

PROJECT 10073 RECORD CARD

1. DATE 4 Feb 58		2. LOCATION Ohio River, Indiana area		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical	
3. DATE-TIME GROUP Local _____ GMT _____ NA		4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No Phys Spec.		6. SOURCE Civilian (2)			
7. LENGTH OF OBSERVATION NA		8. NUMBER OF OBJECTS one		9. COURSE NA	
10. BRIEF SUMMARY OF SIGHTING A rnd obj, half plastic & half fibre, was picked up along the Ohio River in Indiana by 2 hunters. It eventually got to the OSI, who turned it into ATIC for analysis.				11. COMMENTS The device was found to be a magnetometer for remote measurement of the strength of the earth's horizontal magnetic field.	

Device Picked Up on Ohio River in Indiana

Comdr, 5th District,
OSI

AFCIN-4E4

4 Feb 58

1. The device is a magnetometer for remote measurement of the strength of the earth's magnetic field. The sensing element being supported by a pendulum mounting shows that it measures the strength of the horizontal component of the earth's magnetic field.

2. It was probably carried to a high altitude by a balloon and then transmitted field strength measurements by telemetry to a ground station.

G. T. GREGORY
Capt, USAF
AFCIN-4E4

Put in case for
The Above item returned to
5th District OSI 5 Feb 58, Along
with evaluation

THE DEVICE IS A MAGNETOMETER FOR
REMOTE MEASUREMENT OF THE STRENGTH
OF THE EARTH'S MAGNETIC FIELD.
THE SENSING ELEMENT BEING SUPPORTED
BY A PENDULUS MOUNTING SHOWS
THAT IT MEASURES THE STRENGTH
OF THE HORIZONTAL COMPONENT OF
THE EARTH'S MAGNETIC FIELD.

IT WAS PROBABLY CARRIED TO
A HIGH ALTITUDE BY A BALLOON AND
THEN TRANSMITTED FIELD STRENGTH
MEASUREMENTS BY TELEMETRY TO A
GROUND STATION.

WHITE

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