

'NO MAN'S LAND' OF RADIO OPENED FOR EXPERIMENTS

Communications Commission Assigns 75 Channels In Upper Frequencies For Television Pioneering.

WASHINGTON, Oct. 16.—(AP)—The communications commission today opened radio's "no man's land" today to permit signposts for the routes of experimental transmission in the upper frequencies.

Marking off the lanes to be used by television, transoceanic, police and aviation transmission, the commission noted in its report of the assignments that there does not appear to be an immediate outlook for the recognition of television service on a commercial basis.

Officials said regular aural, or commercial, stations over which the United States listens to most of its broadcasts were not affected by the order, but that a possible new field for commercial broadcasting was opened by the assignments.

Aids Experiments Allocation of 75 channels in the band from 41,020 to 43,980 kilocycles, officials said, "paved the way" for consideration later of applications for commercial as well as experimental service on those frequencies. In the past, frequencies above 30,000 kilocycles have been reserved for experimental broadcasting.

The new assignments affect largely "safety and life" transmission, such as police and aviation broadcasts and experimental work. Today's order marked culmination of the commission's attempt to chart lines in the frequencies above 30,000 kilocycles, where experimental work has been carried on without commission regulation of frequencies.

Effective as of last October 19, the order was issued as the result of hearings last June when engineers told the commission six years of study had led them to believe the time was ripe for harnessing the upper frequencies.

In Higher Frequencies Previously the commission regulated frequencies from 10 to 35,000 kilocycles. Its new order stakes off the frequencies from 10 to 300,000 kilocycles. In effect, officials said, the order permits experimental stations to use the higher frequencies which they have been employing, but limits them to a definite range. Instead of television being broadcast on almost any higher frequency desired by the broadcasting company, it will be limited to the channel from 44,000 to 108,000 kilocycles.

"Life and service" broadcasts also will come within definite lanes, under the new order. The commission assigned 15 channels from 30,830 to 39,820 kilocycles for relay broadcast stations. For police service, the commission allocated frequencies between 30,000 and 40,000 kilocycles for 24 stations. Twenty-five of these frequencies, the commission said, will be available to municipal and county governments and four to state police agencies.

On Share Use Basis In accordance with an engineering plan to be announced, the commission said, these police frequencies will be assigned on a "share use" basis. In view of projected plans of the bureau of air commerce, the commission said, it was only necessary to provide "a limited number of frequencies" for radio beacons, airport traffic control and navigational and landing devices.

Designed primarily for use in instructing student pilots, the commission said, four frequencies from 30,000 to 40,000 kilocycles were allocated. In this frequency band, the commission made provision for six airport frequency assignments separated by about 300 kilocycles. The commission allocated eleven frequencies in the band from 132,000 to 144,000 kilocycles, designed primarily for radio telephone service for aircraft in flight.

Good Neighbors FREMONT, Ohio.—(UP)—Nineteen neighbors of Paul Fry, tenant farmer, who has been ill in a hospital for several months, met at his farm to plow and harrow 28 acres for the planting of the 1938 winter wheat crop. Farmer Fry's friends used 16 tractors and completed the task in a few hours.



OREGON 4-H STYLE QUEEN

STATE 4-H Style Queen for the year is LaVerna Whitehead, 17, of Turner, in Marion County, who won that title in the State Fair revue in which 62 girls from 22 counties and Portland modeled costumes of their own making. Miss Whitehead's outfit, for informal party wear, is of peach colored rayon taffeta enriched by deeper peach in the chiffon velvet bolero and belt. Including shoes, hose, and undergarments, the outfit cost \$12.75. For seven years she has been enrolled in club projects. She will represent Oregon's clothing club members at the National 4-H Style Revue to be held in Chicago, Dec. 1, as a feature of the 15th National 4-H Congress, to which she receives an all-expense trip from the Chicago Mail Order company, sponsor of the revue for the ninth year.

SCOUT TROOP 4 WINS IN RALLY POINT SCORING

With more than three hundred onlookers, Troop 4 scored first place in the annual Medford district rally held Saturday night at the High school gym. The troop, under sponsorship of the Junior High School P.T.A., has just completed its first year since being organized. Much credit is due C. L. Loomis, scoutmaster, and C. L. Hopkins, who is serving as assistant scoutmaster.

O. A. Eden, Medford district vice chairman and chairman of organization committee served as "Head Judge" for the program. E. M. "Ed" Kirtley, assistant coach at Medford High school gave the opening "kick off" address. Among other things Mr. Kirtley stressed the fact that no other organization in the world was doing as much as the Boy Scout movement for character building and constructive use of leisure time. Mr. Kirtley has had much experience with Boy Scout work and has served as an organizer and scoutmaster.

There followed an impressive opening ceremony under leadership of Eagle Scout Jack Heyland, member of District Sea Scout Ship, consisting of the presentation of colors by a color bearer from each of the following district troops: 3, Roosevelt school, Lion's club troop; 4, Junior High School, P.T.A. troop; 5, Washington School Rotary club troop; 7, Roosevelt School American Legion troop; 8, Armory, Fraternal Order of Eagles troop, and 40, Central Point P.T.A. troop.

Event 1 was for "Punctuality" and practically 100 per cent of all troops were 100 per cent on time at the unusual hour of beginning, pronounced to be at 7:20 p. m. Event 2, "Attendance" was won by Troop 5 having the highest percentage of their registered membership present.

Event 3, "Attendance of Visitors" was won by Troop 7. Event 4 was opening flag ceremony and all troops participated. Event 5 was display of American Troop and patrol flags. Every troop had its display and earned 100 points except Troops 7 and 8 who only had part of their patrol flags and either a troop or American flag or base missing.

Event 6, "Knot Tying" was won by Troops 3 and 40 each tying for first place with a score of 90 out of a possible 100. Event 7, "Emergency and First Aid Carries" was won by Troop 8, first in

speed and 100 per cent accurate. Event 8, "Original Troop Song and Council Song" Every troop scored perfect 100 per cent. Event 9, "Fire by Friction" Troop 7 made 100 per cent, making fire in the record breaking time of 33 seconds, this was made by Scout Bob Deaver. Troop 4 was second in 49 seconds. Event 10, "Fire by Flint and Steel" won by Reed Cox. Troop 3 in record time of 4 1/2 seconds. Troop 4, second in 9 seconds. Event 11, "Undressing Race" won by Troop 7 in 2 minutes and 24 seconds. Troops 5 and 40 tied for second place, 85 points. Event 12, "Skin the Snake" won by Troop 4 in 22 seconds. Troop 3, second in 24 seconds. Event 13, "Yells" concluded the evening's program and for giving both a troop and a district yell each troop scored a full 100 points. Event 14, "Participation" earned each troop an extra 1000 points. Next in a series of five district rallies being held this fall within the Crater Lake Area Council will be in Grants Pass next Friday. An invitation is extended to all Scouts, Scouters and friends of Scouting.

DR. AND MRS. SWEENEY WILL ATTEND MEETING

Dr. and Mrs. Charles T. Sweeney will leave here tomorrow morning for Eugene where the doctor will address the weekly luncheon-meeting of the Rotary club at noon and attend a meeting of the Lane County Medical society in the evening. Mrs. Sweeney will attend a meeting of the medical society women's auxiliary.

On Wednesday Dr. and Mrs. Sweeney will continue from Eugene to Salem for the 63rd annual session of the Oregon State Medical society October 21, 22 and 23. Dr. Sweeney is to be installed as president of the state society for 1937-38.

Curiosity Kills Monkey. MANCHESTER, N. H.—(UP)—Curiosity killed a monkey. After wandering around the city for a week, the little fellow nosed around to see how the state's public service generating plant worked. The monkey touched a circuit carrying 3300 volts of electricity—and fell dead.

Designs for Love. CAGLED, Hungary.—(UP)—Andreas Kiss, editor of Cegled Napdo, abandoned his career in journalism and became a butcher—all for love. His fiancée's father had ruled that "only a man who is willing and able" to continue his butcher shop could have his daughter's hand.

Use Mail Tribune want ads.

BATTLE WIPES OUT UNIT OF CHINESE, 3000 JAPS KILLED

Death Battalion Is Annihilated In Terrific Fight For Tazang — Protests Demanded On Air Raids.

SHANGHAI, Oct. 18.—(AP)—A Japanese warplane was blown to bits by its own cargo of bombs today when the heavily loaded plane crashed after Chinese anti-aircraft guns in Chapel scored a direct hit.

SHANGHAI, Oct. 18.—(AP)—Chinese authorities said today that a death battalion of 1,400 Chinese troops and more than 3,000 Japanese attackers were killed in a battle for possession of Tazang, about five miles northwest of Shanghai. They described the engagement, in which Chinese fought to protect supply bases, as the heaviest single encounter in the Shanghai area since hostilities began.

Colonel Chin Ching-Wu, commander of the Chinese force at Tazang, had declared they would fight to the last man. After 30 hours of continuous battle against Japanese infantry supported by planes and naval guns, Colonel Chin was killed and his force wiped out.

Japs Bomb Civilians Resuming the bombing of civilian areas outside Shanghai, Japanese planes were said to have killed and wounded more than 200 Chinese, mostly peasants. Chinese authorities estimated that 100 were killed and injured in an air raid on Chenju, where the American-installed \$1,000,000 Chinese government radio station is located. Thirty civilians were reported killed at Hungjao, where Japanese airmen were said to have machine-gunned the populace.

At least 60 noncombatants were said to have been casualties of a Japanese air attack on a passenger train in the Changan station, 20 miles north of Shanghai. Chinese and Japanese air raids and anti-aircraft shelling caused increasing fears in the international settlement that Shanghai may suffer a repetition of the "Bloody Saturday" catastrophe of Aug. 14. There was a growing demand among foreign residents for some sort of remedial action. It was learned that American and other foreign consuls are asking their home governments to protest to both China and Japan against warplanes flying over the foreign areas.

United States Consul General Clarence E. Gause was understood to have emphasized the potential danger in his dispatches to Ambassador Nelson T. Johnson at Nanking and to the state department at Washington. Japanese, failing to break Chinese resistance in the Chapel sector of Shanghai in 57 days of continuous assaults, resorted to air bombardment of all Chinese communication lines and supply bases behind the lines.

Chinese Strike Airport The Japanese bombardment followed a Chinese air raid which ended at dawn. Chinese planes made six forays over the international settlement and French concession to drop bombs along the Whangpoo river front and Japanese Langtzeoo and Hongkew sections of the international settlement. The bombardments were said to have forced Japanese to abandon their landing field in the Yangtzeoo area and transfer equipment to Woosung, 12 miles downstream.

During the Chinese raid and the Japanese counter shelling, a shell fell into the hitherto comparatively safe French concession, where most Americans in Shanghai live. It struck

in the Salvation Army refugee camp, a half block from the American Community church, and injured a child refugee.

Chinese Hold On Another shell plunged through the roof of a foreign house between residences of Major E. G. Hagen, assistant U. S. naval attaché in China, and Dr. A. M. Dunlap of Saroy, Ill. It failed to explode.

Casualties among Shanghai non-combatants since the warfare started were estimated today to total 2,000 dead and 3,000 injured. American military experts said they believe that as long as Sookchow creek and countless tributary canals and small rivers are kept open, Chinese soldiers probably will be able to hold Chapel.

One American officer predicted that only an additional 100,000 troops would enable Japanese to force Chinese from their Chapel district trenches. Chinese have bomb-proof dugouts, countless machine gun nests and sandbag barriers scattered about Chapel. They hold several Japanese outposts captured in last week's raids.

Japanese naval planes dropped bombs on Chinese concentrations along Sookchow creek, opposite the sector of the international area guarded by United States marines. One squadron raided the Chinese airbase outside Nanking without success.

Jacksonville

JACKSONVILLE, Oct. 18.—(Sp.)—The Archie Bowman family has moved to Weiser, Ida. Ernest Buehners accompanied them to assist in moving, if necessary, as Mr. Bowman was ill when they left.

The football team went to Glendale on October 8 and was defeated 12 to 6. C. J. and N. G. Raveron of Applegate have purchased an acre of the G. O. Sanden property and are building a woodshed on it where they will store their household goods for the winter as they expect to leave soon for California. They plan to return in the spring and erect other buildings.

Judge F. L. Tou Velle returned Wednesday from a three-week trip to Boston. Girl Scouts held their first meeting of the fall in their room at the courthouse October 12 and made plans for winter.

The church committee and Business Men's club report that the city of Jacksonville has a quit claim deed to the old Methodist church and two lots in payment of \$150. The deed is in possession of Attorney H. K. Hanna. Mrs. Fred Butcher returned October 1 from a two-week visit with her uncle and other relatives at Seaview, Wash. Her uncle, Chas. Crumley, brought her back and expects to spend the winter at the Butcher home.

G. O. Sanden drove to Grants Pass Wednesday, attending a district meeting of Masons. Mr. and Mrs. Cochran of Medford called on Mrs. Cleora Bixby Thursday. Mr. and Mrs. E. S. Sevance returned October 12 from a three-week trip which took them to Great Falls, Mont., where they visited friends and also visited at their home for two days the past week was E. C. Le Claire of Portland.

Mrs. Frank Clogston of Sly has been visiting her parents, Mr. and Mrs. W. J. Edens, here the past two weeks. A hunting party composed of Roy Coleman, Tom Dunnington and Oscar Levitt left October 10 for Klamath Falls and Gearhart mountain for a week.

Mr. and Mrs. Geo. Bishop of Ashland were visitors October 10 at the homes of Mrs. Lantz and Ray Wilson. Mrs. Bishop is a sister of the two latter. The many friends of the A. Ayers family are happy to welcome them back to Jacksonville again. Miss Carmen Dorothy has been home the past two weeks with a bad cold.

Messrs. Wyatt and Pierson have leased one of the shafts at the Opp mine and are milling the ore at the little mill here in town. Kathleen Purcell has recovered sufficiently from her recent appendicitis

operation to be able to return to school last week.

The Cox family has leased the Archie Bowman property for a year and moved onto it. Professor Cox and Miss Weisman left Thursday for Salem, the former to attend a state school superintendent's meeting and the latter to attend a state gathering of singing instructors. They returned October 16.

Jacksonville unit of Jackson County Public Health association met October 12 at Mrs. H. K. Hanna's home, where they enjoyed a covered dish luncheon and discussed the sale of Christmas seals. Nine ladies were present. Home Extension unit met Thursday at the Presbyterian church for an all-day meeting, with a covered dish luncheon. Subject studied was dress accessories No. 1 with Mesdames Peters and Meacham as demonstrators.

On October 5 Rev. S. H. Jones went to Tule lake to attend Presbytery for two days. He also spent some time in Klamath Falls. Rev. Wm. C. Favette of Roseburg returned with him, going to Roseburg the next day. On October 9 the members of the Junior Christian Endeavor society held a party at the Norvell home, where they enjoyed games and refreshments.

Geneva Coffman of Medford spent a few days the past week visiting her parents, Mr. and Mrs. Ike Coffman, here. Mrs. Marsh returned recently from a month's visit at Eureka, where she says she had a most enjoyable time. Her many friends will be glad to know that her health is very much improved.

Mr. Wilkinson and Miss Lena Johnston drove to Drain October 3 for a short visit with Miss Johnson's aunt, Mrs. Alice Reed, whom she had not seen for 22 years. They returned the same day. E. H. McIntyre, Homer Culy and Perry Lovell went hunting on the Applegate Wednesday and Mr. McIntyre got a deer.

Recent guests at the home of Mrs. Dora Harbough were her niece, Mrs. Mollie Jennings, of Honolulu; Mrs. Bradbury, of Bremerton, Wash.; and Mrs. Rogers, of Klamath Falls. After leaving here, Mrs. Jennings was going to South America, where she will spend the winter sight-seeing, returning to her home in the Hawaiian Islands in the spring. Mrs. Etta Tranta was married October 2 in Yreka, Cal., to Mr. Ojal Johnson. They will make their home for the present at Mt. Shasta City. Mrs. Arthur Kleinhammer will leave this week for Portland to attend annual meeting of Synodical as delegate from this district.

Mrs. G. W. Burgess and infant son of Long Beach, Calif., arrived Thursday for a visit at the homes of Mrs. Alice Ulrich and H. K. Hanna. She left Friday for Seattle to meet her husband, who is on the ship Northampton. They will remain in Seattle three months. Mrs. Burgess was formerly Helen Ulrich. Mrs. G. E. Neuber of Portland arrived Tuesday at the home of her brother, H. K. Hanna. She plans an indefinite stay visiting with friends. On Thursday, October 21, all interested ladies are invited to assemble

at 10 a. m. at the Presbyterian church to make bedding for a very needy family. Each lady is asked to bring her individual lunch and whatever quilt materials she can give, be it old or new.

Mrs. W. O. Johnson of Klamath Falls spent Monday as guest of her daughter, Mrs. Letha Centrell and daughters Shirley and Dona. Miss Carrie Wilson of Applegate called in the city Thursday.

Emil Schneider of Sterling returned from Dorcia, Calif., where he has been employed during the summer with the Associated Lumber company. Mrs. Lucy Ott of Oakland, Calif., is visiting at the home of her mother, Mrs. Helen Johnson. Mr. and Mrs. C. M. William and family of Eastern, Ore., have located

in our city. Mr. Williams is employed in logging on Yale creek.

Typical Motorist TULSA, Okla.—(UP)—The American Petroleum Industries committee gives the following description of the "typical motorist": 1. He earns \$25 to \$30 a week. 2. Owns a car valued at \$200 or less. 3. Pays \$50 annually in automotive taxes. 4. Rides 40 eight-hour days a year. 5. Has never owned a new car.

Royal Arch Masons. Stated convocation of Crater Lake Chapter, No. 32, on Tuesday evening, October 19th at 7:30 p. m. Visitors welcome. FRED A. PURDIN, H. P. O. D. FRAZEE, Secretary. Use Mail Tribune want ads.

Advertisement for MANN'S clothing featuring a woman in a coat and hat, with text: YOUR ATTENTION PLEASE... Mr. Ben Jacobson of the Rothmoor Co. is now in our Ready-to-Wear Dept. with a complete line of famous Rothmoor Coats and Suits for Winter 1937-38. See these beautiful garments tomorrow. Make your selections in private. EXCLUSIVE AT MANN'S... MANN'S

Large advertisement for UNION DOUBLE-DISTILLED BURNER OILS. Features a large illustration of a burner oil can and a woman's face. Text includes: NEW DOUBLE-DISTILLED! NO SMOKE! NO COKE! NO ASH! Union Burner Oils Now Doubly-Refined for Cleaner, More Economical Heat! Union's new double-distillation process produces burner oils entirely free from non-combustible materials that cause smoke, coke, and ash. They give you more per heating dollar because they burn without waste—deliver the maximum in heat value. They flow more freely at sub-zero temperatures. Are safer to use because they have a higher flash point. Always uniform in quality, Union Burner Oils are clean—free from water, dirt, or sediment. That means they can't cause clogging. They are carefully handled and transported...clean when they go into your tank. Order Union Burner Oil today! Enjoy all the comfort your oil burner was designed to give. UNION Burner OILS. ORDER FROM ONE OF THESE DISTRIBUTORS TODAY. Petroleum Heat & Burner Co. 126 East Main St. Phone 1184. Union Oil Company Crater Lake Junction Phone 160.

Advertisement for United States National Bank. Text: AN OREGON BANK SERVING OREGON. YOU KEEP A RECORD WHEN YOU PAY BY CHECK. Checking accounts provide a safe and convenient method of paying bills. Your cancelled check is the only receipt you need. Then too, you always have a rigid control over your expenditures from day to day. You can do practically all of your ordinary bookkeeping on the stubs of your check book. You will find a checking account at the U. S. National an accurate and systematic means of maintaining a balanced budget in either household or personal affairs. Resources 125 Millions. GEO. T. FREY, Manager. DWIGHT L. HOUGHTON, Ass. Mgr. Medford Branch of the United States National Bank. with DYNAFASH Engine and TORQUE-FREE SPRINGING!

Advertisement for Buick cars. Text: "Better buy Buick!" with DYNAFASH Engine and TORQUE-FREE SPRINGING! Illustration of a Buick car.