

**Table of ceasefire violations as of 29 November 2017<sup>1</sup>**

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Petrivske (“DPR”-controlled, 41km S of Donetsk)	1-3km SW	Recorded 3 projectiles from SE to NW (assessed as inside disengagement area)	N/K	27 November, 20:34-20:35
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1.5km S	Recorded 1 projectile from W to E	N/K	28 November, 18:35
		Recorded 1 undetermined explosion		28 November, 21:49
		Recorded 1 tracer from E to W		28 November, 22:00
		Recorded 1 undetermined explosion		28 November, 22:09
		Recorded 2 undetermined explosions		28 November, 22:39
		Recorded 1 undetermined explosion		28 November, 22:41
		Recorded 1 undetermined explosion		28 November, 22:47
		Recorded 1 undetermined explosion		28 November, 22:49
		Recorded 1 undetermined explosion		29 November, 05:31
		Recorded 1 undetermined explosion		29 November, 06:02
		Recorded 1 undetermined explosion		29 November, 16:17
		Recorded 2 undetermined explosions		29 November, 16:22
		Recorded 1 projectile from W to E		29 November, 16:26
		Recorded 1 projectile from W to E		29 November, 16:27
		Recorded 1 undetermined explosion		29 November, 16:29
		Recorded 1 undetermined explosion		29 November, 16:30
		Recorded 1 projectile from W to E		29 November, 16:31
		Recorded 1 projectile from W to E		29 November, 16:32
		Recorded 1 undetermined explosion		29 November, 16:34
		Recorded 2 projectiles from N to S		29 November, 16:37
		Recorded 14 projectiles from E to W		29 November, 16:38
		Recorded 1 projectile from W to E		29 November, 16:41
		Recorded 2 undetermined explosions		29 November, 16:42
		Recorded 8 projectiles from E to W		29 November, 16:44
		Recorded 3 undetermined explosions		29 November, 16:45
		Recorded 10 projectiles from E to W		29 November, 16:46
		Recorded 1 undetermined explosion		29 November, 16:47
		Recorded 3 undetermined explosions		29 November, 16:48
		Recorded 1 undetermined explosion		29 November, 16:53
		Recorded 16 projectiles from E to W		29 November, 16:54
		Recorded 8 projectiles from E to W		29 November, 17:04
		Recorded 1 undetermined explosion		29 November, 17:13
Recorded 2 undetermined explosions	29 November, 18:21			
SMM camera in Shyrokyne (20km E of Mariupol)	5-8km N	Recorded 15 projectiles from E to W	N/K	28 November, 18:53
		Recorded 2 undetermined explosions		28 November, 21:59
		Recorded 1 tracer from E to W		28 November, 22:10
		Recorded 8 projectiles from W to E		28 November, 22:23
		Recorded 1 projectile from E to W		28 November, 22:35
		Recorded 1 projectile from E to W		28 November, 22:46
		Recorded 6 projectiles from E to W		28 November, 23:22
		Recorded 3 projectiles from E to W		28 November, 23:23

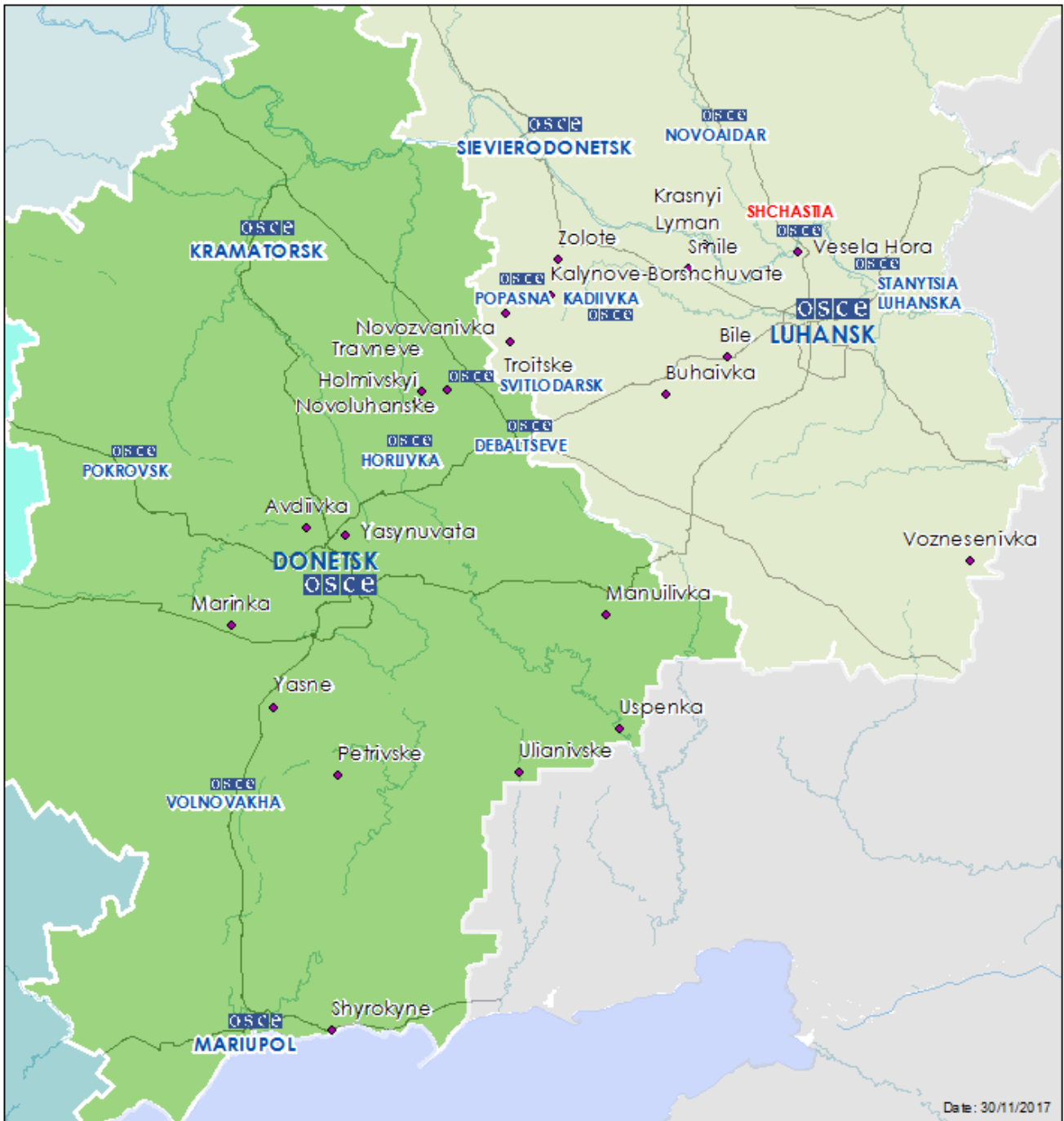
<sup>1</sup> The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors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

		Recorded 6 projectiles from W to E		
		Recorded 1 undetermined explosion		28 November, 23:24
		Recorded 3 projectiles from E to W		
		Recorded 6 projectiles from W to E		28 November, 23:29
		Recorded 1 undetermined explosion		
		Recorded 2 projectiles from W to E		28 November, 23:30
		Recorded 3 projectiles from E to W		
		Recorded 9 projectiles from E to W		
		Recorded 3 projectiles from W to E		28 November, 23:31
		Recorded 2 illumination flares in vertical flight		
		Recorded 1 undetermined explosion		28 November, 23:34
		Recorded 1 projectile from W to E		28 November, 23:37
		Recorded 3 tracers from W to E		28 November, 23:38
		Recorded 1 undetermined explosion		28 November, 23:40
		Recorded 3 projectiles from W to E		28 November, 23:42
		Recorded 1 undetermined explosion		28 November, 23:43
		Recorded 1 undetermined explosion		29 November, 00:01
		Recorded 5 undetermined explosions		29 November, 00:03
		Recorded 1 projectile from E to W		29 November, 00:12
		Recorded 5 projectiles from E to W		
		Recorded 1 projectile from W to E		29 November, 00:30
		Recorded 3 projectiles from E to W		29 November, 00:52
		Recorded 4 projectiles from W to E		29 November, 00:59
		Recorded 1 undetermined explosion		29 November, 01:29
		Recorded 3 projectiles from E to W		
		Recorded 3 undetermined explosions		29 November, 01:30
		Recorded 2 undetermined explosions		29 November, 01:34
		Recorded 7 projectiles from E to W		29 November, 01:52
		Recorded 7 projectiles from E to W		29 November, 02:30
		Recorded 13 projectiles from E to W		29 November, 03:41
		Recorded 5 projectiles from E to W		
		Recorded 1 projectile from W to E		29 November, 03:54
Recorded 2 projectiles from E to W	29 November, 03:55			
Recorded 11 projectiles from E to W	29 November, 04:27			
Recorded 5 projectiles from W to E	29 November, 05:03			
Recorded 3 projectiles from E to W				
Recorded 6 projectiles from W to E	29 November, 05:04			
Recorded 2 projectiles from E to W	29 November, 18:07			
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SE	Heard 12 shots	Small arms	28 November, 19:04-19:06
	3-5km SE	Heard 2 bursts	HMG	28 November, 19:15
		Heard 3 bursts		28 November, 19:24
	2-3km S	Heard 8 bursts	Small arms	28 November, 19:32
	5-6km E	Heard 4 bursts	HMG	28 November, 19:44
	3-4km SE	Heard 6 shots		28 November, 19:45
		Heard 3 bursts		28 November, 19:52
		Heard 3 shots	28 November, 20:08	
	5-6km SE	Heard 8 undetermined explosions	N/K	28 November, 20:22
	3-4km SE	Heard 5 shots	HMG	28 November, 20:24
	3-4km S	Heard 4 shots	Small arms	28 November, 20:42
	4-5km SE	Heard 4 undetermined explosions	N/K	28 November, 20:58
		Heard 3 shots	HMG	28 November, 21:20
	6-7km SE	Heard 1 undetermined explosion	N/K	28 November, 21:21
	3-4 km S	Heard 5 bursts	Small arms	28 November, 21:29
	3-4km S	Heard 3 shots		28 November, 21:32
	4-5 km SE	Heard 8 bursts	HMG	28 November, 21:34
	3-4km S	Heard 4 shots	Small arms	28 November, 21:40
		Heard 6 bursts		28 November, 21:45
		Heard 7 bursts		28 November, 21:48
Heard 3 shots		28 November, 21:49		
4-5 km SE	Heard 4 bursts	HMG	28 November, 21:55	

	3-4km S	Heard 3 shots		28 November, 21:57
		Heard 4 shots		28 November, 21:59
		Heard 8 shots	Small arms	28 November, 22:04
	3-5km SE	Heard 3 bursts	HMG	28 November, 22:45
	3-4km S	Heard 6 shots	Small arms	28 November, 22:53
	3-5km SE	Heard 3 shots	HMG	28 November, 22:55
	3-4km S	Heard 4 shots		28 November, 22:56
	3-4km SE	Heard 3 bursts	Small arms	29 November, 13:02
		Heard 4 bursts		29 November, 13:06
	4-5km SE	Heard 2 undetermined explosions	N/K	29 November, 13:31
	3-4km SE	Heard 3 bursts	HMG	29 November, 15:07-15:09
	3-5km SE	Heard 6 bursts	Small arms	29 November, 15:12
	7-8km E	Heard 1 undetermined explosion	N/K	29 November, 15:20
	3-4km SE	Heard 10 bursts	HMG	29 November, 15:23-15:24
	4-5km SE	Heard 2 undetermined explosions	N/K	29 November, 16:10
	3-4km SE	Heard 6 shots	HMG	29 November, 17:24
		Heard uncountable overlapping bursts and shots	HMG, small arms	29 November, 17:27-17:29
	2-3km S	Heard 9 bursts	Small arms	29 November, 17:30
	3-4km SE	Heard 2 shots		29 November, 17:35
	5-7km E	Heard 3 bursts		29 November, 17:36
	3-4km SE	Heard 4 bursts	HMG	29 November, 17:50
		Heard 9 bursts		29 November, 17:59
	6-7km E	Heard 4 bursts		29 November, 18:05
5-6km SW	Heard 5 undetermined explosions	N/K		
2-3km SE	Heard 23 shots	Small arms	29 November, 18:09-18:23	
Railway station in Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	1-2km NW	Heard 3 bursts	Small arms	29 November, 09:30
	2-3km SW	Heard 13 shots		29 November, 10:05-10:15
	1-2km SW	Heard 1 undetermined explosion	N/K	29 November, 10:25
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	1km NW	Heard 5 bursts	Small arms	29 November, 09:46
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Heard 2 undetermined explosions	N/K	29 November, 10:54-11:16
		Heard 3 bursts	HMG	
		Heard 1 undetermined explosion	N/K	
	4-5km E	Heard 1 undetermined explosion	N/K	
	2-3km SE	Heard 5 bursts	HMG	29 November, 11:25-11:34
		Heard 3 undetermined explosions	N/K	
		Heard 7 bursts	HMG	
	4-5km E	Heard 4 undetermined explosions	N/K	
		Heard 7 undetermined explosions		
	2-4km SE	Heard 27 bursts	HMG	29 November, 11:55-11:59
		Heard 4 bursts		
	4-5km E	Heard 2 undetermined explosions	N/K	29 November, 12:42
	1-2km SE	Heard 3 bursts	Small arms	29 November, 14:10-14:35
	2-3km SE	Heard 2 bursts	HMG	
	6-7km E	Heard 1 undetermined explosion	N/K	
2-3km SE	Heard 10 bursts	HMG		
3-4km SE	Heard 1 undetermined explosion	N/K		
2-3km ESE	Heard 1 undetermined explosion			
	Heard 7 undetermined explosions			
Entry-exit checkpoint near Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Heard 4 undetermined explosions	N/K	29 November, 15:50-15:54
SMM camera in Avdiivka (government-	4-6km SE	Recorded 1 projectile from N to S	N/K	29 November, 16:06
		Recorded 1 projectile from N to S		29 November, 16:15

controlled, 17km N of Donetsk)		Recorded 1 projectile from N to S		29 November, 16:16
		Recorded 1 projectile from N to S		29 November, 16:31
		Recorded 2 projectiles from N to S		29 November, 16:37
		Recorded 1 undetermined explosion		29 November, 17:00
N edge of Popasna (government-controlled, 69km W of Luhansk)	10-12km SE	Heard 21 undetermined explosions	N/K	28 November, 21:05-21:15
1km E of Kalynove-Borshchuvate ("LPR"-controlled, 61km W of Luhansk)	2-3km W	Heard 5 shots	IFV (BMP-2) cannon (30mm)	29 November, 12:50

## 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 base from which SMM staff has temporarily relocated since 27 September 2016 based on recommendations of security experts from participating States.)