Table of ceasefire violations as of 5 March 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
	1km SE	Recorded 1 flare in vertical flight		
SMM camera in		(assessed as inside the		2 March, 20:35
		disengagement area)		,
		Recorded 1 flare in vertical flight		
Stanytsia Luhanska	1.2km S	(assessed as inside the	N/K	2 March, 21:19
(government-controlled		disengagement area)		, , , , , , ,
16km NE of Luhansk)		Recorded 1 flare in vertical flight	1	
	1.2km S	(assessed as inside the		3 March, 00:54
	112111111111111111111111111111111111111	disengagement area)		5 11 141 611, 0 010 1
		Heard 4 undetermined explosions		3 March, 19:15-19:22
		Heard 12 undetermined		,
		explosions		3 March, 19:25-19:35
		Heard 9 undetermined explosions	1	3 March, 19:40
		Heard 8 undetermined explosions	1	3 March, 19:58
			-	
		Heard 8 undetermined explosions		3 March, 20:05-20:15
		Heard 15 undetermined		3 March, 20:20-20:28
		explosions	4	215 1 20 50
		Heard 8 undetermined explosions		3 March, 20:50
		Heard 11 undetermined		3 March, 21:00-21:10
		explosions		·
	6-10km NW	Heard 6 undetermined explosions	N/K	3 March, 21:18-21:34
		Heard 2 undetermined explosions		3 March, 22:35
Donetsk city centre		Heard 25 undetermined		3 March, 22:47-22:56
("DPR"-controlled)		explosions		3 Waren, 22.47-22.30
(Di R -contioned)		Heard 29 undetermined		3 March, 23:03-23:11
		explosions		
		Heard 21 undetermined		2 Manual, 22,10, 22,26
		explosions		3 March, 23:19-23:36
		Heard 26 undetermined		215 1 22 20 22 50
		explosions		3 March, 23:39-23:59
		Heard 9 undetermined explosions		4 March, 00:05-00:15
		Heard 17 undetermined		
		explosions		4 March, 00:20-00:35
		Heard 16 undetermined		435 1 60 20 00 10
		explosions		4 March, 00:38-00:48
		Heard 20 undetermined		
		explosions		4 March, 01:00-01:12
		Heard 7 undetermined explosions		4 March, 01:32-01:48
	2-3km SW	Heard 25 bursts	Small arms	3 March, 18:30-18:40
Horlivka ("DPR"-	2-3km W	Heard 3 undetermined explosions	IFV (BMP-1) cannon (73mm)	3 March, 18:50-19:00
controlled, 39km NE of	4-6km W	Heard 7 undetermined explosions	N/K	3 March, 21:25-21:30
Donetsk)	3-4km W	Heard 36 bursts	HMG	3 March, 21:23-21:30
DOILCISK)		Heard 14 undetermined		5 Maich, 21:07-22:05
	10-12 km SW		N/K	3 March, 21:37-22:03
		explosions		
		Recorded 1 tracer round from SW		3 March, 19:45
C) () (to NE		,
SMM camera in		Recorded 1 tracer round from SW		3 March, 19:48
Shyrokyne (20km E of	N/K N	to NE	N/K	- 171dicii, 17.70
Mariupol)		Recorded 3 undetermined		
		explosions		3 March, 19:55
	1	Recorded 1 tracer round from SW		

¹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, and are not always necessarily precise. When information is not known (indicated with an "N/K"), the SMM was unable to ascertain such information due to distance, weather conditions and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

I	İ	to NE	İ	I
		Recorded 3 tracer rounds from S		
		to N		
		Recorded 5 tracer rounds from W to E		3 March, 19:56
		Recorded 1 tracer round from SW to NE		3 March, 20:01
		Recorded 2 tracer rounds from E to W		3 March, 20:13
		Recorded 3 tracer rounds from W	-	
		to E		3 March, 20:18
		Recorded 2 tracer round from W to E		3 March, 20:42
		Recorded 1 tracers round from S to N		3 Watch, 20.42
		Recorded 4 tracers rounds from		
		W to E and Recorded 1 tracer round from SW	-	
		to NE		3 March, 20:45
	N/K N	Recorded 1 tracer round from SE to N		
		Recorded 1 tracer round from E		
		to W Recorded 1 tracer round from S to	-	3 March, 21:05
		N		
		Recorded 3 tracer rounds from W to E		3 March, 23:09
		Recorded 5 tracer rounds from W to E		4 March, 00:11
		Recorded 19 tracer rounds from W to E		4 March, 00:12
		Recorded 3 tracer rounds from W to E		4 March, 00:13
		Recorded 6 tracer rounds from W to E		4 March, 04:24
		Recorded 2 tracer rounds from E		4 March, 04:27
		to W Recorded 1 undetermined		4 March, 04:58
		explosion Recorded 1 rocket- assisted		
		projectile from E to W		4 March, 08:19
	N/K N	Recorded 2 rocket- assisted projectile from E to W		4 March, 18:23
		Recorded 1 rocket- assisted projectile from E to W		4 March, 18:26
Petrovskyi district	1-3km W	Heard 5 shots		4 March, 12:07
("DPR"-controlled, 15km SW of Donetsk	2.21cm CCW	Heard 7 shots	Small arms	4 March 12:52 12:59
city centre)	2-3km SSW	Heard 9 bursts		4 March, 12:53-12:58
Avdiivka (government-	1 2km ECE	Heard 6 undetermined explosions	N/V	4 March, 08:30-09:00
controlled, 17km N of Donetsk)	1-3km ESE	Heard 5 undetermined explosions Heard 5 undetermined explosions	N/K	4 March, 11:46-12:15 4 March, 12:35-15:00
Dolletok)	2-3km WSW	Heard 7 undetermined explosions		2 March, 08:00-08:07
	2-4km WNW	Heard 3 undetermined explosions	N/K	4 March, 08:29
	2-4km W	Heard 3 undetermined explosions		4 March, 08:35
	2-4km W	Heard 2 shots	Small arms	4 March, 08:48
	6-8km W	Heard 1 undetermined explosion	N/K	4 March, 08:51
Yasynuvata ("DPR"-	3-4km NNW	Heard 6 shots	Small arms	4 March, 08:56
controlled, 16km NE of	2-4km W	Heard 1 undetermined explosion	N/K	4 March, 09:04
Donetsk)	2-4km W	Heard 1 burst	Small arms	4 March, 09:06
	2 5km WMW	Heard 1 undetermined explosion	N/V	4 March, 09:10
	3-5km WNW	Heard 1 undetermined explosion	N/K	4 March, 09:21
	3-4km WSW	Heard 6 shots	Small arms	4 March, 11:36
	3-5km WSW	Heard 1 undetermined explosion	N/K	4 March, 11:46
	3-5km SW	Heard 1 undetermined explosion	1 N/ IX	4 March, 11:57

		Heard 3 undetermined explosions]	4 March, 12:10-12:20
	2-3km NNW	Heard 3 undetermined explosions		4 March, 15:18
	2km SW	Heard 1 undetermined explosion	N/K	4 March, 11:59
	2-3km SW	Heard 3 undetermined explosions	IV/K	4 March, 12:09
	0.3kmSW	Heard 1 shot	C11	4 March, 12:18
	0.3kmSW	Heard 1 shot	Small arms	4 March, 12:22
	2-3km SW	Heard 1 undetermined explosion	N/K	4 March, 12:23
0.6km ESE of Kruta	0.3kmSW	Heard 1 shot	Small arms	4 March, 12:26
Balka ("DPR"-	0.5Kmb W	Heard 1 undetermined explosion	Silian arms	4 March, 12:33
controlled, 16km N of	2-3km SW	Heard 1 undetermined explosion	N/K	4 March, 12:37
Donetsk	2-3KIII 5 W	Heard 1 undetermined explosion		4 March, 12:46
Donetsk	3-4km SW	Heard 1 undetermined explosion	_	
		Heard 2 shots		4 March, 14:40
	1-km NNW		G 11	4 March, 14:43
	0.8km NNW	Heard 2 shots	Small arms	4 March, 15:03
	2.3km NNW	Heard 4 bursts		4 March, 15:10
	0.5km SW	Heard 7 undetermined explosion	N/K	4 March, 15:20-15:26
2km S of Kamianka (government-controlled, 20km N of Donetsk)	1-3km SE	Heard 1 undetermined explosion	N/K	4 March, 14:40
·	3-5km W	Heard 3 bursts	HMG	4 Manala 00:15
Novohryhorivka	C 01 111	Heard 1 undetermined explosion	NI/IZ	4 March, 09:15
"DPR"-controlled 61km	6-8km W	Heard 1 undetermined explosion	N/K	4 March, 09:25
NE of Donetsk	3-5km W	Heard 4 bursts	HMG	
1.2 01 2 01000	8-10km NNW	Heard 6 undetermined explosions	N/K	4 March, 09:55
Dokuchaievsk ("DPR"-	0-TOKIII TYTYY	Heard 3 bursts	TV/K	
controlled, 30km SW of	2-3km WNW	Heard 5 bursts	HMG	4 March, 12:36
Donetsk)	2-3KIII WINW	Heard 6 shots	пио	4 March, 12.30
Donetsk)	2 41 NININI	II 16 14 1 1 1 1	M (N/IZ)	
	2-4km NNW	Heard 6 undetermined explosions	Mortar (type N/K)	
	2-4km NNE	Heard 6 undetermined explosions	N/K	4 March, 09:40-09:54
	2-4km N	Heard 3 undetermined explosions		
		Heard 4 shots	HMG	4 March, 09:56
7km N of Horlivka	2-4km NNE	Heard 1 undetermined explosion	N/K	4 Waten, 09.30
("DPR"-controlled,	2-4km NNW	Heard 5 undetermined explosions		
39km NE of Donetsk)	2-4km NNE	Heard 5 undetermined explosions		4 March, 09:58-10:03
39kili NE of Dolletsk)	2-4km N	Heard 8 undetermined explosions		
	2-4km NNW	Heard 3 undetermined explosions		
	2 1111111111	Heard 10 undetermined		4 March, 10:04-1020
	2-4km NNE	explosions		4 Waten, 10.04 1020
	2 4km ML	Heard 5 bursts	HMG	4 March, 10:13
			TIMO	4 March, 10.13
Mariumal (agreemment	10.15km E		NI/IZ	
Mariupol (government-	10-15km E	Heard 4 undetermined explosions	NI/IZ	4 March, 08:30-08:32
controlled, 102km S of	10-15km ENE	Heard 4 undetermined explosions	N/K	
controlled, 102km S of	10-15km ENE N/K E	Heard 4 undetermined explosions Heard 6 undetermined explosions	N/K	4 March, 17:43-17:47
controlled, 102km S of	10-15km ENE N/K E 2-4km E	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions	N/K	·
controlled, 102km S of	10-15km ENE N/K E	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosion	N/K	4 March, 17:43-17:47 4 March, 09:35
controlled, 102km S of	10-15km ENE N/K E 2-4km E	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions	N/K	4 March, 17:43-17:47
controlled, 102km S of Donetsk)	10-15km ENE N/K E 2-4km E 2-4km E	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosion	N/K	4 March, 17:43-17:47 4 March, 09:35 4 March, 09:45
controlled, 102km S of Donetsk) Zaichenko ("DPR"-	10-15km ENE N/K E 2-4km E 2-4km E N/K ENE 2-4km E	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 2 undetermined explosion	N/K	4 March, 17:43-17:47 4 March, 09:35
controlled, 102km S of Donetsk) Zaichenko ("DPR"-controlled, 26km NE of	10-15km ENE N/K E 2-4km E 2-4km E N/K ENE 2-4km E N/K ENE	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 2 undetermined explosions Heard 1 undetermined explosion		4 March, 17:43-17:47 4 March, 09:35 4 March, 09:45
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controlled, 102km S of Donetsk) Zaichenko ("DPR"-controlled, 26km NE of	10-15km ENE N/K E 2-4km E 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E 2-4km E 2-4km E	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 2 undetermined explosions Heard 1 undetermined explosions Heard 5 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions		4 March, 17:43-17:47 4 March, 09:35 4 March, 09:45 4 March, 09:50-09:55 4 March, 10:00-10:05 4 March, 10:06-10:07
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controlled, 102km S of Donetsk) Zaichenko ("DPR"- controlled, 26km NE of	10-15km ENE N/K E 2-4km E 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E 2-4km E 2-4km E 2-4km E	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 2 undetermined explosions Heard 1 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 3 explosions (outgoing) Heard 6 undetermined explosions Heard 14 undetermined	N/K	4 March, 17:43-17:47 4 March, 09:35 4 March, 09:45 4 March, 09:50-09:55 4 March, 10:00-10:05 4 March, 10:06-10:07 4 March, 10:06-10:07 4 March, 10:15-10:17
controlled, 102km S of Donetsk) Zaichenko ("DPR"- controlled, 26km NE of	10-15km ENE N/K E 2-4km E 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E 2-4km E 2-4km E 2-4km E	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 2 undetermined explosions Heard 1 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 3 explosions (outgoing) Heard 6 undetermined explosions Heard 14 undetermined explosions	N/K - N/K	4 March, 17:43-17:47 4 March, 09:35 4 March, 09:45 4 March, 09:50-09:55 4 March, 10:00-10:05 4 March, 10:06-10:07 4 March, 10:06-10:07 4 March, 10:15-10:17
Zaichenko ("DPR"-controlled, 26km NE of Mariupol)	10-15km ENE N/K E 2-4km E 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E 2-4km E 2-4km E 2-4km E 2-3km E	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 5 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 4 undetermined explosions Heard 5 undetermined explosions Heard 6 undetermined explosions Heard 14 undetermined explosions Heard 3 bursts	N/K N/K HMG	4 March, 17:43-17:47 4 March, 09:35 4 March, 09:45 4 March, 09:50-09:55 4 March, 10:00-10:05 4 March, 10:06-10:07 4 March, 10:06-10:07 4 March, 10:15-10:17 4 March, 10:30-10:37
zaichenko ("DPR"-controlled, 26km NE of Mariupol)	10-15km ENE N/K E 2-4km E 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E 2-4km E 2-4km E 2-4km E	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 5 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 4 undetermined explosions Heard 5 undetermined explosions Heard 6 undetermined explosions Heard 14 undetermined explosions Heard 3 bursts Heard 10 shots	N/K N/K HMG AGL	4 March, 17:43-17:47 4 March, 09:35 4 March, 09:45 4 March, 09:50-09:55 4 March, 10:00-10:05 4 March, 10:06-10:07 4 March, 10:06-10:07 4 March, 10:15- 10:17 4 March, 10:30- 10:37 4 March, 10:54
Zaichenko ("DPR"-controlled, 26km NE of Mariupol) Lebedynske (government-controlled,	10-15km ENE N/K E 2-4km E 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E 2-4km E 2-4km E 2-4km E 2-3km E	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 5 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 4 undetermined explosions Heard 5 undetermined explosions Heard 6 undetermined explosions Heard 14 undetermined explosions Heard 3 bursts	N/K N/K HMG AGL N/K	4 March, 17:43-17:47 4 March, 09:35 4 March, 09:45 4 March, 09:50-09:55 4 March, 10:00-10:05 4 March, 10:06-10:07 4 March, 10:06-10:07 4 March, 10:15- 10:17 4 March, 10:30- 10:37 4 March, 10:54
Zaichenko ("DPR"-controlled, 26km NE of Mariupol) Lebedynske	10-15km ENE N/K E 2-4km E 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E 2-4km E 2-4km E 2-4km E 2-3km E	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 3 explosions (outgoing) Heard 6 undetermined explosions Heard 14 undetermined explosions Heard 3 bursts Heard 10 shots Heard 3 undetermined explosions Heard 3 undetermined explosions	N/K N/K HMG AGL	4 March, 17:43-17:47 4 March, 09:35 4 March, 09:45 4 March, 09:50-09:55 4 March, 10:00-10:05 4 March, 10:06-10:07 4 March, 10:06-10:07 4 March, 10:15-10:17 4 March, 10:30-10:37 - 4 March, 10:54
Zaichenko ("DPR"-controlled, 26km NE of Mariupol) Lebedynske (government-controlled,	10-15km ENE N/K E 2-4km E 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E 2-4km E 2-4km E 2-4km E 2-4km E N/K S 2-3km E	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 3 explosions (outgoing) Heard 6 undetermined explosions Heard 14 undetermined explosions Heard 3 bursts Heard 10 shots Heard 3 undetermined explosions Heard 3 undetermined explosions	N/K N/K HMG AGL N/K	4 March, 17:43-17:47 4 March, 09:35 4 March, 09:45 4 March, 09:50-09:55 4 March, 10:00-10:05 4 March, 10:06-10:07 4 March, 10:15- 10:17 4 March, 10:30- 10:37 4 March, 10:54 4 March, 10:55- 10:56
zaichenko ("DPR"-controlled, 26km NE of Mariupol) Lebedynske (government-controlled,	10-15km ENE N/K E 2-4km E 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E 2-4km E 2-3km E 2-3km NNE 2-3km NNE	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 4 undetermined explosions Heard 3 explosions (outgoing) Heard 6 undetermined explosions Heard 14 undetermined explosions Heard 3 bursts Heard 10 shots Heard 3 undetermined explosions Heard 3 shots Heard 6 undetermined explosions	N/K N/K HMG AGL N/K	4 March, 17:43-17:47 4 March, 09:35 4 March, 09:45 4 March, 09:50-09:55 4 March, 10:00-10:05 4 March, 10:06-10:07 4 March, 10:15-10:17 4 March, 10:30-10:37 4 March, 10:54 4 March, 10:55-10:56 4 March, 11:15 4 March, 11:52
zaichenko ("DPR"-controlled, 26km NE of Mariupol) Lebedynske (government-controlled,	10-15km ENE N/K E 2-4km E 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E 2-4km E 2-4km E 2-4km E 2-4km E 2-4km E N/K S 2-3km E	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 4 undetermined explosions Heard 3 explosions (outgoing) Heard 6 undetermined explosions Heard 14 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 3 undetermined explosions Heard 3 undetermined explosions Heard 3 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions	N/K N/K HMG AGL N/K Small arms	4 March, 17:43-17:47 4 March, 09:35 4 March, 09:45 4 March, 09:50-09:55 4 March, 10:00-10:05 4 March, 10:06-10:07 4 March, 10:15- 10:17 4 March, 10:30- 10:37 4 March, 10:54 4 March, 10:55- 10:56 4 March, 11:15
controlled, 102km S of Donetsk) Zaichenko ("DPR"-controlled, 26km NE of Mariupol) Lebedynske (government-controlled,	10-15km ENE N/K E 2-4km E 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E N/K ENE 2-4km E 2-4km E 2-3km E 2-3km NNE 2-3km NNE	Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 4 undetermined explosions Heard 3 explosions (outgoing) Heard 6 undetermined explosions Heard 14 undetermined explosions Heard 3 bursts Heard 10 shots Heard 3 undetermined explosions Heard 3 shots Heard 6 undetermined explosions	N/K N/K HMG AGL N/K	4 March, 17:43-17:47 4 March, 09:35 4 March, 09:45 4 March, 09:50-09:55 4 March, 10:00-10:05 4 March, 10:06-10:07 4 March, 10:15-10:17 4 March, 10:30-10:37 4 March, 10:54 4 March, 10:55-10:56 4 March, 11:15 4 March, 11:52

		Heard 12 explosions (outgoing), followed by 12 explosions (impacts)		
	N/K NE	Heard 8 undetermined explosions	G II	_
	2-3km E	Heard 15 single shots Heard 10 explosions (outgoing)	Small arms Artillery (type N/K)	
	2-3KII E 2km NW	Heard 5 bursts	Small arms	4 March, 10:37- 10:40
	N/K N	Heard 1 undetermined explosion	N/K	
	4km WSW	Heard 5 bursts	Small arms	4 March, 10:45-10:50
	N/K N	Heard 5 undetermined explosions	N/K	
		Heard 15 bursts		4 March, 10:50-11:20
	N/K NW	Heard 40 single shots	Small arms	,
2km SSE of Sakhanka	N/K N	Heard 5 undetermined explosions	N/K	
("DPR"-controlled,	2-3km W	Heard 1 undetermined explosion	IN/IX	
24km NE of Mariupol)	N/K NW	Heard more than 100 bursts	- Small arms	
2-km N2 of Marapor)		Heard more than 100 bursts		4 March, 11:50-12:30
		Heard 5 bursts	AGL	
		Heard uncountable overlapping	HMG	
	N/K WSW	bursts	11110	
		Heard 179 single shots	Small arms	
		Heard 69 bursts		4 March, 12:40-12:46
		Heard 8 explosions (outgoing)	N/K	,
TT / /		Heard 9 explosions (impacts)		
Hnutove (government-	N/K SE	Heard 10 undetermined	N/IZ	4 Manual, 10,25, 10,50
controlled, 20km NE of Mariupol)	N/K S	explosions Heard 2 undetermined explosions	N/K	4 March, 10:35- 10:50
Warupor)	1.5km ENE	Heard 6 undetermined explosions	N/K	
SW edge of Shyrokyne	1.JKIII EINE	Heard 50 shots	Small arms	4 March 12:20-12:41
(20km E of Mariupol)	N/K ENE	Heard 7 shots	AGL	4 March, 12:20-12:41
		Heard 26 undetermined	HOL	
Sopyne (government-		explosions		4 March, 13:42-13:56
controlled, 16km E of	2-6km NE	Heard 13 undetermined	N/K	435 1 1256 1402
Mariupol)		explosions		4 March, 13:56-14:02
		Heard 276 explosions (impacts		
Kadiivka (formerly	10-15km W	and outgoing)	- N/K	3 March, 17:30-21:00
Stakhanov, "LPR"-		Heard 120 shots		
controlled, 50km W of	3-5km NW	Heard 16 undetermined	11/12	
Luhansk)		explosions		3 March, 21:40-21:45
	20km NW	Heard 7 undetermined explosions		
		Heard 150 bursts	HMG	
5km N of Kalynove	61 N	Heard 80 explosions (impacts and	Mortar	434 1 00 07 00 20
("LPR"-controlled,	5km N	outgoing)		4 March, 09:05-09:30
60km W of Luhansk)		Heard 50 explosions (impacts and outgoing)	Artillery	
		Heard 52 bursts	HMG	
		Heard 30 bursts	Small arms	4
		Heard 40 bursts	Cannon (30mm)	_
"LPR"-controlled part		Heard 35 explosions (impacts and		
of the Zolote	3-5km	outgoing)	Artillery (120mm)	43.5 4 00 04 00 04
disengagement area	WNW(outside the disengagement area)	Heard 20 explosions (impacts and	Artillery (152mm)	4 March, 09:06-09:31
(60km W of Luhansk)	56.	outgoing)	, , , (=======,	4
		Heard 15 explosions (impacts and	Mortar (120mm)	
		outgoing)	SPG	_
Holubivske ("LPR"-		Heard 20 shots Heard over 30 bursts	AGL	
controlled, 51km W of	3-5km SW			4 March, 09:07-09:20
Luhansk)	3-3Km 5 W	Heard over 30 bursts	HMG	4 March, 09:07-09:20
		Heard 10 shots	Small arms	
Muratove (government-		Heard 3 bursts	Cannon (30mm)	1
controlled, 51km NW	8km SW	Heard 5 bursts	Anti-aircraft gun (ZU-	4 March, 09:12-09:25
of Luhansk)		Heard 5 explosions (impacts)	23, 23mm) Mortar (120mm)	-
Sentianivka (formerly	1	Ticaru 5 exprosions (impacts)	ivioriai (120111111)	+
Frunze, "LPR"- controlled, 44km W of	0.5–1km NNW	Heard 23 bursts	Cannon (30mm)	4 March, 09:53-09:56

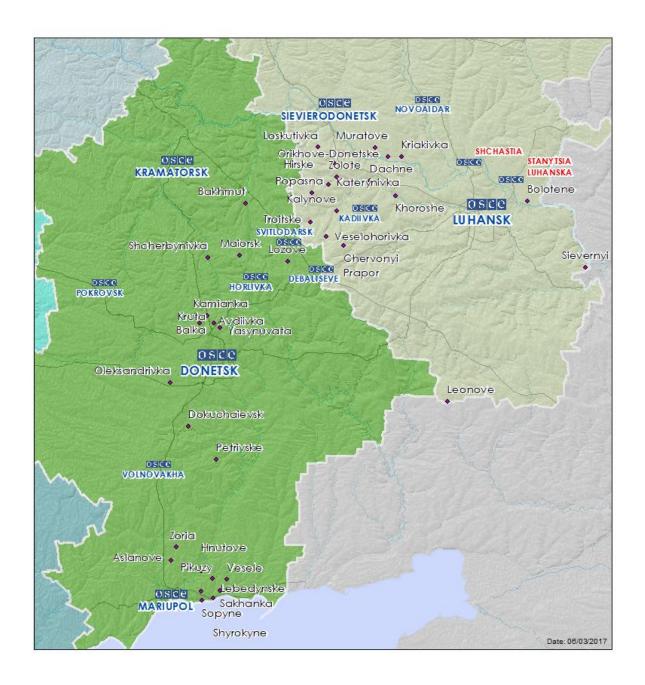
Luhansk)		H 12 1 ' (' 4)	M ((120)	
1km W of Kriakivka (government-controlled, 38km NW of Luhansk)	3km SW	Heard 3 explosions (impacts) Heard 1 burst	Mortar (120mm) IFV (BMP-1) cannon (73mm)	4 March, 10:12-10:14
Zolote-5 ("LPR"- controlled, 61km NW of Luhansk)	3-5km NNE	Heard 4 undetermined explosions	N/K	4 March, 10:26
Berezivske ("LPR"- controlled, 53km NW	3km E	Heard 1 undetermined explosion Heard and saw 1 explosion	Artillery (calibre N/K)	4 March, 11:02
of Luhansk) Troitske (government-controlled, 69km W of	1-1.5km SE	(impact) Heard 2 undetermined explosions	Mortar (82mm)	4 March, 12:30
Luhansk) Staryi Aidar	10-15km W	Heard 5 undetermined explosions		
(government-controlled, 20km NW of Luhansk)	5km W	Heard 3 shots	N/K	4 March, 12:42-12:53
Donetsk city centre ("DPR"-controlled)	8-10km NW	Heard 2 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 2 undetermined explosions Heard 1 undetermined explosions	N/K	4 March, 21:23 4 March, 21:32 4 March, 21:34 4 March, 21:44 4 March, 21:46 4 March, 22:02
Horlivka ("DPR"- controlled, 39km NE of Donetsk)	3-5km SW	Heard 11 explosions (outgoing)	Artillery (type N/K)	4 March, 22:21
2 one and	3-5km S	Heard 2 undetermined explosions Heard 1 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions		4 March, 19:52 4 March, 19:57 4 March, 19:58 4 March, 19:59
	3-5km SSE	Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 4 undetermined explosions Heard 5 undetermined explosions Heard 4 undetermined explosions Heard 7 undetermined explosions Heard 3 undetermined explosions Heard 4 undetermined explosions	N/K	4 March, 20:43 4 March, 20:46 4 March, 20:47 4 March, 20:50 4 March, 20:53 4 March, 20:56 4 March, 21:02 4 March, 21:04
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SSE	Heard uncountable and overlapping undetermined explosions Heard uncountable and overlapping bursts and shots	N/K HMG, small arms	5 March, 06:29-07:00
	5-6km NW	Heard 6 undetermined explosions	N/K	5 March, 07:05
	4-5km SE	Heard 1 explosion (impact)	Artillery (N/K type)	5 March, 10:26
	5-7km SW 5km S	Heard 6 undetermined explosions Heard 1 undetermined explosion Heard 2 undetermined explosions	N/K	5 March, 11:20-11:25 5 March, 13:30 5 March, 15:00
	5km W	Heard 2 undetermined explosions		5 March, 16:20
	2.5km SE	Heard 23 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	5 March, 17:30-18:02
	3km S	Heard 200 shots Heard 200 bursts	Anti-aircraft cannon (ZU-23, 23mm) HMG	5 March, 18:02-18:30
		Heard 100 bursts Recorded 1 illumination flare	Small arms N/K	4 March, 18:42
SMM camera in	N/K N	from E to W Recorded 1 illumination flare from E to W Recorded 1 rocket-assisted		4 March, 18:48
Shyrokyne (20km E of		projectile from E to W		4 March, 18:57
Mariupol)	N/K NNE	Recorded 1 projectile from S to N Recorded 1 subsequent explosion (impact)	N/K	4 March, 21:24
		Recorded 7 tracer rounds from E to W		4 March, 21:39

		Recorded 16 tracer rounds from E to W		4 March, 21:42
		Recorded 14 tracer rounds from SE to NW		4 March, 21:44-21:45
		Recorded 3 tracer rounds from W to E		4 March, 21:47-21:48
		Recorded 18 tracer rounds from E to W		4 March, 21:49
		Recorded 1 tracer round from W to E		4.14 1 21 52 21 54
		Recorded 6 tracer rounds from E to W		4 March, 21:53-21:54
		Recorded 1 tracer round from W to E		4 March, 21:56
		Recorded 4 tracer rounds from E to W		4 March, 21:56
1		Recorded 3 tracer round from W to E		4 March, 21:57-21:58
		Recorded 1 tracer round from W to E		4 March, 22:00
		Recorded 6 tracer rounds from E to W	N/K	4 March, 22:18
		Recorded 1 tracer round from E to W	-	4 March, 22:21
		Recorded 1 tracer round from E to W	-	4 March, 22:26
		Recorded 3 tracer rounds from E to W	-	4 March, 22:28
		Recorded 2 tracer rounds from SSE to NNW		5 March, 00:18
		Recorded 9 tracer rounds from	-	5 March, 00:49
		Recorded 21 tracer rounds from	_	
		ESE to WNW Recorded 21 tracer rounds from WNW to ESE		5 March, 00:55
		Recorded 5 tracer rounds from ESE to WNW	-	5 March, 01:14
		Recorded 6 tracer rounds from ESE to WNW	-	5 March, 01:17
		Recorded 30 tracer rounds from WNW to ESE	-	5 March, 01:19
		Recorded 9 tracer rounds from WNW to ESE	- N/K	5 March, 01:20
1		Recorded 16 tracer rounds from WNW to ESE		5 March, 01:20
		Recorded 18 tracer rounds from ESE to WNW		5 Match, 01.20
		Recorded 44 tracer rounds from WNW to ESE Recorded 1 illumination flare in		5 March, 01:22
		vertical flight Recorded 1 illumination flare from WNW to ESE		5 March, 01:24
		Recorded 5 tracer rounds from ESE to WNW	1	5 March, 01:29
		Recorded 1 explosion (impact)	Mortar (82mm)	5 March, 17:10
		Recorded 5 shots (muzzle flash)	Small arms	5 March, 17:20-17:24
	3km NE	Recorded 8 shots (muzzle flash) Recorded 3 undetermined		5 March, 17:42-17:49
		explosions Recorded 2 undetermined explosions	N/K	5 March, 18:13
Kalininskyi district	7 101 N		A	F.M1 07 25 07 25
("DPR"-controlled,	7-10km N	Heard 8-10 explosions (outgoing)	Artillery (type N/K)	5 March, 07:25-07:35

centre)				
Avdiivka (government- controlled, 17km N of Donetsk)	7-10km SSE	Heard 17 undetermined explosions	N/K	5 March, 07:52-08:00
		Heard 16 undetermined explosions		5 March, 12:15-12:45
	1-2km SE	Heard 17 undetermined		5 March, 12:46-13:46
		explosions Heard 3 bursts	HMG	5 March, 09:12
		Heard 4 undetermined explosions	TIMO	5 March, 09:13-09:13
		Heard 1 undetermined explosion	N/K	5 March, 09:17
		Heard 2 undetermined explosions	11/11	5 March, 09:21
		Heard 2 bursts	HMG	5 March, 09:22
		Heard 2 undetermined explosions	N/K	5 March, 09:27
Vacumuusta ("DDD"		Heard 1 undetermined explosion	IN/ IX	5 March, 10:55
Yasynuvata ("DPR"- controlled, 16km NE of	2-3km W	Heard 4 bursts	HMG	5 March, 11:10
Donetsk)	2-3KIII W	Heard 1 undetermined explosion	N/K	5 March, 11:20
Donetsk)		Heard 3 bursts	HMG	5 March, 11:28
		Heard 1 undetermined explosion		5 March, 11:45
		Heard 2 undetermined explosions		5 March, 12:20
		Heard 1 undetermined explosion	N/K	5 March, 12:27
		Heard 1 undetermined explosion		5 March, 12:32
		Heard 15 undetermined		5 March, 12:50-13:10
n		explosions		
Petrivske ("DPR"-	2.21 0	Heard 3 bursts	G 11	5 M 1 10 10 10 4
controlled, 41km S of Donetsk)	2-3km S	Heard 49 shots	Small arms	5 March, 10:12-10:4
2.9km SSE of Lozove		Heard and saw 4 explosions	- Mortar (82mm)	5 March, 11:50
("DPR-controlled,	0.5km NNE	(outgoing)		3 Waten, 11.30
52km NE of Donetsk		Heard and saw 4 explosions		5 March, 12:00
		(outgoing)		·
Donetsk central railway	4-6km NW	Heard 7 undetermined explosions	N/K	5 March, 13:00-13:1
station ("DPR"-		Heard 6 undetermined explosions		5 March, 13:15-13:22
controlled, 6km NW of	3-5km NW	Heard 31 undetermined		5 March, 13:28-13:4
Donetsk city centre)	3-4km W	explosions Heard 4 undetermined explosions		5 March, 13:48-13:5
	N/K NE	Heard 4 undetermined explosions		3 March, 15:46-15:3
		Heard 5 explosions (outgoing),	-	5 March, 09:15-09:2
	M/V MW/(outgoing)	Theath 3 explosions (outgoing).	- N/K	3 March, 09:13-09:2
	N/K NW(outgoing)			
	N/K SE (impacts)	followed by explosions (impacts)	N/K	
	N/K SE (impacts) N/K SE	followed by explosions (impacts) Heard 5 undetermined explosions	N/K	
	N/K SE (impacts) N/K SE N/K NE	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions	N/K	
3km NW of	N/K SE (impacts) N/K SE N/K NE N/K N	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions		
	N/K SE (impacts) N/K SE N/K NE	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts	Small arms	5 March, 09:22-09:4
Lebedynske	N/K SE (impacts) N/K SE N/K NE N/K N N/K N	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions	Small arms N/K	5 March, 09:22-09:4
Lebedynske (government-controlled,	N/K SE (impacts) N/K SE N/K NE N/K N	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts	Small arms N/K Small arms	5 March, 09:22-09:4
Lebedynske (government-controlled,	N/K SE (impacts) N/K SE N/K NE N/K N N/K N	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions	Small arms N/K Small arms IFV (BMP-2) cannon	5 March, 09:22-09:4
3km NW of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K SE (impacts) N/K SE N/K NE N/K N N/K N	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts Heard 20 shots	Small arms N/K Small arms	5 March, 09:22-09:4.
Lebedynske (government-controlled,	N/K SE (impacts) N/K SE N/K NE N/K N N/K N	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts	Small arms N/K Small arms IFV (BMP-2) cannon (30mm)	5 March, 09:22-09:4
Lebedynske (government-controlled,	N/K SE (impacts) N/K SE N/K NE N/K N N/K NE N/K NE	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts Heard 20 shots Heard 20 bursts	Small arms N/K Small arms IFV (BMP-2) cannon (30mm) HMG Small arms	,
Lebedynske (government-controlled,	N/K SE (impacts) N/K SE N/K NE N/K N N/K NE N/K NE	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts Heard 20 shots Heard 20 bursts Heard 10 shots	Small arms N/K Small arms IFV (BMP-2) cannon (30mm) HMG	,
Lebedynske (government-controlled,	N/K SE (impacts) N/K SE N/K NE N/K N N/K NE N/K SE N/K NE	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts Heard 20 shots Heard 20 bursts Heard 10 shots Heard 1 undetermined explosion	Small arms N/K Small arms IFV (BMP-2) cannon (30mm) HMG Small arms	,
Lebedynske (government-controlled, 16km NE of Mariupol)	N/K SE (impacts) N/K SE N/K NE N/K NE N/K NE N/K NE N/K ESE	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts Heard 20 shots Heard 20 bursts Heard 10 shots Heard 1 undetermined explosion Heard 3 undetermined explosion	Small arms N/K Small arms IFV (BMP-2) cannon (30mm) HMG Small arms N/K	,
Lebedynske (government-controlled, 16km NE of Mariupol) 3km N of Aslanove	N/K SE (impacts) N/K SE N/K NE N/K NE N/K NE N/K NE N/K ESE N/K ESE	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts Heard 20 shots Heard 20 bursts Heard 10 shots Heard 1 undetermined explosion Heard 3 undetermined explosion Heard 4 bursts	Small arms N/K Small arms IFV (BMP-2) cannon (30mm) HMG Small arms N/K Small arms	5 March, 11:55-12:2
Lebedynske (government-controlled, 16km NE of Mariupol) 3km N of Aslanove (government-controlled,	N/K SE (impacts) N/K SE N/K NE N/K NE N/K NE N/K NE N/K ESE N/K ESE	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts Heard 20 shots Heard 10 shots Heard 1 undetermined explosion Heard 3 undetermined explosion Heard 3 undetermined explosion Heard 1 undetermined explosions Heard 4 bursts Heard 7 undetermined explosions Heard 21 undetermined explosions	Small arms N/K Small arms IFV (BMP-2) cannon (30mm) HMG Small arms N/K	5 March, 11:55-12:2 5 March, 09:19-09:3
Lebedynske (government-controlled, 16km NE of Mariupol) 3km N of Aslanove (government-controlled,	N/K SE (impacts) N/K SE N/K NE N/K NE N/K NE N/K NE N/K ESE N/K ESE N/K ESE N/K NE N/K ESE	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts Heard 20 shots Heard 10 shots Heard 1 undetermined explosion Heard 3 undetermined explosion Heard 3 undetermined explosion Heard 1 undetermined explosions Heard 4 bursts Heard 7 undetermined explosions Heard 21 undetermined explosions Heard 6 undetermined explosions	Small arms N/K Small arms IFV (BMP-2) cannon (30mm) HMG Small arms N/K Small arms	5 March, 11:55-12:2 5 March, 09:19-09:3
Lebedynske (government-controlled, 16km NE of Mariupol) 3km N of Aslanove (government-controlled,	N/K SE (impacts) N/K SE N/K NE N/K NE N/K NE N/K NE N/K ESE N/K ESE N/K ESE N/K NE N/K ESE N/K NE N/K SE N/K SE	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts Heard 20 shots Heard 10 shots Heard 1 undetermined explosion Heard 3 undetermined explosions Heard 4 bursts Heard 7 undetermined explosions Heard 6 undetermined explosions Heard 6 undetermined explosions Heard 14 explosions (outgoing)	Small arms N/K Small arms IFV (BMP-2) cannon (30mm) HMG Small arms N/K Small arms	5 March, 11:55-12:2 5 March, 09:19-09:3
Lebedynske (government-controlled, 16km NE of Mariupol) 3km N of Aslanove (government-controlled,	N/K SE (impacts) N/K SE N/K NE N/K NE N/K NE N/K NE N/K ESE N/K ESE N/K ESE N/K ESE N/K ESE N/K NE N/K SE N/K SE N/K SE N/K SE	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts Heard 20 shots Heard 10 shots Heard 1 undetermined explosion Heard 3 undetermined explosions Heard 4 bursts Heard 7 undetermined explosions Heard 6 undetermined explosions Heard 6 undetermined explosions Heard 14 explosions (outgoing) Heard 6 explosions (outgoing)	Small arms N/K Small arms IFV (BMP-2) cannon (30mm) HMG Small arms N/K Small arms	5 March, 11:55-12:2 5 March, 09:19-09:3 5 March, 09:30-09:3
Lebedynske (government-controlled, 16km NE of Mariupol) 3km N of Aslanove (government-controlled, 16km N of Mariupol)	N/K SE (impacts) N/K SE N/K NE N/K NE N/K NE N/K NE N/K ESE N/K ESE N/K ESE N/K NE N/K ESE N/K NE N/K SE N/K SE	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts Heard 20 shots Heard 10 shots Heard 1 undetermined explosion Heard 3 undetermined explosions Heard 4 bursts Heard 7 undetermined explosions Heard 6 undetermined explosions Heard 6 undetermined explosions Heard 14 explosions (outgoing) Heard 6 explosions (outgoing) Heard 24 explosions (impacts)	Small arms N/K Small arms IFV (BMP-2) cannon (30mm) HMG Small arms N/K Small arms	5 March, 11:55-12:2 5 March, 09:19-09:3 5 March, 09:30-09:3
Lebedynske (government-controlled, 16km NE of Mariupol) 3km N of Aslanove (government-controlled, 16km N of Mariupol) 3km NNE of Hnutove	N/K SE (impacts) N/K SE N/K NE N/K NE N/K NE N/K NE N/K ESE N/K ESE N/K ESE N/K NE N/K ESE N/K NE N/K SE N/K SE N/K E SE Skm SE 7-8km SW N/K ESE	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts Heard 20 shots Heard 10 shots Heard 1 undetermined explosion Heard 3 undetermined explosions Heard 4 bursts Heard 7 undetermined explosions Heard 21 undetermined explosions Heard 21 undetermined explosions Heard 21 undetermined explosions Heard 6 undetermined explosions Heard 6 undetermined explosions Heard 14 explosions (outgoing) Heard 6 explosions (outgoing) Heard 24 explosions (impacts) Heard uncountable overlapping	Small arms N/K Small arms IFV (BMP-2) cannon (30mm) HMG Small arms N/K Small arms N/K Artillery (type N/K)	5 March, 11:55-12:2 5 March, 09:19-09:3 5 March, 09:30-09:3
Lebedynske (government-controlled, 16km NE of Mariupol) 3km N of Aslanove (government-controlled, 16km N of Mariupol) 3km NNE of Hnutove (government-controlled,	N/K SE (impacts) N/K SE N/K NE N/K NE N/K NE N/K NE N/K ESE N/K ESE N/K ESE N/K ESE N/K ESE N/K NE N/K SE N/K SE N/K SE N/K SE	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts Heard 20 shots Heard 10 shots Heard 1 undetermined explosion Heard 3 undetermined explosions Heard 4 bursts Heard 7 undetermined explosions Heard 6 undetermined explosions Heard 6 undetermined explosions Heard 14 explosions (outgoing) Heard 24 explosions (impacts) Heard uncountable overlapping bursts	Small arms N/K Small arms IFV (BMP-2) cannon (30mm) HMG Small arms N/K Small arms N/K Small arms N/K Small arms	5 March, 11:55-12:23 5 March, 09:19-09:30 5 March, 09:30-09:30
Lebedynske (government-controlled,	N/K SE (impacts) N/K SE N/K NE N/K NE N/K NE N/K NE N/K ESE N/K ESE N/K ESE N/K NE N/K ESE N/K NE N/K SE N/K SE N/K E SE Skm SE 7-8km SW N/K ESE	followed by explosions (impacts) Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 5 undetermined explosions Heard 3 bursts Heard 3 undetermined explosions Heard 2 bursts Heard 20 shots Heard 10 shots Heard 1 undetermined explosion Heard 3 undetermined explosions Heard 4 bursts Heard 7 undetermined explosions Heard 21 undetermined explosions Heard 21 undetermined explosions Heard 21 undetermined explosions Heard 6 undetermined explosions Heard 6 undetermined explosions Heard 14 explosions (outgoing) Heard 6 explosions (outgoing) Heard 24 explosions (impacts) Heard uncountable overlapping	Small arms N/K Small arms IFV (BMP-2) cannon (30mm) HMG Small arms N/K Small arms N/K Artillery (type N/K)	5 March, 09:22-09:43 5 March, 11:55-12:23 5 March, 09:19-09:30 5 March, 09:30-09:30 5 March, 09:14-09:23

	N/K SE	Heard uncountable overlapping bursts	Small arms	
Hnutove (government- controlled, 20km NE of Mariupol)	N/K E	Heard 2 undetermined explosions		5 March, 10:28
	N/K SW	Heard 2 undetermined explosion	NI/IZ	5 March, 10:55
	N/K SE	Heard 15 undetermined explosions	N/K	5 March, 11:02-11:06
	N/K SE	Heard 1 explosions (outgoing)	Artillery (type N/K)	5 March, 11:09
1km N of Zaichenko	4km SSW	Heard 2 explosions (impacts)	N/K	5 March, 11:15
("DPR"-controlled,	4km SSW	Heard 8 bursts	HMG	
26km NE of Mariupol)	2km SSW	Heard 3 shots	Small arms	5 March, 11:35
Pikuzy (formerly Kominternove) ("DPR"-controlled, 23km NE of Mariupol)	100-150m NW	Heard 2 explosions (outgoing)	Mortar (82mm)	5 March, 12:25
Bezimenne ("DPR"- controlled, 30km E of Mariupol)	N/K W	Heard 1 undetermined explosion	N/K	5 March, 13:50
	3-5km SW	Heard 11 explosions (outgoing)	Artillery (type N/K)	4 March, 22:21
11 1: 1 ("DDD"		Heard 12 bursts	HMG	5.M 1 00.05.00.50
Horlivka ("DPR"- controlled, 39km NE of	1-2km SW	Heard 5 shots	AGL	5 March, 08:05-09:50
Donetsk)		Heard 20 bursts	Small arms	5 March, 09:40-09:50
Dolletsk)	9-10km SW	Heard 30 undetermined explosions	N/K	5 March, 15:03-15:24
Maiorsk (government- controlled, 45km NE of Donetsk)	3-4km SE	Heard 6 explosions (outgoing)	Mortar (82mm)	5 March, 12:10
Kadiivka (formerly	1-2km N	Heard 4 undetermined explosions		4 March, 21:11-21:13
Stakhanov, "LPR"-	15-20km NW	Heard 3 undetermined explosions	N/K	4 March, 21:41
controlled, 50km W of Luhansk)	10-15km NW	Heard 42 undetermined explosions		4 March, 21:50 - 23:53
Kalynove ("LPR"- controlled, 60km W of Luhansk)	10-12km SW	Heard 45 explosions (impacts and outgoing) Heard 35 bursts	Mortar (calibre N/K), artillery (calibre N/K) HMG	5 March, 09:00- 09:20
	10km S	Heard 5 explosions (impacts)	Mortar (120mm)	
2.5km SE of Muratove (government-controlled,	5km S	Heard 5 bursts	IFV (BMP-2) cannon (30mm)	5 March, 09:33-09:40
51km NW of Luhansk)	5-7km SE	Heard 8 explosions (impacts)	Artillery (152mm)	
	2km SE	Heard 1 undetermined explosion	Mortar (82mm)	5 March, 10:17
Molodizhne ("LPR"- controlled, 63km NW of Luhansk)	1km SW and NW	Heard 30 bursts	IFV (BMP-2) cannon (30mm)	5 March, 09:58-10:11
Zolote (government- controlled, 60km W of Luhansk),	2-3km SE	Heard 1 undetermined explosion (the SMM was not able to assessed whether it occurred inside the disengagement area)	N/K	5 March, 12:25

Map of Donetsk and Luhansk regions²



² The SMM is deployed to ten locations throughout Ukraine, Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv, as per Permanent Council Decision 1117 of 21 March 214. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs, and forward patrol bases) in Donetsk and Luhansk regions. (In red: forward patrol bases from which SMM staff has temporarily relocated since 27 September based on recommendations of security experts from participating States.)