

Note: propagation commentaries for the 28 MHz UK sections have been scaled down in an attempt to catch up with data compilation and report publication.

Analysis of 28 MHz reports from the UK

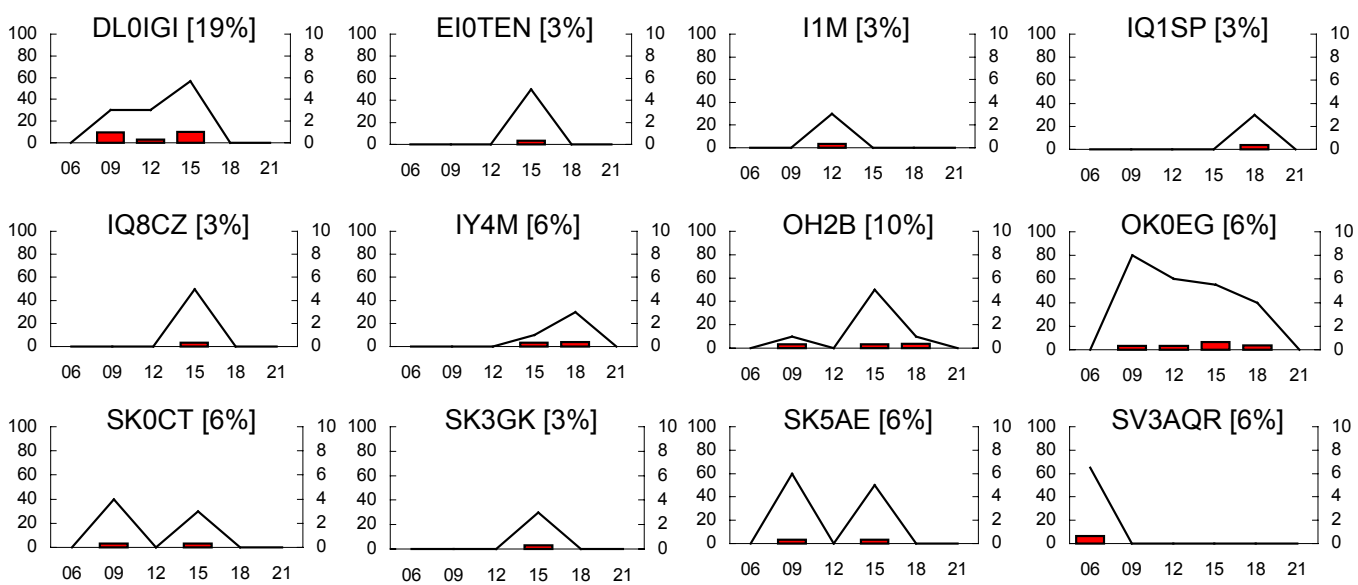
28 MHz reports and logs for January 2006 from G2AHU, G3IMW, G3USF, G3YBT, G4JCC, G4UPS, G0AEV, G0IHF and packet cluster reports. Compilation and commentary by G0AEV.

Both F2 and Es propagation were evident during January. Openings were slightly less frequent than in December.

Beacon graphs legend

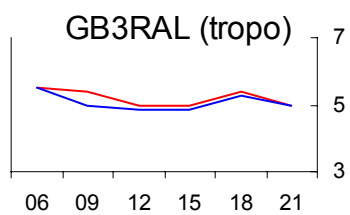
Legend for all beacon graphs in this Section: - graph bars (left Y-axis): beacon reliability as the percentage of days a beacon was heard by any UK observer within each time band. Graph lines (right Y-axis): Signal Strength as the average of the daily maximum Signal reported by any observer in each time band. Time band codes (X-axis): 6=0600-0900, 9=0900-1200, 12=1200-1500, etc. Callsigns are followed by daily reliability figures, the percentage of days per month when the beacon was reported.

European Propagation / Beacons



Propagation modes for European beacons.

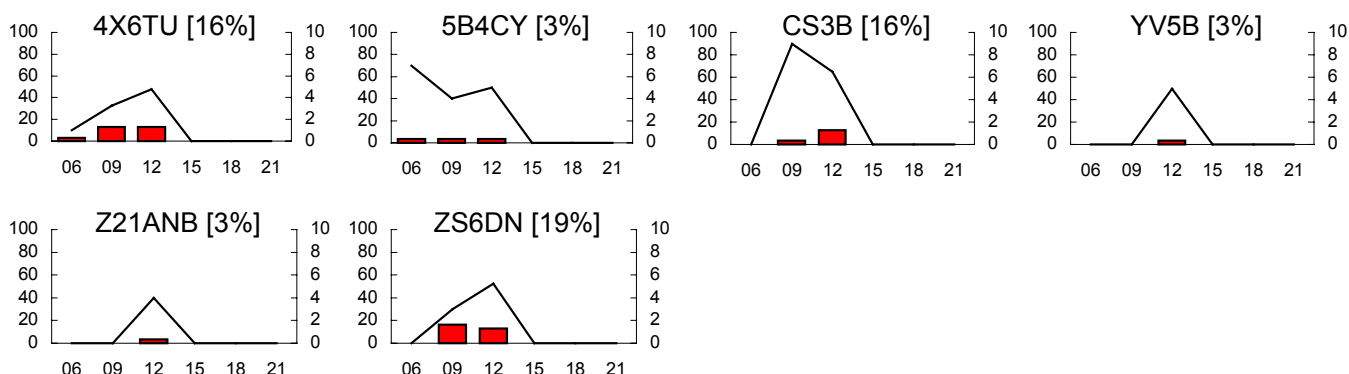
All the beacon monitoring results graphed above are due to Sporadic E with the exception of those for SV3AQR (via F2).



The graph opposite show the results of monitoring of the GB3RAL beacons on 28.215 (lower blue line) and on 28.191 (upper red line). The new beacon on 28.191 appears, on average, to have the stronger signal. Dawn and dusk enhancements are apparent on both beacons this month.

Propagation to Asia, Africa, Oceania, South and Central America

Beacon Graphs.



Beacon Notes.

LU4AA is QRT and OA4B is believed to be off air - all other NCDXF beacons within current propagation range on 10m are active.

Suggested propagation modes

All beacons were heard by "normal" F2 propagation. There was no direct evidence of "TEP", though this could be expected on paths to southern Africa.

10m DX in January 2006

The following list of DX countries worked or heard in the UK comes from packet cluster Spots (DX Summit: <http://oh2aq.kolumbus.com/dxs/>)

DX in January 2006: 4X, 5B, EA8, LU, T5, V2, VK(8), ZS.

DX in December 2005 for comparison: 3DA0, 4X, 5B, 5U, 6W, 7X, CX, EA8, EA9, EK, FR, FY, LU, PY, PZ, ST, TA, UA9, VK(6,8), W, YV, Z2, ZC, ZD8, ZS (includes 10m ARRL contest)

DX in January 2005 for comparison: 4L, 5B, 8P, 9G, 9J, A6, CX, EA9, FR, HZ, KP4, LU, PY, UA9, UN, VE, VK5, VQ, VU - not much different to December 2005 but much more than January 2006.

Propagation to North America

No North American beacons were reported this month