SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
	2-3km SW	Heard 10 shots	Small arms	28 December, 18:42
	3-5km SW	Heard 1 undetermined explosion	N/K	28 December, 18:47
	2-3km SW	Heard 4 bursts (3-5 shots each)	Small arms	28 December, 18:52
	3-5km SW	Heard 1 undetermined explosion	N/K	28 December, 19:01
	2-3km SW	Heard 9 bursts (3-5 shots each)	– Small arms	28 December, 19:13
		Heard 8 shots		28 December, 19:14
		Heard 2 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	28 December, 19:18
		Heard 4 bursts (3-5 shots each)		28 December, 19:34
	3-4km SW	Heard 6 bursts (3-5 shots each)	Small arms	28 December, 19:38
		Heard 4 bursts (3-5 shots each)		28 December, 19:42
		Heard 4 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	28 December, 19:42
	2-3km SW	Heard 10 bursts (3-5 shots each)		28 December, 19:44
		Heard 5 shots	Small arms	28 December, 19:50
		Heard 4 bursts (3-5 shots each)		28 December, 19:51
		Heard 5 bursts (3-5 shots each)		28 December, 19:58
	3-5km SW	Heard 1 undetermined explosion	N/K	28 December, 20:08
		Heard 5 shots	Small arms	28 December, 20:09
Svitlodarsk (government-	2-3km SW	Heard 3 bursts (3-5 shots each)		28 December, 20:25
controlled, 57km		Heard 6 bursts (3-5 shots each)		28 December, 20:28
NE of Donetsk)		Heard 10 shots		28 December, 20:29
		Heard 1 burst (3-5 shots)		28 December, 20:51
		Heard 1 burst (3-5 shots)		28 December, 21:16
		Heard 4 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	28 December, 21:17
		Heard 3 bursts (3-5 shots each)	Small arms	28 December, 21:22
		Heard 3 bursts (3-5 shots each)		28 December, 21:43
		Heard 6 bursts (3-5 shots each)		28 December, 21:46
		Heard 8 bursts (3-5 shots each)		28 December, 22:00
	2-3km SW	Heard 6 bursts	Small arms	29 December, 06:30
		Heard 3 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	29 December, 06:31
		Heard 2 explosions (outgoing)		29 December, 06:37
		Heard 2 explosions (outgoing)		29 December, 06:41
		Heard 7 explosions (outgoing)		29 December, 07:50-07:53
		Heard 4 explosions (outgoing)		29 December, 07:55
		Heard 2 explosions (outgoing)		29 December, 07:58
	3-5km SW	Heard 1 explosion (impact)	Mortar (82mm)	29 December, 15:52
		Heard 30 shots	– Small arms	29 December, 17:03
		Heard 10 bursts		29 December, 17:15

## Table of ceasefire violations as of 29 December 2016<sup>1</sup>

<sup>&</sup>lt;sup>1</sup> The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed as 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 as the same are entered only once.

		Heard 10 bursts		29 December, 17:22
SMM camera at Oktiabr mine (9km NW of Donetsk city centre)	3-4km NNE	Recorded 1 illumination flare from		
		N to S	4	28 December, 19:13
		Recorded 1 illumination flare from N to S		28 December, 19:25
		Recorded 10 tracers from E to W	N/K	28 December, 22:36
		Recorded 1 illumination flare from N to S		28 December, 22:50
		Recorded 1 illumination flare from N to S		28 December, 22:51
Horlivka ("DPR"- controlled, 39km N of Donetsk)	5km WNW	Heard 2 undetermined explosions	N/K	28 December, 19:28
	5-7km WNW	Heard 5 undetermined explosions	N/K 22	28 December,
		Heard 10 bursts	HMG	22:00-22:05
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	8-12km NW	Heard 37 undetermined explosions	N/K	28 December, 22:05-23:15
Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk city centre)	2km WNW	Heard 1 undetermined explosion	N/K	29 December, 08:46
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	4-6km N	Heard 4 bursts	HMG	29 December, 09:15
2.2km N of	3km ESE	Heard 9 shots	Small arms 29 E   10:0	29 December,
Lebedynske	2km NNE	Heard 41 shots		09:51-10:06
(government- controlled, 16km NE of Mariupol)		Heard 44 shots		29 December, 10:09-10:16
	3km ESE	Heard 4 shots		29 December, 10:22
1km S of Novohryhorivka	8-10km WNW	Heard 3 bursts	Small arms	29 December, 10:45
("DPR"-controlled,	5-6km N	Heard 2 shots	Sinun unins	
61km NE of Donetsk)		Heard 1 explosion	N/K	29 December, 12:19
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	2-3km WNW	Heard 6 shots	Small arms	29 December, 11:29
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol)	1km SSW	Heard 5 shots	Small arms	29 December, 11:33
Talakivka (government- controlled, 17km NE of Mariupol)	N/K E	Heard 1 undetermined explosion	N/K	29 December, 11:35
Avdiivka (government- controlled, 17km N of Donetsk)	3-5km ESE	Heard 1 undetermined explosion		29 December, 12:11
		Heard 1 undetermined explosion	N/K	29 December, 12:29
Sakhanka ("DPR"- controlled, 24km	1-2km W	Heard 7 bursts	- Small arms	29 December, 12:22-12:34
NE of Mariupol)	1-2km WNW	Heard 1 burst		
Pavlopil	N/K NNW	Heard 1 explosion (outgoing)	N/K	29 December, 12:42
	-			

(government- controlled, 26km NE of Mariupol)	1km E	Heard 5 shots	Small arms	29 December, 13:01-13:05
Zolote-5 ("LPR"- controlled, 61km NW of Luhansk)	2km W	Heard 1 shot (unable to assess whether inside or outside the disengagement area)	Small arms	29 December, 08:40
2km N of Sentianivka (formerly Frunze, "LPR"-controlled, 44km W of Luhansk)	3km NW	Heard 2 explosions (impacts)	Mortar (120mm)	29 December, 09:21
Stanytsia Luhanska (government- controlled, 16km NE of Luhansk)	2km NW	Heard 11 undetermined explosions (assessed as outside the disengagement area)	N/K	29 December, 10:20-10:57
Orikhove ("LPR"- controlled, 59km S of Luhansk)	7-10km SW	Heard 1 undetermined explosion	N/K	29 December, 11:40



## Map of Donetsk and Luhansk regions<sup>2</sup>

<sup>&</sup>lt;sup>2</sup> 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.)