

33 A new Immersible thermal manikin

E. A. Smallhorn, Nova Scotia Research Foundation Corporation, Dartmouth, Nova Scotia, Canada

The Nova Scotia Research Foundation Corporation, under contract to the Cord Group Ltd. of Dartmouth, Nova Scotia, has developed an immersible thermal manikin test system for use in the contract testing of thermal protective clothing. The clothing can be anything from diving and survival suits to basic outdoor wear. The system is computer based and so can complete tests and produce ready-to-read reports in a minimum of time. A basic description of hardware and software is presented, along with a discussion of some operational experience with the system.