

NMR MONUMENT REPORT

Unique Identifier: 1308496

NMR Number: TQ 89 NW 27

Location

Bushy Hill
South Woodham Ferrers (Civil Parish)
Chelmsford (District)
Essex

OSGB Grid Reference TQ 813 986 (centre / point)

Summary

1950s Marconi radar test site, sites remains in operation.

Status

Other Identifiers

Notes

TL 813 986. Bushy Hill a radar Research station, was acquired about 1954 when Marconi's required a site to develop L-band (23cm wavelength) radar for the RAF incorporating a clutter rejection system, after the existing site at Bedell's End (TL 60 NE 54) proved to be too good topographically to test the equipment. By 1955 the Marconi Wireless Telegraph Company had also received a government development contract for a passive detection system known as Winkle and in conjunction with the government establishment at Malvern, Worcestershire, had developed an operational system by the end of 1962. The principal ground equipment at Bushy Hill for this work was a high speed receiving aerial. In the mid-1960s Bushy Hill became the main demonstration site for Marconi's S600 series radar, a modular system which could be fitted together to meet a client's needs.

The site is approached from the north along a concrete road. The principal features of the site comprise two single storey buildings, four steel lattice radio masts, two steel framed radar gantries, a tubular steel radar mast and a number of temporary timber huts and portakabins. The site remains in use as a radar research Station. (1-1a)

Sources

- 1 Wayne D Cocroft/14-MAR-2000/EH: Cold War Project
- 1A Gough J 1993 Watching the Skies HMSO 125-6, 168, 253-4.

Related Events and Archives

Any event and or archive records linked to this monument are outlined below. For further details please contact the NMR (see covering letter) quoting the Unique Identifier and NMR Number of this monument record and the identifying numbers and titles of items of interest.

Related Event Records

1084334	RCHME: Cold War Project	Multidisciplinary Project	01 Jun 1997 -
1227905	EH: CHELMSFORD RADIO ELECTRONICS INDUSTRY	Multidisciplinary Project	01 Nov 1998 - 01 Jul 1999

Related Archive

File Number

BF109318 Buildings of the Radio Electronics Industry in Chelmsford and Essex