SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in	3-5km ESE	Recorded at least 18 tracers from SE		22.0 1 20.04
Avdiivka		to NW		22 October, 20:04
government-		Recorded at least 8 tracers from SE to		22 October 21,19
controlled, 17km N of Donetsk)		NW		22 October, 21:18
		Recorded at least 80 tracers from SE	N/K	22 October, 21:52-21:58
		to NW		
		Recorded 1 projectile from NW to SE		23 October, 03:02
		Recorded 3 tracers from NW to SE		
		Recorded 1 projectile from SE to NW		23 October, 03:08
		Recorded 1 undetermined explosion		23 October, 03:39
		Recorded 1 undetermined explosion		23 October, 03:55
		Recorded 1 undetermined explosion		23 October, 04:12
		Recorded 1 undetermined explosion		23 October, 04:30
		Recorded 1 undetermined explosion		23 October, 04:43
SMM camera at		Recorded 4 projectiles from E to W		22 October, 18:35
Donetsk Filtration			-	22 October, 18:43
Station (15km N of		Recorded 1 undetermined explosion	-	,
Donetsk)	1km S	Recorded 1 undetermined explosion		22 October, 18:45
		Recorded 2 projectiles from S to N	-	22 October, 18:50
		Recorded 15 projectiles from E to W		22 October, 19:10
		Recorded 10 projectiles from E to W	N/K	22 October, 19:12
	0.5-1km S	Recorded 1 projectile from W to E		22 October, 19:14
	1km S	Recorded 2 undetermined explosions		22 October, 19:15
	2km S	Recorded at least 12 tracers from W to E		22 October, 22:54
		Recorded at least 6 tracers from W to		
		E		22 October, 23:22
Railway station in	3-5km WSW	Heard 3 bursts	HMG	23 October, 12:10
Yasynuvata ("DPR"-		Heard 2 undetermined explosions		23 October, 12:12
controlled, 16km NE	3-5km W	Heard 2 undetermined explosions	N/K	23 October, 12:49
of Donetsk)	2-3km W	Heard 18 shots	HMG	23 October, 14:04-14:05
SW edge of	3-5km E	Heard 2 undetermined explosions		23 October, 11:36
Avdiivka	2-3km E	Heard and saw 2 explosions (impacts)		23 October, 11:52
(government- controlled, 17km N of Donetsk)	2-4km ESE	Heard 4 undetermined explosions	N/K	23 October, 11:58-12:07
		Heard 1 undetermined explosion		23 October, 12:32
		Heard 2 undetermined explosions		23 October, 12:49
	4-6km SSW	Heard 3 undetermined explosions	N/K	23 October, 14:29-14:32
Frudivski area in		I I I I I I I I I I I I I I I I I I I		
Petrovskyi district			Small arms	
("DPR"-controlled,	50-100m E	Heard 5 bursts		23 October, 10:15
5km SW of				
Donetsk city centre)				
Kuteinykove				
"DPR"-controlled,	2-5km W	Heard 1 undetermined explosion	N/K	23 October, 14:37
2km SE of				
Donetsk)				
Naberezhne ("DPR"-	NT/17 XY7	Heard 1 shot	G 11	23 October, 11:18
controlled, 33 Km NE of Mariupol)	N/K W	Heard 1 burst	Small arms	23 October, 11:20
Chermalyk	1km E	Heard 7 bursts	Small arms	23 October, 11:22-11:27
Just mary K	I KIII L	ficard / buibto	Sman arms	25 000001, 11.22-11.27

Table of ceasefire violations as of 23 October 2017¹

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.

(government-				
controlled, 31km NE of Mariupol)	1-2km E	Heard 29 bursts		23 October, 11:32-11:35
0.5km SSW of Orlivske (government- controlled, 23km NE of Mariupol)	N/K SE	Heard 1 undetermined explosion	N/K	23 October, 12:20
NE edge of	1-2km E	Heard 2 explosions (outgoing)	N/K	23 October, 12:40
Lebedynske	1-2Km L			25 000001, 12.40
(government- controlled, 16km E of Mariupol)	1-2km ESE	Heard 2 bursts	HMG	23 October, 12:46-12:52
Svitlodarsk	3-4km SE	Heard 5 shots		22 October, 19:32
(government-	2-4km ESE	Heard 77 shots	0 11	22 October, 20:08-16
controlled, 57km NE	3-4km SE	Heard 15 shots	Small arms	22 October, 20:43-46
of Donetsk)		Heard 3 shots		22 October, 21:02
	2-3km SE	Heard 6 bursts	UN CO	22 October, 21:08
	3-4km SE	Heard 2 bursts	— HMG	22 October, 21:26
	9-10km SE	Heard 1 undetermined explosion	N/K	22 October, 21:36
	3-4km E	Heard 19 bursts	HMG	22 October, 21:37-43
		Heard 2 shots		22 October, 21:44
		Heard 11 bursts	Small arms	22 October, 21:46-48
	2-3km E	Heard 18 shots	Sinui unio	22 October, 21:54-58
	2-5KIII L	Heard 1 burst	HMG	22 October, 21:59
		Heard 5 bursts	TIMO	22 October, 21:55
	3-4km SE	Heard 51 shots	Small arms	22 October, 22:02-03
	3-4km E		IFV (BMP-1) cannon	22 October, 22:02-37 22 October, 22:42-43
	5-4KIII E	Heard 4 explosions (outgoing)	(73 mm)	22 October, 22:42-45
	3-4km SE	Heard 20 shots	Small arms	22 October, 22:43-44
	4-5km SE	Heard 1 undetermined explosion	N/K	22 October, 22:45
	2-3km SE	Heard 18 bursts	HMG	22 October, 22:50-53
	2-3km S	Heard 2 shots		25 October, 22:59
	3-5km E	Heard 17 shots	- Small arms - HMG	22 October, 22:59-23:04
		Heard 1 burst		22 October, 22:37 23:37
	2-3km SE 1-2km SE	Heard 10 bursts		23 October, 00:35
		Heard 24 shots	Small arms	23 October, 00:40-44
		Heard 5 bursts	Sinan arms	23 October, 00:44
		Heard 10 bursts	HMG	23 October, 00:44 23 October, 02:28
		Heard 1 undetermined explosion	N/IZ	23 October, 02:28 23 October, 02:33
		Heard 3 bursts	N/K	
			HMG	23 October, 05:08
		Heard 3 undetermined explosions	— N/K	23 October, 05:10
		Heard 5 undetermined explosions		23 October, 05:12
		Heard 5 bursts	HMG	23 October, 05:16
		Heard 1 undetermined explosion	N/K	23 October, 05:17
		Heard 5 bursts	HMG	23 October, 05:28
		Heard 3 bursts		23 October, 05:39
		Heard 1 undetermined explosion	N/K	23 October, 16:53
	2-3km SE	Heard 5 bursts	HMG	23 October, 17:02
		Heard 5 shots	Small arms	23 October, 17:04
		Heard 1 burst Heard 1 burst	Small arms	23 October, 17:06
3km SW of				25 OCIDEEI, 17.00
Novoselivka ("DPR"-controlled, 37km NE of Donetsk)	3km SW	Heard 2 undetermined explosions	N/K	23 October, 12:31
SMM camera at entry-exit checkpoint in Maiorsk	N/K	Recorded 28 tracers	N/K	22 October, 21:49-22:26

(government- controlled, 45km NE of Donetsk)				
SMM camera in Shyrokyne (20km east of Mariupol)	N/K	Recorded 1 illumination flare in vertical flight	- N/K	22 October, 23:19
		Recorded 1 illumination flare in vertical flight		23 October, 02:35
		Recorded 1 illumination flare in vertical flight		23 October, 02:37
		Recorded 1 illumination flare in vertical flight		23 October, 03:42
E edge of Stanytsia Luhanska (government- controlled, 16km NE of Luhansk)	3-4km S	Heard 1 undetermined explosion (assessed as outside the disengagement area)	N/K	22 October, 20:45
N edge of Popasna (government-	4-6km ESE	Heard 6 bursts	IFV (BMP-2) cannon (30mm)	22 October, 23:15-23:20
controlled, 69km W	3-5km SE	Heard 3 shots	- Small arms	23 October, 03:05
of Luhansk)	3-5km SSE	Heard 10 shots	Siliali allis	23 October, 03:43-03:48
S edge of Krasnyi		Heard 1 undetermined explosion	N/K	
Lyman ("LPR"- controlled, 30km NW of Luhansk)	3-5km NNW	Heard 20 shots	Small arms	23 October, 11:09-11:13
Obozne ("LPR"- controlled, 18km N of Luhansk)	10km NW	Heard 7 undetermined explosions (assessed as live-fire exercise)	N/K	23 October, 10:56-11:05
100m S of Stanytsia Luhanska bridge (16km NE of Luhansk)	5-10km N	Heard 1 undetermined explosion (assessed as outside the disengagement area)	N/K	23 October, 12:00
2km NW of Plotyna		Heard 1 undetermined explosion		23 October, 12:01
(government-	5-6km WNW	Heard 1 undetermined explosion		23 October, 12:37
controlled, 28km NE		Heard 1 undetermined explosion	1 N/ IX	23 October, 13:25
of Luhansk)		Heard 1 undetermined explosion		23 October, 14:02



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 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 base from which SMM staff has temporarily relocated since 27 September 2016 based on recommendations of security experts from participating States.)