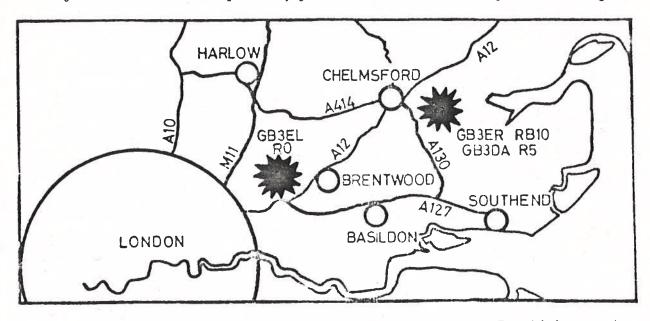
ESSEX REPEATER GROUP

The Essex Repeater Group was formed in 1975, for the purpose of building and running a UHF repeater, to be located near Chelmsford. More recently, interest has extended to VHF with the commissioning of the East London repeater, call-sign GB3EL, and GB3DA at Danbury.

Getting repeaters on the air, and keeping them running, requires a combination of skills ranging from logic and RF circuitry design/construction, to metal-work and aerial rigging. If you are interested in building and running 'boxes', or if you use the Essex repeaters, you are most welcome to join the Group.



- GB3ER The first repeater to be built by the group was GB3ER, which operates on UHF channel RB10 (434.850 MHz input, 433.250 MHz output). The machine is located at Danbury, 7 km east of Chelmsford. Its wide coverage includes much of Essex.
- GB3EL This repeater is located at Havering, and is one of four VHF repeaters in the London area, all of which came into operation in December 1979. It operates on VHF channel RO (145.000 MHz input, 145.600 MHz output), and is intended to serve East London and parts of Essex. Coverage to the east however is somewhat restricted by high ground.
- GB3DA This VHF repeater is co-sited with GB3ER at Danbury, and operates on channel R5 (145.125 MHz input, 145.725 MHz output); it came into operation on 2nd October 1980. The control circuitry is of special interest: all access-logic, callsigns etc. are driven by an 8048 microprocessor. GB3DA's coverage (to mobiles) extends as far as North Kent, Brentwood, Harlow and Colchester.

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The membership	subscription :	is currently	£2. Cheque	s payable	to Essex Repeater	Group.
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Essex Repeater Group, c/o 107 London Road, Rayleigh, Essex.