## Air Defence Range Manorbier - Missile Noise Data 26 November to 5 December 2012

## As measured at the range boundary

| Missile<br>Number | Time         | Noise Level<br>(L <sub>peak</sub> ,dB) at<br>Monitoring<br>Station | Wind<br>Dir/Speed<br>(Deg/Kts) | Weather   |  |  |  |  |
|-------------------|--------------|--|--------------------------------|-----------|--|--|--|--|
| Mon 26 Nov 12     |              |  |                                |           |  |  |  |  |
| 01                | 09.31        | 95   | N 5-10                         | SUNNY     |  |  |  |  |
| Wed 28 Nov 12     |              |  |                                |           |  |  |  |  |
| 02                | 11.06        | 118.7  | N 5-10                         | SUNNY     |  |  |  |  |
| Thu 29 Nov 12     |              |  |                                |           |  |  |  |  |
| 03                | 10.03        | 124.2  | 0                              | SUNNY     |  |  |  |  |
| 04                | 11.35        | 122.7  | 0                              |           |  |  |  |  |
| 05                | 11.46        | 125  | 0                              |           |  |  |  |  |
| 06                | 12.00        | 125.7  | 0                              |           |  |  |  |  |
| 07                | 12.16        | 125.6  | 0                              |           |  |  |  |  |
| 80                | 13.37        | 77   | 0                              |           |  |  |  |  |
| 09                | 13.51        | 125.4  | 0                              |           |  |  |  |  |
| 10                | 14.15        | 124.8  | 0                              |           |  |  |  |  |
| 11                | 15.31        | 122.1  | 0                              |           |  |  |  |  |
| 12                | 16.04        | 122.3  | 0                              |           |  |  |  |  |
| 13                | 16.15        | 121.7  | 0                              |           |  |  |  |  |
| Fri 30 Nov        | 12           |  |                                |           |  |  |  |  |
| 14                | 10.02        | 121.9  | 0                              | SUNNY     |  |  |  |  |
| 15                | 10.23        | 122.3  | 0                              |           |  |  |  |  |
| 16                | 11.39        | 121.7  | 0                              |           |  |  |  |  |
| 17                | 12.02        | 122  | 0                              |           |  |  |  |  |
| 18                | 12.21        | 121.8  | 0                              |           |  |  |  |  |
| 19                | 13.44        | 120.1  | 0                              |           |  |  |  |  |
| 20                | 14.08        | 121  | 0                              |           |  |  |  |  |
| 21                | 15.40        | 124.8  | 0                              |           |  |  |  |  |
| 22                | 15.43        | 122.7  | 0                              |           |  |  |  |  |
| 23                | 15.48        | 123.6  | 0                              |           |  |  |  |  |
| 24                | 16.12        | 123.3  | 0                              |           |  |  |  |  |
| 25                | 16.16        | 121.2  | 0                              |           |  |  |  |  |
| 26                | 16.28        | 121.1  | 0                              |           |  |  |  |  |
| Mon 3 Dec         | Mon 3 Dec 12 |  |                                |           |  |  |  |  |
| 27                | 09.14        | 123.2  | W 10/15                        | SUN/CLOUD |  |  |  |  |
| 28                | 09.40        | 120.9  | W 10/15                        |           |  |  |  |  |
| 29                | 10.08        | 124.3  | W 10/15                        |           |  |  |  |  |
| 30                | 11.02        | 122.2  | W 10/15                        |           |  |  |  |  |
| 31                | 11.26        | 123  | W 10/15                        |           |  |  |  |  |
| Tue 4 Dec         |              |  |                                |           |  |  |  |  |
| 32                | 09.30        | 115.6  | 280 10/15                      | SUN/CLOUD |  |  |  |  |

| 33     09.33     117.2     280 10/15       34     09.51     117.5     280 10/15       35     09.54     117.5     280 10/15       36     12.00     122.9     280 10/15       37     13.40     122     280 10/15       38     13.41     120.9     280 10/15       39     Misfire     -     280 10/15       40     14.31     120.1     280 10/15       41     14.36     128.7     280 10/15       42     Misfire     -     -       42     Misfire     -     -       42     Misfire     -     -       42     Misfire     -     -       43     09.05     113.4     N 5-10     SUN/CLOUD       44     09.16     115.8     N 5-10     SUN/CLOUD       45     09.32     114     N 5-10     N 5-10       47     10.40     113.3     N 5-10     N 5-10       49     11.08     114.1     N 5-10 <th></th> <th></th> <th></th> <th></th> <th></th> |              |         |       |           |           |  |  |
|--|--------------|---------|-------|-----------|-----------|--|--|
| 35   | 33           | 09.33   | 117.2 | 280 10/15 |           |  |  |
| 36   12.00   122.9   280 10/15     37   13.40   122   280 10/15     38   13.41   120.9   280 10/15     39   Misfire   -   280 10/15     40   14.31   120.1   280 10/15     41   14.36   128.7   280 10/15     42   Misfire   -     Wed 5 Dec 12     43   09.05   113.4   N 5-10   SUN/CLOUD     44   09.16   115.8   N 5-10     45   09.32   114   N 5-10     46   09.52   110.7   N 5-10     47   10.40   113.3   N 5-10     48   10.52   116   N 5-10     49   11.08   114.1   N 5-10     50   11.15   116.8   N 5-10     51   11.34   118.6   N 5-10     52   13.00   108.3   N 5-10     54   13.48   117   N 5-10     55   15.04   117.6   N 5-10  | 34           | 09.51   | 117.5 | 280 10/15 |           |  |  |
| 37   13.40   122   280 10/15     38   13.41   120.9   280 10/15     39   Misfire   -   280 10/15     40   14.31   120.1   280 10/15     41   14.36   128.7   280 10/15     42   Misfire   -     Wed 5 Dec 12     43   09.05   113.4   N 5-10     44   09.16   115.8   N 5-10     45   09.32   114   N 5-10     46   09.52   110.7   N 5-10     47   10.40   113.3   N 5-10     48   10.52   116   N 5-10     49   11.08   114.1   N 5-10     50   11.15   116.8   N 5-10     51   11.34   118.6   N 5-10     52   13.00   108.3   N 5-10     53   13.32   116.8   N 5-10     54   13.48   117   N 5-10     55   15.04   117.6   N 5-10   | 35           | 09.54   | 117.5 | 280 10/15 |           |  |  |
| 38   13.41   120.9   280 10/15     39   Misfire   -   280 10/15     40   14.31   120.1   280 10/15     41   14.36   128.7   280 10/15     42   Misfire   -     Wed 5 Dec 12     43   09.05   113.4   N 5-10     44   09.16   115.8   N 5-10     45   09.32   114   N 5-10     46   09.52   110.7   N 5-10     47   10.40   113.3   N 5-10     48   10.52   116   N 5-10     49   11.08   114.1   N 5-10     50   11.15   116.8   N 5-10     51   11.34   118.6   N 5-10     52   13.00   108.3   N 5-10     53   13.32   116.8   N 5-10     54   13.48   117   N 5-10     55   15.04   117.6   N 5-10  | 36           | 12.00   | 122.9 | 280 10/15 |           |  |  |
| 39     Misfire     -     280 10/15       40     14.31     120.1     280 10/15       41     14.36     128.7     280 10/15       42     Misfire     -       Wed 5 Dec 12       43     09.05     113.4     N 5-10       44     09.16     115.8     N 5-10       45     09.32     114     N 5-10       46     09.52     110.7     N 5-10       47     10.40     113.3     N 5-10       48     10.52     116     N 5-10       49     11.08     114.1     N 5-10       50     11.15     116.8     N 5-10       51     11.34     118.6     N 5-10       52     13.00     108.3     N 5-10       53     13.32     116.8     N 5-10       54     13.48     117     N 5-10       55     15.04     117.6     N 5-10   | 37           | 13.40   | 122   | 280 10/15 |           |  |  |
| 40   14.31   120.1   280 10/15     41   14.36   128.7   280 10/15     42   Misfire   -     Wed 5 Dec 12     43   09.05   113.4   N 5-10   SUN/CLOUD     44   09.16   115.8   N 5-10     45   09.32   114   N 5-10     46   09.52   110.7   N 5-10     47   10.40   113.3   N 5-10     48   10.52   116   N 5-10     49   11.08   114.1   N 5-10     50   11.15   116.8   N 5-10     51   11.34   118.6   N 5-10     52   13.00   108.3   N 5-10     53   13.32   116.8   N 5-10     54   13.48   117   N 5-10     55   15.04   117.6   N 5-10  | 38           | 13.41   | 120.9 | 280 10/15 |           |  |  |
| 41   14.36   128.7   280 10/15     42   Misfire   -     Wed 5 Dec 12     43   09.05   113.4   N 5-10   SUN/CLOUD     44   09.16   115.8   N 5-10     45   09.32   114   N 5-10     46   09.52   110.7   N 5-10     47   10.40   113.3   N 5-10     48   10.52   116   N 5-10     49   11.08   114.1   N 5-10     50   11.15   116.8   N 5-10     51   11.34   118.6   N 5-10     52   13.00   108.3   N 5-10     53   13.32   116.8   N 5-10     54   13.48   117   N 5-10     55   15.04   117.6   N 5-10   | 39           | Misfire | -     | 280 10/15 |           |  |  |
| 42 Misfire     Wed 5 Dec 12     43   09.05   113.4   N 5-10   SUN/CLOUD     44   09.16   115.8   N 5-10     45   09.32   114   N 5-10     46   09.52   110.7   N 5-10     47   10.40   113.3   N 5-10     48   10.52   116   N 5-10     49   11.08   114.1   N 5-10     50   11.15   116.8   N 5-10     51   11.34   118.6   N 5-10     52   13.00   108.3   N 5-10     53   13.32   116.8   N 5-10     54   13.48   117   N 5-10     55   15.04   117.6   N 5-10  | 40           | 14.31   | 120.1 | 280 10/15 |           |  |  |
| Wed 5 Dec 12       43     09.05     113.4     N 5-10     SUN/CLOUD       44     09.16     115.8     N 5-10       45     09.32     114     N 5-10       46     09.52     110.7     N 5-10       47     10.40     113.3     N 5-10       48     10.52     116     N 5-10       49     11.08     114.1     N 5-10       50     11.15     116.8     N 5-10       51     11.34     118.6     N 5-10       52     13.00     108.3     N 5-10       53     13.32     116.8     N 5-10       54     13.48     117     N 5-10       55     15.04     117.6     N 5-10   | 41           | 14.36   | 128.7 | 280 10/15 |           |  |  |
| 43   09.05   113.4   N 5-10   SUN/CLOUD     44   09.16   115.8   N 5-10     45   09.32   114   N 5-10     46   09.52   110.7   N 5-10     47   10.40   113.3   N 5-10     48   10.52   116   N 5-10     49   11.08   114.1   N 5-10     50   11.15   116.8   N 5-10     51   11.34   118.6   N 5-10     52   13.00   108.3   N 5-10     53   13.32   116.8   N 5-10     54   13.48   117   N 5-10     55   15.04   117.6   N 5-10  | 42           | Misfire | •     |           |           |  |  |
| 44   09.16   115.8   N 5-10     45   09.32   114   N 5-10     46   09.52   110.7   N 5-10     47   10.40   113.3   N 5-10     48   10.52   116   N 5-10     49   11.08   114.1   N 5-10     50   11.15   116.8   N 5-10     51   11.34   118.6   N 5-10     52   13.00   108.3   N 5-10     53   13.32   116.8   N 5-10     54   13.48   117   N 5-10     55   15.04   117.6   N 5-10  | Wed 5 Dec 12 |         |       |           |           |  |  |
| 45   09.32   114   N 5-10     46   09.52   110.7   N 5-10     47   10.40   113.3   N 5-10     48   10.52   116   N 5-10     49   11.08   114.1   N 5-10     50   11.15   116.8   N 5-10     51   11.34   118.6   N 5-10     52   13.00   108.3   N 5-10     53   13.32   116.8   N 5-10     54   13.48   117   N 5-10     55   15.04   117.6   N 5-10  | 43           | 09.05   | 113.4 | N 5-10    | SUN/CLOUD |  |  |
| 46   09.52   110.7   N 5-10     47   10.40   113.3   N 5-10     48   10.52   116   N 5-10     49   11.08   114.1   N 5-10     50   11.15   116.8   N 5-10     51   11.34   118.6   N 5-10     52   13.00   108.3   N 5-10     53   13.32   116.8   N 5-10     54   13.48   117   N 5-10     55   15.04   117.6   N 5-10  | 44           | 09.16   | 115.8 | N 5-10    |           |  |  |
| 47   10.40   113.3   N 5-10     48   10.52   116   N 5-10     49   11.08   114.1   N 5-10     50   11.15   116.8   N 5-10     51   11.34   118.6   N 5-10     52   13.00   108.3   N 5-10     53   13.32   116.8   N 5-10     54   13.48   117   N 5-10     55   15.04   117.6   N 5-10  | 45           | 09.32   | 114   | N 5-10    |           |  |  |
| 48   10.52   116   N 5-10     49   11.08   114.1   N 5-10     50   11.15   116.8   N 5-10     51   11.34   118.6   N 5-10     52   13.00   108.3   N 5-10     53   13.32   116.8   N 5-10     54   13.48   117   N 5-10     55   15.04   117.6   N 5-10  | 46           | 09.52   | 110.7 | N 5-10    |           |  |  |
| 49   11.08   114.1   N 5-10     50   11.15   116.8   N 5-10     51   11.34   118.6   N 5-10     52   13.00   108.3   N 5-10     53   13.32   116.8   N 5-10     54   13.48   117   N 5-10     55   15.04   117.6   N 5-10  | 47           | 10.40   | 113.3 | N 5-10    |           |  |  |
| 50 11.15 116.8 N 5-10   51 11.34 118.6 N 5-10   52 13.00 108.3 N 5-10   53 13.32 116.8 N 5-10   54 13.48 117 N 5-10   55 15.04 117.6 N 5-10  | 48           | 10.52   | 116   | N 5-10    |           |  |  |
| 51 11.34 118.6 N 5-10   52 13.00 108.3 N 5-10   53 13.32 116.8 N 5-10   54 13.48 117 N 5-10   55 15.04 117.6 N 5-10  | 49           | 11.08   | 114.1 | N 5-10    |           |  |  |
| 52 13.00 108.3 N 5-10   53 13.32 116.8 N 5-10   54 13.48 117 N 5-10   55 15.04 117.6 N 5-10  | 50           | 11.15   | 116.8 | N 5-10    |           |  |  |
| 53 13.32 116.8 N 5-10   54 13.48 117 N 5-10   55 15.04 117.6 N 5-10  | 51           | 11.34   | 118.6 | N 5-10    |           |  |  |
| 54 13.48 117 N 5-10   55 15.04 117.6 N 5-10  | 52           | 13.00   | 108.3 | N 5-10    |           |  |  |
| 55 15.04 117.6 N 5-10  | 53           | 13.32   | 116.8 | N 5-10    |           |  |  |
|  | 54           | 13.48   | 117   | N 5-10    |           |  |  |
| 56   15.19   114.4   N 5-10  | 55           | 15.04   | 117.6 | N 5-10    |           |  |  |
|  | 56           | 15.19   | 114.4 | N 5-10    |           |  |  |