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CHIROLOGY PROGRAM POLICY STATEMENT

The prime mission of the Chirology program has been defined as the underwater interdiction (emplacement and/or retrieval of payloads) of ships in motion or at rest at sea or in certain harbor situations. The ships referred to here can be considered as merchant ships as well as naval ships. Payloads for attachment or retireval are not connected with a destructive attack on the ship. The fundamental series of technological problems which this program is designed to investigate and demonstrate feasibility of are:

a. Long range remote electronic navigation and guidance of the porpoise. This includes the type of guidance system that best matches the man-animal interface.

b. The terminal guidance involving the animals' ability to be trained to target recognition of specific ship components or surfaces in an open loop fashion.

c. The specific elements involved with the payload package physical characteristics such as volume, weight, configuration, etc., and the attachment techniques required so that the animal can accomplish emplacement or retrieval.

d. Return of the animal to the launch or recovery point and support required in an open sea environment.

Methods of attachment and detachment, and specific parts of the ship to which the payloads are to be delivered should be considered in detail making use of an in depth study of the local properties and attributes of ship structure and configuration. It is understood that payloads to be retrieved should include items which are not necessarily emplaced by the porpoise.

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The above statements of policy and guidance have been discussed and agreed to by the members of the Chirology Steering Panel on 22 April 1968 in Room 3E 189, The Pentagon. Agreement is signified by the following signatures of the panel members:

[redacted]

Stephen Aldrich, MD — For CIA

Richard S. Cesaro — for ARPA

Everett Grienke — for DDR&E

Harris B. Stone — for Navy

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