

a view to determining which ones concentrate on developing subsystems in-house rather than depend upon industry. Both the Navy and the Army have some in-house development programs, particularly in the areas of fuzes, projectiles and tactical missiles, while in the Air Force, because of its different management philosophy, in-house development activities are kept at a minimum.

The next step would be to match existing development capabilities to a warfare area of real military interest. An example of a suitable weapon center for the Navy would be an ASW-Surface Systems Development Center which would cover the spectrum of systems analysis and concepts, research, engineering development, prototype development, initial procurement and development testing. An action of this type should encourage original contributions to ASW systems by personnel of the in-house laboratories.

In planning future weapon centers, the tremendous competence that has been established in our industrial base must be recognized. Work by Government engineers in the centers should be directed toward areas in which a competence already exists and could logically be extended.

The Task Force concluded that a plan for establishing the first weapon center should be prepared as a priority item. Furthermore, the center should be devoted to some major aspect of the ASW problem because of that area's importance and outstanding in-house engineering capabilities that now exist in the Navy.

6. DIRECTOR OF LABORATORIES

In addition to the weapon-center approach, there will always be a need for laboratories organized on a technical-discipline basis. It is important that these laboratories are represented at a high policy-making level to ensure that individual laboratory programs are based upon an understanding of important military needs.

Only four years ago, the Air Force examined its many laboratories and decided to group its resources in eight technical organizations. In addition, a systems engineering group was created to do systems engineering and to provide technical direction for aeronautical systems. The laboratories were given division status (Research and Technology Division—RTD) under Major General Marvin C. Demler, reporting to the Commander, Air Force Systems Command (AFSC).