

COMBINED RESULTS  
EUROPE

For overall statistics, please see the covering email.

Reporters:

|     |    |   |
|-----|----|---|
| CZE | my | Milos Holy, Lhota pod Radcem                    |
| CZE | ze | Zdenek Elias, Jablonec nad Nisou, N. Bohemia    |
| DEU | bd | Bernhard Hein, Dessau-Roßlau                    |
| DEU | hw | Hartmut Wolff, Near Wolfsburg                   |
| DEU | je | Joachim Rabe, Norderstedt, north of Hamburg     |
| ENG | bk | Brian Keyte, Bookham, Surrey                    |
| ENG | hh | Brian Heath, Stapleton, Leicestershire          |
| ENG | i8 | Lorraine Kulbacka (ON), via KiwiSDR near Yeovil |
| ENG | me | Mike Thayne, Whitley Bay                        |
| ENG | pt | John Pitty, Horsham, West Sussex                |
| ENG | px | Peter Greatorex, Bolsover, Derbyshire           |
| ENG | yk | Dave Robson, York                               |
| FRA | pn | Dryden Phillipson, Neffies                      |
| HOL | rb | Roelof Bakker, Middelburg, Zealand              |
| ITA | wb | William G Buchanan, Alessandria                 |
| NOR | gl | Geir Laastad, Svelvik                           |
| SCT | ds | David Atkins, Tighnabruaich, Argyll             |

For full details, please see the individual reporters' logs,  
as previously posted by them to the List.  
If you spot an omission or problem in your own details below  
please let me know  
( ndbcle'at'gmail.com - replace the 'at' by an @ symbol )

Beacons Heard

Beacons are shown in kHz order within each country

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.  
(e.g. 01 indicates logged between 01:00-01:59 UTC).

| Cou, S/P | QRG   | ID  | Name                  | CZE my | CZE ze | DEU bd | DEU hw | DEU je | ENG bk | ENG hh | ENG i8 | ENG me | ENG pt | ENG px | ENG yk | FRA pn | HOL rb | ITA wb | NOR gl | SCT ds |
|----------|-------|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| AUT      | 320.0 | RUM | Rum                   | 20     | 19     |        | 20     |        |        |        |        |        |        |        |        |        | 02     | 18     |        |        |
| AUT      | 327.0 | LNZ | Linz / Horsching      | 12     | 20     | 20     | 20     | 19     |        | 19     |        | 00     | 22     |        | 23     | 20     | 02     | 19     |        | 19     |
| BEL      | 323.0 | ONC | Charleroi / Gosselies | 02     | 01     |        | 23     | 02     | 11     | 13     |        | 00     | 15     |        |        |        | 10     |        |        |        |
| BUL      | 321.0 | BU  | Burgas                | 00     | 01     |        | 00     |        |        |        |        |        |        |        |        |        |        |        |        |        |
| COR      | 325.0 | FA  | Figari / Sud Corse    |        | 20     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| DEU      | 320.0 | HA  | Hannover / East       | 02     | 19     | 18     | 20     | 19     |        | 21     |        | 00     |        |        | 00     |        | 19     |        |        | 19     |
| DEU      | 321.0 | GL  | Berlin / Tegel / East | 12     | 20     | 18     | 20     | 20     |        | 00     |        | 01     |        |        | 00     |        |        |        |        |        |
| DEU      | 323.0 | GT  | Hamburg / North       | 00     | 01     |        | 20     | 19     |        |        |        | 00     |        |        |        |        | 23     |        |        | 00     |
| DEU      | 327.0 | LV  | Koln / Bonn           | 01     | 20     |        | 00     | 00     |        |        |        |        |        |        |        |        | 01     |        |        |        |
| DEU      | 330.0 | ABU | Altenburg / Nobitz    | 20     | 20     | 18     | 20     | 23     |        |        |        | 01     |        |        |        |        | 23     |        |        |        |
| DEU      | 330.0 | HC  | Heringsdorf           |        | 01     |        | 20     | 03     |        |        |        |        |        |        |        |        |        |        |        |        |
| DEU      | 333.0 | PI  | Schwerin / Parchim    | 01     | 20     | 18     | 00     | 18     |        |        |        |        |        |        |        |        |        |        |        | 01     |
| DNK      | 321.0 | VO  | Vojens / Skrydstrup   | 00     | 01     |        | 20     | 18     | 11     | 13     |        | 03     |        |        | 00     |        | 10     |        |        |        |
| DNK      | 328.0 | VJ  | Stauning              | 01     | 02     |        | 00     | 01     | 10     | 13     |        | 00     |        |        | 23     |        | 10     |        |        |        |
| DNK      | 330.0 | SB  | Sonderborg            | 01     |        |        | 20     | 18     |        |        |        | 00     |        |        |        |        | 10     |        |        | 01     |



|          |           |                                   |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|----------|-----------|-----------------------------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SVK      | 330.0 OB  | Bratislava / M.R Stefanik / South | 18   | 20     | 00     | 20     | 23     |        | 00     |        | 23     |        |        |        | 23     |        |        | 23     |        |        |
| SVN      | 334.0 MR  | Maribor                           | 20   | 20     | 00     | 00     | 01     |        | 21     |        | 01     |        |        |        | 22     |        |        |        |        |        |
| SWE      | 322.0 OD  | Ornskoldsvik                      |      |        |        |        | 23     |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SWE      | 322.0 OU  | Stockholm / Bromma                | 01   | 01     |        |        | 00     | 00     |        | 00     |        |        |        |        |        |        |        | 22     |        |        |
| SWE      | 324.0 ON  | Norrkoping / Saab                 | 00   | 02     |        |        | 00     | 23     |        | 00     |        |        |        | 23     | 23     |        |        | 23     |        |        |
| SWE      | 325.0 PG  | Trollhattan / Vanersborg          | 01   | 01     | 02     | 20     | 00     |        | 23     |        | 01     |        |        | 00     | 23     |        |        | 23     | 19     |        |
| SWE      | 326.0 KG  | Kramfors / Bjartra                |      |        |        |        | 00     |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SWE      | 327.0 Y   | Sveg                              |      |        |        |        | 23     |        |        |        |        |        |        |        |        |        |        | 23     | 00     |        |
| SWE      | 328.0 DK  | Vilhemina                         |      |        |        |        | 23     |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SWE      | 329.0 VX  | Vaxjo / Kronoberg                 | 01   | 01     | 02     | 20     | 23     |        | 21     |        | 00     |        |        | 01     | 23     |        |        | 23     |        |        |
| SWE      | 329.0 WU  | Umea                              |      |        |        |        | 00     |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SWE      | 330.0 LNA | Lena                              |      |        |        |        | 00     |        |        |        |        |        |        |        |        |        |        |        | 23     |        |
| SWE      | 330.0 SKS | Karlstad                          |      |        |        |        | 00     | 00     |        |        |        | 00     |        |        |        |        |        |        | 23     |        |
| SWE      | 333.0 LE  | Vasteraas / Hasslo                |      |        |        |        | 20     | 00     |        |        |        |        |        |        | 23     |        |        |        | 23     |        |
| UKR      | 334.0 VI  | Verchnie Vysotske                 | 20   | 00     |        |        | 20     |        |        |        |        |        |        |        | 23     |        |        |        |        |        |
| WLS      | 323.0 WPL | Welshpool                         |      |        |        |        |        |        | 11     | 13     | 06     | 00     | 23     | 19     | 22     |        |        | 10     | 19     |        |
| WLS      | 328.0 HAV | Haverfordwest                     |      |        |        |        |        |        |        | 02     | 07     |        |        |        |        |        |        |        |        |        |
| XOE      | 326.0 YW  | Tyra West Platform                |      |        |        |        | 00     | 00     |        |        |        | 01     |        |        | 23     |        |        | 10     | 00     |        |
| XOE      | 333.0 GFC | Statoil Gullfaks C Platform       |      |        |        |        | 23     |        |        |        |        |        |        |        | 00     |        |        |        |        |        |
| Cou, S/P | QRG       | ID                                | Name | CZE my | CZE ze | DEU bd | DEU hw | DEU je | ENG bk | ENG hh | ENG i8 | ENG me | ENG pt | ENG px | ENG yk | FRA pn | HOL rb | ITA wb | NOR gl | SCT ds |

## COUNTRIES HEARD:

This table shows the number of NDBs logged from each radio country by each reporter.

| Cou | Cou-Name            | CZE my | CZE ze | DEU bd | DEU hw | DEU je | ENG bk | ENG hh | ENG i8 | ENG me | ENG pt | ENG px | ENG yk | FRA pn | HOL rb | ITA wb | NOR gl | SCT ds |   |
|-----|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| AUT | Austria             | 2      | 2      | 1      | 2      | 1      |        | 1      |        | 1      | 1      |        | 1      | 1      | 2      | 2      |        | 1      |   |
| BEL | Belgium             | 1      | 1      |        | 1      | 1      | 1      | 1      |        | 1      | 1      |        |        |        | 1      |        |        |        |   |
| BUL | Bulgaria            | 1      | 1      |        | 1      |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| COR | Corsica             |        | 1      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| DEU | Germany             | 6      | 7      | 4      | 7      | 7      |        | 2      |        | 4      |        |        | 2      |        | 4      |        |        | 3      |   |
| DNK | Denmark             | 4      | 3      | 1      | 4      | 4      | 2      | 2      |        | 3      |        |        | 2      |        | 3      |        |        | 1      |   |
| ENG | England             |        |        |        | 2      |        | 8      | 8      | 2      | 4      | 7      | 5      | 4      |        | 5      |        |        | 2      |   |
| ESP | Spain               |        | 2      |        | 1      |        |        |        |        | 2      | 1      |        | 1      | 2      | 2      |        |        | 3      |   |
| FIN | Finland             |        |        |        | 2      |        |        |        |        |        |        |        |        |        | 2      |        |        |        |   |
| FRA | France              | 9      | 10     | 3      | 9      | 3      | 8      | 8      | 2      | 12     | 9      | 1      | 5      | 8      | 12     | 1      |        | 13     |   |
| HNG | Hungary             | 1      | 1      |        | 1      | 1      |        |        |        |        |        |        | 1      |        |        |        |        |        |   |
| HOL | Netherlands         | 1      |        |        | 2      | 3      | 3      | 3      |        | 2      | 2      |        | 2      |        | 3      |        |        | 1      |   |
| HRV | Croatia             | 2      | 3      |        | 3      | 2      |        | 1      |        | 2      |        |        |        | 1      | 2      |        |        |        |   |
| IRL | Ireland             |        |        |        |        |        |        | 1      |        | 1      |        | 1      | 1      |        | 1      |        |        | 2      |   |
| ITA | Italy               | 3      | 6      | 1      | 4      | 3      |        | 1      |        | 3      | 1      |        | 1      | 2      | 4      | 2      |        | 1      |   |
| JSY | Jersey              |        |        |        |        |        | 1      |        | 1      | 1      | 1      |        |        |        | 1      |        |        | 1      |   |
| NIR | Northern Ireland    | 1      |        |        | 1      | 1      | 1      | 1      |        | 1      |        | 1      | 1      |        | 1      |        |        | 1      |   |
| NOR | Norway              |        |        |        | 2      | 1      |        |        |        | 1      |        |        |        |        | 1      |        | 1      |        |   |
| POR | Portugal            | 1      | 1      |        |        | 1      |        | 1      |        | 1      | 1      |        | 1      | 1      | 1      |        |        | 1      |   |
| SAR | Sardinia            | 1      | 1      |        | 1      | 1      |        |        |        | 1      |        |        |        | 1      | 1      |        |        | 1      |   |
| SCT | Scotland            |        |        |        | 1      |        |        | 1      |        | 2      |        |        | 1      |        |        |        |        | 2      |   |
| SRB | Serbia (Yugoslavia) | 1      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| SVK | Slovakia            | 1      | 1      | 1      | 1      | 1      |        | 1      |        | 1      |        |        |        | 1      |        |        | 1      |        |   |
| SVN | Slovenia            | 1      | 1      | 1      | 1      | 1      |        | 1      |        | 1      |        |        |        | 1      |        |        |        |        |   |
| SWE | Sweden              | 4      | 4      | 2      | 12     | 6      |        | 4      |        | 4      |        |        | 3      |        | 4      |        | 8      | 2      |   |
| UKR | Ukraine             | 1      | 1      |        | 1      |        |        |        |        |        |        |        |        |        | 1      |        |        |        |   |
| WLS | Wales               |        |        |        |        |        | 1      | 2      | 2      | 1      | 1      | 1      | 1      |        | 1      |        |        | 1      |   |
| XOE | Int Waters: Europe  |        |        |        | 2      | 1      |        |        |        | 1      |        |        | 1      |        | 2      |        |        |        | 1 |
|     |                     | CZE my | CZE ze | DEU bd | DEU hw | DEU je | ENG bk | ENG hh | ENG i8 | ENG me | ENG pt | ENG px | ENG yk | FRA pn | HOL rb | ITA wb | NOR gl | SCT ds |   |

|     |          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Cou | Cou-Name | my | ze | bd | hw | je | bk | hh | i8 | me | pt | px | yk | pn | rb | wb | gl | ds |
|-----|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

**LISTENING TIMES:**

This table shows the number of NDBs logged by each reporter during the time periods.

| UTC (hh)      | CZE<br>my | CZE<br>ze | DEU<br>bd | DEU<br>hw | DEU<br>je | ENG<br>bk | ENG<br>hh | ENG<br>i8 | ENG<br>me | ENG<br>pt | ENG<br>px | ENG<br>yk | FRA<br>pn | HOL<br>rb | ITA<br>wb | NOR<br>gl | SCT<br>ds |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 00:00 - 00:59 | 6         | 1         | 2         | 20        | 10        |           | 6         |           | 18        |           |           | 10        |           | 3         |           |           | 8         |
| 01:00 - 01:59 | 13        | 14        |           | 6         | 5         |           |           |           | 8         |           |           | 6         | 8         | 1         |           |           | 5         |
| 02:00 - 02:59 | 11        | 11        | 3         | 3         | 5         |           | 2         |           | 2         |           |           |           | 2         | 11        |           |           |           |
| 03:00 - 03:59 |           | 1         |           |           | 2         |           |           |           | 1         |           |           |           |           |           |           |           |           |
| 04:00 - 04:59 |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 05:00 - 05:59 |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 06:00 - 06:59 |           |           |           |           |           |           |           | 4         |           |           |           |           |           |           |           |           |           |
| 07:00 - 07:59 |           |           |           |           |           |           |           | 3         |           |           |           |           |           |           |           |           |           |
| 08:00 - 08:59 |           |           |           |           |           |           |           |           |           |           |           |           | 2         |           |           |           |           |
| 09:00 - 09:59 |           |           |           |           |           |           |           |           |           |           |           |           |           | 22        | 3         |           |           |
| 10:00 - 10:59 |           |           |           |           |           | 1         |           |           |           |           |           |           |           |           |           |           |           |
| 11:00 - 11:59 |           |           |           |           |           | 24        |           |           |           |           |           |           | 2         |           |           |           |           |
| 12:00 - 12:59 | 2         |           |           |           |           |           |           |           |           |           | 1         |           |           |           |           |           |           |
| 13:00 - 13:59 |           |           |           |           |           |           | 17        |           |           |           |           |           | 1         |           |           |           | 4         |
| 14:00 - 14:59 |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 15:00 - 15:59 |           |           |           |           |           |           |           |           | 7         | 12        |           |           |           |           |           |           |           |
| 16:00 - 16:59 |           |           |           |           |           |           |           |           |           | 1         |           |           |           |           |           |           |           |
| 17:00 - 17:59 |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 18:00 - 18:59 | 1         |           | 4         |           | 4         |           |           |           |           |           |           |           |           |           | 1         |           |           |
| 19:00 - 19:59 |           | 4         |           |           | 4         |           | 2         |           |           |           |           | 2         |           | 1         | 1         |           | 9         |
| 20:00 - 20:59 | 8         | 14        | 2         | 22        | 1         |           | 1         |           | 1         |           | 6         |           | 1         |           |           |           | 2         |
| 21:00 - 21:59 |           | 1         |           |           |           |           | 9         |           | 2         | 6         |           |           |           |           |           |           |           |
| 22:00 - 22:59 |           |           |           |           |           |           |           |           | 2         | 4         |           | 3         |           | 3         |           | 1         |           |
| 23:00 - 23:59 |           |           | 3         | 10        | 7         |           | 2         |           | 9         | 2         |           | 9         |           | 15        |           | 9         | 9         |
| UTC (hh)      | CZE<br>my | CZE<br>ze | DEU<br>bd | DEU<br>hw | DEU<br>je | ENG<br>bk | ENG<br>hh | ENG<br>i8 | ENG<br>me | ENG<br>pt | ENG<br>px | ENG<br>yk | FRA<br>pn | HOL<br>rb | ITA<br>wb | NOR<br>gl | SCT<br>ds |
| <b>NDBs</b>   | <b>41</b> | <b>46</b> | <b>14</b> | <b>61</b> | <b>38</b> | <b>25</b> | <b>39</b> | <b>7</b>  | <b>50</b> | <b>25</b> | <b>9</b>  | <b>28</b> | <b>16</b> | <b>56</b> | <b>5</b>  | <b>10</b> | <b>37</b> |

**NDB COUNTS, BY FREQUENCY:**

and the number logged by all on each frequency, ignoring offsets:

| NDBs | QRG   | CZE<br>my | CZE<br>ze | DEU<br>bd | DEU<br>hw | DEU<br>je | ENG<br>bk | ENG<br>hh | ENG<br>i8 | ENG<br>me | ENG<br>pt | ENG<br>px | ENG<br>yk | FRA<br>pn | HOL<br>rb | ITA<br>wb | NOR<br>gl | SCT<br>ds | NDBs |
|------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|
| 6    | 320.0 | 3         | 4         | 2         | 5         | 1         | 1         | 3         |           | 4         | 1         |           | 1         | 1         | 4         | 1         |           | 4         | 6    |
| 6    | 321.0 | 5         | 4         | 1         | 4         | 3         | 2         | 4         | 1         | 3         | 2         | 1         | 4         | 1         | 2         |           |           | 2         | 6    |
| 6    | 322.0 | 2         | 2         | 1         | 4         | 1         | 2         | 4         |           | 3         | 3         |           |           | 1         | 3         | 1         | 1         | 2         | 6    |
| 5    | 323.0 | 3         | 3         | 1         | 3         | 2         | 3         | 2         | 1         | 4         | 2         | 2         | 2         | 1         | 4         |           |           | 3         | 5    |
| 4    | 324.0 | 1         | 2         |           | 3         | 1         |           | 1         |           | 1         |           |           | 1         | 2         |           |           | 2         |           | 4    |
| 5    | 325.0 | 3         | 5         | 1         | 4         | 3         |           | 2         |           | 3         |           |           | 1         | 4         |           |           | 1         | 2         | 5    |
| 5    | 326.0 | 1         | 2         |           | 4         | 3         | 2         | 1         |           | 2         | 1         |           | 3         | 3         |           |           |           | 2         | 5    |
| 7    | 327.0 | 3         | 5         | 1         | 5         | 4         | 2         | 4         | 1         | 3         | 3         | 1         | 3         | 2         | 4         | 1         | 1         | 4         | 7    |
| 7    | 328.0 | 1         | 2         |           | 3         | 1         | 3         | 4         | 1         | 4         | 3         | 1         | 3         | 1         | 3         |           |           | 3         | 7    |
| 1    | 328.5 | 1         |           |           | 1         | 1         | 1         | 1         |           | 1         |           | 1         | 1         |           | 1         |           |           | 1         | 1    |
| 4    | 329.0 | 1         | 1         | 1         | 3         | 2         | 1         | 1         | 1         | 3         | 1         |           | 1         |           | 3         |           | 1         | 1         | 4    |
| 12   | 330.0 | 6         | 6         | 2         | 7         | 7         | 1         | 3         |           | 7         | 1         |           | 1         | 3         | 6         | 1         | 3         | 1         | 12   |
| 5    | 331.0 | 3         | 3         |           | 3         | 3         | 2         | 3         | 1         | 4         | 2         | 1         | 2         | 2         | 3         |           |           | 3         | 5    |

|             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |             |
|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| 5           | 332.0      | 3          | 2          | 2          | 1          | 3          | 3          | 1          | 3          | 3          | 2          | 1          | 5          |            | 3          | 5          |            |            |             |
| 1           | 332.5      |            |            | 1          |            | 1          | 1          |            | 1          | 1          | 1          |            | 1          |            | 1          | 1          |            |            |             |
| 4           | 333.0      | 1          | 1          | 1          | 4          | 2          |            |            |            |            |            |            | 3          |            | 1          | 4          |            |            |             |
| 1           | 333.5      | 1          | 1          | 1          | 1          | 1          |            |            | 1          | 1          |            | 1          | 1          | 1          | 1          | 1          |            |            |             |
| 8           | 334.0      | 3          | 3          | 2          | 4          | 2          | 1          | 2          | 3          | 1          | 1          | 1          | 2          | 4          | 3          | 8          |            |            |             |
| <b>NDBs</b> | <b>QRG</b> | <b>CZE</b> | <b>CZE</b> | <b>DEU</b> | <b>DEU</b> | <b>DEU</b> | <b>ENG</b> | <b>ENG</b> | <b>ENG</b> | <b>ENG</b> | <b>ENG</b> | <b>ENG</b> | <b>ENG</b> | <b>FRA</b> | <b>HOL</b> | <b>ITA</b> | <b>NOR</b> | <b>SCT</b> | <b>NDBs</b> |
|             |            | my         | ze         | bd         | hw         | je         | bk         | hh         | i8         | me         | pt         | px         | yk         | pn         | rb         | wb         | gl         | ds         | NDBs        |

**MOB:**

The following NDBs were heard by one reporter only - 'Mine Only Beacons' !  
(Occasionally an entry may be the result of an incorrectly received ident)

| QRG   | ID  | Name                   | SP | ITU | Rptr | UTC  |
|-------|-----|------------------------|----|-----|------|------|
| 334.0 | KER | Kerry / Farranfore     |    | IRL | ds   | 0102 |
| 322.0 | OD  | Ornskoldsvik           |    | SWE | hw   | 2355 |
| 326.0 | KG  | Kramfors / Bjartra     |    | SWE | hw   | 0010 |
| 328.0 | DK  | Vilhemina              |    | SWE | hw   | 2322 |
| 329.0 | WU  | Umea                   |    | SWE | hw   | 0008 |
| 330.0 | ML  | Kraljevo               |    | SRB | my   | 0142 |
| 330.0 | G   | Gerona / Costa Brava   |    | ESP | pn   | 0825 |
| 334.0 | SAL | Salon De Provence      |    | FRA | pn   | 1315 |
| 324.0 | PTC | Salerno / Pontecagnano |    | ITA | ze   | 0217 |
| 325.0 | FA  | Figari / Sud Corse     |    | COR | ze   | 2006 |

**FREQUENCIES REVISITED - Progress Statistics**

(Please see the explanation below)

THEN  
NOW

CLE216 - 320 - 334,9 kHz - 24.02.2017 - 27.02.2017

CLE232 - 320 - 334,9 kHz - 25.05.2018 - 28.05.2018

| Listener           | Av   | Av   | Total | Total | NDBs |     | Max  | Max  |
|--------------------|------|------|-------|-------|------|-----|------|------|
|                    | km   | km   | km x  | km x  | THEN | NOW | km   | km   |
|                    | THEN | NOW  | 1000  | 1000  | THEN | NOW | THEN | NOW  |
| CZE my             | 962  | 780  | 60    | 32    | 62   | 41  | 2242 | 1946 |
| CZE ze             | 746  | 849  | 29    | 39    | 39   | 46  | 1414 | 2111 |
| DEU hw             | 1091 | 845  | 113   | 52    | 104  | 61  | 4505 | 1687 |
| DEU je             | 934  | 691  | 66    | 26    | 71   | 38  | 4428 | 1960 |
| ENG bk             | 950  | 338  | 63    | 8     | 66   | 25  | 4741 | 784  |
| ENG hh             | 1048 | 702  | 72    | 27    | 69   | 39  | 3728 | 2088 |
| ENG me             | 1136 | 937  | 68    | 47    | 60   | 50  | 3671 | 2290 |
| ENG pt             | 859  | 437  | 52    | 11    | 61   | 25  | 2154 | 1258 |
| ENG px             | 996  | 223  | 59    | 2     | 59   | 9   | 2725 | 459  |
| HOL rb             | 1157 | 775  | 123   | 43    | 106  | 56  | 5544 | 1978 |
| ITA wb             | 574  | 264  | 11    | 1     | 20   | 5   | 1517 | 568  |
| SCT ds             | 1092 | 1036 | 37    | 38    | 34   | 37  | 2637 | 2116 |
| <b>Averages:</b>   | 962  | 656  | 63    | 27    | 63   | 36  | 3276 | 1604 |
| <b>% Increase:</b> |      | -32  |       | -57   |      | -42 |      | -51  |

| Listener           | Av   | Av  | Total | Total | NDBs | NDBs | Max  | Max  |
|--------------------|------|-----|-------|-------|------|------|------|------|
|                    | km   | km  | km x  | km x  |      |      | km   | km   |
|                    | THEN | NOW | 1000  | 1000  | THEN | NOW  | THEN | NOW  |
| DEU bd             |      | 565 |       | 8     |      | 14   |      | 1165 |
| ENG i8             |      | 234 |       | 2     |      | 7    |      | 405  |
| ENG yk             |      | 726 |       | 20    |      | 28   |      | 1747 |
| FRA pn             |      | 451 |       | 7     |      | 16   |      | 1015 |
| NOR gl             |      | 411 |       | 4     |      | 10   |      | 1365 |
| <b>Averages:</b>   |      | 477 |       | 8     |      | 15   |      | 1139 |
| <b>% Increase:</b> |      |     |       |       |      |      |      |      |

Av. km = Average distance from listener to NDB for all their loggings  
Total km = Sum of distances from listener to NDBs for all their loggings  
NDBs = Number of NDBs logged  
Max km = Maximum distance from listener to an NDB logged  
(UNIDs are not included)

Explanation:

We ENJOY Listening Events, but their real value is to encourage us to improve our knowledge of our hobby, our listening techniques, our receivers and aerials, etc. Many of our CLEs re-use the same narrow range of frequencies after a year or so. This can provide each of us with an excellent way of measuring our personal progress by comparing our results THEN with our corresponding results NOW.

The upper table shows statistics for listeners who took part in both the events. The bottom lines compare the general conditions found during the two events.

Each listener's own results also depend, of course, on many other things, such as changes in receivers or aerials, time available for listening, use of recording equipment and maybe a move of QTH, as well as progress made through listening practice.

Comparing the results between individual listeners is not very meaningful - we each have so many unavoidable things that affect our ability to hear NDBs; where we and they happen to be, whether we are in a city or in wide open spaces or by the sea, our spending limit, how long we are able to devote to listening, etc.

CLE232\_Results\_REU.xls  
je - 31.05.2018