

ENGINEERING SOCIETIES

A. R. A.

Another cycle has whirled past in the life of the Armour Radio Association; one that has proven successful both in the lecture room and in that enormous field, which some are prone to label ether waves. Besides both of these institutions, a new feature has been added; that of conducting inspection trips to the broadcasting stations of the city. This new "wrinkle" has proven quite popular and interesting to the members of the association and indeed suggests a large field to be developed in the life of the organization. Perhaps, these trips may be extended beyond the broadcasting station and into the large manufacturing establishments which offer many educational possibilities.

Among the celebrated lecturers that we have enjoyed hearing this year, have been three or four of our alumni who are now prominent in Radio activities. Mr. Harper was first to speak and gave an insight on what he calls "Canned Coils"; Mr. Marco talked upon the subject of "Radio Frequency Amplification"; and Mr. Stryker of the Fansteel Products, who is not only an alumnus, but also a former member of our faculty, spoke about "Rectifiers and 'B' Battery Eliminators." Mr. Hagen and our own Professor Wilcox also favored us with interesting lectures; for which we are very grateful.

9NV, the voice of the Armour Institute on the Ether Lanes, has advanced by leaps and bounds, so to speak, into prominence as a first class pioneer 40 meter relay station. The A. R. R. L. rewarded the efforts of the operators by an Official Relay Station Certificate.

Mr. Lawrence Pfeiler was elected chief operator and has done his best to have 9NV heard on Mars, since all earthly records have been attained. This statement may seem nonsensical; but if one delves into the "Calls Heard" section of Q. S. T., he will find that 9NV has been heard in Australia, New Zealand, Hawaii, Argentine, Brazil, Spain, Italy, Holland, England, France, Canada, and all districts of the United States.

The transmitting apparatus now in service at the station is comprised of two one-quarter kilowatt tubes, operating in parallel with an input of 1200 watts, in a Coupled Hartley circuit. During the maiden year, that is 1925, 557 messages were handled. At present, the "gang" consists of twelve operators who don't care if they sacrifice a little sleep just as long as 9NV can keep on the air.

The officers and the "gang" cordially invite the faculty and student body to visit the station at any time during the day. Here there is always somebody to show visitors about and answer all the questions anyone wishes to ask. Also, if there is anyone in the Institute that has a message for any part of the world and wishes to send it via radio, all he has to do is deposit it in the station or give it to one of the members of the organization, and we will be glad to forward it free of charge.