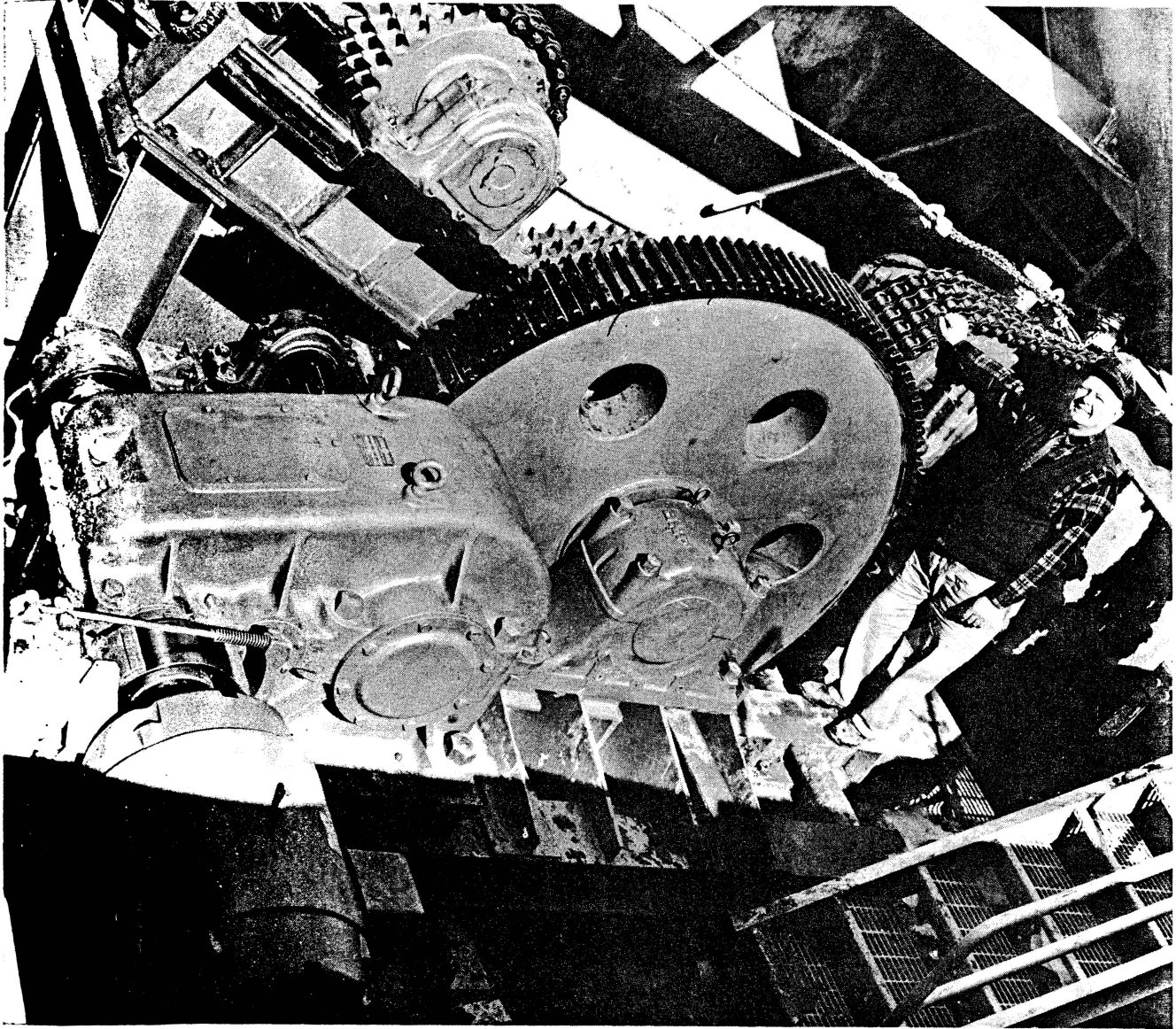


The O B S E R V E R

Volume 1, No. 5

April 30, 1962

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DRIVE UNIT FOR 300' DISH

Pictured above, is the drive unit for the 300-foot telescope, placed in the pit area.

This unit was built by the Link-Belt Company, Philadelphia, Pa., and being installed by Mr. S.S. Greenwood.

WHAT IS YOUR INTEREST IN A
RIDING SCHOOL?

V. Scott's "Lazy-S" at Dunmore, is thinking of branching out into a riding school if it can find enough people interested in learning to ride horses. In order to get this school going, Scotty needs 18-20 people to take these instructions. The fee will be roughly \$15/month for a one hour a week class. If he can get enough people interested in this riding school, he has available to him 10 trail horses that could be rented for riding by the hour or by the day.

If you would like to learn to ride, or would be interested in having trail horses available at Dunmore, see Scotty and he will fill you in on all the details. Having riding horses as near as Dunmore sounds wonderful.

DR PAWSEY TO LEAVE HOSPITAL

Dr. Wade visited Dr. Pawsey in the hospital in Washington last week, and reports that Dr. Pawsey was to be discharged from the hospital on Sunday, April 29 much improved. He will spend a couple of months with relatives in New Jersey recuperating before he goes back to his home in Australia. Dr. Pawsey's recovery has been much better than the doctors expected, and he should be able to return to the NRAO in September as planned.

Mr. Jim Ellis, of Ellis Art Studio, Roanoke, Virginia, was at the Observatory April 24 to discuss with the NRAORA Activities Committees a ceramic class for NRAORA members and their families. This will be discussed at the next NRAORA Board of Directors meeting, and a definite decision made whether to do this. If you would like to have a class in ceramics, you can see Harry Wooddell or Phyllis Jackson -- they would like to know how many people are interested in this hobby, and can fill you in on some of the details.

Mr. and Mrs. Ned Ashton visited the Observatory on April 26.

Mr. R. A. Herrington, of Stone & Webster Engineering, has returned to the NRAO. Mr. Herrington's offices are in the 140-foot telescope. Mr. and Mrs. Herrington are living in Marlinton.

Three loads of super structure material from Bliss was delivered to the 140-foot telescope site the week of April 23.

Kindness-- Life is made up, not of great sacrifices or duties, but of little things, in which smiles, and kindnesses, and small obligations, given habitually, are what win and preserve the heart and secure comfort.

We cannot be just unless we are kindhearted.

Sow good services; sweet remembrances will grow from them.

BIRTHDAY GOOD WISHES FROM THE NRAORA
to -- John Ralston - May 7
Spencer Greenwood - May 22
Jerry Shears - May 24

NEW EMPLOYEES

Mr. William D. Horne, of Cleveland, Ohio, has been employed in the Engineering Department as Associate Engineer. He and his family are living in the new housing area of the NRAO.

Mr. Ronald E. Monk, of Boyer, was employed during April as a Driver-Messenger.

Mr. James E. Dolan, Titusville, Florida, has joined the Electronics Division as Electronic Engineer, and has moved his family to the NRAO housing area at Arbovale.

Mr. William D. Vrable, and Mr. Richard Skaggs, both of Marlinton, joined the Electronics Division this month as Technicians.

Mr. Riihima and Mr. Takel, of the University of Helsinki, Finland, were visitors at the Observatory on April 18.

On April 17, the West Virginia Secretary of Agriculture and party stopped by the Observatory for a brief visit, and tour of our facilities.

Miss Joan Crampin has moved from the Residence Hall to the Uphoff residence, and will be there until the Uphoffs return from Germany.

NRAO HOLIDAY - MEMORIAL DAY

Wednesday, May 30, is a holiday for all NRAO employees.

WANTED TO BUY

Mrs. Walley Oref would like to buy a good, second-hand baby stroller. Phone 456-2239.

Mr. and Mrs. R. L. Uphoff have gone to Heidelberg, Germany, for about six months, where he will work as a computer programmer at the Astronomisches Rechen-Institut.

REPORT OF CANCER DRIVE - GREEN BANK COMMUNITY

Donations to the cancer fund collected from the Observatory employees to date, as reported by Jamie Sheets, is \$120.70. Other collections in the Green Bank community amount to \$181.25, making a total of \$301.95. If anyone has not contributed to the Cancer Fund, please give their donations to Jamie Sheets.

Miss Leah Moore, who worked at the Observatory last summer, will be back this summer to work as a secretary in the Electronics Division. She will be here on May 28.

On April 7, Mrs. Vincent Scott and children, George and Lennie, and Lisa Heeschen and Gayle Baldwin, attended a horse show at the Sycamore House School of Riding, in Roanoke, Virginia.

Miss Carolyn Dunkle spent the week-end of April 16 in Washington, D.C. visiting friends.

20-FOOT DISH

The Observatory has bought a 20-foot dish and feed from the Electronic Specialty Company, of Cohasset, Mass. for operation at 5500 Mc. Delivery is expected on or about May 26.

The dish will be erected at the Mary Beard house, where the concrete towers have already been completed.

POCAHONTAS COUNTY CLEAN-UP DAY
PARADE IN MARLINTON

Saturday, May 12, at 2:00 p.m. the Clean-up Committee has scheduled a parade in Marlinton of more than 100 participants, to get the county clean-up campaign off to a swinging start. The Marlinton and Hillsboro High School bands will lead the parade. In the event of rain, the parade will be postponed until May 18.

Carolyn StClair reports a new member to the StClair family. The puppy arrived in March, and has been named "Pixie Lee".

ROSE-BROOKS WEDDING

In an open church wedding on June 9, at 4:30 p.m. Miss Jo Ann Rose and Mr. Lyndell Brooks will be married. The ceremony will be performed by the Reverend Dozier in the Cass Methodist Church.

NRAORA

Work has started on the NRAORA recreation area on the Hannah farm. The entire farm has been raked out, and the golf driving range is being rolled. The softball court is about completed, and this week work will begin on the two tennis courts.

Softball equipment, and equipment for the golf driving range have been ordered, and expected very soon.

EARLY TIME FOR MAINTENANCE DEPARTMENT

Beginning Monday, April 30, the Maintenance Department will come to work at 7:30 a.m. and leave at 4:00 p.m. This will continue until further notice in the Fall.

300-FOOT TELESCOPE

The Bristol Steel & Iron Works, Inc. removed the construction towers from the 300-foot telescope last week. Power should be on at the telescope by the middle of this week, and tests will be made shortly thereafter.

The control building will be completed within two to three weeks, and NRAO employees will begin putting the surface on within three to four weeks.

A "WEE" REPORT ON HH'S BOYS

Marc Vinokur and Bill Kuhlken are developing a 6-cm system for making phase measurements to determine the feasibility of interferometer type TWT's. The 6-cm receiver for Dr. Orhaug is well on its way, and the units are expected very soon.

Warren Wooddell is developing a multichannel receiver, while John Rader and Bill Vrable (and telescope operators) are working very hard to have the console equipment ready for the 300-foot.

Joe Carter is developing another front end for the 750 Mc receiver.

John Hensley is working with the telescope operators in removing the 10-cm from the 85-foot and replacing it temporarily with the 750 Mc polarization experiment.

Jim Oliver is busy running back and forth to the "Little Big Horn", along with his other duties.

Dewey Ross is kept busy listening to Whistler, changing tapes, and tearing out his hair over the Adler tube.

Carl Wooddell and Dick Skaggs are very busy boring holes in panels and filling them in with all sorts of goodies.

Zatta is hard at work with the 3-cm trying to inject new life into a couple of dead tubes.

The "old goat" (CD) and the "kid" (LMc) are doing a fine job in the lab supply room, and taking all the insults and, "where's my equipment?" remarks that is passed at them -- in good humor. (Yeah)

Mike Waslo is recording interference at the Reber dish, and it seems his biggest interference is a green and cream Ford stationwagon, license No. 129 494, belonging to a well-known technician, who just hasn't got the time??? to condition the car against sending out all sorts of interference. If this doesn't stop, he will be required to get a transmitting license for his Ford.

John Parker is up to his ears in digits for his digitizing equipment.

Dough Slough is finishing up a 300-Mc oscillator using varactors and transistors.

After much moving and shuffling around, the three stooges have finally wound up together behind Door 125.

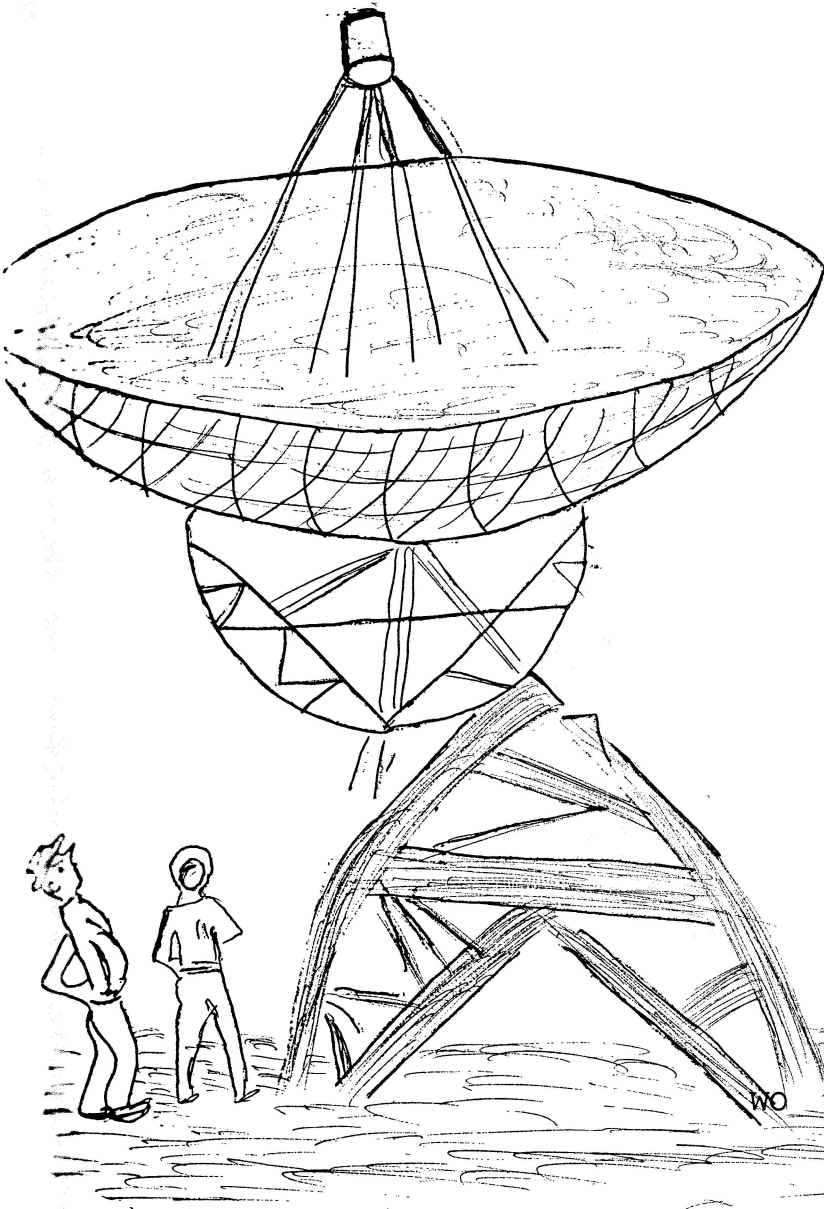
Mike Waslo has moved his home-station from the Lab to the Reber dish, and Ruben and Emilio are now sharing the office vacated by Mike. Bill Horne and Lyndell Brooks are sharing Room 116 that Ruben and Emilio moved from.

A transistor course, with Jim Dolan as instructor, will begin for the Lab boys as soon as the books arrive from the Government Printing Offices.

With this good report on the Lab fellows, why is Bill Kuhlken so gloom?

Dr. Orhaug's family will return to Sweden by plane on May 12. Dr. Orhaug will remain at NRAO until the latter part of June, when he too will return to Gothenburg.

Miss Beth Beyer, a student at the University of Michigan, visited here several days during April.



Man, Dig that crazy bird bath!

The little man from Mars had just landed, and he threw his arms around a traffic signal and embraced it. Then he stepped back as it changed from "Go" to "Stop". It changed again to "Go", he embraced it again. Then it changed again to "Stop". He stepped back and shook his antennae.

Slithering away he muttered to himself: "Women! If there's anything I can't stand, it's a tease!"

A man was working in his garden one fine day when the preacher came along. This preacher soon began to talk about the beautiful state of the garden, winding up his speech saying "Brother, you and the Lord sure have done a wonderful job with this garden!"

The gardener knowing the preacher was hinting for a handout, replied, "Well, preacher, you should have seen this garden when the Lord was working it alone. "