

**Table of ceasefire violations as of 7 March 2017<sup>1</sup>**

<b>SMM position</b>	<b>Location of event</b>	<b>Observation</b>	<b>Type of weapon/ammunition</b>	<b>Date/time</b>
SMM camera at Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	0.9km S	Recorded 1 explosion (impact) (assessed as inside disengagement area)	Mortar (type N/K)	4 March, 21:12
	N/K ESE	Recorded 1 explosion (outgoing) (assessed as outside disengagement area)		4 March, 22:47
	0.4km SE	Recorded 1 projectile from N to S (assessed as inside disengagement area)	N/K	
	0.4km ESE	Recorded 2 shots (assessed as outside disengagement area)		
	1.2km SSE	Recorded 15 projectiles from NNW to SSE (assessed as inside disengagement area)	AGL (AGS-17, 30mm)	4 March, 22:52
	1.7km S	Recorded 1 airburst (assessed as inside disengagement area)	Mortar (type N/K)	4 March, 22:53
	1.1km S	Recorded 1 explosion (impact) (assessed as inside disengagement area)		
	1km SE	Recorded 1 projectile from N to S (assessed as inside disengagement area)	RPG	4 March, 22:56
	0.7km SE	Recorded 1 explosion (impact) (assessed as inside disengagement area)	Mortar (type N/K)	
	1km SE	Recorded 1 projectile from N to S (assessed as inside disengagement area)	RPG	4 March, 22:57
	0.8km SSW	Recorded 1 explosion (impact) (assessed as inside disengagement area)	Mortar (type N/K)	4 March, 22:58
	1.6km S	Recorded 1 explosion (impact) (assessed as inside disengagement area)	N/K	4 March, 23:00
	1.0km	Recorded 1 projectile from		4 March, 23:01

<sup>1</sup> 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.

	SSE	NE to SE (assessed as inside disengagement area)		
	1.1km S	Recorded 1 rocket-assisted projectile from SSE to NNW (assessed as inside disengagement area)		4 March, 23:03
	1.0km SSE	Recorded 1 projectile from NE to SE (assessed as inside disengagement area)		4 March, 23:34
	1.1km S	Recorded 6 projectiles from SE to NW (assessed as inside disengagement area)		4 March, 23:36
		Recorded 1 projectile from SE to NW (assessed as inside disengagement area)		4 March, 23:37
		Recorded 4 projectiles from SE to NW (assessed as inside disengagement area)		4 March, 23:40
	0.8km SSW	Recorded 1 rocket-assisted projectile from NW to SE (assessed as inside disengagement area)		
	1.8km SSE	Recorded 7 projectiles from NNE to SSW and subsequent 7 explosions (impacts) (assessed as inside disengagement area)	AGL (AGS-17)	4 March, 23:42
	0.8km SSW	Recorded 14 explosions (impacts) (assessed as inside the disengagement area)	N/K	4 March, 23:44
		Recorded 5 explosions (impacts) (assessed as inside disengagement area)		
		Recorded 3 explosions (impacts) (assessed as inside disengagement area)	Mortar (type N/K)	
	1.7km S	Recorded 1 projectile from N to S and subsequent explosion (impact) (assessed as inside disengagement area)	N/K	4 March, 23:47
		Recorded 2 shots (assessed as inside disengagement area)		
		Recorded 5 projectiles in flight N to S and subsequent explosions (impacts) (assessed as inside disengagement area)		

	0.8km SSW	Recorded 6 explosions (impacts) (assessed as inside disengagement area)		4 March, 23:51
	0.3km SW	Recorded 1 rocket-assisted projectile from S to N (assessed as inside disengagement area)		4 March, 23:52
	0.8km S	Recorded 25 explosions (impacts) (assessed as inside disengagement area)		
	1km S	Recorded 1 explosion (impact) (assessed as inside disengagement area)	Mortar (type N/K)	4 March, 23:58
SMM camera in Shyrokyne (20km E of Mariupol)	N/K NE	Recorded 1 undetermined explosion	N/K	6 March, 17:43
		Recorded 5 tracers from E to W		6 March, 17:49
		Recorded 17 tracers from E to W		6 March, 18:00
		Recorded 9 tracers from E to W		6 March, 18:02
		Recorded 1 tracers from E to W		6 March, 18:03
		Recorded 4 tracers from W to E		6 March, 18:04
		Recorded 25 tracers from E to W		6 March, 18:18
		Recorded 3 undetermined explosions		6 March, 18:20
		Recorded 6 tracers from E to W		6 March, 18:58
		Recorded 6 tracers from W to E		6 March, 19:14
		Recorded 9 tracers from E to W		6 March, 19:27
		Recorded 11 tracers from E to W		6 March, 19:28
		Recorded 15 tracers from W to E		6 March, 19:28
		Recorded 7 tracers from W to E		6 March, 19:28
		Recorded 2 undetermined explosions		6 March, 19:28
		Recorded 8 tracers from W to E		6 March, 19:28
Recorded 1 undetermined explosion	6 March, 19:28			
Recorded 20 tracers from W to E	6 March, 20:10			

		Recorded 18 tracers from W to E		6 March, 21:46
		Recorded 1 undetermined explosion		6 March, 21:48
		Recorded 1 undetermined explosion		6 March, 21:53
		Recorded 26 tracers from E to W		6 March, 21:55
		Recorded 9 undetermined explosions		6 March, 21:59
		Recorded 11 tracers from W to E		7 March, 00:30
		Recorded 9 undetermined explosions		7 March, 00:31
		Recorded 1 undetermined explosion		7 March, 01:18
		Recorded 3 tracers from W to E		7 March, 01:19
		Recorded 2 tracers from S to N		7 March, 01:20
	N/K NNE	Recorded 5 tracers from SE to NW		7 March, 01:21
		Recorded 2 tracers from S to N		7 March, 02:09
		Recorded 3 tracers from S to N		7 March, 02:10
		Recorded 1 tracer from S to N		7 March, 02:11
		Recorded 5 tracers from S to N		7 March, 02:12
		Recorded 22 tracers from S to N		7 March, 02:14
		Recorded 4 tracers from S to N		7 March, 02:17
		Recorded 19 tracers from S to N		7 March, 02:18
		Recorded 2 tracers from S to N		7 March, 02:29
		Recorded 1 rocket-assisted projectile from E to W		7 March, 18:01
		Recorded 15 rocket-assisted		7 March, 18:02

		projectiles from W to E		
		Recorded 1 explosion (impact)		
		Recorded 5 explosions (impacts)		
		Recorded 1 rocket-assisted projectile from E to W		7 March, 18:07
		Recorded 1 rocket-assisted projectile from E to W		7 March, 18:16
		Recorded 1 explosion (impact)		7 March, 18:25
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	15-20km SSW	Heard 105 undetermined explosions	N/K	6 March, 18:30-20:00
	8-10km W	Heard 26 undetermined explosions		7 March, 00:45-01:05
	5-7km SW	Heard 3 undetermined explosions	N/K	7 March, 13:00
		Heard 2 bursts	HMG	
	8-10km SW	Heard 27 bursts	N/K	7 March, 18:05-18:30
		Heard 54 undetermined explosions		
		Heard 22 bursts	Small arms	
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Heard 10 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	6 March, 18:30-19:30
		Heard 5 explosions (impacts)	Mortar (82mm)	
		Heard at least 100 bursts	HMG	
		Heard 25 shots	Anti-aircraft cannon (ZU-23, 23mm)	6 March, 19:30-20:00
		Heard 35 bursts	HMG	
	3-5km SE	Heard 6 explosions (impacts)	Mortar (82mm)	6 March, 20:00-20:30
		Heard 15 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	
		Heard 15 bursts	HMG	6 March, 20:30-21:00
		Heard 10 explosions (impacts)	Mortar (82mm)	
		Heard 15 explosions (outgoing)	IFV (BMP-1) cannon	
	4-6km W	Heard 20 explosions (outgoing)	Mortar (82mm)	6 March, 21:00-21:30
		Heard 12 explosions (impacts)		
	4-6km W	Heard 12 explosions (impacts)	Mortar (120mm)	
	4-6km W	Heard 5 bursts	HMG	
	3-4km SE	Heard 5 bursts		
3-5km SE	Heard 10 explosions	Mortar (120mm)		

		(impacts)		6 March, 21:30-22:00
		Heard 5 explosions (outgoing)	IFV (BMP-1) cannon	
		Heard 20 explosions (impacts)	Mortar (120mm)	
		Heard 2 bursts	HMG	
		Heard 5 explosions (outgoing)	IFV (BMP-1) cannon	
	5-6km SE	Heard 6 undetermined explosions	N/K	7 March, 14:30-15:00
	3-5km SE	Heard 15 bursts	HMG	7 March, 17:15-17:45
		Heard 2 undetermined explosions	N/K	
		Heard 20 bursts	HMG	7 March, 17:45-18:30
		Heard 15 bursts	Anti-aircraft cannon (ZU-23, 23mm)	
		Heard 5 explosions (outgoing)	IFV (BMP-1) cannon	
		Heard 4 explosions (impacts)	Mortar (82mm)	
		Heard 3 explosions (impacts)	Recoilless gun (SPG-9, 73mm)	
	“DPR”- controlled Donetsk city centre	10-15km NNW	Heard 2 undetermined explosions	N/K
Heard 4 undetermined explosions			6 March, 20:53	
Heard 3 undetermined explosions			6 March, 20:55	
Heard 5 undetermined explosions			6 March, 21:03	
Heard 12 undetermined explosions			6 March, 21:26	
Heard 7 undetermined explosions			6 March, 21:28	
Heard 9 undetermined explosions			6 March, 21:30	
Heard 4 undetermined explosions			6 March, 21:33	
Heard 9 undetermined explosions			6 March, 21:40	
Heard 3 undetermined explosions			6 March, 21:42	
Heard 9 undetermined explosions			6 March, 22:37	
Heard 2 undetermined explosions			6 March, 22:42	
Heard 2 undetermined explosions			6 March, 22:51	

		Heard 2 undetermined explosions		6 March, 22:54
		Heard 1 undetermined explosion		6 March, 22:58
		Heard 9 undetermined explosions		6 March, 23:03-23:05
		Heard 1 undetermined explosion		6 March, 23:42
		Heard 1 undetermined explosion		6 March, 23:52
Mariupol (government - controlled, 120km S of Donetsk)	N/K ENE	Heard 11 undetermined explosions	N/K	7 March, 08:05-08:17
Avdiivka (government-controlled, 17km N of Donetsk)	4km S	Heard 1 undetermined explosion	N/K	7 March, 09:08
		Heard 1 undetermined explosion		7 March, 09:13
		Heard 1 undetermined explosion		7 March, 09:20
	3-4km S	Heard 1 undetermined explosion		7 March, 09:53
	2-3km S	Heard 4 shots	Small arms	7 March, 10:36
	1-2km S	Heard 1 undetermined explosion	N/K	7 March, 10:42
	2-3km S	Heard 2 undetermined explosions		7 March, 11:58
	3-6km SW	Heard 30 undetermined explosions		7 March, 12:23
	2-3km S	Heard 4 undetermined explosions		7 March, 14:05
2.6km NW of Lebedynske (government-controlled, 16km NE of Mariupol)	4km ENE	Heard 6 undetermined explosions	N/K	7 March, 09:16-09:19
	N/K E	Heard 2 undetermined explosions		7 March, 14:25-14:30
	N/K NNW	Heard 15 undetermined explosions		
Talakivka (government-controlled, 17km NE of Mariupol)	N/K SSW	Heard 5 undetermined explosions	N/K	7 March, 09:42-09:56
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2-3km WSW	Heard 1 explosion (impact)	N/K	7 March, 09:53
	3-5km WSW	Heard 3 undetermined explosions		7 March, 10:18-10:20
	2-3km WSW	Heard 1 undetermined explosion		7 March, 10:41

	3-5km WSW	Heard 1 undetermined explosion		7 March, 11:11	
	4km N	Heard 2 shots	Small arms	7 March, 11:50	
	7km W	Heard 2 undetermined explosions	N/K	7 March, 11:58	
		Heard 1 undetermined explosion		7 March, 12:00	
	3-5km WSW	Heard 11 undetermined explosions		7 March, 12:23-12:38	
	5-7km WSW	Heard 1 undetermined explosion		7 March, 12:33	
	3-5km NW	Heard 1 undetermined explosion		7 March, 12:56	
	6-8km WSW	Heard 4 undetermined explosions		7 March, 12:58	
	3-5km NW	Heard 2 shots		HMG	7 March, 13:00
	2-3km NNW	Heard 4 shots			7 March, 13:32
	7km W	Heard 17 undetermined explosions	N/K	7 March, 14:05-14:12	
	3-5km NNW	Heard 1 undetermined explosion		7 March, 14:19	
	2-3km NW	Heard 4 undetermined explosions		7 March, 14:23	
	2-5km SW	Heard 2 undetermined explosions		7 March, 14:39-14:40	
	2-4km N	Heard 16 shots		Small arms	7 March, 14:47
2.3km NNE of Hnutove (government-controlled, 16km NE of Mariupol)	4-6km ESE	Heard 1 undetermined explosion	N/K	7 March, 09:57-10:01	
	4-5km SE	Heard 2 bursts	HMG		
Kamianka (government-controlled, 20km N of Donetsk)	2-3km SE	Heard 4 bursts	HMG	7 March, 10:07	
		Heard 2 bursts	Small arms		
2.5km WNW of Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	2-5km SSW	Heard 4 undetermined explosions	N/K	7 March, 10:16	
	3-5km SSW	Heard 1 undetermined explosion		7 March, 10:23	
		Heard 1 undetermined explosion		7 March, 10:35	
	2-4km SW	Heard 1 undetermined explosion		7 March, 10:41	
	2-3km WNW	Heard 1 burst	HMG	7 March, 10:57	



	2-4km W	Heard 1 burst	Small arms	7 March, 11:04
	2-3km W	Heard 1 undetermined explosion	N/K	7 March, 11:08
	2-4km WNW	Heard 1 burst	HMG	7 March, 11:36
	2-3km SW	Heard 6 shots	Small arms	7 March, 11:57
		Heard 2 undetermined explosions	N/K	7 March, 11:58
	3-4km SW	Heard 1 undetermined explosion		7 March, 12:00
0.8-1km NNW	Heard 1 undetermined explosion	7 March, 12:56		
4km WNW of Bezimenne ("DPR"-controlled, 30km E of Mariupol)	6-7km NNW	Heard 20 explosions (outgoing)	N/K	7 March, 11:10-11:47
	2-3km WSW	Heard 20 explosions (subsequent impacts)		
	2-3km E	Heard 4 explosions (outgoing)		
	5-6km WSW	Heard 4 explosions (subsequent impacts)		
	3-4km WSW	Heard 30 bursts		
	N/K W	Heard 2 undetermined explosions		
	N/K WNW	Heard 2 undetermined explosions		
N/K WNW	Heard uncountable, overlapping bursts	HMG		
1.5km SSW of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K E	Heard 3 undetermined explosions	N/K	7 March, 12:10
2.3km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NNE	Heard 5 undetermined explosions	N/K	7 March, 12:40-12:45
	N/K NE	Heard 1 undetermined explosion		7 March, 13:07
1km NNE of Zaichenko ("DPR"-controlled, 26km NE of Mariupol)	6-10km NNW	Heard 10 undetermined explosions	N/K	7 March, 13:12-13:29
	N/K WSW	Heard uncountable, overlapping bursts and shots	HMG and small arms	
Dokuchaievsk ("DPR"-controlled,	4-5km W	Heard 5 undetermined explosions	N/K	7 March, 13:15-13:18

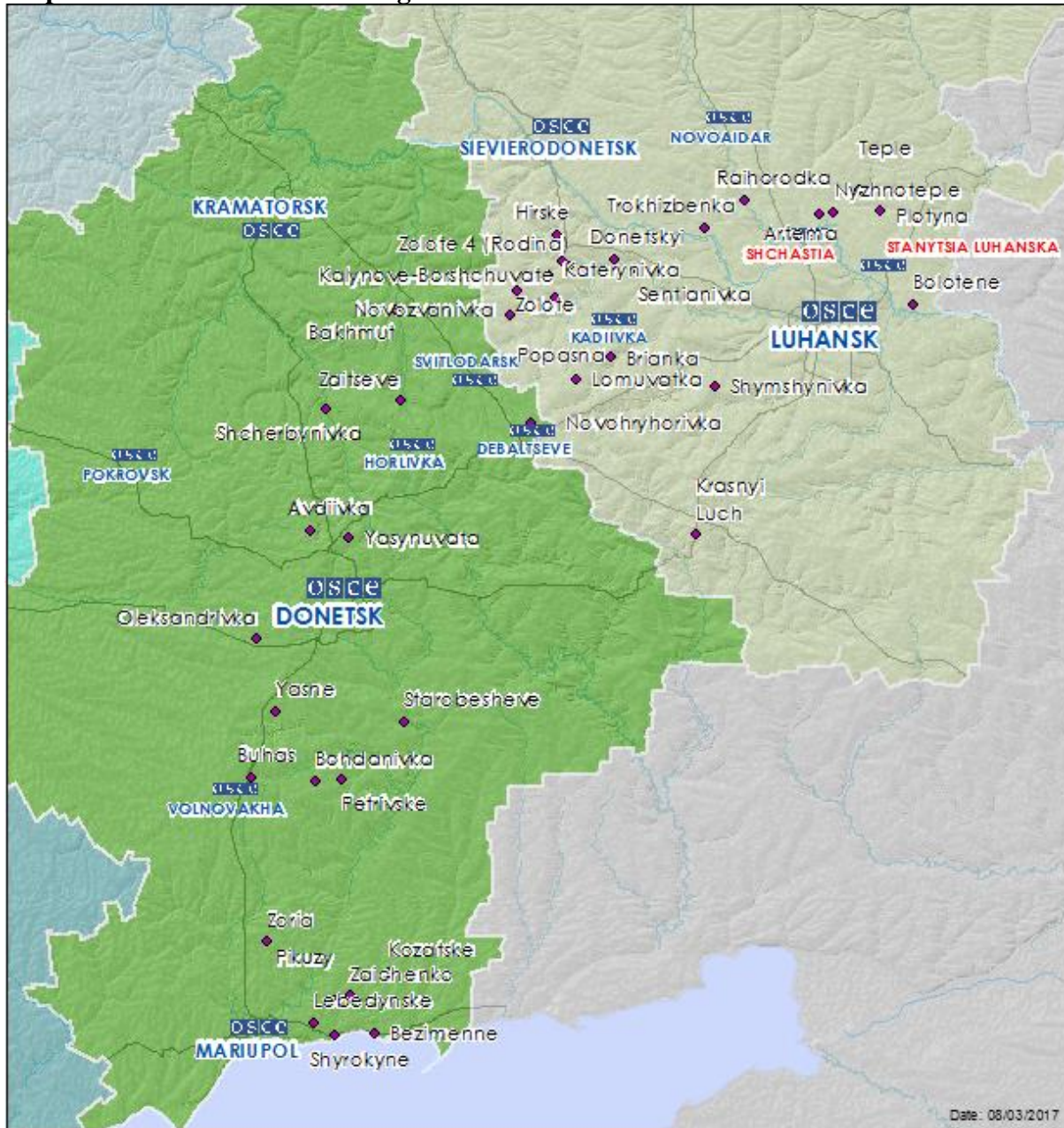
30km SW of Donetsk)				
Donetsk central railway station (“DPR”-controlled, 6km NW of Donetsk city centre)	3-6km NE	Heard 1 undetermined explosion	N/K	7 March, 13:25
		Heard 1 burst	HMG	7 March, 13:28-13:30
		Heard 2 bursts	Small arms	
		Heard 4 shots	IFV (BMP-2) cannon (30mm)	7 March, 13:34
	2-6km NW	Heard 7 explosions (outgoing)	Mortar (82mm )	7 March, 13:35
		Heard 7 explosions (subsequent impacts)		
	2-6km NNE	Heard 8 shots	IFV (BMP-2) cannon	7 March, 13:48
		Heard 4 shots	Small arms	7 March, 13:59
	3-6km NNE	Heard 4 undetermined explosions	N/K	7 March, 14:02
		Heard 6 undetermined explosions		7 March, 14:06-14:08
		Heard 20 shots	Small arms	7 March, 14:10
		Heard 1 undetermined explosion	N/K	7 March, 14:12
		Heard 8 bursts	Small arms	
		Heard 2 undetermined explosions	N/K	7 March, 14:14
		Heard 1 explosion (impact)		
		Heard 2 undetermined explosions		7 March, 14:15
	Heard 8 undetermined explosions	7 March, 14:17-14:24		
Shevchenko (“DPR”-controlled, 38km NE of Mariupol)	N/K W	Heard 9 undetermined explosions	N/K	7 March, 13:28-13:29
Yasne (“DPR”-controlled, 30km SW of Donetsk )	2-4km NNW	Heard 28 undetermined explosions	N/K	7 March, 13:30
Pikuzy (formerly Kominternove, “DPR”-controlled, 23km NE of Mariupol)	1-2km N	Heard at least 50 bursts	Small arms	7 March, 14:00-14:47
	300m SSE	Heard 10 bursts		
	2-4km SSE	Heard 4 undetermined explosions	N/K	
	3-5km NNW	Heard 25 undetermined explosions		
1-2km N	Heard and saw 1 explosion (impact)	120mm mortar		
Verkhnoшыrokivske (formerly	N/K ESE	Heard 2 undetermined explosions	N/K	7 March, 14:02-14:07

Oktiabr, “DPR”-controlled, 29km NE of Mariupol)		Heard 30 shots	Small arms	
Novohryhorivka (“DPR”-controlled, 61km NE of Donetsk)	5-7km NW	Heard 120 undetermined explosions	N/K	7 March, 14:15-14:50
	7-9km N	Heard 90 undetermined explosions		
	4-5km NW	Heard uncountable, overlapping shots	Small arms	
2.9km NW of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K ENE	Heard 2 undetermined explosions	N/K	7 March, 14:02-14:07
	N/K ESE	Heard 30 bursts	Small arms	
Kulykove (“DPR”-controlled, 30km NE of Mariupol)	N/K W	Heard 2 undetermined explosions	N/K	7 March, 14:08-14:10
		Heard uncountable, overlapping bursts and shots	HMG	
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6 km SE	Recorded 2 undetermined explosions	N/K	7 March, 17:06
		Recorded 1 undetermined explosion		7 March, 17:14
		Recorded 1 undetermined explosion		7 March, 17:16
		Recorded 4 undetermined explosions		7 March, 17:27
		Recorded 3 undetermined explosions		7 March, 17:28
		Recorded 2 undetermined explosions		7 March, 17:29
		Recorded 1 undetermined explosion		7 March, 17:30
		Recorded 1 undetermined explosion		7 March, 17:42
		Recorded 2 undetermined explosions		7 March, 17:43
		Recorded 3 undetermined explosions		7 March, 17:44
		Recorded 2 undetermined explosions		7 March, 17:45
		Recorded 2 undetermined explosions		7 March, 17:53
		Recorded 1 undetermined explosion		7 March, 17:54
Kadiivka	20km	Heard 64 undetermined	Artillery (type	6 March, 16:30-

(formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	WNW	explosions	N/K)	19:40
	10km WNW	Heard 100 bursts	IFV (BMP-2) cannon	
	10km WNW	Heard 5 undetermined explosions	Artillery (type N/K)	6 March, 17:45
	N/K	Heard 35 undetermined explosions	N/K	6 March, 20:10-20:40
	10-15km W	Heard 10 undetermined explosions		
		Heard 10 undetermined explosions		6 March, 22:53-23:01
		Heard 15 bursts	HMG	
	Heard 13 undetermined explosions	N/K		7 March, 16:19
Trokhizbenka (government-controlled, 32km NW of Luhansk)	3km SW	Heard over 100 undetermined explosions	IFV (BMP-1) cannon, recoilless gun (SPG-9)	7 March, 09:25-09:38
		Heard 1 undetermined explosion	Mortar (120mm)	7 March, 09:35
Kalynove-Borshchuvate ("LPR"-controlled, 61km W of Luhansk)	5-10km WSW	Heard 3 shots	Small arms	7 March, 09:53
	4km S	Heard 15 undetermined explosions	N/K	7 March, 12:35
Heard 10 shots		HMG		
1.6km E of Popasna (government-controlled, 69km W of Luhansk)	2-3km S	Heard 3 bursts	HMG	7 March, 10:00-10:05
S of Stanytsia Luhanska bridge (16km NE of Luhansk)	500m NE	Heard 1 explosion (impact) (assessed as inside disengagement area)	N/K	7 March, 10:11
Novozvanivka (government-controlled, 70km W of Luhansk)	7km SE	Heard 1 undetermined explosion	N/K	7 March, 11:55
400m N of Stanytsia Luhanska disengagement area (16km NE of Luhansk)	N/K NE	Heard 1 shot (assessed as outside disengagement area)	Small arms	7 March, 11:59
Katerynivka (government-	2-3km SE	Heard 1 shot (assessed as outside disengagement area)	AGL	7 March, 12:01

controlled, 64km W of Luhansk)				
Novozvanivka (government- controlled, 70km W of Luhansk)	7km SE	Heard 1 undetermined explosion	N/K	7 March, 12:03
Zolote- Pervomaisk disengagement area (58km W of Luhansk)	5km W	Heard 7 explosions (outgoing) (assessed as outside disengagement area)	N/K	7 March, 12:10- 12:19
		Heard 2 explosions (impacts) (assessed as outside disengagement area)		
		Heard 2 bursts (assessed as outside disengagement area)	HMG	
Zolote-4 (government- controlled, 60km NW of Luhansk)	3km SW	Heard 3 undetermined explosions (assessed as outside disengagement area)	Mortar (82mm)	7 March, 12:00- 12:35
	3km SE	Heard 3 undetermined explosions (assessed as outside disengagement area)	N/K	7 March, 13:50- 13:52

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



<sup>2</sup> 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 bases from which SMM staff has temporarily relocated since 27 September based on recommendations of security experts from participating States.)