

library

R1/10

IN CONFIDENCE - NOT TO QUOTED WITHOUT REFERENCE TO LABORATORY

FRV 'GOLDSEEKER'

4GR81

CRUISE 1/81

13-24 April 1981

OBJECTIVE

Development trials of an underwater television carrying vehicle.

'Goldseeker' loaded as planned and arrived at Fort Augustus PM on Tuesday 14 April. The trials were carried out in Loch Ness without interruption, until PM on the 23 April when she sailed for Glachnaharry where offloading was completed early on Friday 24 April.

RESULT

Only the two major components within the trials need mention in this report.

1. The new 32mm diameter tow/service cable proved operable. The performance of the system was reduced, but only marginally, whilst the benefits to be obtained by the use of such a cable from a winch, would more than compensate.
2. New six inch diameter rotors were also tried and the resulting observations would suggest an improved performance for the vehicle of no less than 30%.

The relevant data will be the subject of a much fuller internal report.

R PRIESTLEY
13 May 1981

Seen in draft: W B REID