

PROVISIONAL CRUISE REPORT

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VESSEL: M.L. Flying Eagle plus I.O.S. launch Sand Pebbler.

OWNER: Mr. J. Paul, Taunton.

CRUISE PERIOD: 11th - 16th July 1981.

LOCATION: Skerries Bank, Start Bay, South Devon.

PERSONNEL: A.P. Salkield, G.N. Crisp, D.N. Langhorne, B.M. Norman, E.J. Moore, D.H. Joyce, P.M. Hooper, J.A. Crabb, D.J. Corns, A.J. Marks.

OBJECTIVE: To release the spar buoy just prior to the aircraft from a predetermined launch point. To set up radar reflectors as reference points for the radar system. If possible perform side scan and echo sounding survey at predetermined sites.

PROCEDURE: Install radar reflectors on Slapton and Beesands leys and survey their positions. Set up recording stations at Start Point and Strete. Release the spar buoy on the ebb tide on notification of the aircrafts E.T.A.. Monitor the buoys progress during the run. Recover buoy and reconfigure equipment for the survey.

EQUIPMENT PERFORMANCE: Shore sites, radar reflectors, echo sounder, side scan sonar (not used) satisfactory. Trisponder equipment satisfactory for the buoy run, but borrowed master unit found to be incorrectly coded which held up the survey until the I.O.S. unit could be recoded to compensate. Buoy equipment appears satisfactory (prior to analysis). Faulty plug caused wave staff and echo sounder battery to become discharged, repairs were effected before the aircraft pass.

The aircraft was delayed by two days due to technical problems.

RESULTS: Position data, buoy data, and aircraft data appear satisfactory prior to detailed checks and analysis. Limited but useful echo sounding lines obtained.

ITINERARY:

11/7/81 1400 BST A.P.S., E.J.M., P.M.H., D.H.J., A.J.M.,
B.M.N., G.N.C. to Dartmouth with buoy
and Sand Pebbler.

12/7/81 0800 BST A.P.S., G.N.C., A.J.M. assemble buoy.
E.J.M., P.M.H., B.M.N., D.H.J. to lay
radar reflectors at Slapton Ley.

1500 BST A.P.S., G.N.C., A.J.M. to assist with
radar reflectors.
E.J.M., B.M.N. driven to Salcombe by
P.M.H. to collect Flying Eagle.

1630 BST A.P.S., G.N.C., A.J.M., D.H.J. to Beesands
Ley to lay radar reflector.

1700 BST Flying Eagle (E.J.M, B.M.N.) lays marker
on the spar buoy launch point.
P.M.H. returns to Beesands.

13/7/81 0800 BST Launch buoy and complete assembly and
testing on the navy pontoon.
D.N.L., J.A.C. to Dartmouth.

1430 BST Provisional ballasting and sea checks off
Mew Stone with Sand Pebbler.

1730 BST Buoy brought to horizontal position in
order to moor up to Navy water barges
over night.

14/7/81 0800 BST Aircraft delayed. Box survey to be
attempted.

0900 BST P.M.H. driven to Taunton by D.H.J.

1000 BST E.J.M., B.M.N., D.N.L., A.J.M. on Flying
Eagle. A.P.S., G.N.C., J.A.C. to man shore
stations.

1600 BST D.H.J. and D.J.C. to Dartmouth.

15/7/81 0500 BST E.J.M., B.M.N., D.H.J., A.J.M., D.J.C.
tow out buoy to site with Flying Eagle
and Sand Pebbler.
A.P.S., G.N.C., J.A.C., D.N.L. to man shore
stations.

0830 BST Flight cancelled return buoy to Dartmouth.

0900 BST G.N.C., J.A.C. check radar reflector sites.

1200 BST A.P.S., D.H.J., A.J.M. recharge buoy
battery.

1230 BST B.M.N. to Taunton to pick up replacement
plug.

1700 BST B.M.N. return to Dartmouth. Refit new plug
to buoy.

Moor up on "Devonian's" berth.

16/7/81 0530 BST E.J.M., B.M.N., D.H.J., D.J.C., A.J.M. tow
out buoy with Flying Eagle.

A.P.S., G.N.C., J.A.C., D.N.L. to man
shore stations.

1232 BST Release buoy and monitor progress.

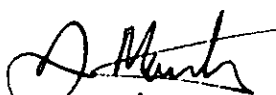

1345 BST Recover buoy and return to Dartmouth.

1700 BST E.J.M., B.M.N. return Flying Eagle to
Salcombe. G.N.C. to Salcombe to pick
up E.J.M. and B.M.N., D.N.L., J.A.C. to
recover shore site equipment. A.P.S.,
D.H.J., A.J.M. load equipment and return
to Taunton.

REPORT PREPARED BY:

APPROVED BY:

DATE:

A. J. MARKS

A. P. SALKIELD

31 JULY 1981

14.8.81.