

LONDON CITY AIRPORT

2015 SECTION 106 ANNUAL PERFORMANCE REPORT

APPENDIX 11 TEMPORARY NOISE MONITORING STRATEGY REPORTS

01 July 2016

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LONDON CITY AIRPORT
NOISE & TRACK KEEPING STATUS REPORT
JANUARY 2015 – MARCH 2015

Report to

Mr Gary Hodgetts
Director Operations Policy & Planning
London City Airport
City Aviation House
The Royal Docks
London
E16 2PB

A1125.121-R23-NW
28 April 2015

Contents

Page No.

1.0	Introduction	3
2.0	NMT Status.....	3
3.0	Correlation Rate	3
4.0	Summary	4

Appendix A: NMT status by date

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1.0 INTRODUCTION

Under paragraph A6.0 of the approved Temporary Noise Monitoring Strategy, London City Airport is required to provide quarterly reports of the Noise and Track Keeping system to the London Borough of Newham.

This report details the operational status of each monitor and the monthly correlation rate of noise events to aircraft departures for the quarterly period 1st January 2015 to 31st March 2015.

2.0 NMT STATUS

A summary of the status of each Noise Monitoring Terminal (NMT) is given in Table 1 below. A detailed summary is given in Appendix A showing whether both noise events and Flight Information and Display System (FIDS) have been obtained on a daily basis.

During this quarterly period, all of the NMTs were fully operational, and data received for each day, with the exception of NMT 1 on 4th February. This was due to a failure of the power supply.

NMT	Calibration	Data
1	OK	Data received for all days except 4 th February
2	OK	Data received for all days except
3	OK	Data received for all days
4	OK	Data received for all days

Table 1: Summary of NMT status

3.0 CORRELATION RATE

A summary of the correlation rate for each month is given in Table 2 below. In order to calculate the rate of correlation, the number of departures correlated has been compared against the number of operations at London City Airport¹ during the same period. It has been assumed that the number of departures constitute fifty percent of the total number of operations.

¹ Number of monthly operations supplied by Airport2020 Client Flight Information Database

Month	No. Operations	No. Correlated Departures	Correlation Rate
January	6774	2858	84%
February	7056	3018	86%
March	7812	3370	86%

Table 2: Summary of correlation rate

The correlation rates in all three months were affected by a significant amount of recorded noise events being marked as invalid due to high winds.

4.0 SUMMARY

During the quarterly period from 1st January 2015 to 31st March 2015, FIDS was received for all days and the NMTs were fully operational, with the exception of an issue with NMT 1 on 4th February. A total of 9,246 departure events were successfully recorded and a correlation rate of 84% or above achieved.

Nick Williams
for Bickerdike Allen Partners

Peter Henson
Partner

APPENDIX A

NMT STATUS BY DATE

NOISE EVENTS

DATE	NMT1 Events	NMT2 Events	NMT3 Events	NMT4 Events	FIDS
01/01/2015	Yes	Yes	Yes	Yes	Yes
02/01/2015	Yes	Yes	Yes	Yes	Yes
03/01/2015	Yes	Yes	Yes	Yes	Yes
04/01/2015	Yes	Yes	Yes	Yes	Yes
05/01/2015	Yes	Yes	Yes	Yes	Yes
06/01/2015	Yes	Yes	Yes	Yes	Yes
07/01/2015	Yes	Yes	Yes	Yes	Yes
08/01/2015	Yes	Yes	Yes	Yes	Yes
09/01/2015	Yes	Yes	Yes	Yes	Yes
10/01/2015	Yes	Yes	Yes	Yes	Yes
11/01/2015	Yes	Yes	Yes	Yes	Yes
12/01/2015	Yes	Yes	Yes	Yes	Yes
13/01/2015	Yes	Yes	Yes	Yes	Yes
14/01/2015	Yes	Yes	Yes	Yes	Yes
15/01/2015	Yes	Yes	Yes	Yes	Yes
16/01/2015	Yes	Yes	Yes	Yes	Yes
17/01/2015	Yes	Yes	Yes	Yes	Yes
18/01/2015	Yes	Yes	Yes	Yes	Yes
19/01/2015	Yes	Yes	Yes	Yes	Yes
20/01/2015	Yes	Yes	Yes	Yes	Yes
21/01/2015	Yes	Yes	Yes	Yes	Yes
22/01/2015	Yes	Yes	Yes	Yes	Yes
23/01/2015	Yes	Yes	Yes	Yes	Yes
24/01/2015	Yes	Yes	Yes	Yes	Yes
25/01/2015	Yes	Yes	Yes	Yes	Yes
26/01/2015	Yes	Yes	Yes	Yes	Yes
27/01/2015	Yes	Yes	Yes	Yes	Yes
28/01/2015	Yes	Yes	Yes	Yes	Yes
29/01/2015	Yes	Yes	Yes	Yes	Yes
30/01/2015	Yes	Yes	Yes	Yes	Yes
31/01/2015	Yes	Yes	Yes	Yes	Yes
01/02/2015	Yes	Yes	Yes	Yes	Yes
02/02/2015	Yes	Yes	Yes	Yes	Yes
03/02/2015	Yes	Yes	Yes	Yes	Yes
04/02/2015	No	Yes	Yes	Yes	Yes
05/02/2015	Yes	Yes	Yes	Yes	Yes
06/02/2015	Yes	Yes	Yes	Yes	Yes
07/02/2015	Yes	Yes	Yes	Yes	Yes
08/02/2015	Yes	Yes	Yes	Yes	Yes
09/02/2015	Yes	Yes	Yes	Yes	Yes
10/02/2015	Yes	Yes	Yes	Yes	Yes
11/02/2015	Yes	Yes	Yes	Yes	Yes
12/02/2015	Yes	Yes	Yes	Yes	Yes
13/02/2015	Yes	Yes	Yes	Yes	Yes
14/02/2015	Yes	Yes	Yes	Yes	Yes
15/02/2015	Yes	Yes	Yes	Yes	Yes

NOISE EVENTS

DATE	NMT1 Events	NMT2 Events	NMT3 Events	NMT4 Events	FIDS
16/02/2015	Yes	Yes	Yes	Yes	Yes
17/02/2015	Yes	Yes	Yes	Yes	Yes
18/02/2015	Yes	Yes	Yes	Yes	Yes
19/02/2015	Yes	Yes	Yes	Yes	Yes
20/02/2015	Yes	Yes	Yes	Yes	Yes
21/02/2015	Yes	Yes	Yes	Yes	Yes
22/02/2015	Yes	Yes	Yes	Yes	Yes
23/02/2015	Yes	Yes	Yes	Yes	Yes
24/02/2015	Yes	Yes	Yes	Yes	Yes
25/02/2015	Yes	Yes	Yes	Yes	Yes
26/02/2015	Yes	Yes	Yes	Yes	Yes
27/02/2015	Yes	Yes	Yes	Yes	Yes
28/02/2015	Yes	Yes	Yes	Yes	Yes
01/03/2015	Yes	Yes	Yes	Yes	Yes
02/03/2015	Yes	Yes	Yes	Yes	Yes
03/03/2015	Yes	Yes	Yes	Yes	Yes
04/03/2015	Yes	Yes	Yes	Yes	Yes
05/03/2015	Yes	Yes	Yes	Yes	Yes
06/03/2015	Yes	Yes	Yes	Yes	Yes
07/03/2015	Yes	Yes	Yes	Yes	Yes
08/03/2015	Yes	Yes	Yes	Yes	Yes
09/03/2015	Yes	Yes	Yes	Yes	Yes
10/03/2015	Yes	Yes	Yes	Yes	Yes
11/03/2015	Yes	Yes	Yes	Yes	Yes
12/03/2015	Yes	Yes	Yes	Yes	Yes
13/03/2015	Yes	Yes	Yes	Yes	Yes
14/03/2015	Yes	Yes	Yes	Yes	Yes
15/03/2015	Yes	Yes	Yes	Yes	Yes
16/03/2015	Yes	Yes	Yes	Yes	Yes
17/03/2015	Yes	Yes	Yes	Yes	Yes
18/03/2015	Yes	Yes	Yes	Yes	Yes
19/03/2015	Yes	Yes	Yes	Yes	Yes
20/03/2015	Yes	Yes	Yes	Yes	Yes
21/03/2015	Yes	Yes	Yes	Yes	Yes
22/03/2015	Yes	Yes	Yes	Yes	Yes
23/03/2015	Yes	Yes	Yes	Yes	Yes
24/03/2015	Yes	Yes	Yes	Yes	Yes
25/03/2015	Yes	Yes	Yes	Yes	Yes
26/03/2015	Yes	Yes	Yes	Yes	Yes
27/03/2015	Yes	Yes	Yes	Yes	Yes
28/03/2015	Yes	Yes	Yes	Yes	Yes
29/03/2015	Yes	Yes	Yes	Yes	Yes
30/03/2015	Yes	Yes	Yes	Yes	Yes
31/03/2015	Yes	Yes	Yes	Yes	Yes

LONDON CITY AIRPORT
NOISE & TRACK KEEPING STATUS REPORT
APRIL 2015 – JUNE 2015

Report to

Mr Gary Hodgetts
Director Operations Policy & Planning
London City Airport
City Aviation House
The Royal Docks
London
E16 2PB

A1125.121-R24-NW
16 July 2015

Contents

Page No.

1.0	Introduction	3
2.0	NMT Status.....	3
3.0	Correlation Rate	3
4.0	Summary	4

Appendix A: NMT status by date

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This report details the operational status of each monitor and the monthly correlation rate of noise events to aircraft departures for the quarterly period 1st April 2015 to 30th June 2015.

2.0 NMT STATUS

A summary of the status of each Noise Monitoring Terminal (NMT) is given in Table 1 below. A detailed summary is given in Appendix A showing whether both noise events and Flight Information and Display System (FIDS) have been obtained on a daily basis.

During this quarterly period, all of the NMTs were fully operational, and data received for each day.

NMT	Calibration	Data
1	OK	Data received for all days
2	OK	Data received for all days
3	OK	Data received for all days
4	OK	Data received for all days

Table 1: Summary of NMT status

3.0 CORRELATION RATE

A summary of the correlation rate for each month is given in Table 2 below. In order to calculate the rate of correlation, the number of departures correlated has been compared against the number of operations at London City Airport¹ during the same period. It has been assumed that the number of departures constitute fifty percent of the total number of operations.

¹ Number of monthly operations supplied by Airport2020 Client Flight Information Database

Month	No. Operations	No. Correlated Departures	Correlation Rate
April	6893	3172	92%
May	6866	2917	85%
June	7208	3285	91%

Table 2: Summary of correlation rate

The correlation rates in all three months, in particular May, were affected by a significant amount of recorded noise events being marked as invalid due to high winds.

4.0 SUMMARY

During the quarterly period from 1st April 2015 to 30th June 2015, FIDS was received for all days and the NMTs were fully operational. A total of 9,374 departure events were successfully recorded and a correlation rate of 85% or above achieved.

Nick Williams
for Bickerdike Allen Partners

Peter Henson
Partner

APPENDIX A

NMT STATUS BY DATE

NOISE EVENTS

DATE	NMT1 Events	NMT2 Events	NMT3 Events	NMT4 Events	FIDS
01/04/2015	Yes	Yes	Yes	Yes	Yes
02/04/2015	Yes	Yes	Yes	Yes	Yes
03/04/2015	Yes	Yes	Yes	Yes	Yes
04/04/2015	Yes	Yes	Yes	Yes	Yes
05/04/2015	Yes	Yes	Yes	Yes	Yes
06/04/2015	Yes	Yes	Yes	Yes	Yes
07/04/2015	Yes	Yes	Yes	Yes	Yes
08/04/2015	Yes	Yes	Yes	Yes	Yes
09/04/2015	Yes	Yes	Yes	Yes	Yes
10/04/2015	Yes	Yes	Yes	Yes	Yes
11/04/2015	Yes	Yes	Yes	Yes	Yes
12/04/2015	Yes	Yes	Yes	Yes	Yes
13/04/2015	Yes	Yes	Yes	Yes	Yes
14/04/2015	Yes	Yes	Yes	Yes	Yes
15/04/2015	Yes	Yes	Yes	Yes	Yes
16/04/2015	Yes	Yes	Yes	Yes	Yes
17/04/2015	Yes	Yes	Yes	Yes	Yes
18/04/2015	Yes	Yes	Yes	Yes	Yes
19/04/2015	Yes	Yes	Yes	Yes	Yes
20/04/2015	Yes	Yes	Yes	Yes	Yes
21/04/2015	Yes	Yes	Yes	Yes	Yes
22/04/2015	Yes	Yes	Yes	Yes	Yes
23/04/2015	Yes	Yes	Yes	Yes	Yes
24/04/2015	Yes	Yes	Yes	Yes	Yes
25/04/2015	Yes	Yes	Yes	Yes	Yes
26/04/2015	Yes	Yes	Yes	Yes	Yes
27/04/2015	Yes	Yes	Yes	Yes	Yes
28/04/2015	Yes	Yes	Yes	Yes	Yes
29/04/2015	Yes	Yes	Yes	Yes	Yes
30/04/2015	Yes	Yes	Yes	Yes	Yes
01/05/2015	Yes	Yes	Yes	Yes	Yes
02/05/2015	Yes	Yes	Yes	Yes	Yes
03/05/2015	Yes	Yes	Yes	Yes	Yes
04/05/2015	Yes	Yes	Yes	Yes	Yes
05/05/2015	Yes	Yes	Yes	Yes	Yes
06/05/2015	Yes	Yes	Yes	Yes	Yes
07/05/2015	Yes	Yes	Yes	Yes	Yes
08/05/2015	Yes	Yes	Yes	Yes	Yes
09/05/2015	Yes	Yes	Yes	Yes	Yes
10/05/2015	Yes	Yes	Yes	Yes	Yes
11/05/2015	Yes	Yes	Yes	Yes	Yes
12/05/2015	Yes	Yes	Yes	Yes	Yes
13/05/2015	Yes	Yes	Yes	Yes	Yes
14/05/2015	Yes	Yes	Yes	Yes	Yes
15/05/2015	Yes	Yes	Yes	Yes	Yes
16/05/2015	Yes	Yes	Yes	Yes	Yes

NOISE EVENTS

DATE	NMT1 Events	NMT2 Events	NMT3 Events	NMT4 Events	FIDS
17/05/2015	Yes	Yes	Yes	Yes	Yes
18/05/2015	Yes	Yes	Yes	Yes	Yes
19/05/2015	Yes	Yes	Yes	Yes	Yes
20/05/2015	Yes	Yes	Yes	Yes	Yes
21/05/2015	Yes	Yes	Yes	Yes	Yes
22/05/2015	Yes	Yes	Yes	Yes	Yes
23/05/2015	Yes	Yes	Yes	Yes	Yes
24/05/2015	Yes	Yes	Yes	Yes	Yes
25/05/2015	Yes	Yes	Yes	Yes	Yes
26/05/2015	Yes	Yes	Yes	Yes	Yes
27/05/2015	Yes	Yes	Yes	Yes	Yes
28/05/2015	Yes	Yes	Yes	Yes	Yes
29/05/2015	Yes	Yes	Yes	Yes	Yes
30/05/2015	Yes	Yes	Yes	Yes	Yes
31/05/2015	Yes	Yes	Yes	Yes	Yes
01/06/2015	Yes	Yes	Yes	Yes	Yes
02/06/2015	Yes	Yes	Yes	Yes	Yes
03/06/2015	Yes	Yes	Yes	Yes	Yes
04/06/2015	Yes	Yes	Yes	Yes	Yes
05/06/2015	Yes	Yes	Yes	Yes	Yes
06/06/2015	Yes	Yes	Yes	Yes	Yes
07/06/2015	Yes	Yes	Yes	Yes	Yes
08/06/2015	Yes	Yes	Yes	Yes	Yes
09/06/2015	Yes	Yes	Yes	Yes	Yes
10/06/2015	Yes	Yes	Yes	Yes	Yes
11/06/2015	Yes	Yes	Yes	Yes	Yes
12/06/2015	Yes	Yes	Yes	Yes	Yes
13/06/2015	Yes	Yes	Yes	Yes	Yes
14/06/2015	Yes	Yes	Yes	Yes	Yes
15/06/2015	Yes	Yes	Yes	Yes	Yes
16/06/2015	Yes	Yes	Yes	Yes	Yes
17/06/2015	Yes	Yes	Yes	Yes	Yes
18/06/2015	Yes	Yes	Yes	Yes	Yes
19/06/2015	Yes	Yes	Yes	Yes	Yes
20/06/2015	Yes	Yes	Yes	Yes	Yes
21/06/2015	Yes	Yes	Yes	Yes	Yes
22/06/2015	Yes	Yes	Yes	Yes	Yes
23/06/2015	Yes	Yes	Yes	Yes	Yes
24/06/2015	Yes	Yes	Yes	Yes	Yes
25/06/2015	Yes	Yes	Yes	Yes	Yes
26/06/2015	Yes	Yes	Yes	Yes	Yes
27/06/2015	Yes	Yes	Yes	Yes	Yes
28/06/2015	Yes	Yes	Yes	Yes	Yes
29/06/2015	Yes	Yes	Yes	Yes	Yes
30/06/2015	Yes	Yes	Yes	Yes	Yes

LONDON CITY AIRPORT
NOISE & TRACK KEEPING STATUS REPORT
JULY 2015 – SEPTEMBER 2015

Report to

Mr Gary Hodgetts
Director Operations Policy & Planning
London City Airport
City Aviation House
The Royal Docks
London
E16 2PB

A1125.121-R25-NW
29 October 2015

Contents

Page No.

1.0	Introduction	3
2.0	NMT Status.....	3
3.0	Correlation Rate	3
4.0	Summary	4

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This report details the operational status of each monitor and the monthly correlation rate of noise events to aircraft departures for the quarterly period 1st July 2015 to 30th September 2015.

2.0 NMT STATUS

A summary of the status of each Noise Monitoring Terminal (NMT) is given in Table 1 below. A detailed summary is given in Appendix A showing whether both noise events and Flight Information and Display System (FIDS) have been obtained on a daily basis.

During this quarterly period, NMTs 1, 3 and 4 were fully operational, and data received for each day. Due to a failure of the power supply, NMT2 was not operational on the 5th, 16th, 21st and 22nd September. The cause of this problem has since been identified and resolved.

NMT	Calibration	Data
1	OK	Data received for all days
2	OK	Data received for all days except 5 th , 16 th , 21 st and 22 nd September
3	OK	Data received for all days
4	OK	Data received for all days

Table 1: Summary of NMT status

3.0 CORRELATION RATE

A summary of the correlation rate for each month is given in Table 2 below. In order to calculate the rate of correlation, the number of departures correlated has been compared against the number of operations at London City Airport¹ during the same period. It has been assumed that the number of departures constitute fifty percent of the total number of operations.

¹ Number of monthly operations supplied by Airport2020 Client Flight Information Database

Month	No. Operations	No. Correlated Departures	Correlation Rate
July	7308	3358	92%
August	6224	3036	98%
September	7410	3244	88%

Table 2: Summary of correlation rate

4.0 SUMMARY

During the quarterly period from 1st July 2015 to 30th September 2015, FIDS was received for all days NMTs 1, 3 and 4 were fully operational. Due to a failure of the power supply, NMT 2 was not operational for 4 days during September. The cause of this problem has since been identified and resolved. Despite this, a total of 9,638 departure events were successfully recorded and a correlation rate of 88% or above achieved.

Nick Williams
for Bickerdike Allen Partners

Peter Henson
Partner

APPENDIX A

NMT STATUS BY DATE

NOISE EVENTS

DATE	NMT1 Events	NMT2 Events	NMT3 Events	NMT4 Events	FIDS
01/07/2015	Yes	Yes	Yes	Yes	Yes
02/07/2015	Yes	Yes	Yes	Yes	Yes
03/07/2015	Yes	Yes	Yes	Yes	Yes
04/07/2015	Yes	Yes	Yes	Yes	Yes
05/07/2015	Yes	Yes	Yes	Yes	Yes
06/07/2015	Yes	Yes	Yes	Yes	Yes
07/07/2015	Yes	Yes	Yes	Yes	Yes
08/07/2015	Yes	Yes	Yes	Yes	Yes
09/07/2015	Yes	Yes	Yes	Yes	Yes
10/07/2015	Yes	Yes	Yes	Yes	Yes
11/07/2015	Yes	Yes	Yes	Yes	Yes
12/07/2015	Yes	Yes	Yes	Yes	Yes
13/07/2015	Yes	Yes	Yes	Yes	Yes
14/07/2015	Yes	Yes	Yes	Yes	Yes
15/07/2015	Yes	Yes	Yes	Yes	Yes
16/07/2015	Yes	Yes	Yes	Yes	Yes
17/07/2015	Yes	Yes	Yes	Yes	Yes
18/07/2015	Yes	Yes	Yes	Yes	Yes
19/07/2015	Yes	Yes	Yes	Yes	Yes
20/07/2015	Yes	Yes	Yes	Yes	Yes
21/07/2015	Yes	Yes	Yes	Yes	Yes
22/07/2015	Yes	Yes	Yes	Yes	Yes
23/07/2015	Yes	Yes	Yes	Yes	Yes
24/07/2015	Yes	Yes	Yes	Yes	Yes
25/07/2015	Yes	Yes	Yes	Yes	Yes
26/07/2015	Yes	Yes	Yes	Yes	Yes
27/07/2015	Yes	Yes	Yes	Yes	Yes
28/07/2015	Yes	Yes	Yes	Yes	Yes
29/07/2015	Yes	Yes	Yes	Yes	Yes
30/07/2015	Yes	Yes	Yes	Yes	Yes
31/07/2015	Yes	Yes	Yes	Yes	Yes
01/08/2015	Yes	Yes	Yes	Yes	Yes
02/08/2015	Yes	Yes	Yes	Yes	Yes
03/08/2015	Yes	Yes	Yes	Yes	Yes
04/08/2015	Yes	Yes	Yes	Yes	Yes
05/08/2015	Yes	Yes	Yes	Yes	Yes
06/08/2015	Yes	Yes	Yes	Yes	Yes
07/08/2015	Yes	Yes	Yes	Yes	Yes
08/08/2015	Yes	Yes	Yes	Yes	Yes
09/08/2015	Yes	Yes	Yes	Yes	Yes
10/08/2015	Yes	Yes	Yes	Yes	Yes
11/08/2015	Yes	Yes	Yes	Yes	Yes
12/08/2015	Yes	Yes	Yes	Yes	Yes
13/08/2015	Yes	Yes	Yes	Yes	Yes
14/08/2015	Yes	Yes	Yes	Yes	Yes
15/08/2015	Yes	Yes	Yes	Yes	Yes

NOISE EVENTS

DATE	NMT1 Events	NMT2 Events	NMT3 Events	NMT4 Events	FIDS
16/08/2015	Yes	Yes	Yes	Yes	Yes
17/08/2015	Yes	Yes	Yes	Yes	Yes
18/08/2015	Yes	Yes	Yes	Yes	Yes
19/08/2015	Yes	Yes	Yes	Yes	Yes
20/08/2015	Yes	Yes	Yes	Yes	Yes
21/08/2015	Yes	Yes	Yes	Yes	Yes
22/08/2015	Yes	Yes	Yes	Yes	Yes
23/08/2015	Yes	Yes	Yes	Yes	Yes
24/08/2015	Yes	Yes	Yes	Yes	Yes
25/08/2015	Yes	Yes	Yes	Yes	Yes
26/08/2015	Yes	Yes	Yes	Yes	Yes
27/08/2015	Yes	Yes	Yes	Yes	Yes
28/08/2015	Yes	Yes	Yes	Yes	Yes
29/08/2015	Yes	Yes	Yes	Yes	Yes
30/08/2015	Yes	Yes	Yes	Yes	Yes
31/08/2015	Yes	Yes	Yes	Yes	Yes
01/09/2015	Yes	Yes	Yes	Yes	Yes
02/09/2015	Yes	Yes	Yes	Yes	Yes
03/09/2015	Yes	Yes	Yes	Yes	Yes
04/09/2015	Yes	Yes	Yes	Yes	Yes
05/09/2015	Yes	No	Yes	Yes	Yes
06/09/2015	Yes	Yes	Yes	Yes	Yes
07/09/2015	Yes	Yes	Yes	Yes	Yes
08/09/2015	Yes	Yes	Yes	Yes	Yes
09/09/2015	Yes	Yes	Yes	Yes	Yes
10/09/2015	Yes	Yes	Yes	Yes	Yes
11/09/2015	Yes	Yes	Yes	Yes	Yes
12/09/2015	Yes	Yes	Yes	Yes	Yes
13/09/2015	Yes	Yes	Yes	Yes	Yes
14/09/2015	Yes	Yes	Yes	Yes	Yes
15/09/2015	Yes	Yes	Yes	Yes	Yes
16/09/2015	Yes	No	Yes	Yes	Yes
17/09/2015	Yes	Yes	Yes	Yes	Yes
18/09/2015	Yes	Yes	Yes	Yes	Yes
19/09/2015	Yes	Yes	Yes	Yes	Yes
20/09/2015	Yes	Yes	Yes	Yes	Yes
21/09/2015	Yes	No	Yes	Yes	Yes
22/09/2015	Yes	No	Yes	Yes	Yes
23/09/2015	Yes	Yes	Yes	Yes	Yes
24/09/2015	Yes	Yes	Yes	Yes	Yes
25/09/2015	Yes	Yes	Yes	Yes	Yes
26/09/2015	Yes	Yes	Yes	Yes	Yes
27/09/2015	Yes	Yes	Yes	Yes	Yes
28/09/2015	Yes	Yes	Yes	Yes	Yes
29/09/2015	Yes	Yes	Yes	Yes	Yes
30/09/2015	Yes	Yes	Yes	Yes	Yes

LONDON CITY AIRPORT
NOISE & TRACK KEEPING STATUS REPORT
OCTOBER 2015 – DECEMBER 2015

Report to

Mr Gary Hodgetts
Director Operations Policy & Planning
London City Airport
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Contents

Page No.

1.0	Introduction	3
2.0	NMT Status.....	3
3.0	Correlation Rate	3
4.0	Summary	4

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2.0 NMT STATUS

A summary of the status of each Noise Monitoring Terminal (NMT) is given in Table 1 below. A detailed summary is given in Appendix A showing whether both noise events and Flight Information and Display System (FIDS) have been obtained on a daily basis.

During this quarterly period, NMTs 1, 3 and 4 were fully operational, and data received for each day. Due to a failure of the power supply, NMT2 was not operational for parts of 1st – 7th October. The cause of this problem was then identified and resolved. A separate failure of the power supply also caused NMT2 to be unavailable for parts of 4th November – 3rd December.

NMT	Calibration	Data
1	OK	Data received for all days
2	OK	Data received for all days except significant parts of 1 st – 7 th October, 4 th , 5 th , 8 th – 30 th November, and 1 st – 3 rd December
3	OK	Data received for all days
4	OK	Data received for all days

Table 1: Summary of NMT status

3.0 CORRELATION RATE

A summary of the correlation rate for each month is given in Table 2 below. In order to calculate the rate of correlation, the number of departures correlated has been compared against the number of operations at London City Airport¹ during the same period. It has been assumed that the number of departures constitute fifty percent of the total number of operations.

¹ Number of monthly operations supplied by Airport2020 Client Flight Information Database

Month	No. Operations	No. Correlated Departures	Correlation Rate
October	7553	3645	97%
November	6917	1182	34%
December	6481	2647	82%

Table 2: Summary of correlation rate

4.0 SUMMARY

During the quarterly period from 1st October 2015 to 31st December 2015, FIDS was received for all days and NMTs 1, 3 and 4 were fully operational.

Due to a failure of the power supply, NMT2 was not fully operational for 7 days during October. This had a limited effect on the correlation rate as departures were using runway 09 for the majority of this period and therefore were recorded at NMT3 and NMT4. The cause of this problem has since been identified and resolved.

Due to a separate failure of the power supply, NMT 2 was not fully operational for 25 days during November and 3 days during December. The cause of this problem has since been identified and resolved. The reason for the extended downtime was that the fuel cell developed a permanent yet unexpected fault and, because this is a unique piece of equipment associated to the noise monitoring systems, a replacement was needed to be installed which had a 3-4 week delivery time. All necessary parts are now located with a local supplier which will avoid this issue reoccurring in the future.

A total of 7,474 departure events were successfully recorded. A correlation rate of 82% or above was achieved in October and December, however due to the problems with NMT2 the correlation rate was only 34% for November. This has a limited effect on the overall annual average correlation rate which, from January to December 2015, is 85%.

Nick Williams
for Bickerdike Allen Partners

Peter Henson
Partner

APPENDIX A

NMT STATUS BY DATE

NOISE EVENTS

DATE	NMT1 Events	NMT2 Events	NMT3 Events	NMT4 Events	FIDS
01/10/2015	Yes	Yes	Yes	Yes	Yes
02/10/2015	Yes	Yes	Yes	Yes	Yes
03/10/2015	Yes	Yes	Yes	Yes	Yes
04/10/2015	Yes	Yes	Yes	Yes	Yes
05/10/2015	Yes	No	Yes	Yes	Yes
06/10/2015	Yes	No	Yes	Yes	Yes
07/10/2015	Yes	Yes	Yes	Yes	Yes
08/10/2015	Yes	Yes	Yes	Yes	Yes
09/10/2015	Yes	Yes	Yes	Yes	Yes
10/10/2015	Yes	Yes	Yes	Yes	Yes
11/10/2015	Yes	Yes	Yes	Yes	Yes
12/10/2015	Yes	Yes	Yes	Yes	Yes
13/10/2015	Yes	Yes	Yes	Yes	Yes
14/10/2015	Yes	Yes	Yes	Yes	Yes
15/10/2015	Yes	Yes	Yes	Yes	Yes
16/10/2015	Yes	Yes	Yes	Yes	Yes
17/10/2015	Yes	Yes	Yes	Yes	Yes
18/10/2015	Yes	Yes	Yes	Yes	Yes
19/10/2015	Yes	Yes	Yes	Yes	Yes
20/10/2015	Yes	Yes	Yes	Yes	Yes
21/10/2015	Yes	Yes	Yes	Yes	Yes
22/10/2015	Yes	Yes	Yes	Yes	Yes
23/10/2015	Yes	Yes	Yes	Yes	Yes
24/10/2015	Yes	Yes	Yes	Yes	Yes
25/10/2015	Yes	Yes	Yes	Yes	Yes
26/10/2015	Yes	Yes	Yes	Yes	Yes
27/10/2015	Yes	Yes	Yes	Yes	Yes
28/10/2015	Yes	Yes	Yes	Yes	Yes
29/10/2015	Yes	Yes	Yes	Yes	Yes
30/10/2015	Yes	Yes	Yes	Yes	Yes
31/10/2015	Yes	Yes	Yes	Yes	Yes
01/11/2015	Yes	Yes	Yes	Yes	Yes
02/11/2015	Yes	Yes	Yes	Yes	Yes
03/11/2015	Yes	Yes	Yes	Yes	Yes
04/11/2015	Yes	Yes	Yes	Yes	Yes
05/11/2015	Yes	Yes	Yes	Yes	Yes
06/11/2015	Yes	Yes	Yes	Yes	Yes
07/11/2015	Yes	Yes	Yes	Yes	Yes
08/11/2015	Yes	Yes	Yes	Yes	Yes
09/11/2015	Yes	Yes	Yes	Yes	Yes
10/11/2015	Yes	Yes	Yes	Yes	Yes
11/11/2015	Yes	Yes	Yes	Yes	Yes
12/11/2015	Yes	Yes	Yes	Yes	Yes
13/11/2015	Yes	Yes	Yes	Yes	Yes
14/11/2015	Yes	Yes	Yes	Yes	Yes
15/11/2015	Yes	Yes	Yes	Yes	Yes

NOISE EVENTS

DATE	NMT1 Events	NMT2 Events	NMT3 Events	NMT4 Events	FIDS
16/11/2015	Yes	Yes	Yes	Yes	Yes
17/11/2015	Yes	Yes	Yes	Yes	Yes
18/11/2015	Yes	Yes	Yes	Yes	Yes
19/11/2015	Yes	Yes	Yes	Yes	Yes
20/11/2015	Yes	Yes	Yes	Yes	Yes
21/11/2015	Yes	Yes	Yes	Yes	Yes
22/11/2015	Yes	Yes	Yes	Yes	Yes
23/11/2015	Yes	Yes	Yes	Yes	Yes
24/11/2015	Yes	Yes	Yes	Yes	Yes
25/11/2015	Yes	Yes	Yes	Yes	Yes
26/11/2015	Yes	Yes	Yes	Yes	Yes
27/11/2015	Yes	Yes	Yes	Yes	Yes
28/11/2015	Yes	Yes	Yes	Yes	Yes
29/11/2015	Yes	Yes	Yes	Yes	Yes
30/11/2015	Yes	Yes	Yes	Yes	Yes
01/12/2015	Yes	Yes	Yes	Yes	Yes
02/12/2015	Yes	Yes	Yes	Yes	Yes
03/12/2015	Yes	Yes	Yes	Yes	Yes
04/12/2015	Yes	Yes	Yes	Yes	Yes
05/12/2015	Yes	Yes	Yes	Yes	Yes
06/12/2015	Yes	Yes	Yes	Yes	Yes
07/12/2015	Yes	Yes	Yes	Yes	Yes
08/12/2015	Yes	Yes	Yes	Yes	Yes
09/12/2015	Yes	Yes	Yes	Yes	Yes
10/12/2015	Yes	Yes	Yes	Yes	Yes
11/12/2015	Yes	Yes	Yes	Yes	Yes
12/12/2015	Yes	Yes	Yes	Yes	Yes
13/12/2015	Yes	Yes	Yes	Yes	Yes
14/12/2015	Yes	Yes	Yes	Yes	Yes
15/12/2015	Yes	Yes	Yes	Yes	Yes
16/12/2015	Yes	Yes	Yes	Yes	Yes
17/12/2015	Yes	Yes	Yes	Yes	Yes
18/12/2015	Yes	Yes	Yes	Yes	Yes
19/12/2015	Yes	Yes	Yes	Yes	Yes
20/12/2015	Yes	Yes	Yes	Yes	Yes
21/12/2015	Yes	Yes	Yes	Yes	Yes
22/12/2015	Yes	Yes	Yes	Yes	Yes
23/12/2015	Yes	Yes	Yes	Yes	Yes
24/12/2015	Yes	Yes	Yes	Yes	Yes
25/12/2015	Yes	Yes	Yes	Yes	Yes
26/12/2015	Yes	Yes	Yes	Yes	Yes
27/12/2015	Yes	Yes	Yes	Yes	Yes
28/12/2015	Yes	Yes	Yes	Yes	Yes
29/12/2015	Yes	Yes	Yes	Yes	Yes
30/12/2015	Yes	Yes	Yes	Yes	Yes
31/12/2015	Yes	Yes	Yes	Yes	Yes