

# **ТРИМЕСЕЧЕН ДОКЛАД ЗА**

## **ПЕРИОДА ОКТОМВРИ-ДЕКЕМВРИ 2021 ГОДИНА**

### **РЕЗУЛТАТИ**

**ОТ СОБСТВЕНИТЕ НЕПРЕКЪСНАТИ ИЗМЕРВАНИЯ НА ШУМА, ДАВАЩИ ПРЕДСТАВА ЗА АКУСТИЧНОТО СЪСТОЯНИЕ НА РАЙОНИ, РАЗПОЛОЖЕНИ В БЛИЗОСТ ДО ЛЕТИЩЕ БУРГАС**

Настоящата информация е изготвена в съответствие с чл. 32 ал.1 от Наредба №54 /13.12.2010 г. за дейността на националната система за мониторинг на шума в околната среда и за изискванията за провеждане на собствен мониторинг и предоставяне на информация от промишлените източници на шум в околната среда.

#### **1. Собственик или ползвател, име и адрес на летището – източник на шум:**

Ползвател: „Фрапорт Туин Стар Еърпорт Мениджмънт“ АД – концесионер на летища Варна и Бургас

Адрес: град Бургас, летище Бургас

#### **2. Лице за контакти – Георги Чипилски, директор на Летище Бургас**

тел. 056/870 202, факс:056/870 203

#### **3. Типове въздухоплавателни средства, опериращи на летище Бургас**

В Приложение №1 към настоящия доклад „Справка за броя на изпълнените самолетодвижения от/до летище Бургас по редовни линии и сезонни чартърни линии за периода октомври-декември 2021 год.“ са дадени типа и модификацията на въздухоплавателните средства (ВС), изпълняващи редовни полети по разписание и сезонни чартърни линии от/до летище Бургас.

#### **4. Денонощни нива на шума, разпределени по дни от месеците**

Системата за мониторинг на шума бе въведена в експлоатация в началото на активен летен сезон на 2011 г. Тя се състои от четири стационарни терминала, чието разположение е съобразено с прогнозния шумов контур  $L_{Aeq} 60$  dB (A) на летище Бургас за 2009/2010 година. Извършени бяха предпроектни натурни измервания от екип от специалисти по „Акустика“ на Института по въздушен транспорт, посредством мобилни акустични станции, по предварително определени локации, съответстващи на разположението на въздушните трасета за отлитане и долитане.

Системата за мониторинг на шума е инсталирана от един от световните лидери в тази област – „Топсоник Системхаус“ ГМБХ - Германия. Инсталацията е една от най-модерните системи,

разработена по съвременни технологии за регистриране на шумови събития. Измерването става посредством специални терминални станции с вграден микрофон, конфигурирани на база разположението на въздушните коридори. Данните, получени от измерванията се актуализират на всяка половин до една секунда. Системата съхранява информация в база данни, изчислява параметрите за шум, регистрира показателите не само по отношение на кацащите и излитащите самолети, но и на прелитащите над конкретния район.

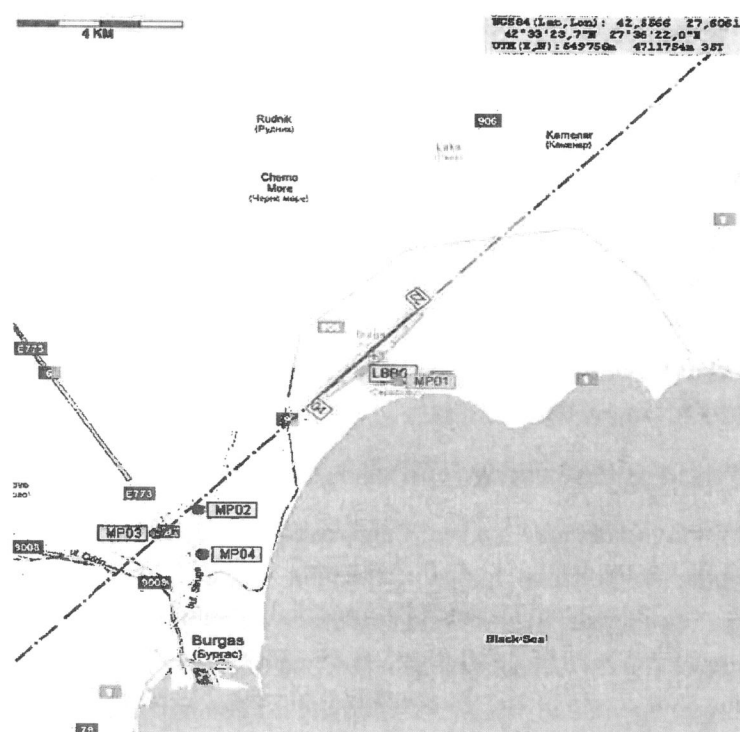
Конкретните локации за разполагане на терминалните станции са както следва:

станция **MP01** - Летище Бургас, кв. Сарафово, ОУ "Христо Ботев" - покрив на парова централа

станция **MP02** - ж.к. „Изгрев“, 6 ОДЗ „Ран Босилек“ – покрив на сградата на детска градина

станция **MP03** - ж.к. „Славейков“, 26 ЦДГ „Райна Княгиня“ - покрив на сградата на детска градина

станция **MP04** - ж.к. „Зорница“, 2 ОДЗ „Звездица-Зорница“ - покрив на сградата на детска градина



**Фиг. 1 Местоположение на терминалните станции**

#### **Акустичното състояние на райони, разположени в близост до летище Бургас**

Акустичното състояние за 4-то тримесечие на 2021 г. за районите, разположени в близост до летище Бургас, където са инсталирани и стационарните терминали за мониторинг на шума е представено в табличен вид - Приложение № 2 съответно за м. октомври, м. ноември, м. декември.

Табличните резултати предоставят информация за разглежданите три месеца и дават разпределението на еквивалентните денонощни нива на шума за 24 часов непрекъснат период на измерване  $L_{eq}$  (24h). Посочени са регистрираните еквивалентни нива на шум над наблюдавания район – фонов шум ( $L_{Aeq}$  Residual sound). Представен е и максималният шум, възникнал от едно шумово събитие  $L_{max}$ - от всеки един терминал за съответния период. Допълнително е представен и дневния брой на регистрираните шумови събития от всеки един терминал за съответния период.

В Приложения № 3 в табличен вид са представени денонощните еквивалентните нива на шума, дневните, вечерните и нощните еквивалентни нива, разпределени по дни от месеците на разглеждания период, както и регистрираните еквивалентни нива на шум от шумови събития, свързани с полети  $L_{DEN}$  correlated и кумулативния шум  $L_{DEN}$  Total.

#### **5. Брой въздухоплавателни средства по направления за отлитане и долитане над пунктовете за мониторинг**

Месечният брой на всички шумови събития, основно предизвикани от отлитащи и долитащи въздухоплавателни средства, регистрирани от стационарните терминали за мониторинг на шума е даден в таблица 1.

**Таблица 1**

Терминал за мониторинг на шума	Брой регистрирани шумови събития		
	Октомври 2021 г.	Ноември 2021 г.	Декември 2021 г.
MP01	342	184	189
MP02	166	87	80
MP03	166	87	80
MP04	166	87	80

#### **6. Брой превишения на граничните стойности на показателите за шум и тип на въздухоплавателното средство, предизвикало превишението.**

В Приложения 4, 5 и 6 са показани най-шумните корелирани шумови събития, регистрирани от терминали MP01, MP02, MP03 и MP04 за месеците октомври, ноември, декември.

За всяко едно събитие са дадени датата и часа на регистрацията му, отчетеното ниво на максималния шум  $L_{max}$  в dB(A) и типа на въздухоплавателното средство, причинило този шум.

**7. Брой отклонения на въздухоплавателните средства от регламентираните направления за отлитане и долитане на летище Бургас**

Предоставянето на информация по чл.32, ал. 1, т. 7 от „Наредба №54 от 13 декември 2010г. за дейността на националната система за мониторинг на шума в околната среда и за изискванията за провеждане на собствен мониторинг и предоставяне на информация от промишлените източници на шум в околната среда“ е от компетентността на ДП-РВД София. Тази информация ще бъде изпратена към доклада след като ни бъде предоставена от ДП-РВД София.

Изготвил:



М. Христова

Експерт Интегрирани системи за управление,  
звено „Интегрирани системи за управление и медицинско обслужване”

Page 1



Traffic by Aircraft Type  
October 2021

AC-Type	AC-Type Long Name	Movements per Month			Sum
		October	November	December	
A124	Antonov An-124 Ruslan	2	0	0	2
A139	AgustaWestland AW-139	0	0	2	2
A20N	Airbus A320neo	50	0	2	52
A21N	Airbus A321neo	6	4	0	10
A319	Airbus A319	2	0	0	2
A320	Airbus A320	47	18	29	94
A321	Airbus A321	8	2	2	12
A332	Airbus A330-200	4	1	0	5
A339		1	1	0	2
ALTO		2	0	0	2
AN12	Antonov An-12	4	6	4	14
AT72	ATR 72-200	54	24	22	100
AT76	ATR 72-600	0	0	6	6
B350	Beech King Air 350	0	4	0	4
B38M	Boeing 737 MAX 8	11	0	0	11
B738	Boeing 737-800	84	20	46	150
B744	Boeing 747-400	6	2	2	10
C27J	Alenia C-27J Spartan	0	2	0	2
C402	Cessna 402 Businessliner	7	0	0	7
C525	Cessna 525 Citation CJ1	6	0	0	6
C560	Cessna 560 Citation 5	0	4	0	4
C56X	Cessna 560XL Citation Excel	1	5	4	10
C68A	Cessna 680A Citation Latitude	0	2	0	2
CL60	Bombardier CL-600 Challenger 600	0	0	2	2
DA40	Diamond DA-40	4	0	4	8
DH82		2	0	0	2
DV20	Diamond DV-20 Katana	0	4	6	10
E35L	Embraer EMB-135BJ Legacy	2	4	0	6
E55P	Embraer EMB-505 Phenom 300	2	1	3	6
EA50	Eclipse 500	0	0	2	2
F2TH	Dassault Falcon 2000	0	0	4	4
FA7X	Dassault Falcon 7X	0	2	0	2
GL5T	Bombardier BD-700 Global 5000	0	0	2	2
GLF5	Gulfstream 5	0	2	0	2
H25B	BAe 125-700/-800	0	2	0	2
H60	Sikorsky HH-60	0	38	22	60
IL76	Ilyushin Il-76	0	0	2	2
LJ45	Bombardier Learjet 45	2	0	0	2
MD82	McDonnell Douglas MD-82	3	0	0	3
M18	Mil Mi-8/-9/-17/-19/-171/-172	0	4	0	4
P180	Piaggio P-180 Avanti	2	2	2	6
P46T	Piper PA-46-500TP Malibu Meridian	6	6	2	14
P68		2	0	0	2
P8	Boeing P-8 Poseidon	0	18	0	18
PA46	Piper PA-46-310P Malibu	0	0	2	2
PC12	Pilatus PC-12	4	0	6	10
PRM1	Hawker Beechcraft 390 Premier 1	0	0	4	4
SU95	Sukhoi Superjet 100-95	16	6	8	30
UH1	Bell 204/205/210	2	0	0	2
Sum		342	184	190	716



Open. 2



Equivalent Continuous Sound Level  
MP01 NMTBOJ001

October 2021

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
10/1/2021	61.3	59.9	61.3	61.4	67.1					
10/2/2021	61.2	59.5	61.1	61.4	66.8					
10/3/2021	61.6	61.1	61.5	61.9	67.7					
10/4/2021	62.3	61.6	62.5	61.3	68.0					
10/5/2021	62.7	61.7	62.8	62.2	68.4					
10/6/2021	61.0	62.0	60.8	61.6	68.3					
10/7/2021	61.2	61.2	61.0	61.8	68.1					
10/8/2021	61.2	60.8	61.4	60.9	68.3					
10/9/2021	61.2	61.8	61.7	*	*					*
10/10/2021	58.6	58.2	*	59.7	*					*
10/11/2021	59.9	57.1	59.3	61.3	64.7					
10/12/2021	60.4	58.6	61.4	54.3	65.4					
10/13/2021	56.8	59.2	57.3	54.8	65.0					*
10/14/2021	56.9	59.7	57.2	*	*					*
10/15/2021	*	*	*	*	*					*
10/16/2021	44.1	40.1	43.1	46.3	48.2					
10/17/2021	40.7	38.0	41.6	36.4	44.8					
10/18/2021	44.5	35.9	43.7	46.1	46.7					
10/19/2021	47.8	43.0	48.0	47.0	50.9					
10/20/2021	46.4	44.3	45.2	48.8	51.6					
10/21/2021	49.2	49.4	50.1	44.2	55.5					
10/22/2021	50.7	50.8	51.2	48.9	57.1					
10/23/2021	52.4	51.0	52.8	51.2	57.7	36.1	37.4	34.4		
10/24/2021	53.5	58.8	53.7	52.8	64.3					
10/25/2021	52.1	52.2	51.4	53.5	58.7					
10/26/2021	61.3	61.0	61.2	61.8	67.5	30.8	32.0	29.0		
10/27/2021	63.1	61.0	63.4	62.1	67.9					
10/28/2021	61.7	62.4	62.2	60.1	68.5					
10/29/2021	59.4	59.7	58.4	61.5	66.2					
10/30/2021	63.5	61.7	64.1	60.9	68.3	32.9	42.3	36.2	39.0	39.3
10/31/2021	67.2	66.4	66.7	68.3	73.3	41.0	40.6	37.7	40.6	37.7
Sum	60.1	59.7	60.1	60.0	66.3	29.1	29.4	28.3	28.3	28.9

\* Availability < 50%



Equivalent Continuous Sound Level

MP02 NMTBOJ002

October 2021

	Total Sound [dB(A)]				Aircraft Sound [dB(A)]					
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
10/1/2021	*	*	*	*	*	*	*	*	*	*
10/2/2021	*	*	*	*	*	*	*	*	*	*
10/3/2021	*	*	*	*	*	*	*	*	*	*
10/4/2021	*	*	*	*	*	*	*	*	*	*
10/5/2021	*	*	*	*	*	*	*	*	*	*
10/6/2021	*	*	*	*	*	*	*	*	*	*
10/7/2021	*	*	*	*	*	*	*	*	*	*
10/8/2021	*	*	*	*	*	*	*	*	*	*
10/9/2021	*	*	*	*	*	*	*	*	*	*
10/10/2021	*	*	*	*	*	*	*	*	*	*
10/11/2021	*	*	*	*	*	*	*	*	*	*
10/12/2021	*	*	*	*	*	*	*	*	*	*
10/13/2021	*	*	*	*	*	*	*	*	*	*
10/14/2021	*	*	*	*	*	*	*	*	*	*
10/15/2021	*	*	*	*	*	*	*	*	*	*
10/16/2021	*	*	*	*	*	*	*	*	*	*
10/17/2021	*	*	*	*	*	*	*	*	*	*
10/18/2021	*	*	*	*	*	*	*	*	*	*
10/19/2021	*	*	*	*	*	*	*	*	*	*
10/20/2021	*	*	*	*	*	*	*	*	*	*
10/21/2021	*	*	*	*	*	*	*	*	*	*
10/22/2021	*	*	*	*	*	*	*	*	*	*
10/23/2021	*	*	*	*	*	*	*	*	*	*
10/24/2021	*	*	*	*	*	*	*	*	*	*
10/25/2021	*	*	*	*	*	*	*	*	*	*
10/26/2021	*	*	*	*	*	*	*	*	*	*
10/27/2021	*	*	*	*	*	*	*	*	*	*
10/28/2021	*	*	*	*	*	*	*	*	*	*
10/29/2021	*	*	*	*	*	*	*	*	*	*
10/30/2021	*	*	*	*	*	*	*	*	*	*
10/31/2021	*	*	*	*	*	*	*	*	*	*
Sum	*	*	*	*	*	*	*	*	*	*

\* Availability < 50%





**Equivalent Continuous Sound Level  
MP03 NMTBOJ003**

**October 2021**

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
10/1/2021	61.7	60.6	61.7	61.6	67.7	*	*	*	*	*
10/2/2021	61.3	62.5	61.7	60.6	69.2	*	*	*	*	*
10/3/2021	62.1	60.7	61.8	62.8	67.6	*	*	*	*	*
10/4/2021	62.2	62.4	62.3	61.6	68.7	*	*	*	*	*
10/5/2021	61.6	61.5	61.4	62.1	68.1	*	*	*	*	*
10/6/2021	62.7	61.1	62.7	62.8	68.0	*	*	*	*	*
10/7/2021	59.3	62.2	59.4	59.1	68.6	*	*	*	*	*
10/8/2021	*	*	*	*	*	*	*	*	*	*
10/9/2021	*	*	*	*	*	*	*	*	*	*
10/10/2021	*	*	*	*	*	*	*	*	*	*
10/11/2021	*	*	*	*	*	*	*	*	*	*
10/12/2021	*	*	*	*	*	*	*	*	*	*
10/13/2021	*	*	*	*	*	*	*	*	*	*
10/14/2021	*	*	*	*	*	*	*	*	*	*
10/15/2021	*	*	*	*	*	*	*	*	*	*
10/16/2021	67.1	67.9	67.2	66.8	74.0	*	*	*	*	*
10/17/2021	68.3	70.1	68.6	67.0	76.0	*	*	*	*	*
10/18/2021	64.3	65.2	64.3	64.0	71.3	*	*	*	*	*
10/19/2021	64.5	63.1	64.4	64.8	69.9	*	*	*	*	*
10/20/2021	66.2	66.3	66.2	66.4	72.7	*	*	*	*	*
10/21/2021	64.8	64.8	64.9	64.5	71.2	*	*	*	*	*
10/22/2021	65.9	64.9	66.4	64.1	71.5	*	*	*	*	*
10/23/2021	66.7	65.2	66.5	67.3	72.1	*	*	*	*	*
10/24/2021	67.7	65.4	68.0	66.5	72.3	*	*	*	*	*
10/25/2021	68.2	66.5	68.0	68.6	73.4	*	*	*	*	*
10/26/2021	69.1	68.0	69.5	67.6	74.6	*	*	*	*	*
10/27/2021	65.0	68.1	65.2	64.3	73.9	*	*	*	*	*
10/28/2021	65.3	62.9	65.2	65.6	70.0	*	*	*	*	*
10/29/2021	64.5	64.0	64.7	63.8	70.4	*	*	*	*	*
10/30/2021	65.2	64.2	65.3	64.9	70.8	*	*	*	*	*
10/31/2021	64.2	64.0	64.0	64.7	70.7	*	*	*	*	*
<b>Sum</b>	<b>65.4</b>	<b>65.2</b>	<b>65.6</b>	<b>65.0</b>	<b>71.7</b>					

\* Availability < 50%



### Equivalent Continuous Sound Level

MP04 NMTBOJ004

October 2021

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
10/1/2021	58.4	57.7	58.7	57.5	64.7					
10/2/2021	57.1	57.5	57.2	56.8	64.4					
10/3/2021	58.4	58.3	58.0	59.4	64.8					
10/4/2021	*	*	*	*	*	*	*	*	*	*
10/5/2021	61.8	60.3	61.8	61.8	67.3					
10/6/2021	62.5	61.9	62.0	63.9	68.7					
10/7/2021	63.2	64.3	63.3	63.0	70.9					
10/8/2021	64.3	63.2	65.9	57.7	70.5					
10/9/2021	65.3	60.8	65.1	*	*	*	*	*	*	*
10/10/2021	*	*	*	*	*	*	*	*	*	*
10/11/2021	62.7	64.4	63.5	59.6	70.5					
10/12/2021	57.7	58.8	58.9	41.1	65.1					
10/13/2021	59.8	53.2	58.3	62.5	63.0					
10/14/2021	57.7	54.8	57.6	*	*	*	*	*	*	*
10/15/2021	*	*	*	*	*	*	*	*	*	*
10/16/2021	60.2	65.3	60.1	60.4	70.7					
10/17/2021	60.8	61.3	61.1	59.6	67.5					
10/18/2021	64.7	58.6	64.8	64.6	67.3					
10/19/2021	68.1	63.9	67.7	69.1	71.9					
10/20/2021	60.8	64.9	61.2	59.3	70.6	34.5	35.8			32.7
10/21/2021	64.7	60.4	63.7	66.9	68.7					
10/22/2021	61.2	65.1	62.0	57.7	70.8					
10/23/2021	58.3	55.8	57.4	60.2	63.2	28.7	30.0			27.0
10/24/2021	59.4	63.5	58.8	60.8	69.2					
10/25/2021	61.9	61.0	61.5	63.0	67.8					
10/26/2021	61.1	62.6	61.3	60.6	68.6					
10/27/2021	60.8	58.9	59.8	62.8	66.1					
10/28/2021	60.0	61.9	60.1	59.7	67.9	32.1	33.4			30.4
10/29/2021	59.0	60.4	59.3	58.0	66.5					
10/30/2021	59.7	60.1	59.7	59.7	66.4	31.7	37.8			35.0
10/31/2021	59.8	60.0	60.1	59.1	66.6					
<b>Sum</b>	61.9	61.6	61.8	62.2	68.2	24.0	24.2	23.4		23.9

\* Availability < 50%



Equivalent Continuous Sound Level

MP01 NMTBOJ001

November 2021

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
11/1/2021	65.5	65.3	65.5	65.7	71.8					
11/2/2021	62.8	61.6	62.6	63.2	68.3					
11/3/2021	62.6	65.0	63.3	59.9	70.8					
11/4/2021	61.8	60.2	61.7	62.2	67.1					
11/5/2021	60.3	62.6	60.5	59.7	68.5					
11/6/2021	62.0	61.2	62.2	61.3	67.7					
11/7/2021	67.8	68.7	67.8	67.8	74.9					
11/8/2021	60.5	66.5	59.0	63.2	72.2					
11/9/2021	*	*	*	*	*	*	*	*	*	*
11/10/2021	*	*	*	*	*	*	*	*	*	*
11/11/2021	68.0	64.8	67.9	68.5	72.3					
11/12/2021	67.7	67.2	67.8	67.4	73.7					
11/13/2021	65.7	68.7	66.0	64.8	74.5					
11/14/2021	66.9	69.0	67.1	66.4	75.0	40.2	31.7	45.8	43.2	43.2
11/15/2021	*	*	*	*	*	*	*	*	*	*
11/16/2021	66.2	66.3	66.4	65.7	72.5	35.1	36.7	36.3	33.5	33.5
11/17/2021	64.6	66.1	65.1	62.8	72.1	44.8	46.0	44.7	43.0	43.0
11/18/2021	67.2	62.8	67.8	64.7	70.4					
11/19/2021	64.4	63.0	64.5	64.3	69.8	37.6	38.0	36.3	37.3	37.3
11/20/2021	64.2	66.0	63.9	64.7	72.1	43.4	44.7	44.3	41.7	41.7
11/21/2021	67.7	66.3	67.7	67.7	73.1	43.1	44.3	35.0	41.3	41.3
11/22/2021	66.7	68.6	66.8	66.2	74.6	33.7	35.0	42.3	31.9	31.9
11/23/2021	66.3	66.9	65.5	67.9	73.3	36.3	39.0	43.9	39.5	39.5
11/24/2021	68.5	66.8	68.6	68.4	73.6	37.9	39.0	43.9	41.1	41.1
11/25/2021	65.9	67.2	66.0	65.8	73.3	37.8	41.4	42.9	36.0	36.0
11/26/2021	65.7	65.7	65.6	65.9	72.1	41.8	41.4	42.9	42.3	42.3
11/27/2021	66.7	66.4	66.7	66.9	72.9					
11/28/2021	67.7	66.6	66.8	69.6	73.5					
11/29/2021	67.2	67.1	*	67.7	*					
11/30/2021	65.3	66.2	65.9	64.2	73.2	33.7	*	37.9	36.2	36.2
Sum	65.9	66.2	65.9	65.9	72.6	36.9	37.1	36.1	36.1	36.7

\* Availability < 50%



**Equivalent Continuous Sound Level  
MPO2 NMTBOJ002  
November 2021**

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
11/1/2021	*	*	*	*	*	*	*	*	*	*
11/2/2021	*	*	*	*	*	*	*	*	*	*
11/3/2021	*	*	*	*	*	*	*	*	*	*
11/4/2021	*	*	*	*	*	*	*	*	*	*
11/5/2021	*	*	*	*	*	*	*	*	*	*
11/6/2021	*	*	*	*	*	*	*	*	*	*
11/7/2021	*	*	*	*	*	*	*	*	*	*
11/8/2021	*	*	*	*	*	*	*	*	*	*
11/9/2021	*	*	*	*	*	*	*	*	*	*
11/10/2021	*	*	*	*	*	*	*	*	*	*
11/11/2021	*	*	*	*	*	*	*	*	*	*
11/12/2021	*	*	*	*	*	*	*	*	*	*
11/13/2021	*	*	*	*	*	*	*	*	*	*
11/14/2021	*	*	*	*	*	*	*	*	*	*
11/15/2021	*	*	*	*	*	*	*	*	*	*
11/16/2021	*	*	*	*	*	*	*	*	*	*
11/17/2021	*	*	*	*	*	*	*	*	*	*
11/18/2021	*	*	*	*	*	*	*	*	*	*
11/19/2021	*	*	*	*	*	*	*	*	*	*
11/20/2021	*	*	*	*	*	*	*	*	*	*
11/21/2021	*	*	*	*	*	*	*	*	*	*
11/22/2021	*	*	*	*	*	*	*	*	*	*
11/23/2021	*	*	*	*	*	*	*	*	*	*
11/24/2021	*	*	*	*	*	*	*	*	*	*
11/25/2021	*	*	*	*	*	*	*	*	*	*
11/26/2021	*	*	*	*	*	*	*	*	*	*
11/27/2021	*	*	*	*	*	*	*	*	*	*
11/28/2021	*	*	*	*	*	*	*	*	*	*
11/29/2021	*	*	*	*	*	*	*	*	*	*
11/30/2021	*	*	*	*	*	*	*	*	*	*
<b>Sum</b>	*	*	*	*	*	*	*	*	*	*

\* Availability < 50%



**Equivalent Continuous Sound Level  
MP03 NMTBOJ003  
November 2021**

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
11/1/2021	*	*	*	*	*	*	*	*	*	*
11/2/2021	63.8	63.5	64.1	62.9	69.9					
11/3/2021	65.6	64.4	64.4	67.9	71.4					
11/4/2021	69.2	70.8	68.9	70.0	76.9					
11/5/2021	69.8	73.1	69.6	70.5	78.9					
11/6/2021	71.5	67.7	71.2	72.4	75.5					
11/7/2021	69.6	70.1	69.6	69.8	76.4					
11/8/2021	69.6	68.4	69.7	69.3	75.1					
11/9/2021	69.1	70.5	69.9	66.0	76.5					
11/10/2021	65.9	66.3	66.2	64.7	72.5					
11/11/2021	66.0	65.0	65.5	67.4	71.8					
11/12/2021	66.7	65.6	65.8	68.5	72.4					
11/13/2021	66.9	67.7	67.0	66.4	73.9					
11/14/2021	66.2	67.2	66.4	65.2	73.3					
11/15/2021	64.3	63.9	64.3	64.4	70.3					
11/16/2021	65.5	64.4	65.5	65.3	70.9					
11/17/2021	64.2	64.4	64.2	64.2	70.8					
11/18/2021	64.7	65.0	64.1	66.2	71.4					
11/19/2021	64.1	66.4	63.8	65.1	72.4					
11/20/2021	65.1	64.6	64.9	65.6	71.2					
11/21/2021	68.1	66.5	68.5	67.0	73.2					
11/22/2021	66.1	67.4	65.4	67.6	73.6					
11/23/2021	67.4	66.8	67.2	68.1	73.4					
11/24/2021	66.6	67.1	66.5	66.8	73.4					
11/25/2021	66.5	65.7	66.3	67.0	72.3					
11/26/2021	64.4	65.7	64.2	65.0	71.8					
11/27/2021	63.9	66.3	64.8	59.1	72.1					
11/28/2021	65.6	62.4	65.1	66.7	69.9			*		*
11/29/2021	67.4	65.5	*	65.1	*					
11/30/2021	64.3	63.9	64.1	64.5	71.3					
<b>Sum</b>	67.0	67.2	67.0	67.3	73.6					

\* Availability < 50%



**Equivalent Continuous Sound Level  
MP04 NMTBOJ004  
November 2021**

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
11/1/2021	*	*	*	*	*	*	*	*	*	*
11/2/2021	59.9	60.2	60.7	55.6	66.3	*	*	*	*	*
11/3/2021	60.7	56.2	61.1	59.5	64.0	*	*	*	*	*
11/4/2021	*	*	*	*	*	*	*	*	*	*
11/5/2021	64.9	67.9	64.9	65.0	73.8	*	*	*	*	*
11/6/2021	*	*	*	*	*	*	*	*	*	*
11/7/2021	63.6	65.6	63.0	64.9	71.7	*	*	*	*	*
11/8/2021	60.6	61.1	61.5	56.0	67.2	*	*	*	*	*
11/9/2021	57.9	57.4	57.8	58.2	64.0	*	*	*	*	*
11/10/2021	*	*	*	*	*	*	*	*	*	*
11/11/2021	*	*	*	*	*	*	*	*	*	*
11/12/2021	55.5	58.3	56.0	53.5	64.1	*	*	*	*	*
11/13/2021	53.3	51.1	53.0	53.9	58.2	*	*	*	*	*
11/14/2021	*	*	*	*	*	*	*	*	*	*
11/15/2021	*	*	*	*	*	*	*	*	*	*
11/16/2021	*	*	*	*	*	*	*	*	*	*
11/17/2021	63.7	57.6	64.5	59.6	65.8	31.5	*	37.5	34.7	*
11/18/2021	*	*	*	*	*	*	*	*	*	*
11/19/2021	*	*	*	*	*	*	*	*	*	*
11/20/2021	*	*	*	*	*	*	*	*	*	*
11/21/2021	*	*	*	*	*	*	*	*	*	*
11/22/2021	62.3	59.7	62.1	62.9	67.0	*	*	*	*	*
11/23/2021	62.3	61.2	62.0	63.0	68.0	*	*	*	*	*
11/24/2021	61.7	62.0	61.9	61.3	68.3	*	*	*	*	*
11/25/2021	63.0	62.1	62.4	64.4	68.9	*	*	*	*	*
11/26/2021	63.1	62.6	62.9	63.5	69.2	*	*	*	*	*
11/27/2021	62.8	61.7	63.0	62.2	68.3	*	*	*	*	*
11/28/2021	62.5	61.4	62.3	63.0	68.1	*	*	*	*	*
11/29/2021	66.1	64.4	*	66.0	*	*	*	*	*	*
11/30/2021	66.5	66.5	65.6	67.6	73.9	*	*	*	*	*
<b>Sum</b>	62.4	62.5	62.3	62.7	69.0	19.1		24.9		22.3

\* Availability < 50%



### Equivalent Continuous Sound Level

MPO1 NMTBOJ001

December 2021

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
12/1/2021	65.4	65.1	65.5	65.0	71.6	44.0	40.9	47.8	45.9	
12/2/2021	67.2	67.8	67.2	67.2	74.1	38.8	40.0		37.0	
12/3/2021	68.0	67.0	67.8	68.4	74.4					
12/4/2021	68.2	68.7	68.7	66.0	74.8	30.7		36.7	33.9	
12/5/2021	66.7	67.5	66.9	65.9	73.6					
12/6/2021	67.9	66.5	68.0	67.8	73.3					
12/7/2021	68.0	67.5	67.5	69.1	74.1					
12/8/2021	67.5	68.3	67.8	66.4	73.3					
12/9/2021	66.6	66.7	66.7	66.2	73.1					
12/10/2021	64.9	65.7	65.4	63.2	72.2	29.4	30.9		27.3	
12/11/2021	66.4	63.8	66.0	67.4	71.1					
12/12/2021	67.6	67.1	67.6	67.5	73.1					
12/13/2021	68.2	67.3	67.9	68.9	74.0					
12/14/2021	65.1	66.7	65.4	64.1	72.7					
12/15/2021	66.0	64.5	66.2	65.3	71.4					
12/16/2021	63.3	63.8	63.5	62.8	69.7					
12/17/2021	64.6	63.2	64.5	64.9	70.0					
12/18/2021	63.4	64.7	63.7	62.8	71.3					
12/19/2021	63.5	61.8	63.4	63.8	68.7	37.0		43.0	40.2	
12/20/2021	64.0	63.7	64.1	63.7	70.1	35.1	36.4		33.4	
12/21/2021	63.8	62.9	64.0	63.1	69.6					
12/22/2021	64.6	63.3	65.1	63.1	69.9	*	*	*	*	*
12/23/2021	*	*	*	*	*					
12/24/2021	62.8	63.2	61.7	64.6	70.0					
12/25/2021	65.6	67.1	66.2	63.2	72.8	30.4		36.3	33.8	
12/26/2021	63.4	64.1	63.2	64.1	70.4					
12/27/2021	67.0	65.2	67.4	65.4	72.0	38.0		43.9	41.2	
12/28/2021	66.7	67.2	66.4	67.3	73.5					
12/29/2021	68.1	66.8	68.5	67.0	73.5	36.4		42.4	39.6	
12/30/2021	66.2	64.6	66.2	66.1	70.5	36.7	36.3	37.5	37.8	
12/31/2021	66.2	65.2	66.2	66.4	71.8					
<b>Sum</b>	<b>66.2</b>	<b>65.9</b>	<b>66.3</b>	<b>66.0</b>	<b>72.3</b>	<b>33.0</b>	<b>30.4</b>	<b>36.6</b>	<b>34.9</b>	

\* Availability < 50%



Equivalent Continuous Sound Level  
MP02 NMTBOJ002

December 2021

	Total Sound [dB(A)]				Aircraft Sound [dB(A)]					
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>b</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
12/1/2021	*	*	*	*	*	*	*	*	*	*
12/2/2021	*	*	*	*	*	*	*	*	*	*
12/3/2021	*	*	*	*	*	*	*	*	*	*
12/4/2021	*	*	*	*	*	*	*	*	*	*
12/5/2021	*	*	*	*	*	*	*	*	*	*
12/6/2021	*	*	*	*	*	*	*	*	*	*
12/7/2021	*	*	*	*	*	*	*	*	*	*
12/8/2021	*	*	*	*	*	*	*	*	*	*
12/9/2021	*	*	*	*	*	*	*	*	*	*
12/10/2021	*	*	*	*	*	*	*	*	*	*
12/11/2021	*	*	*	*	*	*	*	*	*	*
12/12/2021	*	*	*	*	*	*	*	*	*	*
12/13/2021	*	*	*	*	*	*	*	*	*	*
12/14/2021	*	*	*	*	*	*	*	*	*	*
12/15/2021	*	*	*	*	*	*	*	*	*	*
12/16/2021	*	*	*	*	*	*	*	*	*	*
12/17/2021	*	*	*	*	*	*	*	*	*	*
12/18/2021	*	*	*	*	*	*	*	*	*	*
12/19/2021	*	*	*	*	*	*	*	*	*	*
12/20/2021	*	*	*	*	*	*	*	*	*	*
12/21/2021	*	*	*	*	*	*	*	*	*	*
12/22/2021	*	*	*	*	*	*	*	*	*	*
12/23/2021	*	*	*	*	*	*	*	*	*	*
12/24/2021	*	*	*	*	*	*	*	*	*	*
12/25/2021	*	*	*	*	*	*	*	*	*	*
12/26/2021	*	*	*	*	*	*	*	*	*	*
12/27/2021	*	*	*	*	*	*	*	*	*	*
12/28/2021	*	*	*	*	*	*	*	*	*	*
12/29/2021	*	*	*	*	*	*	*	*	*	*
12/30/2021	*	*	*	*	*	*	*	*	*	*
12/31/2021	*	*	*	*	*	*	*	*	*	*
Sum	*	*	*	*	*	*	*	*	*	*

\* Availability < 50%





### Equivalent Continuous Sound Level

MP03 NMTBOJ003

December 2021

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>	L <sub>eq</sub> Day	L <sub>eq</sub> Night/L <sub>N</sub>	L <sub>D</sub>	L <sub>E</sub>	L <sub>DEN</sub>
12/1/2021	68.1	64.6	67.5	69.5	72.4					
12/2/2021	68.8	69.4	69.5	65.5	75.6					
12/3/2021	62.8	66.0	63.2	62.1	72.6					
12/4/2021	63.9	63.1	64.0	63.7	69.7					
12/5/2021	67.5	62.7	68.1	64.8	70.4					
12/6/2021	66.4	66.0	66.9	64.8	72.4					
12/7/2021	64.5	67.1	64.9	62.9	72.9					
12/8/2021	73.7	77.5	74.8	67.0	81.7					
12/9/2021	65.7	67.9	66.0	64.7	73.8					
12/10/2021	63.3	62.8	63.5	62.9	69.7					
12/11/2021	61.9	61.8	62.1	61.0	68.2					
12/12/2021	62.1	61.0	59.3	66.0	67.9					
12/13/2021	65.2	65.9	65.0	65.7	72.2					
12/14/2021	67.1	66.7	66.6	68.3	73.3					
12/15/2021	65.3	69.1	65.4	64.8	75.0					
12/16/2021	66.1	66.1	66.0	66.1	72.1					
12/17/2021	64.2	68.6	64.4	63.5	74.3					
12/18/2021	68.6	63.1	69.6	64.6	71.3					
12/19/2021	66.2	63.0	66.4	65.2	70.3					
12/20/2021	64.3	65.1	64.5	63.3	71.2					
12/21/2021	63.7	65.1	64.1	62.4	71.3					
12/22/2021	62.5	62.2	62.6	62.2	68.6					
12/23/2021	67.7	66.2	68.0	66.9	72.9					
12/24/2021	64.2	67.1	64.5	63.4	73.3					
12/25/2021	63.1	63.4	62.6	64.4	69.7					
12/26/2021	65.0	64.4	65.6	62.0	70.8					
12/27/2021	63.6	62.6	62.7	65.3	69.5					
12/28/2021	63.0	64.4	63.0	63.3	70.5					
12/29/2021	62.6	63.2	62.5	63.0	69.5					
12/30/2021	65.8	64.9	66.4	63.7	70.3					
12/31/2021	64.8	64.1	64.3	65.9	70.8					
Sum	66.1	66.6	66.5	64.9	72.8					

\* Availability < 50%



### Equivalent Continuous Sound Level

MP04 NMTBOJ004

December 2021

	Total Sound [dB(A)]					Aircraft Sound [dB(A)]				
	Leq Day	Leq Night/LN	Ld	Le	Lden	Leq Day	Leq Night/LN	Ld	Le	Lden
12/1/2021	65.9	67.5	66.0	65.6	73.6					
12/2/2021	66.2	66.4	66.2	66.2	72.8					
12/3/2021	65.0	66.1	64.3	66.1	73.1					
12/4/2021	64.1	64.4	62.8	66.7	71.0					
12/5/2021	65.7	64.8	65.5	66.3	71.5					
12/6/2021	65.2	64.7	65.8	63.0	71.0					
12/7/2021	58.6	59.3	58.8	58.1	65.5					
12/8/2021	62.2	61.7	62.0	62.6	67.3					
12/9/2021	63.3	62.7	63.4	63.3	69.3					
12/10/2021	64.7	62.8	64.1	65.9	70.2					
12/11/2021	66.3	64.5	66.5	65.8	71.3					
12/12/2021	65.1	67.8	65.1	64.9	73.0					
12/13/2021	64.5	67.5	64.9	63.1	73.3					
12/14/2021	62.9	65.7	63.1	62.2	71.6					
12/15/2021	64.6	63.6	64.5	64.9	70.5					
12/16/2021	63.8	64.7	64.0	63.2	70.4					
12/17/2021	63.3	62.7	62.9	64.3	69.3					
12/18/2021	62.2	62.1	62.2	62.3	69.0					
12/19/2021	62.9	61.9	62.7	63.3	68.6					
12/20/2021	61.5	62.2	60.7	63.3	68.6					
12/21/2021	64.7	63.4	64.3	65.6	70.4					
12/22/2021	63.8	63.7	64.4	61.2	70.0					
12/23/2021	63.5	61.1	63.8	62.6	68.1					
12/24/2021	63.1	62.4	63.4	62.4	69.2					
12/25/2021	61.2	62.2	61.1	61.3	68.1					
12/26/2021	64.6	63.0	64.7	64.4	69.8					
12/27/2021	62.1	62.9	62.2	61.5	69.1					
12/28/2021	60.0	61.6	59.6	61.0	67.7					
12/29/2021	58.9	63.2	58.4	60.1	68.9	26.7		28.0		25.0
12/30/2021	64.2	61.9	64.1	64.2	68.1					
12/31/2021	62.5	62.4	62.6	61.9	68.8					
Sum	63.8	64.1	63.8	63.9	70.4	12.0		13.3		10.3

\* Availability < 50%

Open. 3



**NMT Statistics**  
**MP01 NMTBOJ001**

**October 2021**

	Noise Events		Flights		N1/N2	N1/N3	Availability		Total	L <sub>eq</sub> [dB(A)]		L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			[%]	Reason		Aircraft	Ambient		
10/1/2021	43	0	12	12	0.0	0.0	87.4	TW	60.8	60.8	54.6		
10/2/2021	12	0	28	28	0.0	0.0	85.3	TW	60.6	60.6	54.2		
10/3/2021	17	0	18	18	0.0	0.0	99.9		61.4	61.4	56.9		
10/4/2021	28	0	10	10	0.0	0.0	99.9	TW	62.0	62.0	57.2		
10/5/2021	64	0	14	14	0.0	0.0	95.7	TW	62.4	62.4	57.4		
10/6/2021	18	0	12	12	0.0	0.0	97.8	TW	61.4	61.4	55.2		
10/7/2021	58	0	10	10	0.0	0.0	87.4	TW	61.2	61.2	57.3		
10/8/2021	7	0	11	11	0.0	0.0	72.8	TW	61.0	61.0	56.6		
10/9/2021	14	0	12	12	0.0	0.0	74.9	TW	61.5	61.5	48.6		
10/10/2021	35	0	17	17	0.0	0.0	68.7	TW	58.4	58.4	50.7		
10/11/2021	25	0	10	10	0.0	0.0	93.7	TW	59.1	59.1	49.2		
10/12/2021	66	0	12	12	0.0	0.0	89.5	TW	59.8	59.8	48.1		
10/13/2021	46	0	12	12	0.0	0.0	99.9		57.7	57.7	49.6		
10/14/2021	19	0	4	4	0.0	0.0	85.4	TW	58.0	58.0	46.6		
10/15/2021	0	0	4	4	0.0	0.0	27.1	TW	*	*	36.7	*	
10/16/2021	0	0	4	4	0.0	0.0	97.8	TW	43.2	43.2	28.4		
10/17/2021	0	0	4	4	0.0	0.0	99.9		40.0	40.0	29.1		
10/18/2021	0	0	4	4	0.0	0.0	99.9		43.0	43.0	29.8		
10/19/2021	0	0	4	4	0.0	0.0	99.9		46.7	46.7	34.4		
10/20/2021	0	0	17	17	0.0	0.0	99.9		45.8	45.8	32.7		
10/21/2021	0	0	15	15	0.0	0.0	99.9		49.3	49.3	39.5		
10/22/2021	5	0	10	10	0.0	0.0	97.8	TW	50.8	50.8	41.1		
10/23/2021	9	1	13	13	7.7	11.1	99.9		51.9	51.9	40.7	68.9	
10/24/2021	31	0	12	12	0.0	0.0	99.9		56.0	56.0	42.7		
10/25/2021	0	0	6	6	0.0	0.0	99.9		52.1	52.1	44.8		
10/26/2021	24	1	12	12	8.3	4.2	99.9		61.2	61.2	52.8	69.1	
10/27/2021	118	0	12	12	0.0	0.0	99.9		62.5	62.5	54.3		
10/28/2021	80	0	13	13	0.0	0.0	99.9		62.0	62.0	54.1		
10/29/2021	49	1	13	13	7.7	2.0	99.9		59.5	59.5	53.0	63.4	
10/30/2021	121	3	13	13	23.1	2.5	99.9		62.9	62.9	55.0	69.4	
10/31/2021	68	1	4	4	25.0	1.5	99.9		66.9	66.9	55.3	71.3	
Sum	957	7	342	342	2.0	0.7	92.3	TW	59.9	59.9	28.4	71.3	

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
\* Availability < 50%



NMT Statistics  
 MP02 NMTBOJ002  
 October 2021

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability		Total	L <sub>eq</sub> [dB(A)]	Ambient	Aircraft	L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			[%]	Reason						
10/1/2021	0	0	12	6	0.0		0.0	T	*	*	*	*	*	
10/2/2021	0	0	28	13	0.0		0.0	T	*	*	*	*	*	
10/3/2021	0	0	18	6	0.0		0.0	T	*	*	*	*	*	
10/4/2021	0	0	10	5	0.0		0.0	T	*	*	*	*	*	
10/5/2021	0	0	14	8	0.0		0.0	T	*	*	*	*	*	
10/6/2021	0	0	12	6	0.0		0.0	T	*	*	*	*	*	
10/7/2021	0	0	10	5	0.0		0.0	T	*	*	*	*	*	
10/8/2021	0	0	11	6	0.0		0.0	T	*	*	*	*	*	
10/9/2021	0	0	12	6	0.0		0.0	T	*	*	*	*	*	
10/10/2021	0	0	17	8	0.0		0.0	T	*	*	*	*	*	
10/11/2021	0	0	10	5	0.0		0.0	T	*	*	*	*	*	
10/12/2021	0	0	12	7	0.0		0.0	T	*	*	*	*	*	
10/13/2021	0	0	12	5	0.0		0.0	T	*	*	*	*	*	
10/14/2021	0	0	4	2	0.0		0.0	T	*	*	*	*	*	
10/15/2021	0	0	4	2	0.0		0.0	T	*	*	*	*	*	
10/16/2021	0	0	4	2	0.0		0.0	T	*	*	*	*	*	
10/17/2021	0	0	4	2	0.0		0.0	T	*	*	*	*	*	
10/18/2021	0	0	4	2	0.0		0.0	T	*	*	*	*	*	
10/19/2021	0	0	4	0	0.0		0.0	T	*	*	*	*	*	
10/20/2021	0	0	17	9	0.0		0.0	T	*	*	*	*	*	
10/21/2021	0	0	15	6	0.0		0.0	T	*	*	*	*	*	
10/22/2021	0	0	10	5	0.0		0.0	T	*	*	*	*	*	
10/23/2021	0	0	13	6	0.0		0.0	T	*	*	*	*	*	
10/24/2021	0	0	12	6	0.0		0.0	T	*	*	*	*	*	
10/25/2021	0	0	6	3	0.0		0.0	T	*	*	*	*	*	
10/26/2021	0	0	12	5	0.0		0.0	T	*	*	*	*	*	
10/27/2021	0	0	12	7	0.0		0.0	T	*	*	*	*	*	
10/28/2021	0	0	13	7	0.0		0.0	T	*	*	*	*	*	
10/29/2021	0	0	13	9	0.0		0.0	T	*	*	*	*	*	
10/30/2021	0	0	13	5	0.0		0.0	T	*	*	*	*	*	
10/31/2021	0	0	4	2	0.0		0.0	T	*	*	*	*	*	
Sum	0	0	342	166	0.0		0.0	T	*	*	*	*	*	

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%



NMT Statistics  
MPO3 NMTBOJ003

October 2021

	Noise Events		Flights		N1/N2	N1/N3	Availability		L <sub>eq</sub> [dB(A)]		L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			[%]	Reason	Total	Ambient		
10/1/2021	1	0	12	6	0.0	0.0	87.4	TW	61.3	61.3	57.0	
10/2/2021	0	0	28	13	0.0	0.0	85.3	TW	61.8	61.8	57.8	
10/3/2021	0	0	18	6	0.0	0.0	99.9		61.7	61.7	57.5	
10/4/2021	5	0	10	5	0.0	0.0	99.9		62.3	62.3	56.6	
10/5/2021	5	0	14	8	0.0	0.0	95.7	TW	61.6	61.6	56.7	
10/6/2021	4	0	12	6	0.0	0.0	97.8	TW	62.2	62.2	56.7	
10/7/2021	4	0	10	5	0.0	0.0	87.4	TW	60.7	60.7	56.6	
10/8/2021	0	0	11	6	0.0	0.0	0.0	T	*	*		*
10/9/2021	0	0	12	6	0.0	0.0	0.0	T	*	*		*
10/10/2021	0	0	17	8	0.0	0.0	0.0	T	*	*		*
10/11/2021	0	0	10	5	0.0	0.0	0.0	T	*	*		*
10/12/2021	0	0	12	7	0.0	0.0	0.0	T	*	*		*
10/13/2021	0	0	12	5	0.0	0.0	0.0	T	*	*		*
10/14/2021	0	0	4	2	0.0	0.0	0.0	T	*	*		*
10/15/2021	1	0	4	2	0.0	0.0	11.4	TW	*	*	56.8	
10/16/2021	0	0	4	2	0.0	0.0	97.8	TW	67.4	67.4	59.7	
10/17/2021	0	0	4	2	0.0	0.0	99.9		69.0	69.0	61.5	
10/18/2021	0	0	4	2	0.0	0.0	99.9		64.6	64.6	60.0	
10/19/2021	0	0	4	0	0.0	0.0	99.9		64.1	64.1	60.1	
10/20/2021	0	0	17	9	0.0	0.0	99.9		66.3	66.3	61.5	
10/21/2021	0	0	15	6	0.0	0.0	99.9		64.8	64.8	60.9	
10/22/2021	0	0	10	5	0.0	0.0	97.8	TW	65.6	65.6	61.0	
10/23/2021	0	0	13	6	0.0	0.0	99.9		66.3	66.3	60.6	
10/24/2021	0	0	12	6	0.0	0.0	99.9		67.0	67.0	61.0	
10/25/2021	0	0	6	3	0.0	0.0	99.9		67.7	67.7	63.0	
10/26/2021	0	0	12	5	0.0	0.0	99.9		68.8	68.8	61.1	
10/27/2021	0	0	12	7	0.0	0.0	99.9		66.3	66.3	58.2	
10/28/2021	0	0	13	7	0.0	0.0	99.9		64.6	64.6	57.6	
10/29/2021	0	0	13	9	0.0	0.0	99.9		64.3	64.3	60.1	
10/30/2021	0	0	13	5	0.0	0.0	99.9		64.9	64.9	59.8	
10/31/2021	0	0	4	2	0.0	0.0	99.9		64.1	64.1	60.7	
Sum	20	0	342	166	0.0	0.0	72.9	TW	65.4	65.4	56.6	

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
\* Availability < 50%

**NMT Statistics**  
**MP04 NMTBOJ004**

**October 2021**

	Noise Events		Flights		N1/N3	Availability	Total	Leq [dB(A)]		L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant				N1/N2	N1/N3		
10/1/2021	18	0	12	6	0.0	87.4	TW	58.1	58.1	54.4	
10/2/2021	11	0	28	13	0.0	85.3	TW	57.3	57.3	53.5	
10/3/2021	39	0	18	6	0.0	99.9		58.4	58.4	53.6	
10/4/2021	0	0	10	5	0.0	0.0	T	*	*		
10/5/2021	87	0	14	8	0.0	95.5	TW	61.3	61.3	55.4	
10/6/2021	22	0	12	6	0.0	97.8	TW	62.3	62.3	56.6	
10/7/2021	0	0	10	5	0.0	87.4	TW	63.6	63.6	58.8	
10/8/2021	4	0	11	6	0.0	72.8	TW	63.8	63.8	34.3	
10/9/2021	24	0	12	6	0.0	74.9	TW	63.8	63.8	38.7	
10/10/2021	0	0	17	8	0.0	0.0	T	*	*		
10/11/2021	12	0	10	5	0.0	93.4	TW	63.4	63.4	46.6	
10/12/2021	58	0	12	7	0.0	89.5	TW	58.1	58.1	34.6	
10/13/2021	24	0	12	5	0.0	99.9		58.5	58.5	38.0	
10/14/2021	10	0	4	2	0.0	85.4	TW	56.9	56.9	43.4	
10/15/2021	0	0	4	2	0.0	27.1	TW	*	*	52.0	
10/16/2021	79	0	4	2	0.0	97.8	TW	62.5	62.5	48.2	
10/17/2021	82	0	4	2	0.0	99.9		61.0	61.0	54.7	
10/18/2021	19	0	4	2	0.0	99.9		63.5	63.5	52.0	
10/19/2021	19	0	4	0	0.0	99.9		67.1	67.1	56.4	
10/20/2021	44	2	17	9	22.2	98.2	T	62.6	62.6	32.7	64.1
10/21/2021	6	0	15	6	0.0	99.9		63.7	63.7	56.1	
10/22/2021	21	0	10	5	0.0	97.8	TW	62.9	62.9	54.7	
10/23/2021	45	1	13	6	16.7	99.9		57.6	57.6	44.8	63.2
10/24/2021	61	0	12	6	0.0	99.9		61.2	61.2	36.7	
10/25/2021	35	0	6	3	0.0	97.4	T	61.6	61.6	55.9	
10/26/2021	18	0	12	5	0.0	99.9		61.6	61.6	55.8	
10/27/2021	93	0	12	7	0.0	98.8	T	60.2	60.2	55.1	
10/28/2021	51	2	13	7	28.6	99.9		60.7	60.7	54.4	64.7
10/29/2021	29	0	13	9	0.0	99.9		59.5	59.5	54.2	
10/30/2021	29	1	13	5	20.0	99.9		59.8	59.8	55.8	62.3
10/31/2021	71	0	4	2	0.0	99.9		59.9	59.9	55.8	
Sum	1011	6	342	166	3.6	86.6	TW	61.8	61.8	22.1	64.7

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%



**NMT Statistics**  
**MP01 NMTBOJ001**  
**November 2021**

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability		L <sub>eq</sub> [dB(A)]		L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			[%]	Reason	Total	Ambient		
11/1/2021	93	0	4	4	0.0	0.0	99.9	65.5	65.5	56.4		
11/2/2021	63	0	4	4	0.0	0.0	99.9	62.4	62.4	54.7		
11/3/2021	48	0	8	8	0.0	0.0	99.9	63.6	63.6	56.2		
11/4/2021	59	0	2	2	0.0	0.0	99.9	61.3	61.3	55.0		
11/5/2021	57	0	4	4	0.0	0.0	99.9	61.2	61.2	51.7		
11/6/2021	99	0	5	5	0.0	0.0	99.9	61.8	61.8	54.5		
11/7/2021	51	0	5	5	0.0	0.0	99.9	68.1	68.1	59.4		
11/8/2021	21	0	2	2	0.0	0.0	99.9	63.5	63.5	53.2		
11/9/2021	0	0	2	2	0.0	0.0	0.0	*	*		*	
11/10/2021	0	0	8	8	0.0	0.0	0.0	*	*		*	
11/11/2021	30	0	11	11	0.0	0.0	99.7	67.2	67.2	58.3		
11/12/2021	5	0	5	5	0.0	0.0	99.9	67.5	67.5	62.4		
11/13/2021	72	0	4	4	0.0	0.0	99.9	67.0	67.0	60.1		
11/14/2021	83	2	9	9	2.4	2.4	99.9	67.7	67.7	59.2	72.7	
11/15/2021	0	0	6	6	0.0	0.0	0.0	*	*			
11/16/2021	36	1	3	3	33.3	2.8	81.0	66.3	66.3	60.7	71.2	
11/17/2021	39	9	24	24	37.5	23.1	99.9	65.2	65.1	59.4	69.6	
11/18/2021	68	0	0	0		0.0	99.9	66.2	66.2	59.3		
11/19/2021	71	2	13	13	15.4	2.8	99.7	64.0	64.0	58.0	69.5	
11/20/2021	97	5	17	17	29.4	5.2	99.7	64.9	64.9	57.7	73.9	
11/21/2021	42	2	8	8	25.0	4.8	99.7	67.3	67.3	61.5	71.4	
11/22/2021	51	1	4	4	25.0	2.0	99.7	67.4	67.4	61.2	68.5	
11/23/2021	80	1	3	3	33.3	1.3	99.9	66.5	66.5	60.2	71.2	
11/24/2021	56	1	6	6	16.7	1.8	99.9	68.0	68.0	61.3	70.3	
11/25/2021	113	2	4	4	50.0	1.8	99.9	66.4	66.4	61.2	68.6	
11/26/2021	26	2	4	4	50.0	7.7	99.9	65.7	65.7	61.4	70.6	
11/27/2021	15	0	7	7	0.0	0.0	99.9	66.6	66.6	62.9		
11/28/2021	18	0	4	4	0.0	0.0	99.9	67.4	67.4	62.0		
11/29/2021	21	0	4	4	0.0	0.0	66.5	67.1	67.1	60.5		
11/30/2021	128	1	4	4	25.0	0.8	77.0	65.7	65.7	59.0	68.1	
Sum	1542	29	184	184	15.8	1.9	87.4	66.0	66.0	51.7	73.9	

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%



**NMT Statistics**  
**MP02 NMTBOJ002**

**November 2021**

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability		L <sub>eq</sub> [dB(A)]		L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			[%]	Reason	Total	Ambient		
11/1/2021	0	0	4	1	0.0		0.0	T	*	*	*	*
11/2/2021	0	0	4	2	0.0		0.0	T	*	*	*	*
11/3/2021	0	0	8	2	0.0		0.0	T	*	*	*	*
11/4/2021	0	0	2	1	0.0		0.0	T	*	*	*	*
11/5/2021	0	0	4	2	0.0		0.0	T	*	*	*	*
11/6/2021	0	0	5	3	0.0		0.0	T	*	*	*	*
11/7/2021	0	0	5	3	0.0		0.0	T	*	*	*	*
11/8/2021	0	0	2	0	0.0		0.0	T	*	*	*	*
11/9/2021	0	0	2	1	0.0		0.0	T	*	*	*	*
11/10/2021	0	0	8	4	0.0		0.0	T	*	*	*	*
11/11/2021	0	0	11	5	0.0		0.0	T	*	*	*	*
11/12/2021	0	0	5	2	0.0		0.0	T	*	*	*	*
11/13/2021	0	0	4	1	0.0		0.0	T	*	*	*	*
11/14/2021	0	0	9	3	0.0		0.0	T	*	*	*	*
11/15/2021	0	0	6	3	0.0		0.0	T	*	*	*	*
11/16/2021	0	0	3	1	0.0		0.0	T	*	*	*	*
11/17/2021	0	0	24	12	0.0		0.0	T	*	*	*	*
11/18/2021	0	0	0	0	0.0		0.0	T	*	*	*	*
11/19/2021	0	0	13	6	0.0		0.0	T	*	*	*	*
11/20/2021	0	0	17	9	0.0		0.0	T	*	*	*	*
11/21/2021	0	0	8	4	0.0		0.0	T	*	*	*	*
11/22/2021	0	0	4	1	0.0		0.0	T	*	*	*	*
11/23/2021	0	0	3	2	0.0		0.0	T	*	*	*	*
11/24/2021	0	0	6	3	0.0		0.0	T	*	*	*	*
11/25/2021	0	0	4	3	0.0		0.0	T	*	*	*	*
11/26/2021	0	0	4	2	0.0		0.0	T	*	*	*	*
11/27/2021	0	0	7	5	0.0		0.0	T	*	*	*	*
11/28/2021	0	0	4	2	0.0		0.0	T	*	*	*	*
11/29/2021	0	0	4	1	0.0		0.0	T	*	*	*	*
11/30/2021	0	0	4	3	0.0		0.0	T	*	*	*	*
Sum	0	0	184	87	0.0		0.0	T	*	*	*	*

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%





**NMT Statistics**  
**MP03 NMTBOJ003**

**November 2021**

	Noise Events		Flights		N1/N3	Availability		L <sub>eq</sub> [dB(A)]		L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant		N1/N2 [%]	N1/N3 [%]	[%]	Reason		
11/1/2021	0	0	4	1	0.0	0.0	0.0	T	*	63.7	59.5
11/2/2021	0	0	4	2	0.0	0.0	99.7			63.7	59.5
11/3/2021	0	0	8	2	0.0	0.0	99.9			65.2	59.5
11/4/2021	0	0	2	1	0.0	0.0	99.9			69.8	59.5
11/5/2021	0	0	4	2	0.0	0.0	99.9			71.2	62.1
11/6/2021	0	0	5	3	0.0	0.0	99.9			70.6	61.7
11/7/2021	0	0	5	3	0.0	0.0	99.9			69.8	60.2
11/8/2021	0	0	2	0	0.0	0.0	99.9			69.2	60.7
11/9/2021	0	0	2	1	0.0	0.0	97.8	TW		69.6	62.3
11/10/2021	0	0	8	4	0.0	0.0	99.9			66.0	60.0
11/11/2021	0	0	11	5	0.0	0.0	99.9			65.7	59.7
11/12/2021	0	0	5	2	0.0	0.0	99.9			66.3	61.2
11/13/2021	1	0	4	1	0.0	0.0	99.9			67.1	57.5
11/14/2021	0	0	9	3	0.0	0.0	99.9			66.5	59.0
11/15/2021	0	0	6	3	0.0	0.0	93.6	TW		64.2	58.6
11/16/2021	0	0	3	1	0.0	0.0	81.2	TW		65.1	59.7
11/17/2021	0	0	24	12	0.0	0.0	99.9			64.3	59.5
11/18/2021	0	0	0	0	0.0	0.0	99.9			64.8	59.0
11/19/2021	0	0	13	6	0.0	0.0	99.6			65.0	58.7
11/20/2021	0	0	17	9	0.0	0.0	99.7			64.9	60.8
11/21/2021	0	0	8	4	0.0	0.0	99.7			67.7	61.1
11/22/2021	0	0	4	1	0.0	0.0	99.7			66.6	60.9
11/23/2021	0	0	3	2	0.0	0.0	99.9			67.2	61.6
11/24/2021	0	0	6	3	0.0	0.0	99.9			66.8	59.4
11/25/2021	0	0	4	3	0.0	0.0	99.9			66.2	60.2
11/26/2021	0	0	4	2	0.0	0.0	99.9			64.9	58.3
11/27/2021	9	0	7	5	0.0	0.0	99.9			64.9	54.9
11/28/2021	11	0	4	2	0.0	0.0	99.9			64.7	56.4
11/29/2021	0	0	4	1	0.0	0.0	66.5	TW		66.6	60.1
11/30/2021	0	0	4	3	0.0	0.0	77.0	TW		64.1	60.2
<b>Sum</b>	<b>21</b>	<b>0</b>	<b>184</b>	<b>87</b>	<b>0.0</b>	<b>0.0</b>	<b>93.8</b>	<b>TW</b>	<b>67.1</b>	<b>67.1</b>	<b>54.9</b>

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
\* Availability < 50%



**NMT Statistics**  
**MP04 NMTBOJ004**  
**November 2021**

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability		Total	Leq [dB(A)]		L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			[%]	Reason		Ambient	Aircraft		
11/1/2021	0	0	4	1	0.0	0.0	0.0	T	*	*	*	*	
11/2/2021	103	0	4	2	0.0	0.0	99.7		60.0	60.0	37.6		
11/3/2021	44	0	8	2	0.0	0.0	99.9		59.7	59.7	50.2		
11/4/2021	0	0	2	1	0.0	0.0	0.0	T	*	*	*	*	
11/5/2021	15	0	4	2	0.0	0.0	99.7		66.2	66.2	56.6		
11/6/2021	0	0	5	3	0.0	0.0	0.0	T	*	*	*	*	
11/7/2021	3	0	5	3	0.0	0.0	99.7		64.3	64.3	54.9		
11/8/2021	75	0	2	0	0.0	0.0	99.9		60.8	60.8	48.7		
11/9/2021	62	0	2	1	0.0	0.0	97.8	TW	57.7	57.7	48.5		
11/10/2021	0	0	8	4	0.0	0.0	0.0	T	*	*	*	*	
11/11/2021	0	0	11	5	0.0	0.0	0.0	T	*	*	*	*	
11/12/2021	39	0	5	2	0.0	0.0	99.7		56.6	56.6	48.1		
11/13/2021	3	0	4	1	0.0	0.0	99.9		52.7	52.7	45.5		
11/14/2021	0	0	9	3	0.0	0.0	0.0	T	*	*	*	*	
11/15/2021	0	0	6	3	0.0	0.0	0.0	T	*	*	*	*	
11/16/2021	0	0	3	1	0.0	0.0	0.0	T	*	*	*	*	
11/17/2021	24	1	24	12	8.3	4.2	99.7		62.5	62.5	53.1	62.6	
11/18/2021	0	0	0	0	0.0	0.0	0.0	T	*	*	*	*	
11/19/2021	0	0	13	6	0.0	0.0	0.0	T	*	*	*	*	
11/20/2021	0	0	17	9	0.0	0.0	0.0	T	*	*	*	*	
11/21/2021	0	0	8	4	0.0	0.0	0.0	T	*	*	*	*	
11/22/2021	9	0	4	1	0.0	0.0	99.9		61.6	61.6	56.1		
11/23/2021	0	0	3	2	0.0	0.0	99.7		62.0	62.0	58.1		
11/24/2021	0	0	6	3	0.0	0.0	99.9		61.8	61.8	58.4		
11/25/2021	0	0	4	3	0.0	0.0	99.9		62.7	62.7	57.8		
11/26/2021	1	0	4	2	0.0	0.0	99.9		62.9	62.9	57.8		
11/27/2021	1	0	7	5	0.0	0.0	99.9		62.5	62.5	57.4		
11/28/2021	12	0	4	2	0.0	0.0	99.9		62.2	62.2	57.4		
11/29/2021	0	0	4	1	0.0	0.0	66.6	TW	65.4	65.4	58.5		
11/30/2021	2	0	4	3	0.0	0.0	77.0	TW	66.5	66.5	44.5		
Sum	393	1	184	87	1.1	0.3	58.0	TW	62.4	62.4	37.6	62.6	

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%



**NMT Statistics  
MP01 NMTBOJ001**

**December 2021**

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability		L <sub>eq</sub> [dB(A)]			L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			[%]	Reason	Total	Ambient	Aircraft		
12/1/2021	69	7	12	12	58.3	10.1	97.8	TW	65.3	42.2	58.6	70.0	
12/2/2021	58	1	2	2	50.0	1.7	99.9		67.4	37.0	59.9	71.5	
12/3/2021	20	0	4	4	0.0	0.0	81.1	TW	67.6		61.4		
12/4/2021	18	1	7	7	14.3	5.6	99.9		68.3	28.9	62.8	71.1	
12/5/2021	95	0	2	2	0.0	0.0	99.9		66.9		60.6		
12/6/2021	6	0	16	16	0.0	0.0	99.9		67.5		62.7		
12/7/2021	6	0	2	2	0.0	0.0	99.9		67.8		63.2		
12/8/2021	9	0	6	6	0.0	0.0	83.3	TW	67.7		63.3		
12/9/2021	6	0	11	11	0.0	0.0	99.9		66.7		63.1		
12/10/2021	51	1	5	5	20.0	2.0	89.4	TW	65.2	27.3	59.8	70.3	
12/11/2021	28	0	14	14	0.0	0.0	99.9		65.7		60.0		
12/12/2021	18	0	4	4	0.0	0.0	91.5	TW	67.4		62.4		
12/13/2021	23	0	12	12	0.0	0.0	99.9		67.9		62.0		
12/14/2021	26	0	2	2	0.0	0.0	99.7		65.7		60.1		
12/15/2021	2	0	4	4	0.0	0.0	89.6	TW	65.5		59.3		
12/16/2021	1	0	4	4	0.0	0.0	93.7	TW	63.5		58.7		
12/17/2021	1	0	7	7	0.0	0.0	99.9		64.2		60.3		
12/18/2021	2	0	8	8	0.0	0.0	87.4	TW	64.0		58.8		
12/19/2021	14	1	6	6	16.7	7.1	99.9		63.0	35.2	58.6	68.3	
12/20/2021	9	1	5	5	20.0	11.1	99.9		63.9	33.4	59.2	68.6	
12/21/2021	5	0	2	2	0.0	0.0	95.7	TW	63.5		58.6		
12/22/2021	6	0	6	6	0.0	0.0	99.9		64.2		59.1		
12/23/2021	0	0	5	4	0.0	0.0	0.0	T	*	*			
12/24/2021	1	0	8	8	0.0	0.0	91.4	TW	62.9		58.7		
12/25/2021	46	1	4	4	25.0	2.2	93.7	TW	66.1	28.8	59.4	68.8	
12/26/2021	21	0	6	6	0.0	0.0	99.9		63.7		59.4		
12/27/2021	72	1	5	5	20.0	1.4	97.8	TW	66.4	36.2	60.7	68.1	
12/28/2021	43	0	5	5	0.0	0.0	99.9		66.8		59.9		
12/29/2021	81	2	6	6	33.3	2.5	99.9		67.7	34.6	58.1	69.5	
12/30/2021	135	2	8	8	25.0	1.5	85.3	TW	65.9	35.6	59.7	69.2	
12/31/2021	204	0	2	2	0.0	0.0	99.9		65.9		58.8		
Sum	1076	18	190	189	9.5	1.7	92.8	TW	66.1	31.3	58.1	71.5	

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
\* Availability < 50%



**NMT Statistics**  
**MP02 NMTBOJ002**  
**December 2021**

	Noise Events		Flights		N1/N2 [%]	N1/N3 [%]	Availability		L <sub>eq</sub> [dB(A)]		L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			[%]	Reason	Total	Ambient Aircraft		
12/1/2021	0	0	12	5	0.0		0.0	T	*	*	*	*
12/2/2021	0	0	2	1	0.0		0.0	T	*	*	*	*
12/3/2021	0	0	4	2	0.0		0.0	T	*	*	*	*
12/4/2021	0	0	7	2	0.0		0.0	T	*	*	*	*
12/5/2021	0	0	2	1	0.0		0.0	T	*	*	*	*
12/6/2021	0	0	16	7	0.0		0.0	T	*	*	*	*
12/7/2021	0	0	2	1	0.0		0.0	T	*	*	*	*
12/8/2021	0	0	6	2	0.0		0.0	T	*	*	*	*
12/9/2021	0	0	11	5	0.0		0.0	T	*	*	*	*
12/10/2021	0	0	5	2	0.0		0.0	T	*	*	*	*
12/11/2021	0	0	14	8	0.0		0.0	T	*	*	*	*
12/12/2021	0	0	4	2	0.0		0.0	T	*	*	*	*
12/13/2021	0	0	12	5	0.0		0.0	T	*	*	*	*
12/14/2021	0	0	2	1	0.0		0.0	T	*	*	*	*
12/15/2021	0	0	4	2	0.0		0.0	T	*	*	*	*
12/16/2021	0	0	4	1	0.0		0.0	T	*	*	*	*
12/17/2021	0	0	7	3	0.0		0.0	T	*	*	*	*
12/18/2021	0	0	8	2	0.0		0.0	T	*	*	*	*
12/19/2021	0	0	6	3	0.0		0.0	T	*	*	*	*
12/20/2021	0	0	5	2	0.0		0.0	T	*	*	*	*
12/21/2021	0	0	2	2	0.0		0.0	T	*	*	*	*
12/22/2021	0	0	6	2	0.0		0.0	T	*	*	*	*
12/23/2021	0	0	5	2	0.0		0.0	T	*	*	*	*
12/24/2021	0	0	8	4	0.0		0.0	T	*	*	*	*
12/25/2021	0	0	4	2	0.0		0.0	T	*	*	*	*
12/26/2021	0	0	6	3	0.0		0.0	T	*	*	*	*
12/27/2021	0	0	5	1	0.0		0.0	T	*	*	*	*
12/28/2021	0	0	5	1	0.0		0.0	T	*	*	*	*
12/29/2021	0	0	6	1	0.0		0.0	T	*	*	*	*
12/30/2021	0	0	8	4	0.0		0.0	T	*	*	*	*
12/31/2021	0	0	2	1	0.0		0.0	T	*	*	*	*
Sum	0	0	190	80	0.0		0.0	T	*	*	*	*

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%



**NMT Statistics  
MP03 NMTBOJ003**

**December 2021**

	Noise Events		Flights		N1/N2	N1/N3	Availability		Total	L <sub>eq</sub> [dB(A)]	Ambient	Aircraft	L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant			[%]	Reason						
12/1/2021	0	0	12	5	0.0		97.8	TW	67.2	67.2		60.8		
12/2/2021	0	0	2	1	0.0		99.1		69.0	69.0		62.0		
12/3/2021	0	0	4	2	0.0		81.2	TW	64.4	64.4		57.5		
12/4/2021	3	0	7	2	0.0	0.0	99.9		63.7	63.7		57.0		
12/5/2021	0	0	2	1	0.0		99.9		66.4	66.4		57.2		
12/6/2021	0	0	16	7	0.0		99.9		66.3	66.3		58.9		
12/7/2021	0	0	2	1	0.0		99.9		65.5	65.5		52.5		
12/8/2021	0	0	6	2	0.0		83.3	TW	74.9	74.9		60.9		
12/9/2021	0	0	11	5	0.0		99.9		66.5	66.5		59.6		
12/10/2021	0	0	5	2	0.0		89.5	TW	63.1	63.1		58.5		
12/11/2021	0	0	14	8	0.0		99.9		61.9	61.9		58.3		
12/12/2021	9	0	4	2	0.0	0.0	91.6	TW	61.8	61.8		54.1		
12/13/2021	0	0	12	5	0.0		99.9		65.4	65.4		59.7		
12/14/2021	0	0	2	1	0.0		99.9		66.9	66.9		60.5		
12/15/2021	0	0	4	2	0.0		89.6	TW	67.0	67.0		60.9		
12/16/2021	0	0	4	1	0.0		93.7	TW	66.1	66.1		59.5		
12/17/2021	0	0	7	3	0.0		99.9		66.2	66.2		60.1		
12/18/2021	0	0	8	2	0.0		87.4	TW	67.2	67.2		59.4		
12/19/2021	0	0	6	3	0.0		99.9		65.3	65.3		59.0		
12/20/2021	0	0	5	2	0.0		99.9		64.5	64.5		58.9		
12/21/2021	0	0	2	2	0.0		95.7	TW	64.2	64.2		59.4		
12/22/2021	0	0	6	2	0.0		99.9		62.4	62.4		59.5		
12/23/2021	0	0	5	2	0.0		99.9		67.3	67.3		60.2		
12/24/2021	0	0	8	4	0.0		91.6	TW	65.5	65.5		59.0		
12/25/2021	0	0	4	2	0.0		93.6	TW	63.2	63.2		59.2		
12/26/2021	0	0	6	3	0.0		99.9		64.8	64.8		59.6		
12/27/2021	0	0	5	1	0.0		97.8	TW	63.3	63.3		58.6		
12/28/2021	0	0	5	1	0.0		99.9		63.5	63.5		59.0		
12/29/2021	0	0	6	1	0.0		99.9		62.8	62.8		59.1		
12/30/2021	0	0	8	4	0.0		85.3	TW	65.7	65.7		59.9		
12/31/2021	0	0	2	1	0.0		99.9		64.5	64.5		59.4		
Sum	12	0	190	80	0.0	0.0	96.0	TW	66.3	66.3		52.5		

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics

\* Availability < 50%



NMT Statistics  
 MP04 NMTBO1004  
 December 2021

	Noise Events		Flights		N1/N3 [%]	Availability		L <sub>eq</sub> [dB(A)]	L <sub>min</sub> [dB(A)]	L <sub>max</sub> [dB(A)]
	Total	Correlated	Total	Relevant		[%]	Reason			
12/1/2021	0	0	12	5	0.0	97.8	TW	66.5	62.0	62.0
12/2/2021	0	0	2	1	0.0	99.1		66.2	61.4	61.4
12/3/2021	0	0	4	2	0.0	81.2	TW	65.5	59.8	59.8
12/4/2021	4	0	7	2	0.0	99.9		64.2	56.3	56.3
12/5/2021	0	0	2	1	0.0	99.9		65.5	59.7	59.7
12/6/2021	1	0	16	7	0.0	99.9		65.0	57.5	57.5
12/7/2021	31	0	2	1	0.0	99.9		58.9	53.6	53.6
12/8/2021	3	0	6	2	0.0	83.3	TW	62.1	54.5	54.5
12/9/2021	2	0	11	5	0.0	99.9		63.1	58.4	58.4
12/10/2021	0	0	5	2	0.0	89.5	TW	64.1	59.0	59.0
12/11/2021	0	0	14	8	0.0	99.9		65.8	60.0	60.0
12/12/2021	0	0	4	2	0.0	91.6	TW	66.0	60.2	60.2
12/13/2021	0	0	12	5	0.0	99.9		65.8	60.0	60.0
12/14/2021	0	0	2	1	0.0	99.9		64.1	58.9	58.9
12/15/2021	0	0	4	2	0.0	89.6	TW	64.3	59.8	59.8
12/16/2021	1	0	4	1	0.0	93.6	TW	64.1	56.0	56.0
12/17/2021	0	0	7	3	0.0	99.9		63.1	59.0	59.0
12/18/2021	1	0	8	2	0.0	87.4	TW	62.2	58.2	58.2
12/19/2021	0	0	6	3	0.0	99.9		62.6	58.5	58.5
12/20/2021	9	0	5	2	0.0	99.9		61.8	37.3	37.3
12/21/2021	0	0	2	2	0.0	95.7	TW	64.3	58.9	58.9
12/22/2021	5	0	6	2	0.0	99.9		63.8	57.8	57.8
12/23/2021	4	0	5	2	0.0	99.9		62.9	57.3	57.3
12/24/2021	0	0	8	4	0.0	91.6	TW	62.9	58.5	58.5
12/25/2021	10	0	4	2	0.0	93.6	TW	61.5	57.0	57.0
12/26/2021	0	0	6	3	0.0	99.9		64.1	59.7	59.7
12/27/2021	0	0	5	1	0.0	97.8	TW	62.4	58.8	58.8
12/28/2021	38	0	5	1	0.0	99.9		60.6	48.5	48.5
12/29/2021	80	1	6	1	100.0	99.9		60.8	25.0	25.0
12/30/2021	11	0	8	4	0.0	85.0	TW	63.8	39.1	39.1
12/31/2021	0	0	2	1	0.0	99.2		62.5	56.2	56.2
Sum	200	1	190	80	1.3	95.9	TW	63.9	10.3	10.3
					0.5			63.9	37.3	37.3
								63.9	37.3	62.2

N1: Correlated Flights, N2: Relevant Flights, N3: Total Noise Events, W: Weather, B: Background Noise, T: Technics  
 \* Availability < 50%

Pages 4, 5, 6



**Burgas Airport**

**Reference Level Exceedances  
October 2021 - December 2021**

ATA/ATD	Flight Number	A/D	Runway	Aircraft Type	MP01 LASmax	MP02 LASmax	MP03 LASmax	MP04 LASmax
---------	---------------	-----	--------	---------------	----------------	----------------	----------------	----------------

