Table of ceasefire violations as of 21 November 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
Switladards	event	Heard 3 bursts	HMG	
Svitlodarsk (government- controlled, 57km NE of Donetsk)		Heard 9 shots	Small arms	20 November 18:30
	2-4km SE	Heard 1 undetermined explosion	N/K	20 November, 18:30
		•	Small arms	20 Nassandari 19.24
	3-5km SE	Heard 11 shots		20 November, 18:34
	3-3KM SE	Heard 5 bursts	HMG	20 November, 18:39
	2-4km SE	Heard 1 undetermined explosion	N/K	20 November, 18:57
		Heard 3 undetermined explosions		20 November, 19:00
		Heard 6 bursts	HMG	20 November, 19:02
		Heard 5 bursts		20 November, 19:29
	1-2km SE	Heard 3 shots	Small arms	20 November, 19:41
	3-5km SE	Heard 4 bursts		20 November, 19:59
		Heard 4 shots	N/K	20 November, 20:20
	2-4km SE	Heard 4 undetermined explosions		-
		Heard 2 bursts	HMG	20 November, 20:21
	5-6km S	Heard 1 undetermined explosion	N/K	20 November, 20:26
		Heard 9 shots	Small arms	20 November, 20:32
	2-4km SE	Heard 3 bursts	HMG	20 November, 20.32
	2-4KIII SE	Heard 6 shots	Small arms	20 November, 20:33
		Heard 3 bursts	Small arms	20 November, 20:33
	3-5km SE	Heard 2 undetermined explosions	N/K	20 November, 20:41
		Heard 21 bursts	HMG	
		Heard 31 shots		20 November, 20:43-20:49
		Heard 27 bursts		, , , , , , , , , , , , , , , , , , , ,
	2-4km SE	Heard 4 bursts	Small arms	20 November, 20:54
		Heard 2 shots		20 November, 21:04
		Heard 5 shots		20 November, 21:08
		Heard 1 burst		20 November, 21:10
		Heard 6 shots		20 November, 21:30
		Heard 1 burst	HMG	20 November, 21:32
		Heard 2 undetermined explosions	N/K	20 November, 21.32
		Heard 5 bursts	IV/K	20 November, 21:34
		Heard 5 shots		
			_	
		Heard 13 bursts	Small arms	20 November, 21:36
		Heard 11 shots		20 November, 21:39
		Heard 2 bursts		20 November, 21:40
		Heard 21 shots		20 November, 21:42
		Heard 6 bursts	HMG	20 November, 21:43
		Heard 17 bursts	Small arms	-
		Heard 11 bursts	HMG	20 November, 21:46
		Heard 6 undetermined explosions	N/K	20 November, 21:47
		Heard 11 bursts	Small arms	20 November, 21:48
		Heard 13 bursts		20 November, 21:50
		Heard 3 shots		20 November, 21:53
		Heard 5 bursts		20 November, 21:55
		Heard 4 bursts		20 November, 22:23
		Heard 8 bursts	HMG	20 November, 22:26
		Heard 7 shots	Small arms	20 November, 22:28
		Heard 2 bursts	HMG	20 November, 22:29
		Heard 6 shots	Small arms	20 November, 22:31
		Heard 29 bursts	HMG	20 November, 22:37
		Heard 27 bursts	Small arms	20 November, 22:39
		Heard 14 shots		20 November, 22:40
	<u> </u>	110010 17 511015		20 110 veinoel, 22.40

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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.

		T	1	T
		Heard 4 bursts	HMG	20 November, 22:46
		Heard 4 bursts	TIMO	20 November, 22:54
		Heard 7 shots	G 11	20 November, 23:00
		Heard 14 shots	Small arms	20 November, 23:09
		Heard 1 undetermined explosion	N/K	20 November, 23:31
		•		20 November, 23:35
		Heard 3 bursts	HMG	
		Heard 5 shots	Small arms	20 November, 23:40
		Heard 11 shots	Sinan arms	20 November, 23:42
		Heard 6 explosions (outgoing)		
	2-4km SE	Heard 6 subsequent explosions	1	21 November, 11:30-11:35
		(impacts)		
		(mpacts)	†	21 November, 15:26
	8km SE	Heard 1 undetermined explosion		21 November, 13.20
	3-6km SE	Heard 3 undetermined explosions		21 November, 16:26
		Heard 1 undetermined explosion	N/K	21 November, 18:00
	2-4km SE	Heard 1 undetermined explosion	+	21 November, 18:03
			-	
	2-4km SSW	Heard 2 undetermined explosions		21 November, 18:05
		Heard 2 undetermined explosions		21 November, 18:11
		Heard 1 undetermined explosion		21 November, 18:16
	2-4km SE	Heard 1 undetermined explosion	1	21 November, 18:25
Zalizne (former	2 ikin oz	Treate 1 undetermined expression		21 110 1011001, 10.23
Artemove) (government-controlled, 42km NE of Donetsk)	2km NW	Heard 1 undetermined explosion	N/K	21 November, 13:10
Zaitseve (government- controlled, 50km NE of Donetsk)	5-7km S	Heard 25 explosions (impacts)	N/K	21 November, 13:05-13:20
Kodema		Heard 1 explosion (outgoing)		
(government-	5 71 C	II1.1	Mantan (tama N/IZ)	21 Manage 12.20
controlled, 57km NE of Donetsk)	5-7km S	Heard 1 subsequent explosion (impact)	Mortar (type N/K)	21 November, 13:30
		TT 16 1 ' (/ ' ')	N1/17	20.37 1 10.00
Horlivka ("DPR"-	3-4km SW	Heard 6 explosions (outgoing)	N/K	20 November, 19:00
controlled, 39km NE		Heard 10 explosions (outgoing)	Mortar (82mm)	20 November, 19:30
of Donetsk)		Heard 7 explosions (outgoing)	N/K	20 November, 20:00
	3-4km SSW	Heard 10 bursts	HMG	20 November, 21:10
		Heard 3 explosions (outgoing)	Mortar (82mm)	20 November, 21:15
	3-4km SW	Heard 10 shots	AGL	20 November, 21:28
	3 11111 5 11	Heard 5 shots	AGL	20 November, 21:34
	2 41 CCTV			
	3-4km SSW	Heard 4 burst	HMG	20 November, 21:38
SMM camera at		Recorded 2 projectiles from E to W		20 November, 18:46
Donetsk Filtration		Recorded 1 undetermined explosion		20 November, 18:47
Station (15km N of		Recorded 6 projectiles from E to W		20 November, 18:49
Donetsk)	0.5-1.5km S	Recorded 2 projectiles from E to W	1	20 November, 18:50
	1.5 1.5	Recorded 4 undetermined explosions	N/K	20 November, 20:56
			1	20 November, 20:57
		Recorded 1 undetermined explosion	-	
		Recorded 2 undetermined explosions	4	20 November, 21:14
		Recorded 7 projectiles from W to E		21 November, 18:26
SMM camera in	0.5-1km	Recorded 1 tracer from S to N		18 November, 18:07
Petrivske ("DPR"- controlled, 41km S	WOW	(assessed as inside the disengagement		
	WSW			
of Donetsk)		area)	_	1031 1 1010
	0.5-1km SSW	area) Recorded 2 tracers from W to E		18 November, 18:10
		area) Recorded 2 tracers from W to E (assessed as inside the disengagement		18 November, 18:10
	0.5-1km SSW	area) Recorded 2 tracers from W to E (assessed as inside the disengagement area)		
	0.5-1km SSW	area) Recorded 2 tracers from W to E (assessed as inside the disengagement area) Recorded 2 tracers from S to N		18 November, 18:10 18 November, 18:29
	0.5-1km SSW	area) Recorded 2 tracers from W to E (assessed as inside the disengagement area) Recorded 2 tracers from S to N (assessed as inside the disengagement	N/K	
	0.5-1km SSW 0.5-1km WSW	area) Recorded 2 tracers from W to E (assessed as inside the disengagement area) Recorded 2 tracers from S to N (assessed as inside the disengagement area)	N/K	18 November, 18:29
	0.5-1km SSW	area) Recorded 2 tracers from W to E (assessed as inside the disengagement area) Recorded 2 tracers from S to N (assessed as inside the disengagement	N/K	
	0.5-1km SSW 0.5-1km WSW	area) Recorded 2 tracers from W to E (assessed as inside the disengagement area) Recorded 2 tracers from S to N (assessed as inside the disengagement area)	N/K	18 November, 18:29
	0.5-1km SSW 0.5-1km WSW	area) Recorded 2 tracers from W to E (assessed as inside the disengagement area) Recorded 2 tracers from S to N (assessed as inside the disengagement area) Recorded 1 tracer from W to E	N/K	18 November, 18:29
	0.5-1km SSW 0.5-1km WSW	area) Recorded 2 tracers from W to E (assessed as inside the disengagement area) Recorded 2 tracers from S to N (assessed as inside the disengagement area) Recorded 1 tracer from W to E (assessed as inside the disengagement area)	N/K	18 November, 18:29 18 November, 18:35
	0.5-1km SSW 0.5-1km WSW 0.5-1km SSW	area) Recorded 2 tracers from W to E (assessed as inside the disengagement area) Recorded 2 tracers from S to N (assessed as inside the disengagement area) Recorded 1 tracer from W to E (assessed as inside the disengagement area) Recorded 5 tracers from S to N	N/K	18 November, 18:29
	0.5-1km SSW 0.5-1km WSW	area) Recorded 2 tracers from W to E (assessed as inside the disengagement area) Recorded 2 tracers from S to N (assessed as inside the disengagement area) Recorded 1 tracer from W to E (assessed as inside the disengagement area) Recorded 5 tracers from S to N (unable to assess whether inside or	N/K	18 November, 18:29 18 November, 18:35
	0.5-1km SSW 0.5-1km WSW 0.5-1km SSW	area) Recorded 2 tracers from W to E (assessed as inside the disengagement area) Recorded 2 tracers from S to N (assessed as inside the disengagement area) Recorded 1 tracer from W to E (assessed as inside the disengagement area) Recorded 5 tracers from S to N	N/K	18 November, 18:29 18 November, 18:35

	1	1	Ī	1
		(assessed as inside the disengagement area)		
		Recorded 1 tracer from E to W	=	19 November, 18:28
		(assessed as inside the disengagement		,
		area)		
	1-2km SW	Recorded 1 tracer from N to S		19 November, 18:33
		(assessed as inside the disengagement		
		area)		
	0.5-1km S	Recorded 35 tracers from W to E		19 November, 20:27-20:28
		(assessed as inside the disengagement		
Dailway station in	2-4km W	area) Heard 1 undetermined explosion		21 November, 08:50
Railway station in Yasynuvata ("DPR"-		Heard 2 undetermined explosions	N/K	21 November, 08.30 21 November, 10:13
controlled, 16km NE	2-3km NW	Heard 5 shots		21 November, 11:25
of Donetsk)		Heard 5 bursts	Small arms	-
,	2-3km N	Heard 1 burst	HMG	21 November, 12:04
	2-3km NW	Heard 1 undetermined explosion	N/K	21 November, 12:24
	2-3km N	Heard 3 bursts	C 11	j
	2.21 NIW	Heard 2 shots	Small arms	21 November, 13:27-13:30
	2-3km NW	Heard 1 undetermined explosion	N/K	
SW edge of	2-3km N	Heard 3 shots	- Small arms	21 November, 09:58
Yasynuvata ("DPR"-	Z-JKIII IV	Heard 15 bursts	Siliali alliis	21 November, 10:01
controlled, 16km NE	2-3km NW	Heard 1 undetermined explosion	N/K	21 November, 10:03
of Donetsk)			- "	
3.6km SW of Holmivskyi				
("DPR"-controlled,	2km ENE	Heard 1 undetermined explosion	N/K	21 November, 13:37
49km NE of	ZKIII EINE	Treate 1 undetermined explosion	11/12	21 100 veinber, 15.57
Donetsk)				
1km NNW of		Heard 1 undetermined explosion		21 November, 09:24
Pyshchevyk		Heard 1 undetermined explosion	1	21 November, 09:44
(government	N/K S	Heard 2 undetermined explosions	N/K	21 November, 10:10
controlled, 25km NE		Heard 2 undetermined explosions		21 November, 10:23
of Mariupol)				
2km SE of		Heard 1 undetermined explosion	N/K	_
Lebedynske (government-	N/K N	Heard 2 bursts		21 Navambar 11:27
controlled, 15km NE	IN/K IN		HMG	21 November, 11:37
of Mariupol)				
2.5km SSE of				
Lomakyne				
(government-	N/K E	Heard 1 undetermined explosion	N/K	21 November, 13:05
controlled, 15km NE				
of Mariupol)				
N edge of Popasna	5-6km SE	Heard 8 bursts	HMG	2031 1 10.55 10.00
(government- controlled, 69km W	7-8km S	Heard 9 shots	IFV (BMP-2) cannon	20 November, 18:55-19:00
of Luhansk)	5-6km SE	Heard 2 bursts	(30mm) HMG	20 November, 21:24
C. Dunanok)	6-7km SE	Heard 7 explosions (impacts)	AGL (30mm)	20 November, 21:24 20 November, 22:05
S edge of Krasnyi	V / KIII OL	Treate / expressions (impacts)	7.02 (3011111)	20 110 10111001, 22.03
Lyman ("LPR"-	51 NIXI	H = = 1.1.1 = = = (C = 1	IIMC	21 M 10 15
controlled, 30km	5km NW	Heard 1 burst (6 shots)	HMG	21 November, 10:15
NW of Luhansk)				
Stanytsia Luhanska		Heard 1 burst		
bridge (15km NE of	1km SW	(assessed as outside the	HMG	21 November, 09:57
Luhansk)		disengagement area)		, 0,,
SE edge of Vesela				
Hora ("LPR"-			Assessed as mine	
controlled, 16km N	1-2km NNW	Heard 1 explosion	(possibly anti-tank)	21 November, 12:55
of Luhansk)				
			•	•

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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.)

Date: 22/11/2017

OSIGE MARIUPOL