1. Enclosed charts show the field of vision of the right eye in air and total vision underwater of various diving tanks. The underwater vision chart was computed from the other. Computations have not been checked.

2. The vision chart for the right eye was obtained by instrumentation using a light source in the right eye of a model evacuee head. The head was reported mounted with the point of view between the eyes being opposite to the center of the chart. The unaided normal vision indicates the eye is able to see at an angle greater than 90°. If a flat lens were placed very near to the eye the unaided curve would theoretically be limited to 90°. This correction has been accomplished prior to computing the theoretical limit obtained.

Work is under way to modify and improve the vision of the DOD and U.S. Navy tanks furnished 1951 for tests.

2 Incl.
1. Army Chemical Center Vision Chart
2. Calculated Limit of Vision

Copy furnished 1951