

Table of ceasefire violations as of 13 December 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Petrivske (“DPR”-controlled, 41km S of Donetsk)	0.5km W	Recorded 1 illumination flare from E to W (unable to assess whether inside or outside disengagement area)	N/K	11 December, 20:43
	N/K WSW	Recorded 2 tracers from SW to NE (unable to assess whether inside or outside disengagement area)		11 December, 20:48
	0.8-1km S	Recorded 5 tracers from NE to SW (unable to assess whether inside or outside disengagement area)		11 December, 20:09
	N/K SSW	Recorded 2 tracers from W to E (unable to assess whether inside or outside disengagement area)		
	0.5-1km SW	Recorded 2 bursts of tracer rounds from E to W (camera recorded muzzle flashes assessed as inside disengagement area)		11 December, 20:10
Petrivske (“DPR”-controlled, 41km S of Donetsk)	3-5km S	Heard 7 bursts (assessed as outside disengagement area)	Small arms	13 December, 09:22-09:50
		Heard 15 shots (assessed as outside disengagement area)		
		Heard 7 bursts (assessed as outside disengagement area)	HMG	
	4-5km NNW	Heard 2 bursts (assessed as outside disengagement area)	Small arms	
2.2km N of Petrivske (“DPR”-controlled, 41km S of Donetsk)	3-5km S	Heard 26 bursts (assessed as outside disengagement area)	HMG	13 December, 10:11
		Heard uncountable overlapping bursts and shots (assessed as outside disengagement area)		13 December, 10:12-10:18
		Heard 5 undetermined explosions (assessed as outside disengagement area)	N/K	13 December, 10:21-10:30
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1.5km S	Recorded 8 projectiles from E to W	N/K	12 December, 18:35
		Recorded 1 undetermined explosion		12 December, 18:41
		Recorded 1 projectile from W to E		12 December, 18:48
		Recorded 2 projectiles from W to E		12 December, 18:49
		Recorded 2 projectiles from W to E		12 December, 18:50
		Recorded 1 projectile from W to E		12 December, 18:51
		Recorded 14 projectiles from W to E		12 December, 18:53
		Recorded 2 undetermined explosions		12 December, 18:57
		Recorded 1 projectile from W to E		12 December, 19:10
		Recorded 1 projectile from E to W		12 December, 20:07
		Recorded 1 projectile from E to W		12 December, 20:19
		Recorded 2 projectiles from W to E		12 December, 20:30
		Recorded 2 undetermined explosions		12 December, 20:31
		Recorded 3 undetermined explosions		12 December, 20:32
		Recorded 3 undetermined explosions		12 December, 20:33
		Recorded 1 tracer from E to W		12 December, 20:35

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.

	Recorded 1 tracer from W to E		
	Recorded 12 undetermined explosions		
	Recorded 13 projectiles from SE to NW		12 December, 20:36
	Recorded 5 tracers from W to E		
	Recorded 1 illumination flare from E to W		12 December, 20:39
	Recorded 2 tracers from E to W		12 December, 20:42
	Recorded 1 tracer from E to W		
	Recorded 2 tracers from W to E		12 December, 20:43
	Recorded 1 tracer from E to W		12 December, 20:45
	Recorded 1 tracer from W to E		12 December, 20:45
	Recorded 1 tracer from W to E		12 December, 20:46
	Recorded 1 undetermined explosion		
	Recorded 1 tracer from W to E		12 December, 20:47
	Recorded 1 tracer from E to W		
	Recorded 1 undetermined explosion		12 December, 20:48
	Recorded 1 undetermined explosion		12 December, 20:52
	Recorded 1 tracer from W to E		12 December, 20:59
	Recorded 1 undetermined explosion		12 December, 21:00
	Recorded 1 projectile from SE to NW		12 December, 21:04
	Recorded 1 undetermined explosion		12 December, 21:11
	Recorded 3 projectiles from SW to NE		12 December, 21:18
	Recorded 4 projectiles from W to E		12 December, 21:19
	Recorded 5 projectiles from W to E		
	Recorded 1 undetermined explosion		12 December, 21:20
	Recorded 1 projectile from W to E		12 December, 21:21
	Recorded 1 undetermined explosion		12 December, 21:22
	Recorded 1 projectile from E to W		
	Recorded 2 undetermined explosions		12 December, 21:24
	Recorded 1 undetermined explosion		12 December, 21:27
	Recorded 2 undetermined explosions		12 December, 21:28
	Recorded 1 projectile from SE to NW		12 December, 21:30
	Recorded 1 undetermined explosion		12 December, 21:39
	Recorded 1 undetermined explosion		12 December, 21:40
	Recorded 4 undetermined explosions		
	Recorded 1 illumination flare in vertical flight		12 December, 21:42
	Recorded 1 undetermined explosion		12 December, 21:43
	Recorded 1 undetermined explosion		12 December, 21:47
	Recorded 2 undetermined explosions		12 December, 22:04
	Recorded 5 undetermined explosions		
	Recorded 45 projectiles from E to W		12 December, 22:18
	Recorded 1 undetermined explosion		12 December, 22:23
	Recorded 3 undetermined explosions		
	Recorded 55 projectiles from E to W		12 December, 22:24
	Recorded 11 projectiles from E to W		12 December, 22:27
	Recorded 1 projectile from W to E		12 December, 22:32
	Recorded 1 projectile from E to W		
	Recorded 4 projectiles from W to E		12 December, 22:33
	Recorded 2 undetermined explosions		
	Recorded 4 projectiles from W to E		12 December, 22:34
	Recorded 1 projectile in vertical flight		12 December, 22:36
	Recorded 4 projectiles from W to E		12 December, 22:39

	Recorded 7 projectiles from E to W	12 December, 23:03
	Recorded 1 projectile from N to S	
	Recorded 2 projectiles from E to W	12 December, 23:09
	Recorded 2 undetermined explosions	12 December, 23:25
	Recorded 1 undetermined explosion	12 December, 23:26
	Recorded 1 undetermined explosion	12 December, 23:28
	Recorded 1 undetermined explosion	12 December, 23:29
	Recorded 1 undetermined explosion	12 December, 23:31
	Recorded 9 projectiles from E to W	12 December, 23:36
	Recorded 1 projectile from W to E	12 December, 23:39
	Recorded 5 projectiles from S to N	
	Recorded 1 undetermined explosion	12 December, 23:42
	Recorded 1 undetermined explosion	12 December, 23:45
	Recorded 7 projectiles from E to W	12 December, 23:58
	Recorded 3 projectiles from E to W	12 December, 23:59
	Recorded 3 projectiles from NW to SE	13 December, 00:03
	Recorded 6 projectiles from W to E	13 December, 00:04
	Recorded 10 projectiles from W to E	13 December, 00:05
	Recorded 1 undetermined explosion	
	Recorded 5 projectiles from E to W	13 December, 00:08
	Recorded 1 projectile in vertical flight	
	Recorded 1 undetermined explosion	13 December, 00:09
	Recorded 3 projectiles from NW to SE	
	Recorded 1 projectile from SE to NW	13 December, 00:19
	Recorded 8 projectiles from W to E	13 December, 00:24
	Recorded 5 projectiles from E to W	13 December, 00:25
	Recorded 8 projectiles from W to E	13 December, 00:26
	Recorded 1 projectile from W to E	13 December, 00:32
	Recorded 18 projectiles from W to E	13 December, 00:33
	Recorded 15 projectiles from W to E	
	Recorded 1 undetermined explosion	13 December, 00:37
	Recorded 7 projectiles from W to E	
	Recorded 3 projectiles from E to W	13 December, 00:38
	Recorded 1 undetermined explosion	13 December, 00:39
	Recorded 1 undetermined explosion	13 December, 00:40
	Recorded 2 projectiles from NW to SE	
	Recorded 1 projectile from W to E	13 December, 00:54
	Recorded 2 projectiles from E to W	13 December, 01:04
	Recorded 1 projectile from SE to NW	13 December, 01:13
	Recorded 2 projectiles from SW to NE	13 December, 01:26
	Recorded 3 projectiles from W to E	
	Recorded 1 undetermined explosion	13 December, 01:27
	Recorded 15 projectiles from NE to SW	
	Recorded 1 projectile from W to E	13 December, 01:28
	Recorded 4 projectiles from SW to NE	
	Recorded 10 projectiles from NE to SW	13 December, 01:33
	Recorded 2 projectiles from W to E	
	Recorded 3 projectiles from E to W	13 December, 01:34
	Recorded 1 undetermined explosion	

		Recorded 2 projectiles from E to W		13 December, 01:35
		Recorded 2 projectiles from E to W		13 December, 02:39
		Recorded 3 projectiles from W to E		13 December, 02:41
		Recorded 1 projectile from NE to SW		13 December, 02:45
		Recorded 1 projectile from E to W		13 December, 02:47
		Recorded 1 undetermined explosion		13 December, 06:18
		Recorded 1 undetermined explosion		13 December, 17:40
		Recorded 1 undetermined explosion		13 December, 17:41
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km S	Heard 3 bursts	HMG	12 December, 18:38
	4-5km W	Heard 1 undetermined explosion	N/K	12 December, 18:40-18:43
		Heard 7 shots	IFV (BMP-2) cannon (30mm)	
	9-10km W	Heard 3 undetermined explosions	N/K	12 December, 19:18
	3-5km SSE	Heard 7 bursts	HMG	12 December, 19:32
		Heard 1 undetermined explosion	N/K	12 December, 20:24
		Heard 2 explosions (impacts)	Recoilless gun (SPG-9, 73mm)	12 December, 20:41
		Heard 3 bursts	HMG	
		Heard 2 explosions (impacts)	Recoilless gun (SPG-9)	12 December, 21:02-21:04
		Heard 4 bursts	HMG	
		Heard 2 undetermined explosions	N/K	
	Heard 4 bursts	HMG	12 December, 21:31	
	4-6km SE	Heard 3 undetermined explosions	N/K	12 December, 21:53
	1-2km SSE	Heard 2 bursts	HMG	12 December, 22:25
		Heard 8 bursts		12 December, 22:38
	9-10km WNW	Heard 28 explosions (impacts)	Artillery (type N/K)	12 December, 23:12-23:20
	4-5km NNW	Heard 62 explosions (outgoing)		12 December, 23:36-23:56
	4-5km SSE	Heard 3 undetermined explosions	N/K	13 December, 08:20
		Heard 2 undetermined explosions		13 December, 16:00
	4-5km SW	Heard 4 undetermined explosions	HMG	13 December, 16:15-16:20
Heard 7 bursts				
Heard 5 explosions (impacts)		Recoilless gun (SPG-9)	13 December, 16:29	
Heard 4 bursts		HMG		
Heard 3 explosions (impacts)		Recoilless gun (SPG-9)		
2-4km SSE	Heard 2 undetermined explosions	N/K	13 December, 17:50	
	Heard 2 undetermined explosion		13 December, 18:05	
	Heard 4 bursts	HMG		
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	6-7km SW	Heard 2 bursts	HMG	12 December, 19:54
		Heard 3 bursts		12 December, 20:05
	4-5km SW	Heard 2 bursts		12 December, 20:12
	7-8km SW	Heard 2 undetermined explosions	N/K	12 December, 20:30
	7-8km NW	Heard 9 bursts	HMG	12 December, 20:35-20:36
	5-6km NW	Heard 6 shots	Small arms	12 December, 21:04
	7-8km NW	Heard 4 bursts	HMG	12 December, 21:18
3-4km SW	Heard 26 shots	Small arms	13 December, 15:47-15:55	
SMM camera 1km south-west of Shyrokyne (20km E of Mariupol)	5-8km N	Recorded 4 tracers from E to W	N/K	12 December, 20:30
		Recorded 4 tracers from E to W		12 December, 21:05
		Recorded 4 tracers from E to W		12 December, 21:46
		Recorded 7 tracers from E to W		12 December, 22:00
		Recorded 3 projectiles from E to W		12 December, 22:02
		Recorded 14 tracers from E to W		12 December, 22:39
		Recorded 4 projectiles from E to W		13 December, 18:29
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE)	N/K	Recorded 1 undetermined explosion	N/K	12 December, 20:43
		Recorded 2 undetermined explosions		12 December, 22:21
		Recorded 1 undetermined explosion		12 December, 22:26
		Recorded 3 undetermined explosions		12 December, 23:11
		Recorded 2 undetermined explosions		12 December, 23:12

of Donetsk)		Recorded 2 undetermined explosions		12 December, 23:18
		Recorded 2 undetermined explosions		12 December, 23:19
		Recorded 1 undetermined explosion		12 December, 23:20
		Recorded 1 undetermined explosion		13 December, 18:22
Railway station in Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	3-5km NNW	Heard 1 undetermined explosion	N/K	13 December, 08:45-09:15
		Heard 2 bursts	Small arms	13 December, 09:24
	2-4km NNW	Heard 2 shots		N/K
	2-4km WNW	Heard 3 bursts	Small arms	
		Heard 1 burst		
	3-5km NNW	Heard 1 burst	N/K	
	2-4km WNW	Heard 1 undetermined explosion		
	3-5km NNW	Heard 1 undetermined explosion	Small arms	
	1-2km WNW	Heard 4 shots		
	2-4km NE	Heard 55 explosions (outgoing)	N/K	13 December, 09:45-10:20
	2-3km SW	Heard 25 shots	Small arms	
		Heard 3 bursts		
	2-3km N	Heard 4 shots	N/K	
	1-2km W	Heard 8 undetermined explosions		
	2-4km N	Heard 13 shots	Small arms	13 December, 10:45-11:15
	3-6km NE	Heard 2 shots		
		Heard 20 undetermined explosions	N/K	
	2-4km W	Heard 2 bursts	Small arms	
	3-6km NE	Heard 6 bursts		
	3-6km WNW	Heard uncountable overlapping bursts and shots	Small arms	13 December, 11:20-11:25
		Heard 4 bursts		13 December, 11:23-11:40
	2-4km WNW	Heard 2 undetermined explosions	N/K	13 December, 11:41
		Heard uncountable overlapping bursts and shots	Small arms	13 December, 11:42
		Heard 2 undetermined explosions	N/K	13 December, 11:43
		Heard uncountable overlapping bursts and shots	Small arms	13 December, 11:44
		Heard 1 undetermined explosion	N/K	13 December, 11:44
	2-3km SW	Heard 8 bursts	Small arms	13 December, 11:50-12:20
	2-3km WSW	Heard 6 undetermined explosions	N/K	
	2-4km NE	Heard 2 undetermined explosions		
	2-4km N	Heard 2 bursts	HMG	13 December, 12:20-12:22
	3-7km W	Heard 7 undetermined explosions	N/K	13 December, 12:27-13:00
	2-5km SW	Heard 6 undetermined explosions		
1-3km W	Heard 15 bursts	Small arms	13 December, 13:20	
2-5km SW	Heard 12 undetermined explosions	N/K	13 December, 13:36-13:47	
1-3km WSW	Heard 6 shots	Small arms	13 December, 13:57-14:25	
3-7km WNW	Heard 10 undetermined explosions	N/K		
Donetsk central railway station (“DPR”-controlled, 6km NW of Donetsk city centre)	2-3km W	Heard 1 burst	Small arms	13 December, 08:52-08:55
		3-5km N	Heard 1 undetermined explosion	N/K
	Heard 1 undetermined explosion			
	Heard 5 bursts		Small arms	
	Heard 12 shots		HMG	
	2-4km N	Heard 10 shots	Small arms	13 December, 10:15-10:45
Heard 3 shots		HMG		
Heard 2 undetermined explosions	N/K			
Betmanove (formerly Krasnyi Partizan, “DPR”-controlled, 23km NE of Donetsk)	5km SE	Heard 17 explosions (outgoing)	N/K	13 December, 10:30-10:35
	5km NW	Heard 6 explosions (impacts)	Mortar (82mm)	13 December, 10:45-10:50
	0.3-0.4km NW	Heard 6 bursts (3-5 shots each)	Small arms	
	5km NW	Heard 3 explosions (impacts)	Mortar (82mm)	13 December, 11:01-11:02
Verkhnotoretske (government-controlled, 23km NE of Donetsk)	4-7km S	Heard 32 undetermined explosions	N/K	13 December, 10:45-11:00
	2-4km SE	Heard 2 bursts	Small arms	13 December, 10:55
	5-7km S	Heard 32 undetermined explosions	N/K	13 December, 11:00-11:08

2.5km W of Novoselivka Druha (government-controlled, 23km N of Donetsk)	10km WNW	Heard 15 explosions (outgoing)	Artillery (type N/K)	13 December, 12:20-12:40
	5km E	Heard 6 explosions (outgoing)	Mortar (120mm)	13 December, 12:28-12:35
Dokuchaievsk ("DPR"-controlled, 30km SW of Donetsk)	2-3km W	Heard 3 bursts	Small arms	13 December, 14:10
1.6km WNW of Mospyne ("DPR"-controlled, 24km SE of Donetsk)	2-4km NW	Heard 4 bursts (assessed as a live-fire exercise)	Small arms	13 December, 09:11
		Heard 32 shots (assessed as a live-fire exercise)		
Novotroitske (government-controlled, 36km SW of Donetsk)	2km E	Heard 1 undetermined explosion	N/K	13 December, 10:44
Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km SSE	Heard 29 bursts	Small arms	13 December, 11:40-12:05
		Heard 2 undetermined explosions	N/K	
2km SSE of Lomakyne (government-controlled, 15km NE of Mariupol)	N/K E	Heard 2 shots	Small arms	13 December, 10:31-10:49
		Heard 1 burst		
		Heard 1 undetermined explosion		
	N/K NE	Heard 5 bursts	HMG	
3km SE of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km SE	Heard 1 undetermined explosion	N/K	13 December, 11:33
2.5km SSE of Lomakyne (government-controlled, 15km NE of Mariupol)	N/K E	Heard 1 explosion (impact)	N/K	13 December, 12:32
		Heard uncountable bursts	Small arms	13 December, 12:52
		Heard 2 undetermined explosions	N/K	13 December, 13:04
		Heard 6 explosions (outgoing)		13 December, 13:19-13:22
	N/K ESE	Heard 4 subsequent explosions (impacts)	N/K	13 December, 13:26
N/K E	Heard 1 explosion (outgoing)		13 December, 13:26	
Chermalyk (government-controlled, 31km NE of Mariupol)	N/K E	Heard 1 undetermined explosion	N/K	13 December, 11:00
	2-3km SE	Heard 26 bursts	HMG	13 December, 11:35-11:44
		Heard 4 undetermined explosions	N/K	
2-3km S	Heard 1 undetermined explosion			
NNW edge of Chermalyk (government-controlled, 31km NE of Mariupol)	1-3km SE	Heard 5 undetermined explosions	N/K	13 December, 11:48-11:55
	1-3km S	Heard 12 bursts	HMG	
2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NE	Heard 1 undetermined explosion	N/K	13 December, 12:54
1km NNW of entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	N/K NNW	Heard 5 undetermined explosions	N/K	13 December, 13:25-13:35
Pivnichne (formerly Kirove, government-controlled, 44km NE of Donetsk)	12km S	Heard 5 undetermined explosions	N/K	13 December, 12:23
		Heard 5 undetermined explosions		13 December, 12:27-12:30
	1km E	Heard 1 undetermined explosion	Recoilless gun (SPG-9, 73mm)	13 December, 12:55
2km E of Romanivka	5-7km W	Heard 8 explosions (outgoing)	Artillery (type N/K)	13 December, 14:25

(government-controlled, 41km N of Donetsk)				
Popasna (government-controlled, 69km W of Luhansk)	2-3km SE	Heard 6 outgoing explosions	IFV (BMP-1) cannon (73mm)	12 December, 21:15-21:50
		Heard 7 bursts	HMG	
	8-10km SW	Heard 6 undetermined explosions	Mortar (120mm)	
	3-5km SE	Heard 5 undetermined explosions	IFV (BMP-1) cannon	12 December, 22:15-23:40
		Heard 25 undetermined explosions	N/K	
	200-500m WNW	Heard 10 explosions (outgoing)	Artillery (type N/K)	13 December, 00:05
	N/K	Heard 60 undetermined explosions	N/K	13 December, 00:06-02:20
	200-500m WNW	Heard 8 explosions (outgoing)	Artillery (type N/K)	13 December, 03:40
Heard 5 explosions (outgoing)		13 December, 04:35		
N/K	Heard 3 explosions (outgoing)			13 December, 06:00
Kadiivka ("LPR"-controlled, 50km W of Luhansk)	8-14km NW and NNW	Heard 112 explosions (impact and outgoing)	N/K	12 December, 21:46-22:38
	2-4km NW	Heard 6 explosions (impact and outgoing)		12 December, 22:34-22:39
	2-15km NW	Heard 50 explosions (12 outgoing at 2-5km, remainder undetermined)		12 December, 23:00-23:56
	2-15km W	Heard 30 explosions (3 outgoing at 2-5km, remainder undetermined)		
	5-15km WSW	Heard 35 undetermined explosions		
	5-15km NNW	Heard 100+ undetermined explosions		12-13 December, 23:56-00:51
	5-15km WSW	Heard 100+ undetermined explosions		
	5-15km NW	Heard 13 undetermined explosions		13 December, 01:00-01:58
	5-15km WNW	Heard 60 undetermined explosions		
	5-15km NNW	Heard 15 undetermined explosions		
	5-15km WSW	Heard 50 undetermined explosions		
	5-15km W	Heard 40 undetermined explosions		13 December, 02:00-02:18
	5-15km NW	Heard 60 undetermined explosions		
	5-15km NNE	Heard 15 undetermined explosions		13 December, 03:40-04:10
	5-15km W	Heard 5 undetermined explosions		
	5-15km NW	Heard 3 undetermined explosions		13 December, 04:28-06:20
		Heard 18 undetermined explosions		
	5-15km W	Heard 40 undetermined explosions		13 December, 06:11-06:20
		Heard 35 undetermined explosions		
	5-15km NW	Heard 10 undetermined explosions		13 December, 04:00-04:06
	5-15km W	Heard 25 undetermined explosions		
	5-15km NW	Heard 5 undetermined explosions		13 December, 04:28-04:30
	3-5km NW	Heard 4 undetermined explosions		
	3-5km WNW	Heard 8 explosions (outgoing)		13 December, 04:34-04:41
	4-8km NW	Heard 6 explosions (outgoing)		
	3-5km NW	Heard 8 explosions (outgoing)		13 December, 06:07-06:11
Heard 3 explosions (outgoing)				
3-6km WSW	Heard 1 explosion (outgoing)	13 December, 06:19-06:20		
Myrne ("LPR"-controlled, 28km SW of Luhansk)	750m W	Heard 3 explosions (outgoing) (assessed as a live-fire exercise)	Tank (type N/K)	13 December, 09:40
		Heard 17 shots (assessed as a live-fire exercise)	HMG	13 December, 09:47
	5km+ N	Heard 5 undetermined explosions (assessed as a live-fire exercise)	Artillery (type N/K)	13 December, 09:55
Kruhlyk ("LPR"-controlled, 31km SW of Luhansk)	2+km NW	Heard 4 outgoing explosions (assessed as a live-fire exercise)	Tank (type N/K)	13 December, 10:30-10:35
	600m W	Heard 3 bursts (assessed as a live-fire exercise)	HMG	
Raivka ("LPR"-controlled, 16km NW of Luhansk)	15km NW	Heard 4 undetermined explosions	N/K	13 December, 10:28
		Heard 8 undetermined explosions		13 December, 10:53-10:56

	10km+ N	Heard 1 undetermined explosion		13 December, 13:00
	15km NW	Heard 15 undetermined explosions		13 December, 13:05-13:30
	10km NW	Heard 5 undetermined explosions		13 December, 13:42
		Heard 26 undetermined explosions		13 December, 14:06-14:15
		Heard 3 undetermined explosions		13 December, 14:21
15km NW	Heard 7 undetermined explosions	13 December, 14:33-14:40		
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	5-8km SW	Heard 6 undetermined explosions	N/K	13 December, 13:00-13:07
Popasna (government-controlled, 69km W of Luhansk)	2km S	Heard 2 bursts	HMG	12 December, 09:56
	4-5km SSE	Heard 1 undetermined explosion	N/K	13 December, 12:57
Railway station in NW part of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	8-10km SW	Heard 1 undetermined explosion	N/K	13 December, 14:01
	2-3km S	Heard 3 bursts	HMG	13 December, 15:15
	4-5km S	Heard 2 undetermined explosions	N/K	13 December, 15:20-15:24
	3km W	Heard 27 bursts	HMG	13 December, 15:26
	5-7km W	Heard 5 undetermined explosions	N/K	13 December, 15:31

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.)