Table of ceasefire violations as of 14 November 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in			1	
Petrivske ("DPR"-		Recorded 1 tracer from W to E		
controlled, 41km S	2-3km SSW	(assessed as inside disengagement	N/K	13 November, 16:30
of Donetsk city		area)		
centre)		77 141	In to	
Railway station in		Heard 4 bursts	HMG	14 November, 10:05-10:06
Yasynuvata ("DPR"-controlled, 16km NE	2.41 337	Heard 2 undetermined explosions	N/K	
of Donetsk)	2-4km W	Heard 2 undetermined explosions	Small arms	14 November, 10:58-10:59
of Dolletsk)		Heard 5 bursts Heard 7 undetermined explosions	N/K	14 November, 11:08-11:13
SW edge of		Heard 1 undetermined explosion	N/K	14 November, 11:08-11:13
Avdiivka		Heard 5 bursts	Small arms	
(government-	2-3km E	Heard 5 bursts	Siliali arilis	14 November, 10:56-11:00
controlled, 17km N		Heard 6 shots	HMG	
of Donetsk)	2km SE	Heard 10 undetermined explosions		
,		Heard 2 undetermined explosions	N/K	14 November, 11:05-11:14
	2-3km S	Heard 9 shots	Small arms	14 100 vember, 11.03-11.14
	3-4km SW	Heard 2 undetermined explosions	N/K	
	2km SW	Heard 5 shots		14 November, 11:47-11:57
		Heard 15 shots	Small arms	
	2-3km SE	Heard 1 undetermined explosion		
	4-5km S	Heard 1 undetermined explosion	N/K	14 November, 12:29-12:49
	3-4km E	Heard 2 undetermined explosions	- "	
	2-3km E	Heard 1 undetermined explosion	N/K	
		Heard 5 bursts	Small arms	14 November, 10:56-11:00
		Heard 5 bursts	HMG	
		Heard 6 shots		
	2km SE	Heard 10 undetermined explosions	NI/IZ	
		Heard 2 undetermined explosions	N/K	14 November, 11:05-11:14
	2-3km S	Heard 9 shots	G 11	
		Heard 3 undetermined explosions	Small arms	
Petrivske ("DPR"-	1-1.5km SE	Heard 1 burst (assessed as outside the	HMG	14 November, 09:38
controlled, 41km S		disengagement area)		
of Donetsk)	1-1.5kiii SL	Heard 2 shots (assessed as outside the		
		disengagement area)		
Oleksandrivka		Heard 2 undetermined explosions	N/K	
("DPR"-controlled,	2-4km N	TT 11 1 .	G 11	14 November, 10:19-10:21
20km SW of		Heard 1 shot	Small arms	
Donetsk) Donetsk central				
railway station				
("DPR"-controlled,	1-3km W	Heard 20 undetermined explosions	N/K	14 November, 14:05
6km NW of Donetsk	1 3km W	Tiedra 20 anacterminea expressions	IV/K	141(0)(0)(0)(14.03
city centre)				
SMM camera site at	1km WSW	Heard 1 undetermined explosion	N/K	14 November, 07:50
Oktiabr mine (9km	1-2km WNW	Heard 3 shots	Small arms	14 November, 07:55
NW of Donetsk city	1-2km WSW	Heard 1 undetermined explosion		14 November, 08:06
centre)		Heard 2 undetermined explosions	N/K	14 November, 09:08
		Heard uncountable overlapping bursts		14 November, 09:21-09:23 14 November, 09:28-09:31
		and shots	HMG/small arms	
		Heard uncountable overlapping bursts	THYIO/SIHall allis	
		and shots		
	1-2km ESE	Heard 1 undetermined explosion	N/K	

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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.

	2-3km S	Heard 1 undetermined explosion		14 November, 09:37
		Heard uncountable overlapping bursts	In Co. II	
	1-2km SW	and shots	HMG/small arms	14 November, 09:40-09:41
		Heard 5 bursts	HMG	14 November, 09:42
	2-3km N	Heard 1 undetermined explosion	N/K	14 November, 09:45
	1 21 6777	Heard 2 bursts	Small arms	14 November, 09:52
	1-2km SW	Heard 1 undetermined explosion	N/K	14 November, 10:00
1km NNW of entry-	4.51.5	Heard 1 undetermined explosion		14 November, 09:25
exit checkpoint	4-5km E	Heard 1 undetermined explosion		14 November, 09:37
Pyshchevyk	N/K SE	Heard 1 undetermined explosion	1	14 November, 09:48
(government-	4-5km E	Heard 1 undetermined explosion	N/K	· ·
controlled, 25km NE	N/K S	Heard 4 undetermined explosions		14 November, 10:22
Mariupol)	N/KSE	Heard 2 undetermined explosions		14 November, 10:27
	N/K NE	Heard 1 shot	Small arms	14 November, 11:51
	N/K E	Heard 1 undetermined explosion		14 November, 12:04
	N/K SE	Heard 1 undetermined explosion	N/K	14 November, 12:11
2km SW of	N/K E	Heard 3 undetermined explosions		14 November, 09:48
Pyshchevyk	N/K SE	Heard 3 undetermined explosions	N/K	14 November, 10:20
(government-	2-4km SE	Heard 10 bursts	Small arms	14 November, 10:47
controlled, 25km NE	N/K E	Heard 1 undetermined explosion	N/K	14 November, 10:53
of Mariupol)	1-2km SE	Heard 1 burst	Small arms	14 November, 10:58
-		Heard 1 undetermined explosion		14 November, 11:37
	4-5km SE	Heard 1 undetermined explosion	1	14 November, 11:44
		Heard 1 undetermined explosion	N/K	14 November, 11:47
	5-6km E	Heard 1 undetermined explosion		14 November, 11:51
	5-6km SE	Heard 7 shots	IFV (BMP-2) cannon	,
	3 OKIII SE	ricula / Shots	(30mm)	14 November, 11:59
	7-8km S	Heard 1 undetermined explosion	N/K	14 November, 12:02
	N/K E	Heard 3 undetermined explosions		14 November, 13:03
	N/K SE	Heard 2 undetermined explosions		14 November, 13:26-13:27
	2-3km SE	Heard 1 shot	Small arms	14 November, 13:43
1.5km SE of	N/K SSE	Heard 2 undetermined explosions	N/K	14 November, 10:52-11:02 14 November, 11:54-12:00
Lomakyne	N/K SSE	Heard 14 shots	Small arms	
(government-	N/K ENE	Heard uncountable overlapping shots	Siliali alliis	
controlled, 15km NE	N/K ENE	Heard uncountable overlapping bursts	HMG	
of Mariupol)	N/K SSE	Heard 5 bursts	TIIVIO	
		Heard 5 bursts	- Small arms	14 November, 13:00-13:45
	N/K E	Heard 9 bursts	Sman arms	
		Heard 9 bursts	HMG	
2km SE of	2km E	Heard 18 shots		14 November, 12:20-12:45
Lebedynske		Heard 5 shots	IFV (BMP-2) cannon	14 November, 12:45-13:00
(government-		Heard 9 shots		
controlled, 15km NE		Heard 3 bursts	Small arms	
of Mariupol)		Heard 2 bursts	HMG	14 November, 13:00-13:30
		Heard 1 shot	Recoilless gun (SPG-	
			9, 73mm)	
		Heard 3 bursts	HMG	14 November, 13:30-13:55
		Heard 3 shots	IFV (BMP-2) cannon	
Horlivka ("DPR"-	3-5km SW	Heard 1 burst	Small arms	13 November, 20:12
controlled, 39km NE	7-10km SW	Heard 1 undetermined explosion	N/K	13 November, 20:14
of Donetsk)		Heard 4 bursts	1	13 November, 20:15
	3-5km SW	Heard 10 shots	Small arms	13 November, 20:21
		Heard 1 burst		13 November, 21:26
NW edge of	1-2km SW	Heard 5 bursts	Small arms	14 November, 10:45
Horlivka ("DPR"-	6km SW	Heard 5 undetermined explosions	N/K	14 November, 11:33
controlled, 39km NE	2-3km SW	Heard 7 bursts	HMG	14 November, 12:20
of Donetsk)	3-5km SW	Heard 2 undetermined explosions	N/K	14 November, 13:55
	J-JKIII J VV	Heard 1 undetermined explosion	1 1/ 12	14 November, 14:00
Svitlodarsk	2-3km SSE	Heard 5 bursts	HMG	13 November, 18:34
(government-	2-JKIII DOE	Heard 2 bursts	TIIVIO	13 November, 18:55
controlled, 57km NE		Heard 5 shots	IFV (BMP-2) cannon	13 November, 19:14
of Donetsk)	2 21 SE	Heard 3 bursts	HMG	
	2-3km SE	Heard 3 undetermined explosions	IFV (BMP-1) cannon (73mm)	13 November, 19:20-19:22

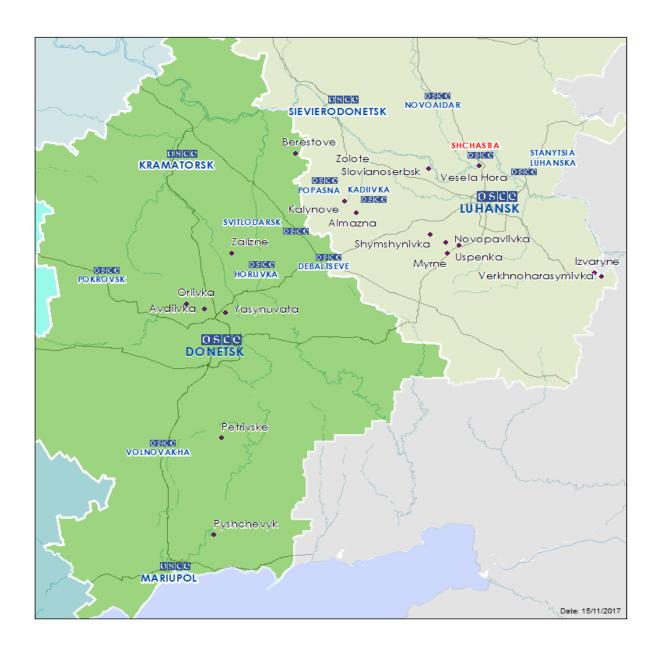
	1	T	T	1
	2-3km SSE	Heard 7 bursts Heard 9 bursts	HMG	13 November, 19:36
		Heard 12 bursts	Small arms	
	1-3km SE	Heard 5 bursts	HMG	13 November, 19:51-19:55
	1 Skiii SE	Heard 7 shots	IFV (BMP-2)	13 1 (0 veimber, 19:31 19:33
	4-6 km SSE	Heard 2 undetermined explosions	N/K	13 November, 20:06
	4-0 KIII 33E	i	HMG	13 November, 20:19-20:25
		Heard 18 bursts	N/K	13 November, 20:19-20:23
	1-4km SE	Heard 1 undetermined explosion	I .	12.11 1 20.21 20.25
		Heard 15 bursts	HMG	13 November, 20:31-20:35
		Heard 16 bursts	Small arms	
		Heard 2 shots	IFV (BMP-2) cannon	
		Heard 27 bursts	HMG	13 November, 20:46-20:50
		Heard 2 undetermined explosions	N/K	
		Heard 27 bursts	HMG	13 November, 20:53-20:58
	2-3km SE	Heard 11 bursts		13 November, 21:03-21:07
	2 Skin SE	Heard 2 undetermined explosions	N/K	·
		Heard 7 bursts	HMG	13 November, 21:15
		Heard 80 bursts		
		Heard 2 shots	IFV (BMP-2) cannon	13 November, 21:20-21:22
		Heard 2 undetermined explosions	N/K	
	2-3km SSE	Heard 80 bursts	HMG	13 November, 21:21-21:22
	3-4km SE	Heard 3 explosions (impacts)	Mortar (type N/K)	13 November, 21:28
		• • • • • • • • • • • • • • • • • • • •	Anti-aircraft cannon	·
		Heard 3 bursts	(ZU-23, 23mm)	13 November, 21:33-21:36
		Heard 8 explosions (impacts)	Mortar (type N/K)	1
		Heard 40 bursts	HMG	
		Heard 2 undetermined explosions	IFV (BMP-1) cannon	1
		Heard 3 undetermined explosions	N/K	13 November, 21:46-21:50
			Anti-aircraft cannon	15 1 10 10 10 10 21 10 21 10 2
		Heard 16 bursts	(ZU-23)	
	2-4km SE	Heard 50 bursts	HMG	13 November, 21:53-21:57
		Heard 3 shots	IFV (BMP-2) cannon	13 140 veinoet, 21.33-21.37
		Heard 12 bursts	II'V (DIVII -2) Calliloli	13 November, 22:20-22:25
		Heard 7 bursts	HMG	
		Heard 1 undetermined explosion	N/K	13 November, 22:34-22:38
			HMG	
		Heard 8 bursts		4
		Heard 2 undetermined explosions	N/K	12 N 1 22 00 22 02
		Heard 10 shots	Anti-aircraft cannon	13 November, 23:00-23:03
		TT 1161	(ZU-23)	4
		Heard 16 bursts	HMG	
		Heard 8 explosions (impacts)	Mortar (type N/K)	13 November, 23:18-23:20
		Heard 10 outgoing bursts	HMG	, , , , , , , , , , , , , , , , , , , ,
		Heard 1 undetermined explosion	N/K	13 November, 23:37-23:41
		Heard 10 bursts	HMG	·
		Heard 33 bursts	111110	13 November, 23:52-23:59
	3-5km SSE	Heard 1 undetermined explosion		14 November, 12:47
		Heard 1 undetermined explosion	_	14 November, 15:16
	2-3km SE	Heard 1 undetermined explosion	N/K	14 November, 15:22
	2-JKIII SE	Heard 1 undetermined explosion		14 November, 15:44
		Heard 1 undetermined explosion		14 November, 15:57
		Heard 50 bursts	Small arms	14 November, 16:08-16:15
	1 21. 0	Heard 15 explosions (outgoing)	Mortar (type N/K)]
	1-3km S	Heard 40 bursts	Small arms	14 November, 16:20-16:28
		Heard 20 explosions (outgoing)	Mortar (type N/K)	1
Zalizne (formerly		Heard 3 shots	Small arms	14 November, 09:50
	3-5km E			
Artemove,	3-5km E			14 November, 11:28
Artemove,		Heard 1 undetermined explosion	_	14 November, 11:28 14 November, 11:32
•	3-5km E 3-5km SW	Heard 1 undetermined explosion Heard 1 undetermined explosion	-	14 November, 11:32
Artemove, government-	3-5km SW	Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion	N/K	14 November, 11:32 14 November, 11:34
Artemove, government- controlled, 42km NE		Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosion	N/K	14 November, 11:32 14 November, 11:34 14 November, 13:55
Artemove, government- controlled, 42km NE	3-5km SW 3km SE	Heard 1 undetermined explosion	N/K	14 November, 11:32 14 November, 11:34 14 November, 13:55 14 November, 14:05
Artemove, government- controlled, 42km NE of Donetsk)	3-5km SW	Heard 1 undetermined explosion	N/K	14 November, 11:32 14 November, 11:34 14 November, 13:55 14 November, 14:05 14 November, 14:10
Artemove, government- controlled, 42km NE of Donetsk)	3-5km SW 3km SE 3-5km SW	Heard 1 undetermined explosion Recorded 2 undetermined explosions		14 November, 11:32 14 November, 11:34 14 November, 13:55 14 November, 14:05 14 November, 14:10 13 November, 18:55
Artemove, government- controlled, 42km NE of Donetsk)	3-5km SW 3km SE	Heard 1 undetermined explosion	N/K	14 November, 11:32 14 November, 11:34 14 November, 13:55 14 November, 14:05 14 November, 14:10

Donetsk)		vertical flight		
Donetsk)		Recorded 1 undetermined explosion	1	13 November, 21:14
		Recorded 3 projectiles from E to W		13 November, 23:21
		Recorded 5 projectiles from E to W		13 November, 23:22
		Recorded 1 undetermined explosion		13 1vovember, 23.22
		Recorded 7 projectiles from E to W	=	13 November, 23:23
		Recorded 1 undetermined explosion		,
		Recorded 1 undetermined explosion Recorded 3 projectiles from E to W	-	13 November, 23:24
		Recorded 1 projectile from W to E		
		Recorded 1 undetermined explosion	1	13 November, 23:25
		Recorded 3 undetermined explosions		13 November, 23:26
		Recorded 1 undetermined explosion		13 November, 23:29
		Recorded 1 illumination flare from W		13 November, 23:30
	1.5km S	to E Recorded 1 undetermined explosion	-	14 November, 14:05
	0.3km S	Recorded 1 undetermined explosion Recorded 1 projectile from E to W		14 November, 14:38
	0.5-0.6km S	Recorded 1 undetermined explosion	-	14 November, 15:16
	0.5km S	Recorded 1 projectile from W to E	†	14 November, 15:27
	0.3-0.4km S	Recorded 1 undetermined explosion		14 November, 15:45
		Recorded 25 projectiles from E to W		14 November, 16:18
		Recorded 1 undetermined explosion	_	14 November, 16:20
		Recorded 1 undetermined explosion	-	14 November, 16:21
		Recorded 1 undetermined explosion Recorded 1 projectile from E to W	-	14 November, 16:25 14 November, 16:26
	0.5-1.5km S	Recorded 1 projectile from E to w Recorded 2 undetermined explosions	-	14 November, 16:28
		Recorded 8 projectiles from E to W	_	14 November, 16:31
		Recorded 7 tracers from E to W	-	14 November, 16:44
		Recorded 1 undetermined explosion		14 November, 16:46
		Recorded 1 undetermined explosion		14 November, 16:51
		Recorded 1 illumination flare in		13 November, 21:23
	5-8km N	vertical flight	-	·
		Recorded 1 undetermined explosion		13 November, 21:24 13 November, 21:44
		Recorded 1 projectile from E to W Recorded 1 illumination flare in	-	,
		vertical flight		13 November, 21:58
		Recorded 11 projectiles from E to W		13 November, 23:27
		Recorded 6 projectiles from E to W		14 November, 00:40
		Recorded 1 projectile from E to W		14 November, 03:21
		Recorded 1 projectile from W to E		,
		Recorded 2 projectiles from W to E	-	14 November, 16:32
		Recorded 2 projectiles from E to W Recorded 10 projectiles from E to W	-	14 November, 17:03 14 November, 17:06
		Recorded 1 projectiles from E to W		14 November, 17:00
SMM camera in		Recorded 2 projectiles from E to W	-	14 November, 17:12
Shyrokyne (20km E of Mariupol)		Recorded 9 projectiles from E to W	N/K	14 November, 17:15
		Recorded 1 tracer from E to W		14 November, 17:20
		Recorded 5 projectiles from W to E	-	14 November, 17:24
		Recorded 1 projectile from E to W	-	14 November, 17:25
		Recorded 5 projectiles from W to E Recorded 12 projectiles from E to W	-	14 November, 17:30
			1	14 November 17:31
		Recorded 5 projectiles from E to W		14 November, 17:31 14 November, 17:34
				14 November, 17:31 14 November, 17:34 14 November, 17:41
		Recorded 5 projectiles from E to W Recorded 8 projectiles from E to W Recorded 7 projectiles from E to W Recorded 1 tracer from E to W		14 November, 17:34 14 November, 17:41 14 November, 17:45
		Recorded 5 projectiles from E to W Recorded 8 projectiles from E to W Recorded 7 projectiles from E to W Recorded 1 tracer from E to W Recorded 1 tracer from E to W		14 November, 17:34 14 November, 17:41 14 November, 17:45 14 November, 17:47
		Recorded 5 projectiles from E to W Recorded 8 projectiles from E to W Recorded 7 projectiles from E to W Recorded 1 tracer from E to W Recorded 1 tracer from E to W Recorded 1 tracer from W to E		14 November, 17:34 14 November, 17:41 14 November, 17:45 14 November, 17:47 14 November, 17:52
		Recorded 5 projectiles from E to W Recorded 8 projectiles from E to W Recorded 7 projectiles from E to W Recorded 1 tracer from E to W Recorded 1 tracer from E to W Recorded 1 tracer from W to E Recorded 3 tracers from E to W		14 November, 17:34 14 November, 17:41 14 November, 17:45 14 November, 17:47 14 November, 17:52 14 November, 18:14
		Recorded 5 projectiles from E to W Recorded 8 projectiles from E to W Recorded 7 projectiles from E to W Recorded 1 tracer from E to W Recorded 1 tracer from E to W Recorded 1 tracer from W to E Recorded 3 tracers from E to W Recorded 3 tracers from E to W		14 November, 17:34 14 November, 17:41 14 November, 17:45 14 November, 17:47 14 November, 17:52 14 November, 18:14 14 November, 18:15
		Recorded 5 projectiles from E to W Recorded 8 projectiles from E to W Recorded 7 projectiles from E to W Recorded 1 tracer from E to W Recorded 1 tracer from E to W Recorded 1 tracer from W to E Recorded 3 tracers from E to W Recorded 4 tracers from E to W Recorded 5 tracers from E to W Recorded 6 tracers from E to W Recorded 7 tracers from E to W		14 November, 17:34 14 November, 17:41 14 November, 17:45 14 November, 17:47 14 November, 17:52 14 November, 18:14 14 November, 18:15 14 November, 18:16
E edge of Stanytsia	3km S	Recorded 5 projectiles from E to W Recorded 8 projectiles from E to W Recorded 7 projectiles from E to W Recorded 1 tracer from E to W Recorded 1 tracer from E to W Recorded 1 tracer from W to E Recorded 3 tracers from E to W Recorded 3 tracers from E to W	HMG	14 November, 17:34 14 November, 17:41 14 November, 17:45 14 November, 17:47 14 November, 17:52 14 November, 18:14 14 November, 18:15 14 November, 18:16 14 November, 18:19
E edge of Stanytsia Luhanska	3km S	Recorded 5 projectiles from E to W Recorded 8 projectiles from E to W Recorded 7 projectiles from E to W Recorded 1 tracer from E to W Recorded 1 tracer from E to W Recorded 1 tracer from W to E Recorded 3 tracers from E to W Recorded 3 tracers from E to W Recorded 4 tracers from E to W Recorded 5 tracers from E to W Recorded 5 tracers from E to W	HMG	14 November, 17:34 14 November, 17:41 14 November, 17:45 14 November, 17:47 14 November, 17:52 14 November, 18:14 14 November, 18:15 14 November, 18:16

14 November, 13:20-13:2 15 November, 13:20-13:2 15 November, 13:20-13:2 16 November, 13:20-13:2 17 November, 13:20-13:2 18 November, 13:20-13:2 19 November, 13:20-13:2 19 November, 13:20-13:2 19 November, 13:20-13:2 10 November, 13:20-13:2 10 November, 13:20-13:2 14 November, 15:28 15 November, 15:28 14 November, 15:28 14 November, 15:28 15 November, 15:28 15 November, 15:28 18 November, 15:28 18 November, 15:28 19 November, 15:28 19 November, 15:28 10 November, 15:28 10 November, 15:28 11 November, 15:28 12 November, 15:28 13 November, 15:28 14 November, 15:28 15 November, 15:28 15 November, 15:28 16 November, 15:28 17 November, 15:28 18 November, 15:28 18 November, 15:28 18 November, 15:28 19 November, 15:28 19 November, 15:28 10 November, 15:28 10 November, 15:28 14 November, 15:28 15 November, 15:28 16 November, 15:28 16 November, 15:28 17 November, 15:28 18 November, 15:36 18 November, 15:29 18 November, 15:36 18 November, 15	controlled, 16km NE				
Luhansk bridge (15km NE of Luhansk)					
Lubansk bridge (15km NE of Lubansk)	Luhanska bridge (15km NE of	0.5m E		Small arms	14 November, 13:20-13:24
Cassessed as a live-fire exercise Anti-tank guided missile system (gk111 Fagot, 120mm)	Luhanska bridge (15km NE of	2-3km SE	(assessed as outside the	N/K	14 November, 15:28
Cassessed as a live-fire exercise missile system mi		3km S		Tank (type N/K)	14 November, 09:05-09:20
Gassessed as a live-fire exercise) Hard 5 bursts (assessed as a live-fire exercise)			•	missile system (9K111 Fagot,	
S.Km NW Uspenka ("LPR"-controlled, 23km SW of Luhansk)			(assessed as a live-fire exercise)	,	
("LPR"-controlled, 23km SW of Luhansk) 10-12km S (assessed as a live-fire exercise) N/K 14 November, 09:16-09:4 ("LPR"-controlled, 27km SW of Luhansk) Ikm S W of Luhansk) Ikm S Tank (type N/K) 14 November, 09:25-09:4 2.5km SW of Myrne ("LPR"-controlled, 28km SW of Luhansk) Ikm S of Heard 3 undetermined explosions (assessed as a live-fire exercise) Artillery (type N/K) 14 November, 09:25-09:4 Ikm S of Novopavlivka ("LPR"-controlled, 25km SW of Luhansk) 3-4km SE Heard 3 bursts (assessed as a live-fire exercise) Heard 3 bursts (assessed as a live-fire exercise) Heard (budetermined explosions (assessed as a live-fire exercise) Artillery (type N/K) 14 November, 09:25-09:4 25km SW of Luhansk) 3-4km SE Heard 14 undetermined explosions (assessed as a live-fire exercise) Artillery (type N/K) 14 November, 10:15-10:2 25km SW of Luhansk) Heard 3 bursts (assessed as a live-fire exercise) Heard 3 bursts (assessed as a live-fire exercise) Heard 13 undetermined explosions (assessed as a live-fire exercise) Artillery (type N/K) 14 November, 10:15-10:2 26km SW of Luhansk) 8-10km S Heard 40 shots Small arms 14 November, 10:10-10:1 8 cdge of Kalynove ("LPR"-controlled, 26km W of Luhansk) Heard 10 shots Small arms <			` `	HMG	
CTLPR"-controlled, 2.5km SW of Myme ("LPR"-controlled, 28km SW of Luhansk)	("LPR"-controlled, 23km SW of	5-7km SW		N/K	14 November, 10:33-10:45
(°L.PR"-controlled, 28km SW of Luhansk) 4 (assessed as a live-fire exercise) Heard 6 undetermined explosions (assessed as a live-fire exercise) Artillery (type N/K) (assessed as a live-fire exercise) Ikm S of Novopavlivka ("LPR"-controlled, 25km SW of Luhansk) 3-4km SE Heard 3 bursts (assessed as a live-fire exercise) Tank (type N/K) (assessed as a live-fire exercise) 14 November, 10:15-10:2 (assessed as a live-fire exercise) Luhansk) Heard 3 undetermined explosions (assessed as a live-fire exercise) Artillery (type N/K) (assessed as a live-fire exercise) Heard 15 undetermined explosions (assessed as a live-fire exercise) HMG Heard 3 bursts (assessed as a live-fire exercise) HHMG Heard 1 bundetermined explosions (assessed as a live-fire exercise) HMG Wester ("LPR"-controlled, 60km W of Luhansk) 8-10km S Heard 4 undetermined explosion N/K 14 November, 10:10-10:1 WSW ("LPR"-controlled, 60km W of Luhansk) 8-10km S Heard 70 shots Small arms 14 November, 11:56 N egg of C"LPR"-controlled, 28km NW of Luhansk) 8-12km ESE Heard 2 undetermined explosions N/K 14 November, 12:24-12:3 Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk) Heard 4 undetermined explosions N/K 14 November, 12:25-13:0 Slovianoserbsk ("L	("LPR"-controlled, 27km SW of	10-12km S		N/K	14 November, 09:16-09:40
Luhansk		1km S		Tank (type N/K)	14 November, 09:25-09:40
Cassessed as a live-fire exercise Hard 3 bursts (assessed as a live-fire exercise)				Artillery (type N/K)	
Ikm S of Novopavlivka ("LPR"-controlled, 25km SW of Luhansk)				IFV (BMP-variant)	
Novopavlivka ("LPR"-controlled, 25km SW of Luhansk) Sedge of Kalynove ("LPR"-controlled, 60km W of Luhansk) Read 3 undetermined explosions (assessed as a live-fire exercise) Heard 40 shots Heard 1 undetermined explosion (box with standard st			` `	HMG	
25km SW of Luhansk) Cassessed as a live-fire exercise)		3-4km SE	(assessed as a live-fire exercise)		14 November, 10:15-10:25
Cassessed as a live-fire exercise Hard 3 bursts (assessed as a live-fire exercise) Heard 3 bursts (assessed as a live-fire exercise)	25km SW of			Artillery (type N/K)	
S edge of Kalynove ("LPR"-controlled, 60km W of Luhansk) N edge of Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk) Slovianoserbsk ("LPR"-controlled, 16km N of Luhansk) S-8km WSW ("LPR"-controlled, 16km N of Luhansk) S-8km WSW ("LPR"-controlled, 16km N of Luhansk) S-8km SW of Almazna ("LPR"- slove bereics of the exercise)	Luhansk)			IFV (BMP-variant)	
("LPR"-controlled, 60km W of Luhansk)8-10km SHeard 1 undetermined explosionN/K14 November, 10:463km SE of Kalynove ("LPR"-controlled, 60km W of Luhansk)2-3km SW, S and SEHeard 70 shotsSmall arms14 November, 11:46-12:1N edge of Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk)8-12km Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk)Heard 2 undetermined explosionsN/K14 November, 12:12Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk)4-6km ESEHeard 4 undetermined explosionsN/K14 November, 12:55-13:0Vesela Hora ("LPR"- controlled, 16km N of Luhansk)5-8km WSWHeard 3 undetermined explosionsN/K14 November, 12:26-12:23.5km SW of Almazna ("LPR"-1-2km EHeard 135 shots (assessed as a live- fire exercise)Small arms14 November, 12:55-13:5			•	HMG	
60km W of Luhansk)2-3km SW, S and SE of Kalynove ("LPR"-controlled, 60km W of Luhansk)4-8km SE of Kalynove ("LPR"-controlled, 60km W of Luhansk)4-12:14 November, 11:46-12:14 November, 11:46-12:15 N/KN edge of Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk)8-12km Heard 2 undetermined explosionsN/K14 November, 12:12Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk)4-6km ESEHeard 4 undetermined explosionsN/K14 November, 12:55-13:0Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk)4-6km ESEHeard 4 undetermined explosionsN/K14 November, 12:55-13:0Vesela Hora ("LPR"-controlled, 16km N of Luhansk)5-8km WSWHeard 3 undetermined explosionsN/K14 November, 12:26-12:23.5km SW of Almazna ("LPR"-1-2km EHeard 135 shots (assessed as a live-fire exercise)Small arms14 November, 12:55-13:5		2km W	Heard 40 shots	Small arms	14 November, 10:10-10:12
("LPR"-controlled, 60km W of Luhansk)and SEHeard 1 undetermined explosionN/K14 November, 11:56N edge of Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk)8-12km WSWHeard 2 undetermined explosionsN/K14 November, 12:12Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk)4-6km ESEHeard 8 undetermined explosionsN/K14 November, 12:24-12:3Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk)4-6km ESEHeard 4 undetermined explosionsN/K14 November, 12:55-13:0Vesela Hora ("LPR"- controlled, 16km N of Luhansk)5-8km WSWHeard 3 undetermined explosionsN/K14 November, 12:26-12:23.5km SW of Almazna ("LPR"- fire exercise)1-2km EHeard 135 shots (assessed as a live- fire exercise)Small arms14 November, 12:55-13:5		8-10km S	Heard 1 undetermined explosion	N/K	14 November, 10:46
N edge of Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk) Vesela Hora ("LPR"-controlled, 16km N of Luhansk) Jackson of Luhansk ("Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk) Vesela Hora ("LPR"- 5-8km WSW Heard 3 undetermined explosions N/K ("LPR"-controlled, 16km N of Luhansk) Jackson of Luhansk ("LPR"- 5-8km WSW Heard 135 shots (assessed as a live-fire exercise) N/K ("LPR"-controlled, 16km N of Luhansk) Jackson of Luhansk ("LPR"- 1-2km E Heard 135 shots (assessed as a live-fire exercise)			Heard 70 shots	Small arms	14 November, 11:46-12:12
Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk) Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk) Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk) Vesela Hora ("LPR"- controlled, 16km N of Luhansk) 3.5km SW of Almazna ("LPR"- Almazna ("LPR"- Almazna ("LPR"- Almazna ("LPR"- Fire exercise) Heard 8 undetermined explosions N/K 14 November, 12:25-13:0 N/K 14 November, 12:26-12:2 Small arms 14 November, 12:55-13:5		8-10km S	Heard 1 undetermined explosion		
("LPR"-controlled, 28km NW of Luhansk) Slovianoserbsk ("LPR"-controlled, 28km NW of Luhansk) Vesela Hora ("LPR"-controlled, 16km N of Luhansk) 3.5km SW of Almazna ("LPR"- Almazna ("LPR"- Almazna ("LPR"- Almazna ("LPR"- Beard 8 undetermined explosions N/K 14 November, 12:24-12:3 N/K 14 November, 12:25-13:0 N/K 14 November, 12:26-12:2 Small arms 14 November, 12:25-13:5			Heard 2 undetermined explosions	N/K	14 November, 12:12
("LPR"-controlled, 28km NW of Luhansk) Vesela Hora ("LPR"-controlled, 16km N of Luhansk) 3.5km SW of Almazna ("LPR"-fire exercise) Heard 135 shots (assessed as a livefire exercise) N/K 14 November, 12:26-12:2 Small arms 14 November, 12:55-13:5	28km NW of	8-12km ESE	Heard 8 undetermined explosions		14 November, 12:24-12:34
Vesela Hora ("LPR"- controlled, 16km N of Luhansk) 3.5km SW of Almazna ("LPR"- fire exercise) Heard 3 undetermined explosions N/K 14 November, 12:26-12:2 N/K 14 November, 12:26-12:2 Small arms 14 November, 12:55-13:5	("LPR"-controlled, 28km NW of	4-6km ESE	Heard 4 undetermined explosions	N/K	14 November, 12:55-13:00
3.5km SW of Almazna ("LPR"- Heard 135 shots (assessed as a live-fire exercise) Small arms 14 November, 12:55-13:5	Vesela Hora ("LPR"- controlled, 16km N	5-8km WSW	Heard 3 undetermined explosions	N/K	14 November, 12:26-12:28
controlled, 55km W 5-8km SSW Heard 10 undetermined explosions N/K	3.5km SW of Almazna ("LPR"-		fire exercise)		14 November, 12:55-13:50
The second secon	controlled, 55km W	5-8km SSW	Heard 10 undetermined explosions	N/K	

of Luhansk)	(assessed as a live-fire exerci	

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.)