

**Table of ceasefire violations as of 20 March 2017<sup>1</sup>**

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Shyrokyne (20km E of Mariupol)	N/K N	Recorded 1 undetermined explosion	N/K	19 March, 18:44
		Recorded 7 undetermined explosions		19 March, 18:52-18:53
		Recorded 1 illumination Flare in vertical flight		19 March, 18:57
		Recorded 2 undetermined explosions		19 March, 18:58-18:59
		Recorded 2 undetermined explosions		19 March, 19:00
		Recorded 1 undetermined explosion		19 March, 19:01
		Recorded 6 tracer rounds from E to W		
		Recorded 2 undetermined explosions		19 March, 19:02-19:07
		Recorded 3 rocket-assisted projectiles from W to E		
		Recorded 9 undetermined explosions		19 March, 19:14-19:35
		Recorded 1 rocket-assisted projectile from E to W		19 March, 19:36-19:38
		1 rocket-assisted projectile from E to W		
		Recorded 1 undetermined explosion		19 March, 19:41
		Recorded 1 tracer round from SW to NE		
		Recorded 1 rocket-assisted projectile from E to W		19 March, 19:43
		Recorded 7 undetermined explosions		19 March, 20:00-20:01
		Recorded 1 tracer round from W to E		19 March, 20:27
		Recorded 1 undetermined explosion		19 March, 21:01
		Recorded 1 undetermined explosion		19 March, 21:50
	Recorded 1 undetermined explosion	20 March, 04:34		
6-9km N	Recorded 7 explosions (impacts)	Artillery (type N/K)	20 March, 18:15-18:23	
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km SE	Heard 6 undetermined explosions	N/K	19 March, 23:41-23:55
		Heard 5 undetermined explosions		20 March, 05:40-05:45
Oleksandrivka (“DPR”-controlled, 20km SW of Donetsk)	3-6km NW	Heard 2 undetermined explosions	N/K	20 March, 09:02
		Heard 1 undetermined explosion		20 March, 09:23
	2-4km WNW	Heard 2 shots	HMG	20 March, 10:03
Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	3-5km WSW	Heard 5 bursts	Small arms	20 March, 09:31
		Heard 5 shots		20 March, 09:33
	3-5km E	Heard 1 undetermined explosions	N/K	20 March, 11:46
	3-5km NNW	Heard 2 undetermined explosions	N/K	20 March, 11:46
	3-5km W	Heard 6 bursts	Small arms	20 March, 13:14
Heard 2 undetermined explosions		N/K	20 March, 13:14	
3-5km NNW	Heard 2 undetermined explosions		20 March, 13:22	
2 Km SE of Lebedynske (government-controlled, 16 Km NE of Mariupol)	N/K N -	Heard uncountable overlapping explosions (outgoing)	N/K	20 March, 09:50-10:30
	N/K NE	Heard uncountable overlapping explosions (impacts)		
		Heard uncountable overlapping bursts	Anti-aircraft cannon (type N/K)	
		Heard uncountable overlapping	HMG	

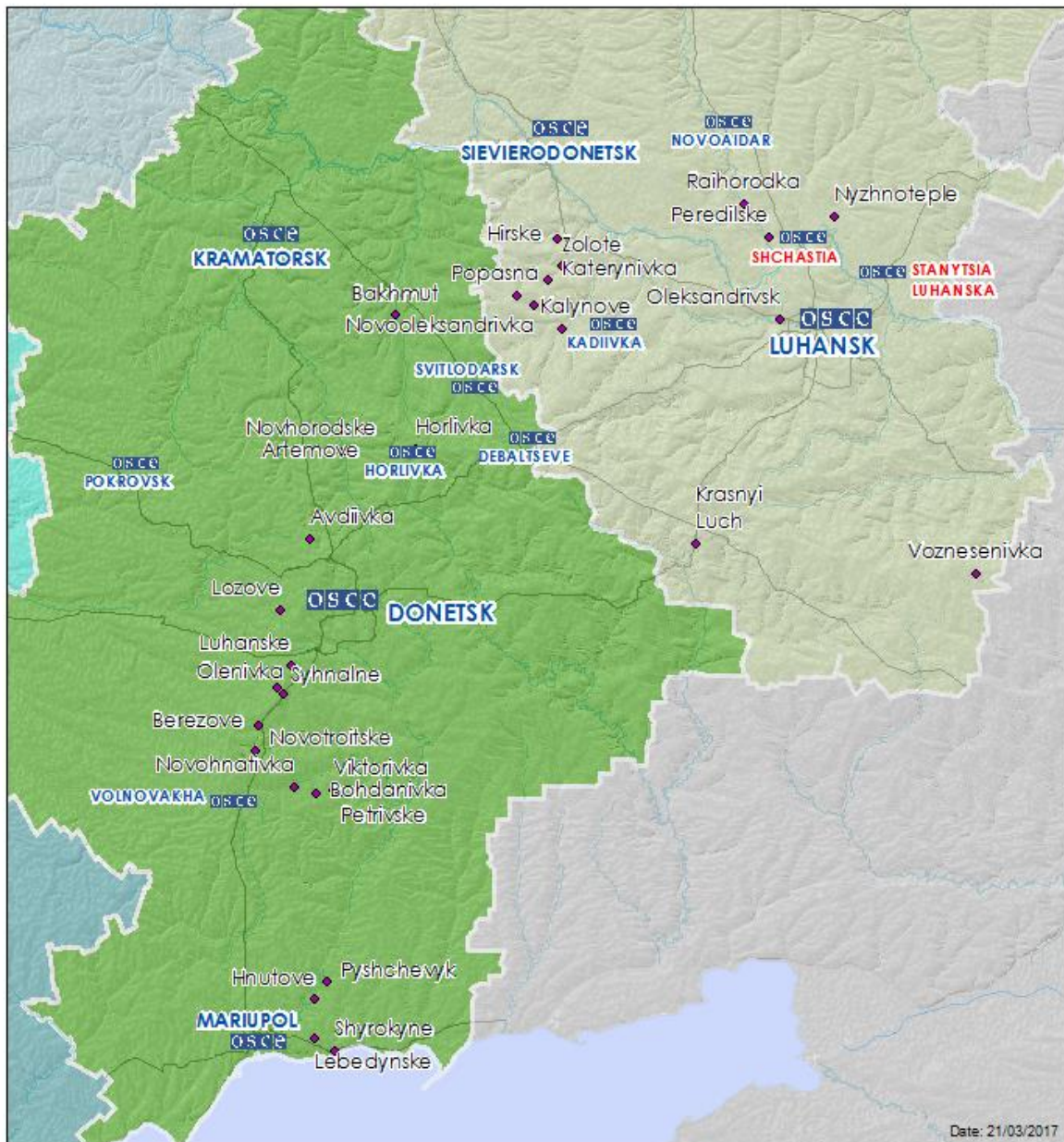
<sup>1</sup> The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors 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.

	bursts		
	Heard uncountable overlapping bursts	Small arms	
N/K N	Heard 2 salvos (number of fired rockets could not be assessed)	MLRS (type N/K)	20 March, 10:15-10:30
N/K NNE	Heard subsequent uncountable overlapping explosions (impacts)		
N/K NE	Heard undetermined uncountable overlapping explosions	N/K	20 March, 10:30-11:00
	Heard uncountable overlapping bursts	Small arms	
N/K NNW	Heard at least 25 explosions (outgoing)	Artillery (N/K type)	20 March, 11:00-11:30
N/K NE	Heard at least 25 subsequent explosions (impacts)		
N/K NE	Heard at least 25 explosions (outgoing)		
N/K N	Heard at least 25 subsequent explosions (impacts)		
N/K NE	Heard 4 explosions (outgoing)		
4km SE	Heard 4 subsequent explosions (impacts)		
N/K NNE	Heard uncountable overlapping bursts		
N/K NNW	Heard at least 25 explosions (outgoing)	N/K	20 March, 11:30-12:00
N/K NE	Heard at least 25 subsequent explosions (impacts)		
N/K NE	Heard at least 25 explosions (outgoing)		
N/K N	Heard at least 25 subsequent explosions (impacts)		
N/K NNE	Heard uncountable overlapping bursts	Small arms	20 March, 12:00-12:30
6km NNW	Heard 70 explosions (outgoing)	N/K	
N/K NNE	Heard 65 subsequent explosions (impacts)		
		Heard and saw 5 explosions (air burst)	Small arms
4-6km NNE	Heard and saw 20 explosions (impacts)	MLRS (type N/K)	20 March, 12:16
	Heard and saw 40 explosions (impact)		20 March, 12:40
N/K NNW	Heard 40 explosions (outgoing)	Artillery (type N/K)	20 March, 12:40-13:00
N/K E	Heard 40 subsequent explosions (impacts)		
N/K N	Heard 40 explosions (outgoing)	Mortars (type N/K)	
N/K NE	Heard 40 subsequent explosions (impacts)		
N/K E	Heard 40 explosions (outgoing)	Artillery (type N/K)	
N/K NNW	Heard 40 subsequent explosions (impacts)		
N/K NE	Heard 40 explosions (outgoing)	Mortars (type N/K)	
N/K N	Heard 40 subsequent explosions (impacts)		
N/K WNW	Heard 4 explosions (outgoing)	Artillery (type N/K)	20 March, 13:00-13:30
N/K NNW	Heard 20 explosions (outgoing)		
N/K NNE	Heard 20 subsequent explosions (impacts)		
N/K NE	Heard 20 explosions (outgoing)	Mortars (type N/K)	
N/K N	Heard 20 subsequent explosions (impacts)		
3-5km NE	Heard 10 bursts	Small arms	
N/K NNW	Heard 23 explosions (outgoing)	Artillery (type N/K)	20 March, 13:30-14:00
N/K NNE	Heard 23 subsequent explosions		

		(impacts)		
	N/K NE	Heard 23 explosions (outgoing)	Mortars (type N/K)	20 March, 14:00-14:15
	N/K N	Heard 23 subsequent explosions (impacts)		
	N/K NNW	Heard 12 explosions (outgoing)	Artillery (type N/K)	
	N/K NNE	Heard 12 subsequent explosions (impacts)		
	N/K NE	Heard 6 undetermined explosions	N/K	
2km NW of Staropetrivske ("DPR"-controlled, 35km NE of Donetsk)	800m N	Heard 13 undetermined explosions	Recoilless gun (SPG-9, cannon 73mm) or rocket propelled grenade (RPG-7)	20 March, 09:54-10:07
Luhanske (government-controlled, 59km NE of Donetsk)	4-6km SE	Heard 1 undetermined explosion	N/K	20 March, 09:54
		Heard 1 undetermined explosion		20 March, 09:56
2km SE	Heard 1 undetermined explosion	20 March, 10:02		
	Heard 2 undetermined explosions	20 March, 10:43		
Bohdanivka(government controlled, 41km S of Donetsk)	N/K S (outside the disengagement area)	Heard 3 undetermined explosions	N/K	20 March, 10:45-10:47
		Heard 14 undetermined explosions		20 March, 10:55-11:05
		Heard 3 undetermined explosions		20 March, 11:59-12:01
		Heard 32 undetermined explosions		20 March, 13:39-13:55
		Heard 4 undetermined explosions		20 March, 14:02-14:07
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6km ESE	Recorded 1 undetermined explosion	N/K	20 March, 10:48
1 Km N of Pyshchevyk (25km NE of Mariupol)	4-5km SE	Heard 11 undetermined explosions	N/K	20 March, 10:47-10:49
	N/K SE	Heard 14 undetermined explosions		20 March, 11:09-11:50
	3-5km SW	Heard 42 undetermined explosions		20 March, 11:17-11:58
	3-5km SW	Heard 30 undetermined explosions		20 March, 12:07-12:43
	N/K E	Heard 30 explosions (outgoing)	MLRS(N/K type)	20 March, 12:15
	3-5km SW	Heard 11 explosions (outgoing)	N/K	20 March, 12:53-13:05
	N/K SE	Heard 2 undetermined explosions		20 March, 14:35
3km NNE of Hnutove (government- controlled, 20 km NE of Mariupol)	2.5 Km WSW	Heard and saw 29 explosions (outgoing)	Artillery (122mm)	20 March, 11:27-11:50
	N/K SE	Heard 29 explosions (impacts)		
		Heard and saw 23 explosions (outgoing)		
	N/K NE	Heard 23 explosions (impacts)	MLRS (type N/K)	20 March, 11:53-12:20
		Heard and saw 15 explosions (outgoing)		
	N/K SE	Heard 15 subsequent explosions (impact)	Artillery (N/K)	
	N/K SSE	Heard 3 explosions (outgoing)		
		Heard 3 subsequent explosions (impacts)		
	2.5km WSW	Heard and saw 18 explosions (outgoing)	Artillery (122mm)	20 March, 12:22-12:45
	N/K SE	Heard 14 subsequent explosions (impacts)		
	5-6km SE	Heard 1 undetermined explosion	N/K	
N/K ENE	Heard 40 explosions (outgoing)	MLRS (type N/K)		
N/K SSE	Heard 40 subsequent explosions (impacts)			
Novohnativka (government controlled, 40km S of Donetsk)	N/K SE	Heard 7 explosions (outgoing)	N/K	20 March, 13:15-13:35
		Heard 50 undetermined explosions	N/K	
Novotroitske (government-controlled, 36 km SW of Donetsk)	N/K SE	Heard 20 undetermined explosions	MLRS (N/K)	20 March, 12:20-12:45
		Heard 15 undetermined explosions	N/K	20 March, 14:40-15:05
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	3km NW	Heard 3 shots	Small arms	20 March, 13:57

SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	1.1km S	Recorded 1 projectile in flight SSE to NNW(inside the disengagement area)	N/K	18 March, 20:16
		Recorded 1 projectile in flight SSE to NNW(inside the disengagement area )		18 March, 21:26
	0.4km SW	Recorded 1 rocket-assisted projectile in flight from S to N (inside the disengagement area )	ATGM (N/K)	18 March, 22:39
	0.9km S	Recorded 1 undetermined explosion(inside the disengagement area)	N/K	18 March, 22:46
		Recorded 1 undetermined explosion (inside the disengagement area)		18 March, 23:23
1.7km SSE	Recorded 1 undetermined explosion (inside the disengagement area)	18 March, 23:40		
	Recorded 1 undetermined explosion (inside the disengagement area)	18 March, 22:28		
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3+km E	Recorded 1 undetermined explosion(outside the disengagement area)		
Kalynove (“LPR”-controlled, 60km W of Luhansk)	2-4km SW	Heard 2 undetermined explosions		20 March, 10:50
	2km E	Heard 2 bursts	Small arms	20 March, 10:51
	2-4km SW	Heard 1 undetermined explosions	N/K	20 March, 10:54
3km NW of Shchastia (government-controlled, 20km N of Luhansk)	2-3km S	Heard 15 single shots and 10 bursts	HMG	20 March, 11:10 – 11:16
Kalynove-Borshchuvate (“LPR”-controlled, 61km W of Luhansk)	10+km NW	Heard 2 undetermined explosions	N/K	20 March, 11:55

## 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.)