Table of ceasefire violations as of 16 December 2016¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Petrivske ("DPR"- controlled, 41km S of Donetsk)	0.2-1km SW	Recorded 2 shots	Small arms	14 December, 17:21
Park Inn Hotel ("DPR"-		Heard 3 undetermined explosions		15 December, 19:20
controlled, Donetsk city centre)	7-10km NW	Heard 1 undetermined explosion	N/K	15 December, 20:33
centre		Recorded 1 illumination flare from NE to SW Recorded 1 illumination flare from		15 December, 18:35
		W to E		15 December, 19:47
		Recorded 1 undetermined explosion		15 December, 20:22
	3-5km SE	Recorded 1 illumination flare from W to E	N/K	15 December, 20:22
		Recorded 3 undetermined explosions		15 December, 20:24
		Recorded 1 undetermined explosion		15 December, 20:46
		Recorded 1 illumination flare from SW to NE		15 December, 22:45
		Recorded 1 undetermined explosion		15 December, 23:52
SMM camera in Avdiivka (government- controlled, 17km N of Donetsk)		Recorded 1 undetermined projectile in flight from E to W		16 December, 16:14
		Recorded 1 undetermined explosion		16 December, 16:15
	4-6 km SE	Recorded 1 undetermined		16 December, 16:16
		projectile in flight from E to W Recorded 1 undetermined projectile in flight from E to W Recorded 1 undetermined projectile in flight from W to E Recorded 1 subsequent explosion (impact)		16 December, 16:17
		Recorded 1 undetermined projectile in flight from W to E Recorded 1 subsequent explosion (impact)	N/K	16 December, 16:19
		Recorded 1 undetermined projectile in flight from W to E		16 December, 16:20
		Recorded 1 undetermined projectile in flight from W to E		16 December, 16:21
		Recorded 1 undetermined projectile in flight W to E		16 December, 16:23
	6-8 km SE	Recorded 2 undetermined explosions		16 December, 16:25
		Recorded 1 undetermined explosion		16 December, 16:30
	4-6 km SE	Recorded 2 undetermined projectiles in flight from E to W		16 December, 16:31
	6-8 km SE	Recorded 1 undetermined explosion		16 December, 16:37
	0-0 KIII SE	Heard 7 bursts	HMG	15 December, 21:48
Debaltseve ("DPR"-	4-6km NW	Heard 2 undetermined explosions	N/K	15 December, 21:50
controlled, 58km NE of	4.51 2777	Heard 6 bursts	HMG	
Donetsk)	4-5km NW	Heard 2 undetermined explosions	N/K	15 December, 21:52
	4-6km NW	Heard 19 bursts	HMG	15 December, 21:55- 21:57

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 undetermined explosion HMG, Small arms 15 December, 22:10			Heard 1 undetermined explosion	N/K	15 December, 22:00
Heard uncountable overlapping hmG, Small arms 22:09			Heard 1 undetermined explosion	IV/ K	15 December 22:07
Heard undetermined explosion N/K 15 December, 22:10	4-5km NW			HMG, Small arms	1
4-5km NW			Heard 1 undetermined explosion	N/K	15 December, 22:10
Heard 5 bursts	4-6km N			HMG, Small arms	15 December, 22:19 - 22:24
Horlivka ("DPR"- controlled, 39km NE of Donetsky		4-5km NW	Heard 8 bursts	N/K	15 December, 22:28
Heard 11 undetermined explosions N/K 15 December, 22:39				HMG	15 December, 22:30 - 22:34
Horlivka ("DPR"-controlled, 39km NE of Donetsk)		4-6km NW	Heard 11 undetermined explosions		
Controlled, 39km NE of Donetsk 4-5km W Heard 5 shots 5-6km W Heard 2 undetermined explosions N/K 15 December, 20-28					
Heard 5 shots		4-5km W			· · · · · · · · · · · · · · · · · · ·
4-5km SSE					
Svitlodarsk (government-controlled, 57km NE of Donetsk) Heard 20 shots Heard 20 shots Heard 10 shots IFV (BMP-2) cannon (30mm) 15 December, 19:20 (30mm) 15 December, 20:00 (30mm) 16 December, 20:00 (30mm) 16 December, 20:00 (30mm) 16 December, 30:00 (30mm) 30mm 30m	Donetsk)				
Svitlodarsk (government-controlled, 57km NE of Donetsk) Heard 10 shots Heard 20 shots Hord 20 shots Heard 20 shots Heard 20 shots Heard 20 shots Hord 20 shots Heard 20 shots Hord 20 shots Heard 20 shots					
A-5km SW			Heard 20 shots		15 December, 18:35
Svitlodarsk (government-controlled, 57km NE of Donetsk) Heard 10 snots		4-5km SSE	Heard 2 undetermined explosions	N/K	15 December, 19:00
Svitlodarsk (government-controlled, 57km NE of Donetsk) 4-5km S Heard 5 explosions (outgoing) 4-5km S Heard 10 bursts Small arms 15 December, 20:00 15 December, 21:10 21:28 15 December, 21:30 21:40 15 December, 21:30 21:40 15 December, 21:30 21:40 15 December, 21:30 21:40 15 December, 21:35 15 December, 21:30 21:40 15 December, 21:35 15 December, 21:35 15 December, 21:35 15 December, 21:35 15 December, 21:30 16 December, 16:00 16:25 15 December, 16:00 16:25 16 December, 16:20 16:25 16:2		4-5km SW	Heard 10 shots		15 December, 19:20-
Svitlodarsk (government controlled, 57km NE of Donetsk) 4-5km S					
Solutionaries (government-controlled, 57km NE of Donetsk) Folian SE				9, 73mm)	
Donetsk Solution Donetsk Donetsk Donetsk Solution Donetsk		4-5km S	Heard 10 bursts	Small arms	
Second S	*	5-6km SW	Heard 20 shots	HMG	21:28
4km S	Donetsk)	5-6km SE	Heard 15 shots	TIMO	
2-3km S Heard 2 explosions (outgoing) 9, 73mm) 15 December, 22:08		4km S	Heard 20 bursts	Small arms	15 December, 21:55
2-3km S		4-5km S	Heard 2 explosions (outgoing)		15 December, 22:08
SMM camera in Shyrokyne (20km E of Mariupol) Recorded 1 tracer rounds from W to E Recorded 4 airbursts		2-3km S	Heard 10 shots		16 December, 04:50
N/K N Recorded 1 undetermined explosion. N/K ENE Recorded 1 illumination flare. N/K NE Recorded 10 tracer rounds from W to E 4-6km NE Recorded 24 tracer rounds from NE to SW 1-3km NNE Recorded 5 tracer rounds from SW to NE Recorded 4 airbursts 2km NNE Recorded 1 tracer rounds from W to E Recorded 1 tracer rounds from W to		6-7km SE	Heard 12 explosions (impacts)	Mortar (82mm)	16 December, 16:00-
N/K ENE Recorded 1 illumination flare. N/K NE Recorded 10 tracer rounds from W to E 4-6km NE Recorded 24 tracer rounds from NE to SW 1-3km NNE Recorded 5 tracer rounds from SW to NE Recorded 4 airbursts 2km NNE Recorded 1 tracer rounds from W to E N/K NNE Recorded 1 tracer rounds from W to E N/K NNE Recorded 1 tracer rounds from W to E N/K NNE Recorded 1 indirect rocket-assisted projectile from S to N Recorded 1 indirect rocket-assisted projectile from S to N Recorded 1 avaplacion (impaget)		N/K N			
SMM camera in Shyrokyne (20km E of Mariupol) 1-3km NNE 2km NNE N/K NNE to E 4-6km NE Recorded 24 tracer rounds from NE to SW Recorded 5 tracer rounds from SW to NE Recorded 4 airbursts 2km NNE Recorded 1 tracer rounds from W to E N/K NNE N/K NNE N/K NNE Recorded 1 indirect rocket-assisted projectile from S to N Recorded 1 tracer (impact) Recorded 1 tracer (impact) N/K NNE Recorded 1 indirect rocket-assisted projectile from S to N Recorded 1 tracer (impact)		N/K ENE		N/K	16 December, 03:20
SMM camera in Shyrokyne (20km E of Mariupol) 1-3km NNE Recorded 4 airbursts 2km NNE Recorded 1 tracer round from W to E Recorded 14 tracer rounds from W to E Recorded 1 indirect rocket-assisted projectile from S to N Recorded 1 indirect rocket-assisted projectile from S to N Recorded 1 avaplacion (impact) Recorded 1 avaplacion (impact)	Shyrokyne (20km E of Mariupol)	N/K NE			16 December, 05:16- 05:17
SMM camera in Shyrokyne (20km E of Mariupol) 1-3km NNE 1-3km NNE 1-3km NNE 1-3km NNE 1-3km NNE Recorded 5 tracer rounds from SW to NE Recorded 4 airbursts 2km NNE Recorded 1 tracer round from W to E Recorded 14 tracer rounds from W to E N/K NNE Recorded 1 indirect rocket-assisted projectile from S to N Recorded 1 indirect rocket-assisted projectile from S to N Recorded 1 avaplacion (impaget)		4-6km NE		Anti-aircraft gun (ZU-	16 December, 16:24 – 16:25
Shyrokyne (20km E of Mariupol) Recorded 4 airbursts 2km NNE Recorded 1 tracer round from W to E Recorded 14 tracer rounds from W to E Recorded 1 indirect rocket-assisted projectile from S to N Recorded 1 indirect (impact) Recorded 1 indirect rocket-assisted projectile from S to N Recorded 1 explosion (impact)		1-3km NNE	Recorded 5 tracer rounds from SW		16 December, 16:29- 16:30
Recorded 1 tracer round from W to E Recorded 14 tracer rounds from W to E Recorded 14 tracer rounds from W to E N/K NNE Recorded 1 indirect rocket-assisted projectile from S to N Recorded 1 explosion (impact)		1-3km ivivi			16 December, hh:mm
Recorded 14 tracer rounds from W to E N/K NNE Recorded 1 indirect rocket-assisted projectile from S to N Recorded 1 explosion (impact)		2km NNE	Recorded 1 tracer round from W to		
N/K NNE Recorded 1 indirect rocket-assisted projectile from S to N Recorded 1 explosion (impact)			Recorded 14 tracer rounds from W	N/K	16 December 17:26-
Pagarded Layplogian (impagt)		N/K NNE	Recorded 1 indirect rocket-assisted	17/12	-
I Recorded a explosion (impact)			Recorded 1 explosion (impact)		1(D 1 17.44
Recorded 1 airburst 16 December, 17:44					16 December, 17:44
SMM camera at Oktiabr mine" (9km NW of Donetsk city centre) 6-8 km NE Recorded 1 undetermined explosion N/K 16 December, 16:09	mine" (9km NW of	6-8 km NE	Recorded 1 undetermined explosion	N/K	16 December, 16:09
5.7km NW Heard 1 undetermined explosion N/K 16 December, 09:45	2010ton on control	5-7km NW		N/K	16 December, 09:45
Heard 2 undetermined explosions 16 December, 10:32					16 December, 10:32
	Vacymuyata ("DDD"		Heard 15 bursts (3-5 shots each)	HMG	16 December, 12:36
Yasynuvata ("DPR"- Small arms Small arms 16 December, 12:56-13:05			Heard 25 shots	Small arms	16 December, 12:56- 13:05
controlled 16km NF of Heard 1 undetermined explosion 16 December 13:07			Heard 1 undetermined explosion		16 December, 13:07
Donetsk) 3-5km N Heard 2 undetermined explosions 16 December, 13:12	-	3-5km N		1	
5-7km W Heard Lundetermined explosion	/	5-7km W		N/K	-
5-7km N Heard 1 undetermined explosion N/K 16 December, 13:22					16 December, 13:22
	ļ				16 December, 13:23
			Heard 1 undetermined explosion	1	16 December, 13:27

		Heard 2 undetermined explosions		
	5-7km NE	Heard 2 undetermined explosions	-	16 December, 13:34
		Heard 1 undetermined explosion		16 December, 13:34
	5-7km NW	Heard 7 undetermined explosions		16 December, 13:42
	5-7km NE	Heard 3 undetermined explosions		16 December, 13:58
Avdiivka (government-	2 21rm CE	Heard 4 undetermined explosions	N/K	16 December, 12:27
controlled, 17km N of Donetsk)	2-3km SE	Heard 1 undetermined explosion	N/K	16 December, 14:10
2.5km SE of Lomakyne	5-6km N	Heard 1 undetermined explosion		16 December, 11:36
(government- controlled,	5-6km E	Heard 1 undetermined explosion	N/K	16 December, 11:38
15km NE of Mariupol)	5-6km SE	Heard 1 undetermined explosion		16 December, 11:41
Hautava (gavammant	5km E	Heard 7 shots	HMG	16 December, 12:58
Hnutove (government-controlled, 20km NE of	5-6km ENE	Heard 7 bursts	AGL	16 December, 13:07
Mariupol)	5-6km E	Heard 2 bursts	HMG	16 December, 13:20-
wiariupor)	5-6km NNE	Heard 8 bursts	TIIVIO	13:25
	1.5km S	Recorded 4 small flashes (assessed as inside the disengagement area)		10 December, 17:32
	600 07	Recorded 1 small flash (assessed as	1	11.5
	600m SE	outside the disengagement area)	-	11 December, 00:20
	1.5km S	Recorded 1 small flash (assessed as inside the disengagement area)		11 December, 00:22
	1km SE	Recorded 1 small flash (assessed as	1	11 December, 01:34
		inside the disengagement area) Recorded 1 small flash (assessed as	-	
SMM camera at Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	150m W	outside the disengagement area)	_	11 December, 01:37
	250m SSW	Recorded 1 small flash (assessed as outside the disengagement area)		11 December, 02:43
	1.7km SSW	Recorded 1 small flash (assessed as	-	11 December, 02:57
		inside the disengagement area) Recorded 1 small flash (assessed as	-	
	1km SE	inside the disengagement area)	-	11 December, 03:08
	1.7km S	Recorded 1 small flash (assessed as inside the disengagement area)		11 December, 03:32
	2.2km SSE	Recorded 1 flash (assessed as outside the disengagement area)	Small arms	11 December, 04:07
	1.7km S	Recorded 6-7 flashes (assessed as		11 December, 04:18
		inside the disengagement area) Recorded 1 small flash (assessed as		
		inside the disengagement area)		11 December, 04:23
	1.7km SSE	Recorded 2-3 small flashes (assessed as inside the		11 December, 04:46
		disengagement area) Recorded 3-4 flashes (assessed as		
		inside the disengagement area)		11 December, 04:55
		Recorded 6-7 flashes (assessed as inside the disengagement area)		11 December, 04:58
		Recorded 3-4 small flashes		
		(assessed as inside the		11 December, 05:04
			_	
		inside the disengagement area)		11 December, 05:12
		Recorded 2 small flashes (assessed as inside the disengagement area)		11 December, 05:13
		Recorded 3-4 small flashes		
		(assessed as inside the disengagement area)		11 December, 05:21
	250m WSW	Recorded 1 small flash (assessed as outside the disengagement area)		11 December, 05:43
Kalynove ("LPR"- controlled, 60km W of Luhansk)	2km N	Heard 12 bursts	HMG	16 December, 09:38
Miusynsk ("LPR"- controlled, 62km SW of	5-6km ESE	Heard 8 undetermined explosions	N/K	16 December, 10:55- 11:05
Veselohorivka ("LPR"-	1-2km SW	Heard 20 bursts	HMG	16 December, 11:00-
controlled, 60km W of Luhansk) Miusynsk ("LPR"- controlled, 62km SW of Luhansk)	250m WSW 2km N 5-6km ESE	(assessed as inside the disengagement area) Recorded 1 small flash (assessed as inside the disengagement area) Recorded 2 small flashes (assessed as inside the disengagement area) Recorded 3-4 small flashes (assessed as inside the disengagement area) Recorded 1 small flash (assessed as outside the disengagement area) Heard 12 bursts Heard 8 undetermined explosions	N/K	11 December, 05:12 11 December, 05:13 11 December, 05:21 11 December, 05:43 16 December, 09:38 16 December, 10:55- 11:05

controlled, 64km W of		11:10	
Luhansk)			

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.)