spent driving south—a visit to Hollywood NBC and on down the coast to Ensenada, Mexico. Cool weather in Ensenada cut the stay in Mexico short so back up north to warm up again.

Recent elections resulted in the re-election of Summers as National Councilman. Others elected were Parks, representing KGO and O'Neil representing San Francisco studio group. Kellogg goes into the driver's seat for KPO while San Francisco Field has yet to complete their election.

We bid aloha to Ed Manning, who transferred from San Francisco studio to the transmitter at KPO and say hello to Frank Barron who, coming up from KPO, replaces Manning. Ed plans to continue living in San Francisco and commuting to the transmitter at Belmont—a matter of twenty-four miles each way. Talking of buying a motorcycle to furnish transportation. How about those cold, rainy winter mornings, Ed.

On vacation are O'Neil, who is probably on his way south to Ensenada by this time and Morrisson—who is staying home to put up a new rotary beam and self supporting lattice mast.

Haven't the heart to mention the sun . . . that seems to be Brooke's job—and after the many mentions in the last issue about his beautiful weather . . . but it has been swell. Be seein' all of you next month.

NOTES ON A CAMPING TRIP

HARRY JACOBS AND DAN WILLIAMS

Decided, first of all to keep down the expense end of the trip, and secondly, to keep as far away from the main highways as possible. The first item was helped considerably through the donation of a tent by CR Supervisor Kilgore. Collected all our belongings, food, sleeping bags, fishing tackle, the ever-present radio, this one an RCA pick-me-up, dishes and utensils for a two-week jaunt to nowhere. Left the bay fog and headed for Clear Lake to try the luck at black bass (or catfish). Stayed three days here. Net result, 19 lb. black bass. The lake looked like San Francisco Bay during the high winds to which the SF boys are accustomed. Oh, yes, also met two SF secretaries, also on vacation, and talked them into frying the fish for us.

Tired of bucking the wind in a rowboat, so headed for the Klamath River, up the Redwood Highway (you Easterners have a sight in store for you here) to Eureka on the coast, then inland, following the Klamath through the Indian country. After 100 miles of very poor one way road stopped at Clear Creek Post Office. A National Forest Camp was near, so here went our tent. The National Forest Service really provides fine camping facilities. Went to the village store the first evening in camp. The bartender though we were G-men putting the "B" on him for selling beer to the Indians. Had two shootings here last week—wonderful country this. Met a half-breed our age who had never heard of Mussolini. Stayed four days, caught a few brook trout, then headed for Mt. Shasta country. Stopped

at McCloud River, set up camp, then stopped everything for one hour—reason, Fred Allen. The pick-me-up was really hot up here. KPO and KFI sounded like locals after 7 in evening. We were about 900 miles from KFI and 500 miles from KPO. KGO's 7.5 KW sounded plenty fine too. Three days here, then to Mt. Lassen Park. Portion of the park still snowed in so had to shunt around it. Tried Hat Creek for trout but not so good, so after one nite stand headed south. Lake Almanor next stop. Set a record here. Tent up, dinner cooked, eaten, and dishes washed 50 minutes after hitting the location. Next day to middle fork of Feather River. Luck here good, lots of 11 inch trout. Shot the breeze with several miners here. They pan the streams for one to five dollars per day. Weather till now fine, but looked bad so hoisted stakes and headed for Reno. Had contact with NBC SF CR from Telco here and also promoted sleeping quarters which were really appreciated, since it hailed on way to Reno.

Headed down the desert to Mojave, and landed in Cajon Pass late at night. The single Forest Service Camp was within 100 feet of the only railroad out of Southern Cal to the North-east—tracks shared by SP, Santa Fe, and UP. Not much sleep here. To Lake Arrowhead, Big Bear, and thence to LA late in the afternoon. Dropped in to the super NBC in Hollywood, saw some old San Franciscans, including Sax, De, Miv, Les, Dahlstead, Gibney, Paul Carson, Jane Burns, et al. Wonderful plant they have there. Two days later headed back to the bay region, ready for the old DB again, or should it be VU now?

The radio worked fine, as did the 4B batts in series parallel to drive the two Shavemasters. We city boys can't get away from our conveniences. Glad to be back, and hope to promote 4 days this fall for some steelhead fishing in the Klamath (Bev Palmer pls note). P. S. Bev does the skeds.

Hollywood, May 20—(Ins)—It may seem incredible news from this land of sunshine, but five weeks of almost continuous fog and clouds have created a situation which may cost the movie studios thousands of dollars.

Unless the sun comes soon Sam Goldwyn will have to suspend production temporarily on "The Real Glory." Director Henry Hathaway has worked in all the shooting which can be done indoors.

There is work for 1,500 extras in a big outdoor shot in Selznick's "Gone With the Wind" as soon as the skies clear.

The weather has resulted in Frank Lloyd making only half the progress he had expected to date in "Ruler of the Seas," a picture to be shot practically all outdoors, most of it off the Pacific coast.

MGM has a great deal of outdoor shooting yet to complete on "Lady of the Tropics."

These are only some of the major pictures which face delay. There are a score of smaller productions with outside scenes so for once Hollywood is turning its face towards the sky with a prayer.

Broderick Crawford tells of an actor friend he invited out from New York.

"He hadn't been feeling any too well and he thought a few days out in the sun here would do him good." Brod explained "he spent a day flying out and a day flying back and during the five days he spent here the sun didn't peek out once.

AMATEURS IN RADIO MEET AT "HAMFEST"

New York Times, May 31

Several hundred enthusiasts whose hobby is amateur radio sending got together for their "day" at the Fair recently, called each other "ham" with gusto and good nature, and spent most of the time trying to keep out of the sun.

In that respect they were like everybody else. But otherwise, not at all. For when radio fans get together, a "hamfest" automatically results, and no one who has ever attended a hamfest would dream of considering the participants ordinary folk.

In the first place, the hams know each other by station designations, not names. Thus Arthur Lynch, who was to have broadcast from a plane in the program's big moment last night, was just plain "W2DKJ, portable mobile" to his patiently listening pals. Brian Groom, visiting delegate from Galashiels, Scotland, was GM6RG—and although many local boys got to know him well enough to chortle "Hiya, Brian, ole chappie?" they kept thinking of him (they said) as GM6RG.

Fair Station Designated

Focal point of the day was the Fair's own amateur apparatus, centralized in the Communications Building. It was announced that "only yesterday" Washington had designated the station as W2USA, and thus the celebration became the first meeting of the W2USA Radio Club.

Outside the glass-walled room housing the intricate equipment, visiting hams from various outposts up-State and in New Jersey registered, squinted proudly down at the lapel pins bearing their call letters and then sought the Field of Special Events, where the opening conclave was held.

That made things more difficult than had been expected, because the Field of Special Events, adjoining the Aviation Building, has come into use only in the last few days and virtually no Fair guides in other sections of the exposition knew where it was. Three hams who got lost, and admitted it, were Walter Hicks, W2HQG, of 271 East 197th Street, the Bronx; Frank Oster, W2HXS, of 2,779 Briggs Avenue, the Bronx, and Morton Slavin, W2IZX, of 37-25 Seventy-fifth Street, Jackson Heights, Queens. They arrived an hour late.

Mr. Lynch made the first talk, then Dr. A. L. Walsh, W2BW, president of the W2USA Radio Club, announced the station had "worked" W6USA—another way of saying it had been in touch with the station at the San Francisco Fair—and John Young greeted the hams in the name of Grover Whalen.

Ken Hill, director of the Hudson Division of the American Radio Relay League, had a little advice. The public he said, often considered amateur radio "the whim of a small boy with a new toy," and "too often they are not far from right." He advised the fans to "sell" the idea of their hobby so that even if a neighbor "mayn't have the desire to pound brass, he may be diverted from his determination to pound somebody's head."

Then Mr. Groom told how hard it was to get an amateur's license abroad—compared to this country—and in appreciation for his hearty friendliness, the American hams initiated him into the "Horse Traders" on the spot. That's a very secret ritual, it was explained, but by comparing it to the dance called "Shoeing the Mare," one gets the general idea.

W2USA will transmit regularly every Friday at 9:45 P. M., it was said, and any set equipped for short-wave reception may listen in.

SCHENECTADY

from page 5

sought he knows the answers, and expresses them in interesting and clearly understood words.

Ralph Yeandle, TE, WGY, is all smiles these days. On May 28 Mrs. Yeandle presented him with a beautiful baby girl who now bears the name Carol Jane Yeandle. Both Mr. and Mrs. Yeandle like girls and are very happy with their two.

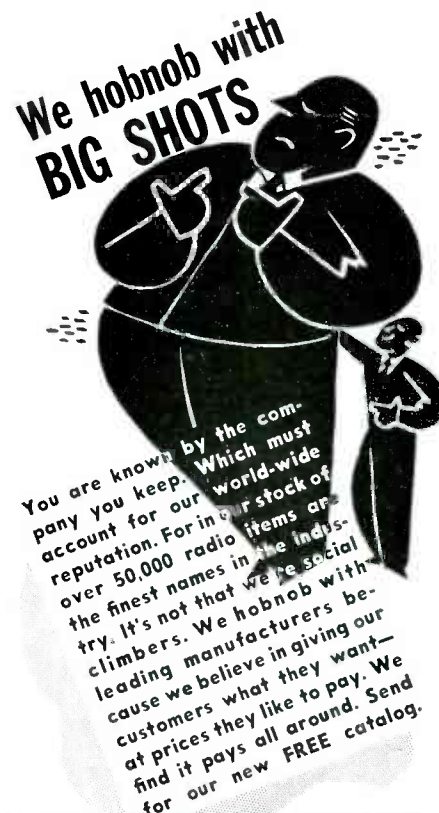
Two other transmission engineers at South Schenectady are expecting visits from the stork. It is rumored that Mr. and Mrs. Closson and Mr. and Mrs. Vert are looking forward to blessed events.

Hallingsworth, Vert, Macklewane, and Closson (TEs) at WGY are ardent camera enthusiasts. Let's form our own camera club.

CROSS COUNTRY CURRENTS

DON McNEILL, master of ceremonies of the NBC Breakfast Club and Jamboree, will play a new role shortly—one that's sort of got him worried—judge of a beauty contest. Don has been chosen to decide on the lady who will be Queen of the Thistle, the yearbook published by students of Carnegie Tech.

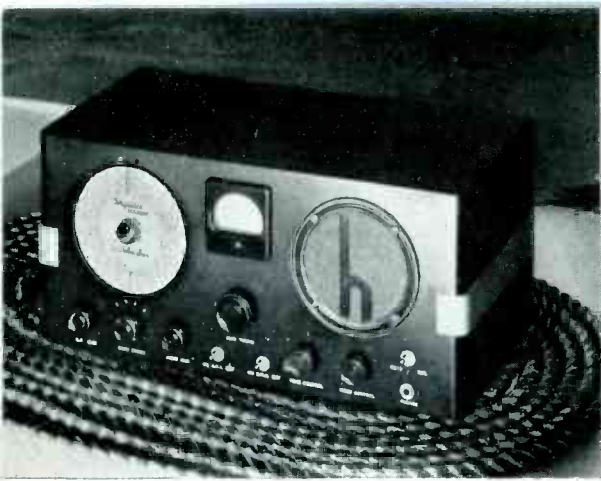
If the newspaper background of NBC's "Girl Alone" program is not accurate in the smallest detail, FAYETTE KRUM, the author, says she immediately hears about it from her two brothers—both ex-newspaper men. "My own family are my severest critics," says Fayette, also an ex-newspaper reporter.



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A 16-2100 METER RECEIVER

There is one thing which the ex-commercial "op" misses in modern receivers and that is coverage of the longer wave channels on which he is likely to have done most of his commercial operating. To again hear the "fists" of old friends of the air carries a thrill which is found nowhere else in the radio spectrum.

For Junior too, who perhaps aspires to following in his dad's footsteps and become a sea-going "op" as a preliminary to a radio career, there are no commercial ranges which provide the opportunity for practical code reception practice offered by the "above 600" channels.

It is therefore of interest to note that a receiver has at last been made available which not only covers the broadcast and short-wave ranges, but which is unique in that it also includes the long-wave ranges—from the top of the broadcast right up to 2150 meter without a break. Other superheterodynes heretofore available on the general market and boasting long-wave coverage have invariably skipped a slice of frequencies from about 550 to 750 meters to avoid undesirable interaction in the vicinity of their intermediate channels in the neighborhood of 450 to 470 kc. In this Hallicrafters "Marine" receiver, Model S-22, this difficulty is avoided through the simple expedient of employing an i. f. of 1600 kc. As a result, this receiver tunes continuously from 200 up to 2150 meters, and from 177 meters down to 16 without a break. Band-switching is utilized and the exact coverage provided by its four positions is: 140 to 465 kc. (2150 to 645 meters); 465 to 1510 kc. (645 to 199 meters) 1.7 to 5.8 mc. (177 to 53 meters); 5.8 to 18.5 mc. (53 to 16.2 meters).

The Model S-22 is an 8-tube job designed primarily for marine service both c. w. and phone. It includes a 6K7 tuned r. f. stage on all ranges, 6L7 mixer, 6J5 oscillator, 6K7 i. f., 6J5 beat-frequency oscillator, 6Q7 combination diode detector, a v. c. and first audio stage, 25L6 as the beam-power output tube and a 25Z5 rectifier. Operating power is obtained from any 115-volt line, either a. c. or d. c., or from a 6, 12 or 32-volt battery (through the medium of an Electronics Lab. vibrator converter unit for marine service.)

All tuning is by means of a single high-ratio knob with a main dial calibrated in frequencies for all bands and an auxiliary dial with liner scale moving behind a window to provide for

precise logging of individual stations in the more congested ranges toward the high-frequency end. Off-on switches are provided for the beat-frequency oscillator and the a. v. c and a send-receive switch cuts all plate current when in the "send" position. There are tone and volume controls in the audio system, a beat-note pitch control knob and an r. f. gain control. The loudspeaker is built into the cabinet and a headphone jack on the front panel shorts out the speaker when the phones are plugged in. The cabinet is all steel, finished in black with satin silver trim.

One of the most important applications of the receiver is aboard yachts (anything from 15 feet up, hi!—so long as it has a storage battery or generator supply aboard). In this service it not only provides reception of weather, time and Coast Guard signals, but in-between times brings in all kinds of broadcast entertainment, both standard and short-wave. In addition it provides complete coverage of amateur bands, for those who extend their ham activities to portable-marine operation as do a number of ATE members when on their "busman's holiday."

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HOLLYWOOD

By BOB BROOKE

Midnight ATE meetings . . . Summer here at last . . . Sax East . . . San Francisco trip . . . Summer shows . . . SF Fair . . . Pictures in top production . . . Misc . . .

SUN . . . Summer came as the fog left . . . From now until late November the weather will be 98% clear and a picnic can be planned a month in advance . . . Morning fog is still observed off shore but shore heat keeps it far at sea after sunrise . . . Santa Monica bay beaches are sandier and water is clearer than last year following the silting effect of the heavy March flood . . . Temperatures in Palm Springs have touched 123 degrees in the past week . . . no wonder their season ends in May . . . The deepest tans in history are walking NBC corridors daily . . . NBC AA has scheduled a first annual no admission (bring your own) beach party for July 15th at swank Malibu La Costa Beach Club . . . 91st pursuit Ferguson is back at the beach and reports from flight four on wave seven that he's doing 250 MPH, altitude 10 feet . . . and that was a swell story on Palm Springs last month, Ray . . .

MISC . . . Mr. Saxton and his family left June 16th for NY via the southern route . . . planned driving through the Mojave desert at night . . . Kay Kyser stayed only four weeks at Catalina . . . Jim Brown went over the last show and helped Charley Norman pack gear for return to Hollywood . . . Jimmy reports trip on boat was swell but day spent waiting for next boat was a "workout" pulling the setup and packing some 2000 pounds of gear . . . Charley will go north to handle the show from SF Fair and cover another possible broadcast from the northwest . . . correction on last issue . . . Charley was able to handle both Fibber McGee and Lucky Strike through juggling schedules a bit . . . Johnny Morris to Birmingham, Ala. on vacation to celebrate tenth wedding anniversary there . . . congratulations Johnny . . . Mort Smith's house started and will be ready in about three months . . . his carefully thought out plans of three years finally taking shape on a fine radio located knoll in San Fernando valley . . . Carl Lorenz's new FHA home also under way out toward Burbank . . . Al Korb has moved into his new place . . . the 8JK rotary and his transmitter were first occupants . . . Mort Smith home a few days with torn back ligaments . . . Earl Sorenson buying new summer wardrobe and celebrating second wedding anniversary . . . Bob Callam of recording inducted into ATE at recent midnight conclave . . . WELCOME Robert . . . Jim Brown gave the Valedictory address at his law commencement . . . expects to cross the bar this fall . . . our new solicitor general has not officially published the price list but informed sources in maintenance advise that it has been discussed by them and that they have decided on the following: Divorces \$100; Breach of Promise \$150 (and a date); Traffic tags (not handled—no pull) . . . Carl Lorenz sez he'll line up any ATE hams with KB6ILT in Guam if they'll ask . . . sez 6ILT works schedules mostly and doesn't usually bother with rag chewing . . . Pickett stopped in at NBC Chicago while East on his vacation . . . got big kick out of meeting his old friends . . . how does he look, Chicago? Have we been taking good care of him? . . . Kay Phelan came back with the Picketts from Denver . . . Joe Kay's artist brother Ernest out from NY for a short visit . . . Thanks Ernest for the nice job on our dance posters . . . The Kays have a new cocker spaniel pup . . . De DeWolfe in charge of Hollywood while Sax away . . . De reports his Pontiac tied up a block of Red cars other AM when rear end went out

. . . Murdo MacKenzie training East for Jello Jack Benny show from Waukegan, Illinois . . . Mac has run Jello since first show from Melrose studios . . . How will Bing get along without you, Mac . . . or let's see, you can leave after a Kraft show, work Jello and be back mebbe . . . Mac's going by train as a recent ear injury makes a plane trip dangerous . . .

ATE . . . Two emergency midnight meetings have been held recently to discuss the IBEW situation . . . Meetings finally broke up about four A M. with chapter members adjourning to coffee spot for another lengthy session . . . Much was accomplished in matters of general chapter morale through excellent and sensible discussion led by Chairman Denechaud . . . General Hollywood conclusion was, stick to our guns and ATE . . . A rising vote of confidence in our national president . . . to sit tight and await developments . . . The active interest of all members showed the advisability of frequent general chapter meetings . . . A number of local items were discussed and much air cleared . . . 'Too bad that we can't have national conventions of all members occasionally . . .

SAN FRANCISCO . . . Drove up to help our scribe Fullaway get married . . . (clocked 404 miles through valley going up and 432 on coast coming back) . . . Frank and Amy married in simple afternoon ceremony at Grace Cathedral on famous Knob Hill . . . Wedding reception followed at the Sir Francis Drake and was attended by many NBCites . . . I've never seen so many glamorous gals in my life and noted several quietly sniffing during ceremony . . . Heart breaker Fullaway . . . Either Tad had all the luscious damsels in SF at his wedding or else San Francisco has something that Hollywood definitely lacks . . . Anyway Tad topped 'em all with his beautiful new bride from Honolulu . . . Makes me think, he's on his honeymoon in Mexico City and wonder if anybody is writing his column? . . . San Francisco was never more beautiful . . . It's a city that changes little from year to year or day to day . . . always deep green . . . new bridges, new fair . . . but the old cable cars still go up and down the hills clanging at anything in front of 'em . . . played golf at Lincoln on the Golden Gate . . . to heck with the putts the view was more important . . . subs to Honolulu . . . big ships and yachts . . . forts and tremendous cannon . . . bridges and lighthouses . . . there is a town . . . Bay bridge to Oakland is doing a tremendous business . . . auto traffic on it at fifty cents each looks like Fifth Avenue at noon or Wilshire at five thirty . . . so successful is the bay bridge that toll is being cut to forty cents immediately . . . Passenger Ferries that ran for so many years are extinct and a few auto ferries only remain . . . these too will go with reduction in bridge rates . . . for the first time in history interurban trains run to Oakland and Berkeley . . . A fine new train terminal now takes the place of the old Ferry Building for the quarter million across the bay commuters . . . new terminal located uptown . . . It's cheaper now to get out of SF for an outing than ever . . . this has always been considered a drawback to the city . . . People know how to live in San Francisco . . . and for those who work there is no city in the world more suited to year around business . . . climate is cool with topcoats needed in July and August . . . street cars are used by everyone as the accepted means of transportation . . . private automobiles are kept for Sunday . . . four street car tracks crowded with trams occupy Market Street, SF's main thoroughfare . . . Municipal wharfs along the water front handle ships

of all nations . . . Fisherman's wharf is famous the world over for sea food and particularly crab and lobster cocktails . . . San Francisco names its better eating houses oddly . . . Fly Trap . . . Pig Pen . . . Silver Dollar . . . Old Clam House . . . Many date back to the days of the goldrush . . . Barbary Coast is gone and Chinatown is as safe as your own back yard but still the girls of San Francisco drink their whiskey straight . . . The swankest bars are doing a land office business and are located atop skyscrapers . . . The Sky Room on the Empire Hotel was first and became so popular that it pulled the Hotel out of the red and people often wait an hour in the lobby for an elevator . . . The latest is the "Top of the Mark" on top of the Mark Hopkins Hotel on Knob Hill . . . Rated the highest spot in town and used by NBC for receiving UHF bridge tower broadcasts, this night spot is without equal on the coast (except Beach combers in Hollywood) . . . The "Mark" bar has taken a floor at the highest level and knocked out all the brick masonry and replaced it with plate glass . . . a circular bar with a starlight deep blue ceiling overhead and lounges and tables around the windows completes this glamor spot . . . Hard to believe that the walls aren't murals . . . drinks fifty cents and up . . . can't find a seat at five in the afternoon . . . why didn't I think of the idea . . .

FAIR . . . Andresen and Morrison of the SF gang were at the wedding and after a couple of hints by Brooke agreed to take me over and show me the Fair . . . Stopped at the Top of the Mark on the way and as the sunset ended over the Golden Gate, the lights of Treasure Island in the bay came up as a many colored gem . . . out of those high plate glass windows we also admired several downtown buildings brilliantly flood-lighted for the Fair . . . After a couple we headed over the Bay Bridge in Andy's Packard for the Island . . . Turned off after going thru the tunnel on Goat Island half way to Oakland and payed our fifty cent bridge toll . . . headed down a ramp to the Fair . . . Andy and Morrison had NBC passes and payed fifty cents for me . . . payed more for parking over near the towers of W6XBE's trans-pacific beams . . . With only a couple of hours to do the whole fair in, we stepped on it and toured the hall of science with its RCA exhibit and television demonstration . . . looked over W6XBE, the 20 KW GE shortwave station of the Fair . . . wandered thru all the avenues and courts so magnificent in their lights and architecture . . . Truly the lighting and beauty of the fountains and flowers and lakes and murals is well worth the trip without even going inside a building or visiting the Gayway . . . Some who have seen it in the daytime say it is a bit drab, a bit unfinished, but at night definitely it takes your breath away (and I had long recovered from those two on the Mark roof) . . . Many photographers were shooting color shots of pools and effects . . . The place is supremely beautiful . . . If it isn't that way in the daytime they certainly ought to open it *only* at night . . . It would take at least a week to absorb the exhibits in the few buildings we went thru . . . Andy decided I should see the Sally Rand Ranch . . . I didn't mention that I wouldn't go home without seeing same . . . Soooo . . . we went to three shows all allegedly run by Miss Rand . . . Miss America, where a fairly good looking gal stands in the rear of a nearly dark stage and poses for ten seconds in the all together and then a bell rings and somebody sez all out next party coming thru . . . Sally's Ranch where we definitely voted in favor of a little blonde playing badminton . . . Here however the weight of numbers overwhelms one and you merely say, *So what* . . . I believe the world could go nudist and we'd think nothing of it . . . After once walking by the windows you are permitted to stay and gaze . . . we noted very few stayers . . . believe the women looked more

interested in the goings on than the men . . . Anyway we wound up the evening with Elysium . . . a play behind a glass screen and in the dark . . . of primitive life when people wore few clothes . . . The PA system here was awful . . . Sooo . . . the Fair, but I want to go back and put on my horn rimmed specs and study some of the exhibits outside of the Gayway.

GENERAL . . . Incidentally noted our LA blimp the Volunteer, flying around over the SF Fair . . . many a job we've done from her . . . wonder how the skipper likes flying around over water all the time and in a stiff ocean breeze . . . and no Beverly Hills swimming pools to look down on . . . Came down from SF in nine hours and stopped in Santa Barbara for lunch . . . The recording room now is equipped with new type VFs . . . also new lights over the recording machines . . . SF recording running ragged to cut four P&G morning commercials daily for rebroadcast later . . . use both turntables to cut two records and swap discs or turn 'em over in twenty seconds . . . Understand Mr. O'Neil is the fast worker . . . SF reports much work up here with maintenance men doing regular studio watches . . . Johnny Morris has moved to a San Fernando Valley home . . . two acres but no swimming pool or airport . . . Lone Gulch Jake O'Kelly has found himself a gold claim up in the Piute mountains . . . 7000 feet . . . twenty acres and only has to dig a trench ten feet long and four feet deep once a year to keep it . . . but he's really looking for gold so he'll probably dig more than the law requires . . . anyway a yarn on his doings promised for a later issue . . . Brooke, Miller, O'Kelly, Reimer (sound effects) went fishing in a live bait boat out of San Pedro . . . caught a lot of bass and a few barracuda . . . had a fine time . . . Korb and Lorenz ran out of gas and arrived yelling just as boat pulled away from dock . . . they went on another boat but caught less than we did, too bad . . . Next week Jake and Gert O'Kelly repeated and caught some big Yellowtail and barracuda . . . Gert landed a fifteen pounder by herself . . . Les Culley sez the air conditioning in Master control is certainly a big improvement over the melrose building . . . Sez all they need is a button on the board to supply coca cola and all would be perfect . . . Congratulations Chicago on the success of your dance . . . Kattie Phelan using the office cigarette tray for a short stemmed flower bowl . . . no wonder ashes get on the carpet . . . The boys in SF were all fine and said to say hello to the gang in Hollywood . . . Cassidy's new boy, Bill, getting old enough to pull out what remains of his pops hair . . . All looking forward to new studios . . . Understand an "On to San Francisco" club has been started among the construction groups in New York . . . They like California . . . Bob Schuetz coming out to give a paper at first national IRE convention to be held in the west . . . Gotto go . . . Have a nice vacation. 73

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KFI - KECA

By H. M. McDONALD

EAST AND BACK: Ray Moore has returned from a months vacation during which he traveled from the Pacific to the Atlantic and from Canada to Mexico, his mileage totaling more than 8000. He visited dozens of points of interest, including those that are on every tourist's must list, Mount Vernon, Washington, the NYWF, Radio City and Niagara Falls.

He stopped at Camden to see the latest television equipment and is grateful for the many courtesies extended to him there by Messrs. Smith, Beers, Trainor, Goulden, Reesor, and others, and for the favors shown him at Radio City and the Empire State Building by Messrs. Hanson, Shelby, Wankel, Buzalski, Kitchen Chips, et al.

At Pittsbrgh he took a breather from driving and dropped into KDKA studios where George Myers showed him the works. From McDonald at WLW he learned more about facsimile and a trick or two from the way they record programs at the Nation's Station.

While visiting relatives in Yuma on the way home a friend invited Ray to address the Kiwanis Club on television. A newspaper reporter attended the meeting and the next day the talk was in print and all Yuma is now definitely television minded.

TELEVISION ON THE COAST: KFI-KECA is anxiously awaiting favorable action by the FCC on their application for a license to operate a 1000 watt television station on 42,000-56,000 kc. A particularly favorable location, near the center of the City's one and a half million population, has been leased, the 14th floor of a building well isolated from all other buildings except those of one or two stories. Buildings here are limited to 14 stories and this one sticks up like a light house.

The station's program will probably be devoted to the compiling of coverage data and listener reaction, rather than technical research.

These plans, together with Ray Moore's first hand reports on the "state of the art" in the East, have us all in a dither. Movie people here are closely watching the development of television.

Believe there is only one active television station west of Kansas City and it is located here in Los Angeles, a composite set, 300 lines, telecasting about eight hours a week and being received as far away as 30 miles, over flat country.

RESEARCH: John Hidy, TE-SE, just received a construction permit for a general experimental portable mobile station to be operated on three frequencies between 30 and 40 mc., and plans to test some of his theories and improve upon what he learned at Purdue and U. of Illinois.

ATE NET: Went to our receiver at 5 p. m. the other night to see if anyone actually connects on these ATE schedules and immediately heard Eldredge at SF calling CQ AT. Everett, here contacted him immediately; then Glasscock at Denver came in and soon Parks of SF was in, working from some Fifth District station in Texas where he is vacationing. Surprised at the ease with which they work each other. Had to leave before could learn whether they worked farther East but Everett assures me they often work Coast to Coast. Itching to get back on the air now.

NOT WEB-FOOTED: Carl Estep, TE, quietly slipped down and took the examination for an RI a few months ago and passed with flying colors, which proves that he has what it takes. A few weeks later he received an appointment to a position in Seattle but did not accept as it would have necessi-

tated moving his family up there at the beginning of the rainy season and disposing of his home here, probably sacrificing more than he would gain.

INFRACTIONS: Hear that a former Los Angeles business man, who made plenty in the radio business here and consequently very widely known, is now down in the Islands and recently had his amateur license suspended for three months because he allegedly used his station to transmit orders for goods to the States. Also failed to post his station license.

Also hear, but unconfirmed, that a fellow who has been operating without a license for some time and who knew that the RI was after him, one day phoned the RI and asked if RI would waive prosecution for unlawful operations if he came in and took out a license. RI explained he had no authority to do so, whereupon the bootlegger told him GTH and continues unlawful operations and RI endeavoring to get sufficient evidence to convict. Wonder if the bootlegger knows possible penalty, \$10,000 and/or two years.

STICK-TO-ITIVENESS: Glad to see mention in Brooke's article of Jimmy Brown's graduation from law school with highest honors. Recall that Jimmy was going to night classes five years ago. Since then he has changed positions three or four times, each time for the better; has married and is raising a family; has bought a home; and now completes his law course. He goes right through all obstacles, just like he used to go through QRN with that Federal arc at KFS on the beach at SF a few short years ago. Nice work Jimmy; keep it up.

CIGARS AND CANDY: Mrs. Charles Young presents Charley (ME) with a daughter and Charley presents us with smokes and candy. This time it's a girl; one of each now. The two ladies are doing nicely and we're all happy.

PICTURE: Through the main gate in the wire fence entwined with Rex Bettis' prize sweet peas at KECA Transmitter. Rex standing with hands in pockets, admiring his new Packard which is silhouetted against the ten acres of billowing oats surrounding the building. The Greeks had a word for it, "delighted."

(To Ward, NY: "You're paying for a Packard; why not own one?")

PREPAREDNESS: Always on the job and ready ahead of time is Lloyd Jones. Sixty days before his vacation he's loaded up with Kodachrome and other photographic supplies all set to shoot in color everything from here to Vancouver.

THROUGH A KNOT-HOLE: Out at Pamlico Tennis Courts we saw Jones, Blatterman, Wilmshurst, Alexander, and Denecahaud "keepin' fit." Blatterman fuming because Jones and Denny talk photography while playing. Denny's first time out since his appendectomy, not as tan as before but doing all right.

MAN OF ACTION: While we were writing flowery speeches and making other plans for the formal presentation of the trophy the Hollywood boys won in the recent golf tournament at Midwick Country Club, Joe Kay, down in our neighborhood on a special-event pickup, ran over to our Master Control Room and with "Hello—it's tough when we have to come after the trophy WE WON—goo' by," he grabbed the trophy and was gone. Tch, tch, we're embarrassed no end.

GOOD CORN: Evidently the boys at KFI Transmitter do not like the kind of corn we have been sending out to them as they have had the 30 acres around the building planted with

a type better suited to roasting at the beach this summer. Be very superior, if the RF don't roast or pop it on the stalk.

TOO MANY ERRORS: Although they have lost four out of the five games played, KFI-KECA's newly formed baseball team is making a good showing, all things considered. Most of the boys had not played since their school days and were rustier than they thought when they volunteered to play.

In one game with Columbia our crowd was yelling for action, so Sweeten (Ork leader) accommodated with a homer. When the man covering Third attempted to block him Sweeten went right on through and crossed the plate waving the man's shirt sleeve to the accompaniment of wild cheers.

Cole, SE, received a broken thumb in the last game with Hollywood NBC and daily thereafter he received much sympathy, until he umpired the last Columbia game. Now he receives only black looks and hears mutterings "too bad it wasn't his neck," etc. And he only said one little four letter word that was wrong.

Mason, Curran, Cole, Fritzinger, and Wilmshurst have represented the Engineering Department on the team. There has been a large increase in the number of rooters since they learned that there is a keg of beer on tap at most games.

TONE TRANSMISSIONS: At the conclusion of each Saturday's broadcasting day (midnight PST) KFI transmits a series of audio frequencies which may be used by anyone interested in making measurements on their broadcast receiving sets. The audio oscillator used is accurate within 2% over the entire range.

The procedure is as follows: 1. 1000 cycles transmitted and level set at the studio and transmitter. 2. 40 cycles transmitted, level set and equalizer adjusted. 3. 8000 cycles transmitted, level set and equalizer adjusted. No announcements made regarding above adjustments.

Next, an announcement preceding the transmission, for one minute, of 40 cycles; ditto 250, 500, 1000, 2500, 4500, and 8000 cycles.

Then an announcement stating the deviation of any frequencies from 1000 cycles per second, plus or minus so many DB.

Saturday night PST, KFI 640 kc.

SQUALUS DISASTER

from page 3

Therefore the equipment was again packed and finally transferred to the "Brooklyn."

The sea, while not too rough, had a heavy ground swell which made it a ticklish problem to transfer the gear to the "Brooklyn" without losing it in the brine.

Again Bill Eddy cleared the way and had the Navy supply an antenna and power for the transmitter right to the spot where it was needed on the navigation bridge. But the bridge was four decks above the landing stage! Having left in light worsted business suits the boys were by this time chilled to the marrow by the raw wind, along with having had no sleep all night and just one sandwich in the breadbasket. Bill took us down into the Ward room and saved two lives with some java.

Bill, Fricker and Bob White, of WBZ, remained on board all that night to cover any developments. Wies returned to Portsmouth to be at the control point.

Meanwhile Larson, who had been working at the World's Fair Tuesday was notified that he might have to leave for Portsmouth also. Tuesday night he remained in town at the Taft to await developments. Wednesday noon saw him on the train bound for Boston. There he was met by Mr. Bowes of WBZ sales who

drove him to Portsmouth and arrived there about 7:30 P.M. Wednesday.

By midnight Wednesday the crew at the Navy Yard was goggle-eyed so Messrs. Holman, Synder, Cole, Vassal, Morris and Wies hit the pads at the local hostelry. Larson remained on the job through the night and the next day. Bill Eddy, Fricker and Bob White continued to make their home on the "Brooklyn," all looking forward to a well-earned rest.

All of the equipment (some 30 pieces) which Larson brought with him had been unloaded from Bowes' car and loaded into Mr. Holman's car and made ready to scoot down to the wharf and load into another small vessel. This vessel had been secured to cover any further emergency similar to that which occurred during the early evening when the diving-bell had become entangled with its cables at a depth of 150 feet on its fourth trip below. Fortunately the Navy cleared this trouble and got the men out safely.

During the early morning hours (3 to 5 A.M.) Larson and Feldman checked through two circuits which ran from the control point to the wharf and there set up audio equipment to feed one of these Navy circuits. Trouble on one of the circuits was cleared ready for any eventuality at that point, should the Navy be further successful to raising any more survivors.

On Thursday night Fricker and Larson received orders from New York to return and for Wies to remain with only audio equipment at the control point. Mr. Holman kindly consented to let Larson, Fricker and Bill Eddy drive his car, with most of the equipment, to Boston where they entrained for New York at midnight. Later Al Wies received orders to pack and come home also.

Altogether, through the hectic excitement there were originated some twenty odd programs and news flashes from Portsmouth. The WBZ announcers, Cole and White, did a grand job and NBC will remember the swell hang-up coverage of the disaster by Bill Eddy, Art Feldman and Al Schreder.

A word of gratitude to the entire WBZ garg. They were swell and the efforts of Bob Duffield and Vassal were highly appreciated. Without the tremendous and generous help of Mr. Holman in transporting equipment, providing cars and lodging in a town overcrowded with reporters, broadcasters and others, the coverage of the disaster would have been many times more difficult.

NEW YORK BOAT ACTIVITIES

Carlos Clark, NYME, 33 foot twin screw cruiser, fresh water cooled.

Al Protzman, NYV, 18 foot canoe.

Bill Eddy, NYV, 34 foot Elco Power Boat.

Milt Kitchen, NYCS, 28 foot Sailboat.

Howard Gronberg, NYV, Putt-putt.

Bob Johnston, NYSE, Recently sold, but enthusiastic.

Al Weiss, NYFE, 21 foot motor boat. Carries hip boots for Emg.

Klaus Landsberg, NYV, 16 foot sailboat, at Amityville, L.I.

Elmer Mead, NYME, 34 foot power boat.

Augie Bowman, NYSE, Putt-putt.

Paul Herrold, NYCS, sold about two years ago.

Miles, NYSE, At the moment is vacationing on yacht.

Gurrin, NYV, recently sold his sailboat; suspect the next will be power boat.

Geo. McElrath, Racing shell, to reduce waistline!

Mel Lewis, NYME, 2 foot model sailboat!

Holland, WEAJ, 35 foot yacht.

NEW YORK

from page 9

A NY member has anonomously confessed the following: As the Physics course got around to electricity, he became confused, the observing teacher noted same and asked him, "What is electricity?" The hesitating reply was, "I forget." Whereupon the teacher exclaimed "There's the only man who knew what electricity was, and he forgot!

Did you know that Charlie Townsend, NYV, is a minister's son, and a feline Trainer of some note?

Television Cameramen Burrell, Thatcher, and Stolzenberger have gone in for pith helmets.

Rah Davis, NYV, has made an interesting study of Civil War history.

The process of incorporating the NY Chapter was started Sept. 1936; letter just received from attorney indicates papers of incorporation will be in our hands within ten days. Some speed. The NY Chapter should demand interest on the advance fee paid!

Joe Kay, Hollywood, sends photo for Journal cover; after publication, Brooke sends very brief telegram indicating embarrassment; another photo just received from Joe is being held up pending instructions from Hollywood.

Jack Holmes, NY Recording, recently returned from vacation, feeling fine, and back in the groove—get it?

Ted Kruse, NYME, narrowly averted nervous breakdown; looks as though he could stand a four week vacation.

Shultis, NYMS, still improving on his home, just completed trellis; an ardent golfer, we suspect a miniature golf course is among the contemplated improvements.

Between Television Camera and Journal production, Stolzenberger, NYV, finds time to work with the well known magician, Diestel, as consultant and critic.

A definite effort is being made to improve relations between NY and Engineering Chapters—it's about time! A jointly sponsored dance on a share the expense basis should help.

Wankel, Video Councilman, and Resides, Engineering Chapter Chairman, both have resigned their respective offices; elections now in progress.

Gerry Sellar, NYCS, unusually quiet these days.

Journal Staff and Contributors: PLEASE! In the interests of efficiency and economy of time, Journal material should be addressed to the Editor handling the issue you intend your material for. This small measure of cooperation will save me many hours of time running down Meyer, Compton, Hays, Stewart, etc., every few days to pick up material. Material for August issue should be addressed to Compton; material for September issue should be addressed to Stolzenberger, etc. Thank you,—Stolz.

Is there a good reason why Chapters outside New York couldn't produce an occasional ad? The Staff works for nothing, receives no support from the National Office. The Journal size, quality, and number of cuts we can afford to use is at present limited by advertising revenue.

Bill Eddy, NYV, was granted leave by NBC to cover Squalus disaster and offer any assistance possible; he knew the entire crew. Came back looking very tired. Bill has been kind enough to give us a few hours of his extremely busy life,—result, our interesting cover.

Psychic Cooperation! During a recent Television studio program, on the air, Cameramen Burrell, Thatcher, and Stolzenberger were following cues perfectly for the first 24 minutes of the program—thought Technical Director Davis, until one of the Cameramen "disagreed" with one of the cues. It was then

discovered that the PL battery key had been off all the time. This incident is related in the interests of those studying psychic phenomenon. Who said Cameramen were Robots?

Here's one for the Historians: TV Producer Padula at 1:42 P.M., June 15, 1939 complemented Cameraman Thatcher on a good shot!

Arnold Bacon, NY Receiver Repair, recently made repairs to VP Hanson's Television Receiver; Extensive fire damage was done to OB's home shortly after Bacon left. Bacon is lately referred to as Arson Arnold!

Compton, NYV, is having trouble with the home taxicabs, driving them off the roads in a mad dash to make the morning train. We are expecting a door-knob eye any day.

NY NBC AA working on plans for coming outing, early in September.

Goodale, NYV, sitting across from the fashionably dressed Miss Thompson, is having trouble concentrating. Protzman, NYV, also an extremely eligible bachelor, doesn't do a bad job of observing either.

If Goodale, NYV, invites you to the Armory, picture yourself sitting in the center of the floor, with Goodale & Company marching around you.

Engineering Softball beat Auditing 18 to 5. Auditing was considered tough competition until they met Engineering.

Allan Walsh, NYDE, at one time studied to be musician, now plays hot clarinet.

George Nixon, NYDE, is famous for his Hot Sox; recently moved to Floral Park, Long Island.

NY NBC AA Golf Tournament: Max Jacobson, NYFS, won picnic set for low net of the day. Waddell, NYME, won golf bag for nearest-the-pin prize. Milne, Shultis, Jacobson, and Kulik on Engineering Team. Also out for Golf: McElrath; Bob Close, Air Conditioning; Gilcher, Head Service Dept.; Lane, NYCS; Executive VP Trammell, acclaimed a swell fellow.

Don Whittemore, NYFE, has been supplying the NY Golfers with slightly used, "found" golf balls at 25c each. Waddell, NYME, living in the same neck of the woods and also a golfer, let it be known that he could obtain disinherited golf balls at 10c each from a local store. Result: Whittemore has lost the golf ball agency to Waddell!

NY Reference Recording is being enlarged, and included as part of the Fish Bowl. Stewart will now have to reduce.

Engineering Bowling Team No. 1 took first place against teams of other Depts. Engineering Team No. 2 won second place. Engineering Teams are ALWAYS in first place.

Howard Gronberg, NYV, is self-appointed Chairman of Engineering Chapter ATE Dance Committee. He has plenty of successful experience; hope to have more to report in the near future. It seems Howard also has interest in Girls Camp called Wow Woppa Wog. Also owner of a putt-putt.

Doc Dickson is now sporting a new watch. See kiddies it pays to eat Quaker Oats. Joe College is enjoying life at WJZ Boundbrook. A. T. Williams still flying high. Catch! Jerry Hastings, Front Office has been buying lots of tackle lately. We wish him luck. Hank Meyer is giving Gil Markle a run for money as the Beau Brummel of the Lounge. Hank has been sporting a two piece ensemble. We wonder what Jake O'Kelly would say.

Waldo MacQueen after attending night school for some time has finally been granted a Clam Diggers License. The boys in Maintenance are going to present Waldo with a baseball bat, a pail and a shovel so he can go hunting, fishing or whatever you do to clams. Understand C. Westover failed to pass his physical exam. Mussel trouble. WOW!

Carlos Clark has finally launched his 33 foot cruiser. Carl wants Jake O'Kelly to know it did not take a hurricane to

launch it this time. Ted (Downwind) Kruse took his first flying lesson recently and looked pale for the next few days. Dr. Les Miles has been looking at Ted with that professional glint in his eye. Curly Jordan went to Denver on his vacation. Say Baa to him and see what happens. Phil Falcone in Bermuda at this writing and Wolf Coleman up in Connecticut.

Ed Costello, W2NX has been having a bit of trouble since he moved down to twenty meters. His best DX up to now was a W2, so that you can imagine his joy when he recently heard a GM6 answering his CQ. Ten minutes later his wife found him slumped in front of his rig in a dead faint. The GM6 is assigned out at the World's Fair (New York of course) which is only a few miles from W2NX. Ed now wants to correct a statement attributed to him in the last issue. He says "If you can't hear them you can't work 'em."

RUMOR and GOSSIP

Preserve New Deal Reforms, Landon Warns! From a UP dispatch of June 11, we quote in part: "Alf Landon sharply criticized the conservative wing of his own party . . . and said that he 'feared' . . . that if that element in his own party attained to power, it would swing so far to the right as to endanger reforms gained under the New Deal. He said that laws such as the wages and hours measure and the Wagner Labor Relations Act must be kept on the books after certain 'corrections' are made in them, and expressed the fear that reactionaries in his own party would 'undo' the good as well as the bad in New Deal measures. The Republican Party must be prepared, he said, to 'improve without delay upon New Deal reforms. The actual brake upon recovery is the arrogance of business toward the Administration . . ."

We hear that Republican Counties are raising property taxes to an uncomfortable extent, and of course, blaming the New Deal's spending program.

Watermelon vine reports about six IBEW men, heavily laden with seniority, are in training at the NY World's Fair as PA Men; at the end of the "training period" they are to head ABT's Hiring Hall list as "Experienced Broadcast Technicians." Starting pay is \$2.00 per hour, 30 hours per week—starting, as follows: One of the trainees had a mike trouble, took same apart, observed corrugated ribbon, and decided its "bent" condition must be cause of trouble; another trainee is supposed to have disemboweled a rectifier tube in order to locate a rectifier trouble. Signposts indicate ABT Chapter to be effectively subordinated to IBEW men by seniority alone. FLASH! NY IBEW asked proposed new member if he could operate Nemo equipment!

Soak the Rich! Political neophytes yap about the unfairness of steeply graduated taxation and attempt to associate the "Soak the Rich" idea with the New Deal, whereas in fact, the idea seems at least as old as organized medicine. If you know of an MD that does not base his fees "upon the ability to pay," it would pay him to so advertise in this Journal. The ethics of graduated taxation according to ability to pay, usually referred to as, Soak the Rich, has been approved and practiced by this large group of Professional Men; of course, the MD argues this policy is necessary to HIS case, to compensate for those customers (patients) who cannot afford to pay. Likewise the wealthy business organizations and individuals must be taxed sufficiently to compensate for those citizens whose incomes and property holdings as so meagre that they very evidently have little "ability to pay."

FLASH! AFRA, IATSE American Guild Musical Artists, and Screen Actors Guild are at this moment of writing enjoying a jurisdictional dispute over the spoils of Television; when settled, hold your hat!

COMMON HOUSE PESTS

by L. D.

Have you ever been confronted with house pests too? If so, you will be interested in the somewhat subtle means employed in decoying and deporting my specific pests from the house.

One sultry evening last fall, on wending my way homeward (after battling the usual subway crowds) I was greeted by the welcome wifely caress and the friendly aroma of dinner. Following my libations and partaking of a tasty meal, I took my evening paper and retired to the living room—the sole intention being to read, rest and listen to my favorite radio program (no cracks). My period of relaxation did not last very long, for "The other half" came tripping in to tell me to look in yonder clothes closet—a big surprise was contained therein. Upon investigation, I discovered a new popular type vacuum cleaner, together with a full complement of accessories, apparently capable of handling any type of cleaning job. Querying my spouse, evoked the following: Sometime during the early part of the afternoon, the door bell rang and a voice from without had shouted "Exterminator!" Thinking a new service was being inaugurated by the apartment owners, she opened the door saying, "come right in." Immediately she began to open all the closet doors so that the closets might be moth proofed. Then suddenly, bang, bang, bang, went all the closet doors again as my wife realized, too late, that she had let a vacuum cleaner salesman into the room. A crude trick has been perpetrated and the salesman began to bear down upon his unfortunate victim. Forced to listen for sometime, my wife finally convinced the man that there was a husband who might need some persuasive convincing. "All right, I'll leave all of my equipment here and return tonight," he said. This was a rather unexpected turn of events but it at least got rid of him temporarily.

While listening to my frau's interesting tale I had proceeded to wrestle with long rubber hoses, brushes, nozzles, etc., until I appeared very much like a deep sea diver rolling on the ocean floor—the victim of some undersea monster. I finally broke loose from the tangle and undertook to get the apparatus working. I mothproofed all of the closets, using a large quantity of moth expeller crystals. This job finished, I gave the living and dining room rugs a "shot." The apparatus was then disassembled and returned to the various containers. I might add at this point the parts were not restored as neatly as when originally packed (you see, I am still a novice).

During all these goings on, my indulgent wife sat idly by—protesting mildly and thinking me a "little tetchy in the head." About this time our door bell rang again and my anticipated caller was waiting at the threshold. When I answered the door he greeted me with, "Ah! Good evening Mr. —" but no further. "Here you are my good man," I said as I tossed the monstrosity into the hallway. "We don't want none," and I slammed the door. Though frantic door bell ringing followed, I put on my "ear muffs" and he eventually picked up his machine and left in disgust. Let it be understood that the wife was very much perturbed at this ill mannered action.

Readers having been indulgent enough to read this far may feel for the salesman and frown upon my unorthodox reactions. One must, however, consider the underhanded methods employed by salesmen who prey upon unsuspecting wives and mothers. Another potent point is that we have a vacuum cleaner already. I will concede the lack of diplomatic technique but one must admit it was unique in getting the required result. In passing—this incident might have soon been forgotten but, to this day, when I feel the urge to wear my "other suit" an old memory is refreshed—the lingering odor of a vacuum cleaner salesman's moth crystals.



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