



Partnership Opportunities with Naval Labs

AT A GLANCE

WHAT IS IT?

Navy Technology Transfer (T2) is the business of transferring technology, originally developed by Navy laboratories, to other government organizations, laboratories, or commercial enterprises. The Navy T2 Program capitalizes on Naval R&D investments by promoting the use and commercialization of Navy/Marine Corps developed intellectual property in order to stimulate the U.S. industrial base; reduce risk and life cycle cost; eliminate duplicative investments; and provide a capability to the warfighter.

HOW DOES IT WORK?

Businesses, universities, organizations, or individuals can partner with Navy laboratories through Cooperative Research and Development Agreements (CRADA) and patent licensing agreements (PLA). CRADAs encourage partnerships to resolve technological and industrial problems in the pursuit of a capability. A PLA is a contract between a licensor (patent owner) and a licensee (industry partner) to exercise one or more of the patent rights that belong to the licensor.

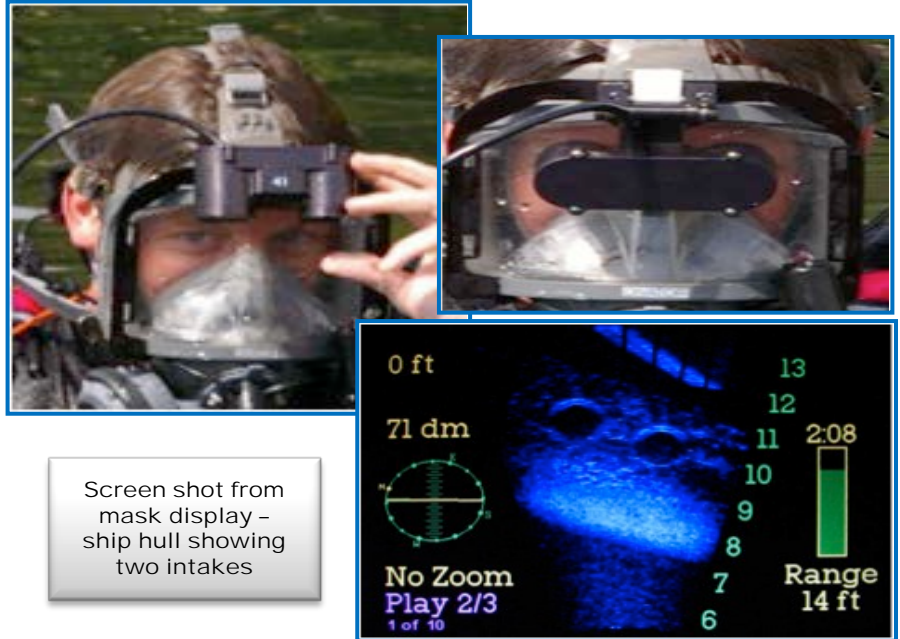
WHAT WILL IT ACCOMPLISH?

The cost of conducting R&D can be reduced for entities that license inventions jointly or solely owned by the government. CRADAs address known Navy requirements and can be used to identify and facilitate the development of promising technologies. Navy T2 provides the ability to link Navy R&D resources, personnel, facilities, and test equipment with academia and industry.

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Flip-Up/Flip-Down Diver Mask-Mounted Display System



Screen shot from
mask display –
ship hull showing
two intakes

The Department of the Navy Technology Transfer Program provides Naval research and technology a transition path from the lab to industry. The Naval Surface Warfare Center, Panama City Division (NSWC PCD) negotiated a technology partnership via a CRADA, and partially exclusive PLA with Sound Metrics Corporation, based in Lake Forest Park, Washington, for the Advanced Diver's Mask-Mounted Display System (ADMMDS).

The ADMMDS enhances the viewing area for divers working in dark murky waters to effectively survey and assess their surroundings. The transformational flip-up, flip-down device is like an "underwater night vision" system that allows divers to see what they are doing, whether they are looking for mines, scanning for intruders, inspecting ship hulls, recovering a body, searching for evidence, or studying fish behavior. The unique design of the ADMMDS has several benefits including:

- 800 x 600 super video graphics array screen
- Color balanced and contrast-matched organic light-emitting diode
- Withstands use at depths of 300 feet
- Multi-element lenses provide extended eye-relief

