Table of ceasefire violations as of 25 November 2016¹

	event	Observation	Type of weapon/ammunition	Date/time
		Heard 18 undetermined		24 November, 19:16-
		explosions		19:58
		Heard 15 undetermined		24 November, 20:01-
Park Inn Hotel ("DPR"-	8-10km NW	explosions		20:51
controlled, Donetsk city centre)	o-TUKIII IN W	Heard 7 undetermined explosions		24 November, 22:15- 22:35
		Heard 1 undetermined explosion	N/K	24 November, 23:58
		Heard 3 undetermined explosions		24 November, 00:00
	6-7km W	Heard 4 undetermined explosions		24 November, 19:15- 19:24
H 1: 1 ("DDD"	6-8km W	Heard 2 undetermined explosions		24 November, 19:53-
Horlivka ("DPR"-controlled,	4 51 W	_	C11	19:56
39km NE of Donetsk)	4-5km W	Heard 2 bursts	Small arms	24 November, 20:00
	6-8km W	Heard 7 undetermined explosions	N/K	24 November, 20:03- 20:59
	6-8km W	Heard 2 undetermined explosions		25 November, 13:45
		Heard 12 bursts		24 November, 18:30- 19:10
		Heard 17 bursts		24 November, 19:45-20:10
Svitlodarsk (government-	1.5-3km	Heard 31 bursts	HMG	24 November, 20:24- 21:05
controlled, 57km NE of	SSE		ПМО	24 November, 21:42-
Donetsk)		Heard 8 bursts		22:00
		Heard 16 bursts		24 November, 22:35- 23:30
	15km NW	Heard 2 undetermined explosions		25 November, 13:45
	N/K NE	Recorded 13 tracers of direct fire in flight from E to W		24 November, 18:55
 		Recorded 1 rocket-assisted		
		projectile in flight from E to W		24 November, 19:56
		Recorded 1 explosion (impact)		, , , , , , , , , , , , , , , , , , , ,
SMM camera in Shyrokyne	N/K N	Recorded 3 rocket-assisted	N/K	25.11
(20km E of Mariupol)	- " '	projectiles in flight from WSW to ENE		25 November, 00:04 00:10
		Recorded 1 explosion (impact)		25 November, 00:04
mar		Recorded 7 undetermined		25 November, 17:46-
	N/K NE	explosions		17:49
SMM camera in Petrivske ("DPR"-controlled, 41km Sof Donetsk)	1-2km SW	Recorded 1 illumination flare	N/K	24 November, 20:14
Donetsk)	5-8km N	Heard 1 undetermined explosion	N/K	25 November, 11:48
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	5-8km NW	Heard 11 bursts	Small arms	25 November, 11:57- 12:01
	2 21 11/	Heard 1 burst	HMG	25 November 12.05
	2-3km W	Heard 6 shots	Small arms	25 November, 12:05
	5-8km W	Heard 4 undetermined explosions	N/K	25 November, 12:43- 12:45
		Heard 3 bursts (3-5 shots)	HMG	25 November, 12:49
<u></u>	3-5km N	Heard 5 bursts	Small arms	25 November, 12:55
ŀ		Heard 2 undetermined explosions	N/K	25 November, 12:58
	5-8km W	Heard 1 bursts (10-15 shots)	HMG	25 November, 12:59

.

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.

Heard 29 undetermined explosions N/K 25 November, 13:00			I II 120 1		
Heard I 5 shots				N/K	
5-8km N				Cm all amm a	25 November, 13:00-
S-8km N				Small arms	13:30
4-6km N		5-8km N		N/K	
4-0km N				W/C	25 N 1 12 24
3-3 km N		4-6km N	` /	HMG	
3-5 km N Heard 3 burds (3-5 shots) 25 November, 13-34				Small arms	· ·
A-6km N		3-5km N	Heard 3 bursts (3-5 shots)		25 November, 13:40
S-8km NW		5-8km NW	Heard 3 undetermined explosions	N/K	25 November, 13:43
Heard 1 undetermined explosion HmG 13:49		4-6km N	Heard 10 bursts (3-5 shots)	Small arms	25 November, 13:44
Heard 1 burst		5-8km NW	Heard 3 undetermined explosions	NAZ	25 November, 13:45
Heard 1 burst			Heard 3 undetermined explosions	N/K	25 November, 13:48-
4-6km NW			1	HMG	
Heard 3 bursts (2-3 shots)		4-6km NW			
Heard burst 2-3km W Heard texplosion (impact) 25 November, 13:54		i okini i v v			
2-3km W					13:52
Skm N		2. 21cm W		Siliali alliis	25 November 12:54
Skm N		2-3KIII W			
6-8km W Heard 6 undetermined explosions 14:14-14:17 25 November, 14:12-125 25 November, 14:25 25 November, 14:25-125 25 November, 14:28-14:30 12-2km W Heard 6 undetermined explosions 12-2km W Heard 6 undetermined explosions 12-2km W Heard 1 undetermined explosions 12-3km W Heard 1 undetermined explosion 12-3km W Heard 1 undetermined explo		5km N	Heard I undetermined explosion		
6-8km W Heard 6 undetermined explosion 25 November, 14:20 25 November, 14:25 25 November, 14:26 25 November, 14:26 25 November, 14:28 14:30 14:3			Heard I undetermined explosion		
No. Heard 1 undetermined explosion Heard 1 undetermined explosion 14:20 25 November, 14:20 25 November, 14:20 25 November, 14:28 14:30		6-8km W	Heard 6 undetermined explosions		*
November 14:25 25 November 14:25 25 November 14:25 25 November 14:28 14:30		O OKIII W	•	N/K	
Heard 1 undetermined explosions 25 November, 14:25 25 November, 14:28 14:30		8-10km N			
1-2km W		G-TOKIII IN	Heard 1 undetermined explosion		
1-2km W Heard d undetermined explosions N/K 25 November, 09:45		£1 N	Hand Condetermined and all air a		25 November, 14:28-
Tkm W		5Km N	Heard 6 undetermined explosions		
November, 11:247 1-2km N Heard 1 undetermined explosions 1-2km N Heard 2 undetermined explosions 1-2km N Heard 3 undetermined explosions 1-2km N Heard 4 undetermined explosions 1-2km N Heard 3 undetermined explosions 1-2km N Heard 3 undetermined explosions 1-2km N Heard 4 undetermined explosions 1-2km N Heard 3 undetermined explosions 1-2km N Heard 4 undetermined explosions 1-2km N Heard 1 undetermined explosions 1-2km N Heard 2 undetermined explosions 1-2km N Heard 3 undetermined explosions 1-2km N Heard 4 undetermined explosions 1-2km N Heard 1 undetermined explosions 1-2km N 1-2km N Heard 1 undetermined explosions 1-2km N Heard 1 undetermined explosions 1-2km N Heard 1 undetermined explosion 1-2km N Heard 1 undetermined explosions 1-2km N Heard 2 undetermined explosions 1-2km N Heard 3 undetermined explosions 1-2km N Heard 4 undetermined explosions 1-2km N Heard 1 undetermined explosions 1-2km N 1-2		1-2km W	Heard 6 undetermined explosions	N/K	1
Varyunvata ("DPR"-controlled, 16km NE of Donetsk) 16km W 16km NE of Donetsk) 16km NE of Donetsk 16km NE		11 ***	Heard uncountable overlapping	0 11	25 November, 09:45
2-3km W		1km W		Small arms	
Part Undetermined explosion Part Par		2-3km W			25 November, 09:48
Part			-	N/K	·
Heard 120 undetermined explosions		2-3km SW	Heard 6 bursts	Small arms	25 November, 09:55
Pard uncountable overlapping bursts and single shots					
Pard uncountable overlapping bursts and single shots				N/K	25 November 10:20-
2-3km W Heard 1 undetermined explosion 25 November, 10:39- 10:40 25 November, 11:21 25 November, 11:21 25 November, 11:40- 11:41 25 November, 11:40- 11:41 25 November, 11:47 25 November, 11:47 25 November, 11:55 25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:57 25 November, 12:58 25 November, 13:01 25 November, 13:05 25 November, 13:05 25 November, 13:01 25 November, 13:05 25 November, 14:00 25 November, 14:10 25 November, 14:11					
Heard uncountable overlapping bursts and single shots		2-3km W			10.38
bursts and single shots 10:40				Small arms	25 Naviambar 10:20
2-4km W Heard 1 undetermined explosion 1-2km W Heard 2 undetermined explosions 25 November, 11:21 25 November, 11:28 25 November, 11:40 11:41 25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:57 25 November, 12:57 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:00 25 November, 13:00 25 November, 13:01 25 November, 13:01 25 November, 13:01 25 November, 13:51 25 November, 13:55 25 November, 13:55 25 November, 13:55 25 November, 13:59 Heard 1 burst (10-15 shots) Small arms 25 November, 14:04 3-4km W Heard 5 bursts Small arms 25 November, 14:10 3-4km W Heard 2 undetermined explosions N/K 25 November, 14:10 3-4km W Heard 5 bursts Small arms 25 November, 14:10 3-4km W Heard 5 bursts Small arms 25 November, 14:10 3-4km W Heard 5 bursts Small arms 25 November, 14:10 3-4km W Heard 5 bursts Small arms 25 November, 14:10 3-4km W Heard 5 bursts Small arms 25 November, 14:10 3-4km W Heard 5 bursts Small arms 3-5 November, 14:11 3-2 November					
1-2km W Heard 2 undetermined explosions 2-3km W Heard 4 undetermined explosions 2-3km SW Heard 1 undetermined explosion 25 November, 11:40-11:41 25 November, 11:47 25 November, 11:47 25 November, 11:47 25 November, 11:55 25 November, 11:55 25 November, 12:56 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 12:57 25 November, 12:57 25 November, 12:57 25 November, 12:57 25 November, 12:58 25 November, 12:58 25 November, 13:00 25 November, 13:00 25 November, 13:00 25 November, 13:01 25 November, 13:01 25 November, 13:01 25 November, 13:01 25 November, 13:51 25 November, 13:55 25 November, 14:00 N/K 25 November, 14:10 N/K N		2 41 337			
2-3km W Heard 4 undetermined explosions 2-3km SW Heard 1 undetermined explosion 25 November, 11:40- 11:41 25 November, 11:47 25 November, 11:55 25 November, 12:56 25 November, 12:56 25 November, 12:56 25 November, 12:57 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:00 25 November, 13:00 25 November, 13:00 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 14:00 25 November, 14			1		,
11:41 25 November, 11:47 25 November, 11:55 25 November, 12:56 25 November, 12:56 25 November, 12:57 25 November, 12:57 25 November, 12:57 25 November, 12:58 25 November, 12:58 25 November, 12:58 25 November, 12:58 25 November, 13:00 25 November, 13:00 25 November, 13:00 25 November, 13:01 25 November, 13:01 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 14:00		1-2km W	Heard 2 undetermined explosions		
2-3km SW		2-3km W	Heard 4 undetermined explosions	N/K	
1-2km S			•		
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk) 3-4km W Heard 3 undetermined explosions 3-4km SW 25 November, 12:56 3-4km SW Heard 1 undetermined explosion 3-4km SW Heard 1 undetermined explosion 3-4km SW 25 November, 13:00 3-4km NW Heard 1 undetermined explosion 3-4km W Heard 1 undetermined explosions 425 November, 13:01 2-3km W Heard 1 undetermined explosions 425 November, 13:06 2-3km W Heard 1 undetermined explosions 425 November, 13:55 Heard 2 undetermined explosions 54 Heard 1 undetermined explosions 425 November, 13:55 Heard 1 undetermined explosions 54 Heard 1 undetermined explosions 625 November, 13:55 Heard 1 undetermined explosions 75 Heard 1 undetermined explosions 75 November, 14:00 Heard 1 undetermined explosion 75 Heard 1 undetermined explosions 75 November, 14:00 Heard 2 undetermined explosions 75 November, 14:00 Heard 2 undetermined explosions 75 November, 14:00 Heard 2 undetermined explosions 75 November, 14:10 Heard 5 bursts 75 November, 14:11			Heard 1 undetermined explosion		L 25 November 11:47
3-4km SW		1 01 0			, and the second
16km NE of Donetsk 3-4km W Heard 1 undetermined explosion 3-4km NW Heard 1 undetermined explosion 3-4km NW Heard 1 undetermined explosion 3-4km W Heard 1 undetermined explosion 25 November, 13:00 25 November, 13:01 25 November, 13:01 25 November, 13:01 25 November, 13:01 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:55 25 November, 13:55 25 November, 13:59 25 November, 14:00 25 November, 14:10 25 November, 14:11 2		1-2Km S		Small arms	, and the second
3-4km W Heard 1 undetermined explosion 3-4km SW Heard 1 undetermined explosion 3-4km NW Heard 1 undetermined explosion 25 November, 13:00 25 November, 13:01 25 November, 13:01 25 November, 13:01 25 November, 13:06 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:55 25 November, 13:55 25 November, 13:59 25 November, 13:59 25 November, 13:59 25 November, 14:00 25 November, 14:00 25 November, 14:08 25 November, 14:08 25 November, 14:11 25	V	3-4km W		Small arms	25 November, 11:55
3-4km SW		3-4km W	Heard 3 undetermined explosions	Small arms	25 November, 11:55 25 November, 12:56
3-4km NW Heard 1 undetermined explosion 25 November, 13:01 25 November, 13:01 25 November, 13:06 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:55 25 November, 13:59 25 November, 13:59 25 November, 13:59 25 November, 13:59 25 November, 14:00 25 November, 14:00 25 November, 14:04 25 November, 14:04 25 November, 14:08 25 November, 14:08 25 November, 14:10 25 November, 14:11 25 No		3-4km W 3-4km SW	Heard 3 undetermined explosions Heard 1 undetermined explosion	Small arms	25 November, 11:55 25 November, 12:56 25 November, 12:57
3-4km W Heard 4 undetermined explosions 25 November, 13:06 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:55 25 November, 13:55 25 November, 13:59 25 November, 13:59 25 November, 13:59 25 November, 14:00 25 November, 14:00 25 November, 14:00 25 November, 14:04 25 November, 14:08 25 November, 14:08 25 November, 14:10 25 November, 14:10 25 November, 14:11 25 No		3-4km W 3-4km SW 3-4km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion	Small arms	25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58
2-3km W Heard 1 undetermined explosion 25 November, 13:51 3-4km W Heard 4 undetermined explosions 25 November, 13:59 4km W Heard 1 burst (10-15 shots) Small arms 25 November, 14:00 4km W Heard 1 undetermined explosion N/K 25 November, 14:04 3-4km W Heard 5 bursts Small arms 25 November, 14:10 4km W Heard 2 undetermined explosions N/K 25 November, 14:10 3 4km W Heard 5 bursts Small arms 25 November, 14:11		3-4km W 3-4km SW 3-4km W 3-4km SW	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion		25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00
Heard 4 undetermined explosions 25 November, 13:55 25 November, 13:55 25 November, 13:59 2-3km W Heard 1 burst (10-15 shots) Small arms 25 November, 14:00 Heard 1 undetermined explosion N/K 25 November, 14:04 3-4km W Heard 5 bursts Small arms 25 November, 14:10 25 November, 14:10 3 4km W Heard 5 bursts Small arms 25 November, 14:11 3 4km W Heard 5 bursts Small arms 25 November, 14:11 3 4km W Heard 5 bursts Small arms 25 November, 14:11 3 4km W Heard 5 bursts Small arms 25 November, 14:11 3 4km W Heard 5 bursts Small arms 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts Small arms 3 25 November, 14:11 3 4km W Heard 5 bursts 3 4km W Hea		3-4km W 3-4km SW 3-4km W 3-4km SW 3-4km NW	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion		25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01
Heard 2 undetermined explosions 25 November, 13:59		3-4km W 3-4km SW 3-4km W 3-4km SW 3-4km NW 3-4km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 4 undetermined explosions		25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:06
2-3km W Heard 1 burst (10-15 shots) Small arms 25 November, 14:00 Heard 1 undetermined explosion N/K 25 November, 14:04 3-4km W Heard 5 bursts Small arms 25 November, 14:08 2-3km W Heard 2 undetermined explosions N/K 25 November, 14:10 3-4km W Heard 5 bursts Small arms 25 November, 14:11		3-4km W 3-4km SW 3-4km W 3-4km SW 3-4km NW 3-4km W 2-3km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 4 undetermined explosions Heard 1 undetermined explosions		25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:06 25 November, 13:51
Heard 1 undetermined explosion N/K 25 November, 14:04 3-4km W Heard 5 bursts Small arms 25 November, 14:08 2-3km W Heard 2 undetermined explosions N/K 25 November, 14:10 3-4km W Heard 5 bursts Small arms 25 November, 14:11		3-4km W 3-4km SW 3-4km W 3-4km SW 3-4km NW 3-4km W 2-3km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 4 undetermined explosions Heard 1 undetermined explosions Heard 4 undetermined explosion		25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:06 25 November, 13:51 25 November, 13:55
3-4km W Heard 5 bursts Small arms 25 November, 14:08 2-3km W Heard 2 undetermined explosions N/K 25 November, 14:10 3-4km W Heard 5 bursts Small arms 25 November, 14:11		3-4km W 3-4km SW 3-4km W 3-4km SW 3-4km NW 3-4km W 2-3km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions	N/K	25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:59
2-3km W Heard 2 undetermined explosions N/K 25 November, 14:10 3.4km W Heard 5 bursts Small arms 25 November, 14:11		3-4km W 3-4km SW 3-4km W 3-4km SW 3-4km NW 3-4km W 2-3km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 1 burst (10-15 shots)	N/K Small arms	25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:59 25 November, 14:00
3 4km W Heard 5 bursts Small arms 25 November 14:11		3-4km W 3-4km SW 3-4km SW 3-4km SW 3-4km NW 2-3km W 2-3km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions	N/K Small arms N/K	25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:59 25 November, 14:00 25 November, 14:04
		3-4km W 3-4km SW 3-4km SW 3-4km SW 3-4km NW 2-3km W 2-3km W 2-3km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions Heard 5 bursts	N/K Small arms N/K Small arms	25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:59 25 November, 14:00 25 November, 14:04 25 November, 14:08
Heard 1 undetermined explosion N/K		3-4km W 3-4km SW 3-4km SW 3-4km SW 3-4km NW 2-3km W 2-3km W 2-3km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 1 burst (10-15 shots) Heard 1 undetermined explosions Heard 2 undetermined explosions	N/K Small arms N/K Small arms N/K	25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:59 25 November, 14:00 25 November, 14:04 25 November, 14:08
		3-4km W 3-4km SW 3-4km W 3-4km SW 3-4km NW 3-4km W 2-3km W 2-3km W 3-4km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 4 undetermined explosions Heard 5 bursts Heard 2 undetermined explosions Heard 5 bursts	N/K Small arms N/K Small arms N/K Small arms	25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:59 25 November, 14:00 25 November, 14:04 25 November, 14:08 25 November, 14:10
Heard 3 undetermined explosions 25 November, 14:12		3-4km W 3-4km SW 3-4km W 3-4km SW 3-4km NW 3-4km W 2-3km W 2-3km W 3-4km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 1 burst (10-15 shots) Heard 1 undetermined explosion Heard 5 bursts Heard 2 undetermined explosions Heard 1 undetermined explosions	N/K Small arms N/K Small arms N/K Small arms	25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:59 25 November, 14:00 25 November, 14:04 25 November, 14:04 25 November, 14:10 25 November, 14:11
Heard 1 undetermined explosion N/K 25 November, 14:13		3-4km W 3-4km SW 3-4km SW 3-4km SW 3-4km NW 3-4km W 2-3km W 2-3km W 3-4km W 3-4km W 3-4km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 1 burst (10-15 shots) Heard 1 undetermined explosions Heard 5 bursts Heard 2 undetermined explosions Heard 3 undetermined explosions	N/K Small arms N/K Small arms N/K Small arms	25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:59 25 November, 14:00 25 November, 14:04 25 November, 14:08 25 November, 14:10 25 November, 14:11
3-4km NW Heard 1 undetermined explosion 25 November, 14:15		3-4km W 3-4km SW 3-4km W 3-4km SW 3-4km NW 3-4km W 2-3km W 2-3km W 3-4km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 1 burst (10-15 shots) Heard 1 undetermined explosions Heard 5 bursts Heard 2 undetermined explosions Heard 3 undetermined explosions	N/K Small arms N/K Small arms N/K Small arms N/K	25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:59 25 November, 13:59 25 November, 14:00 25 November, 14:00 25 November, 14:04 25 November, 14:10 25 November, 14:11
Heard 1 burst Small arms 25 November, 14:16		3-4km W 3-4km SW 3-4km SW 3-4km SW 3-4km NW 3-4km W 2-3km W 3-4km W 2-3km W 3-4km W 2-3km W 2-3km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 1 burst (10-15 shots) Heard 1 undetermined explosions Heard 5 bursts Heard 2 undetermined explosions Heard 3 undetermined explosions	N/K Small arms N/K Small arms N/K Small arms N/K	25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:59 25 November, 14:00 25 November, 14:00 25 November, 14:04 25 November, 14:10 25 November, 14:11 25 November, 14:11
'		3-4km W 3-4km SW 3-4km SW 3-4km SW 3-4km NW 3-4km W 2-3km W 3-4km W 2-3km W 3-4km W 2-3km W 2-3km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosions Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosion Heard 3 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions	N/K Small arms N/K Small arms N/K Small arms N/K Small arms N/K	25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:59 25 November, 14:00 25 November, 14:00 25 November, 14:04 25 November, 14:10 25 November, 14:11 25 November, 14:12 25 November, 14:13 25 November, 14:15
2-3km w Heard 4 undetermined explosions N/K 25 November, 14:17		3-4km W 3-4km SW 3-4km SW 3-4km SW 3-4km NW 3-4km W 2-3km W 3-4km W 2-3km W 3-4km W 2-3km W 2-3km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosions Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosion Heard 3 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions	N/K Small arms N/K Small arms N/K Small arms N/K Small arms N/K	25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:01 25 November, 13:51 25 November, 13:55 25 November, 13:55 25 November, 13:59 25 November, 14:00 25 November, 14:04 25 November, 14:08 25 November, 14:10 25 November, 14:11 25 November, 14:12 25 November, 14:13 25 November, 14:15 25 November, 14:15
1 7- INDERVE FIRZULIA BIOGEFERIBIEGENDOSIONS I INTR. I		3-4km W 3-4km SW 3-4km SW 3-4km SW 3-4km NW 3-4km W 2-3km W 3-4km W 2-3km W 3-4km W 2-3km W 3-4km W 3-4km W	Heard 3 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosions Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 5 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosion Heard 5 bursts Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosions Heard 1 undetermined explosion Heard 1 undetermined explosion	N/K Small arms N/K Small arms N/K Small arms N/K Small arms N/K N/K Small arms	25 November, 11:55 25 November, 12:56 25 November, 12:57 25 November, 12:58 25 November, 13:00 25 November, 13:01 25 November, 13:06 25 November, 13:51 25 November, 13:55 25 November, 13:59 25 November, 14:00 25 November, 14:04 25 November, 14:08 25 November, 14:10 25 November, 14:11 25 November, 14:12 25 November, 14:13 25 November, 14:15 25 November, 14:16

	1	Heard 1 burst		25 November, 14:21
	i İ	Heard 2 undetermined explosions	N/K	25 November, 14:28
	3-4km SSE	Heard 1 explosion (outgoing)	Recoilless gun (SPG- 9,73mm)	25 November, 11:42
Avdiivka (government-	3km SE	Heard 1 explosion (outgoing)	Rocket-propelled grenade (RPG-7)	25 November, 12:55
		Heard 1 explosion (outgoing)	Recoilless gun (SPG- 9,73mm)	25 November, 13:05
controlled, 17km N of Donetsk)		Heard 2 bursts Heard 3 bursts	HMG Small arms	25 November, 13:07
	4-5km S	Heard 3 explosions (outgoing)	Sman arms	25 November, 13:19
		Heard 2 explosions (outgoing)	Recoilless gun (SPG-	25 November, 13:23
		Heard 1 explosion (outgoing)	9,73mm)	25 November, 13:25
		Heard 1 explosion (outgoing)	1	25 November, 13:35
		Recorded 1 undetermined explosion		25 November, 16:29
		Recorded 1 undetermined explosion		25 November, 16:30
		Recorded 1 illumination flare in flight from NE to SW		25 November, 16:32
	4-6 km ESE	Recorded 4 undetermined projectiles in flight from NE to SW	N/K	25 November, 16:36
SMM camera in Avdiivka		Recorded 2 undetermined explosions		25 November, 16:37
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)		Recorded 1 undetermined projectile in flight from NE to SW Recorded 1 undetermined explosion		25 November, 16:38
	4-6km E	Recorded 1 undetermined projectile in flight from NE to SW		25 November, 17:03
		Recorded 3 undetermined explosions		25 November, 17:07
	4-6 km ESE	Recorded 4 undetermined explosions	N/K	25 November, 17:16
Dokuchaievsk ("DPR"- controlled. 30km SW of	3-4km W	Heard and saw 2 explosions (impacts) Heard 2 explosions (impacts)		25 November, 13:50
Donetsk)		Heard and saw 1 air burst Heard 2 explosions (impacts)		25 November, 13:58
	6-7km SE	Heard 2 undetermined explosions	N/K	25 November, 09:35- 09:38
2.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	10km SE	Heard at least 25 shots	IFV (BMP-2) cannon (30mm)	25 November, 09:47- 10:01
	4-5km SE	Heard 1 burst	HMG	
	N/K E	Heard 1 undetermined explosion		25 November, 14:30-
	N/K SE	Heard 2 undetermined explosions		14:33
	3-5km SE	Heard and saw 2 air bursts		25 November, 14:38-
		Heard 1 undetermined explosion		14:41
	6-7km SSE	Heard 73 undetermined explosions		25 November, 14:46- 15:09
Pionerske (government- controlled, 14km E of Mariupol)	N/K E	Heard 3 undetermined explosions	N/K	25 November, 10:00
Sopyne (government- controlled, 16km E of Mariupol)	1-2km NE	Heard 1 undetermined explosion		25 November, 10:39
-	N/K SW	Heard 3 undetermined explosions	1	25 November, 11:09
3km NE of Zaichenko ("DPR"-	7km W	Heard 1 explosion (impact)]	
controlled, 26km NE of	N/K W	Heard 4 undetermined explosions		25 November, 11:17- 11:37
Mariupol)	6-7km SW	Heard 15 explosions (impacts)		
41 N 67 1 1 ///		Heard 2 explosions (outgoing)	0 11	2531 1 11 5
1km N of Zaichenko ("DPR"-	3-4km	Heard at least 20 bursts	Small arms	25 November, 11:52-

controlled, 26km NE of	WSW	Heard at least 30 shots		12:03
Mariupol)	N/K S	Heard 3 undetermined explosions		25 November, 12:05-
	N/K WNW	Heard 1 undetermined explosion		12:25
	N/K SSW	Heard 6 undetermined explosions		12.23
	N/K WNW	Heard 2 undetermined explosions		25 November, 12:26- 12:40
		Heard 12 undetermined	N/K	25 November, 11:00-
	N/IZ FOE	explosions		11:10
	N/K ESE	Heard 7 undetermined explosions		25 November, 11:16-
Orlivske (government-		and saw black smoke		11:23
controlled, 23km NE of		Heard 13 undetermined		25 November, 11:24-
Mariupol)	5-6km ESE	explosions		11:42
		Heard 3 bursts (10-15 shots)	Small arms	25.33
		Heard 2 bursts (5-10 shots)	HMG	25 November, 11:45-
		Heard 2 undetermined explosions	N/K	12:00
Lebedynske (government- controlled, 16km NE of Mariupol)	N/K SSE	Heard 1 undetermined explosion		25 November, 12:20
Pavlopil (government- controlled, 26km NE of Mariupol)	N/K SE	Heard 1 undetermined explosion	N/K	25 November, 12:45
Bezimenne ("DPR"-controlled, 30km E of Mariupol)	N/K W	Heard 2 undetermined explosions		25 November, 13:45- 13:50
Kulykove ("DPR"-controlled, 30km NE of Mariupol)	N/K W	Heard 2 shots	Small arms	25 November, 14:22-
	N/K SSW	Heard 4 undetermined explosions	N/K	14:45
	N/K SW	Heard 3 undetermined explosions		14.43

Map of Donetsk and Luhansk regions²



² The SMM is actively 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 2014. 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).