

later date after stripping away the sheeting. I do not see any object in trying to get a high-quality film or print right in the field when water is at a premium. It is probable also that the concentration of fixing bath in the wash water would be greater than 1 per cent. Have tests been made with more concentrated solutions?

DR. GREGOR: The units which we have developed for the Signal Corps are not designed to be regenerated under field conditions, but employ replaceable cartridge units which are used once and then sent back to a base area for regeneration. Since one quart of resin must be transported instead of 200 quarts of water, this constitutes a satisfactory solution to the logistical problem. We have been able to regenerate these units and recover the silver readily. However, this procedure applies best to commercial uses and to operations that can be carried out at a base area rather than to front-line conditions.

I do not know why the Signal Corps specifies washing of the prints rather than the process you describe. We have carried out our work within the frame of reference of the Service specifications.

In regard to the presence of fixing chemicals in the wash water, this was less than 0.001 per cent. The process was efficient to the extent that the purity of the wash water was greater than that of distilled water. As a consequence, the problem of delineating the upper limit of the amounts of fixing chemicals which can remain in the wash water, did not arise.

Meetings of Other Societies

August—

Institute of Radio Engineers West
Coast Convention

August 30 through September 2
San Francisco, California

September—

Illuminating Engineering Society
National Technical Conference
National Electronics Conference

September 19 through September 23
French Lick, Indiana
September 26 through September 28
Chicago, Illinois

October—

Photographic Society of America
Convention
Optical Society of America
Annual Meeting

October 19 through October 22
St. Louis, Missouri
October 27 through October 29
Buffalo, New York

October-November—

Radio Fall Meeting
Joint IRE-RMA

October 31 through November 1
Syracuse, New York

March, 1950—

Institute of Radio Engineers
National Convention
Optical Society of America
Winter Meeting

March 6 through March 9
New York, New York
March 9 through March 11
New York, New York