

Table of ceasefire violations as of 10 December 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
Horlivka (“DPR”-controlled, 39km NE of Donetsk)	4-5km WSW	Heard 7 bursts	HMG	8 December, 19:50
		Heard 1 undetermined explosion	N/K	8 December, 20:02
		Heard 20 bursts	HMG	8 December, 20:52
	5-7km NE	Heard 1 undetermined explosion	N/K	8 December, 21:20
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1.5 km S	Recorded 1 projectile from E to W	N/K	8 December, 18:35
		Recorded 1 projectile from E to W		8 December, 18:51
		Recorded 1 undetermined explosion		8 December, 18:58
		Recorded 1 undetermined explosion		8 December, 20:51
		Recorded 1 projectile from E to W		9 December, 04:20
		Recorded 1 undetermined explosion		9 December, 05:43
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	N/K	Recorded 1 undetermined explosion	N/K	9 December, 04:53
Railway station in Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	3-5km WSW	Heard 1 undetermined explosion	N/K	9 December, 09:03
		Heard 3 bursts	HMG	
	2-4km WSW	Heard uncountable overlapping bursts and shots	Small arms	9 December, 09:05-09:06
	3-5km WSW	Heard 1 undetermined explosion	N/K	9 December, 09:16
		Heard uncountable overlapping bursts and shots	Small arms	
	3-5km WSW	Heard 2 undetermined explosions	N/K	9 December, 09:19-09:21
	2-4km WSW	Heard uncountable overlapping bursts and shots	Small arms	9 December, 09:30
	2-3km NW	Heard 5 bursts	HMG	9 December, 09:49-09:55
	4-5km SW	Heard 4 undetermined explosions	N/K	
	3-4km NW	Heard 1 undetermined explosion		9 December, 10:01-10:10
	2-4km NW	Heard 18 undetermined explosions	HMG	
	2-3km W	Heard 10 bursts		9 December, 10:10-10:15
	1-3km NW	Heard 20 bursts	9 December, 12:05-12:10	
	3-5km SW	Heard 3 bursts		Small arms
		Heard 5 undetermined explosions	N/K	
	2-3km W	Heard 9 shots	Small arms	9 December, 13:10-13:23
	1-3km S	Heard 11 shots	HMG	
		Heard 9 bursts		
	2-4km WSW	Heard 25 shots	9 December, 14:05-14:25	
	3-5km W	Heard 3 undetermined explosions		N/K
4-6km W	Heard 2 bursts	Small arms		
3-5km W	Heard 3 bursts			
600m NE of railway station in Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	1-3km NW	Heard uncountable overlapping undetermined explosions, bursts and shots	N/K, HMG	9 December, 10:15-10:18
		Heard 15 undetermined explosions	N/K	9 December, 10:30-10:35
		Heard uncountable overlapping bursts and shots	HMG, small arms	
		Heard 1 undetermined explosion	N/K	9 December, 10:35-10:37
		Heard 8 bursts	HMG	
		Heard 50 shots	Small arms	
		Heard uncountable overlapping	N/K, AGL, HMG	9 December, 10:37-10:40

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.

		undetermined explosions and bursts		
	3-5km SW	Heard 2 undetermined explosions		9 December, 10:44-10:48
	1-3km NW	Heard 1 undetermined explosion	N/K	9 December, 10:57
	3-5km SW	Heard 6 undetermined explosions		9 December, 11:08-11:19
Petrivske (“DPR”-controlled, 41km S of Donetsk)	2-3km S	Heard 15 shots (unable to assess whether inside or outside the disengagement area)	Small arms	9 December, 09:45
1.9km NW of Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	2-4km WNW	Heard 5 shots	Small arms	9 December, 09:40-09:41
		Heard 12 bursts		9 December, 09:44-09:48
		Heard 2 bursts	HMG	9 December, 10:01-10:09
1km NNW of Pyshevyk (government-controlled, 25km NE of Mariupol)	5km SSE	Heard 7 explosions (outgoing)		9 December, 10:26-10:36
		Heard 3 explosions (impact)		
		Heard 11 undetermined explosions	N/K	9 December, 10:40-10:49
3km NE of Zaichenko (“DPR”-controlled, 26km NE of Mariupol)	N/K SSW	Heard 5 undetermined explosions	N/K	9 December, 11:22
1km NE of Zaichenko (“DPR”-controlled, 26km NE of Mariupol)	N/K SW	Heard 2 undetermined explosions	N/K	9 December, 11:42-12:13
		Heard 12 shots	Small arms	
		Heard 22 bursts	HMG	
		Heard 2 shots	AGL	
	N/K SW	Heard 28 shots	Small arms	9 December, 12:15-12:38
		Heard 26 undetermined explosions	N/K	
	N/K NW	Heard 40 bursts		
N/K NW	Heard 2 shots	Small arms		
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km E	Heard 10 undetermined explosion	N/K	8 December, 18:30-18:35
		Heard 12 bursts	Small arms	
	5-6km SE	Heard 5 undetermined explosion	N/K	8 December, 18:35
		3-4km SE	Heard 6 bursts	
	Heard 4 bursts		HMG	8 December, 21:40
	3-4km SW	Heard 40 bursts		8 December, 21:30-22:00
	3-4km SE	Heard 5 bursts	Small arms	8 December, 22:00
	3-4km SW	Heard 15 bursts	HMG	8 December, 22:10-22:59
	5-6km SW	Heard 4 undetermined explosions		9 December, 09:15
	4-5km SE	Heard 10 undetermined explosions		9 December, 09:25
	4-5km SE	Heard 4 undetermined explosions	N/K	9 December, 09:30
	5-7km SW	Heard 1 undetermined explosion		9 December, 11:35
	4-5km SE	Heard 2 undetermined explosions		9 December, 12:05
		Heard 3 undetermined explosions		9 December, 13:20
	3-4km SE	Heard 3 bursts	HMG	9 December, 13:30
	4-5km SE	Heard 6 undetermined explosions		9 December, 14:25
		Heard 6 undetermined explosions	N/K	9 December, 14:30
	3-4km SE	Heard 10 bursts	HMG	
	4-5km SE	Heard 6 undetermined explosions	N/K	9 December, 14:35
	3-4km SE	Heard 8 bursts	Small arms	
	4-5km SE	Heard 6 undetermined explosions	N/K	9 December, 14:40
	3-4km SE	Heard 8 bursts	HMG	
	4-5km SE	Heard 5 undetermined explosions		9 December, 14:45
6-8km SW	Heard 4 undetermined explosions	N/K	9 December, 16:15	
	Heard 2 undetermined explosions		9 December, 16:50	
4-5km SE	Heard 8 bursts	HMG		
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	2-3km SW	Heard 7 bursts (unable to assess whether inside or outside the disengagement area)	HMG	8 December, 22:50-22:52
4km SE of Bobrove (government-controlled, 56km NW of Luhansk)	7-10km SW	Heard 1 undetermined explosion	N/K	9 December, 09:20
S edge of Popasna	1-2km SE	Heard 2 undetermined explosions	N/K	9 December, 09:46

(government-controlled, 69km W of Luhansk)				
SW edge of Popasna (government-controlled, 69km W of Luhansk)	4-5km SE	Heard 8 shots	IFV (BMP-2) cannon (30mm)	9 December, 10:09-10:17
		Heard 3 shots	Small arms	
Popasna (government-controlled, 69km W of Luhansk)	10km SSW	Heard 51 shots	IFV (BMP-2) cannon	9 December, 15:26-15:36
		Heard 21 undetermined explosions	N/K	
		Heard 5 bursts (30 shots)	HMG	
	3-5km SSE	Heard 5 bursts	Small arms	
	4-6km SE	Heard 4 explosions (impacts)	Mortar (type N/K)	9 December, 15:57-16:03
Zolote (government-controlled, 60km W of Luhansk)	5-6km SW	Heard 1 undetermined explosion (assessed as outside the disengagement area)	N/K	9 December, 10:04
Zolote-4 (government-controlled, 60km NW of Luhansk)	1-2km SE	Heard 1 undetermined explosion (assessed as inside the disengagement area)	N/K	9 December, 11:45
		Heard 1 burst (assessed as inside the disengagement area)	Small arms	
1.5km W of Zolote (government-controlled, 60km W of Luhansk)	3-4km SE	Heard 1 undetermined explosion (assessed as outside the disengagement area)	N/K	9 December, 12:45
	3-4km SE	Heard 1 undetermined explosion (assessed as outside the disengagement area)	Mortar (type N/K)	9 December, 13:05
3km N of Pervomaisk ("LPR"-controlled, (58km W of Luhansk)	5-8km SW	Heard 1 undetermined explosion (assessed as outside the disengagement area)	N/K	9 December, 09:47
		Heard 6 undetermined explosions (assessed as outside the disengagement area)		9 December, 10:10-10:25
	3-5km WSW	Heard 1 undetermined explosion (assessed as outside the disengagement area)		9 December, 12:15
	3-5km SW	Heard 1 undetermined explosion (assessed as outside the disengagement area)		9 December, 12:51
	5-8km SW	Heard 2 undetermined explosions (assessed as outside the disengagement area)		9 December, 13:06
	5-8km S	Heard 1 burst (10 shots) (assessed as outside the disengagement area)	HMG	9 December, 13:38
0.5km NE of Orikhove (government-controlled, 57km NW of Luhansk)	2km S	Heard 5 shots	Small arms	9 December, 10:53-10:59
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5kms ESE	Recorded 1 illumination flare in vertical flight	N/K	10 December, 00:47
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1.5km S	Recorded 1 undetermined explosion	N/K	09 December, 18:57
		Recorded 1 undetermined explosion		09 December, 19:14
		Recorded 1 projectile from E to W		09 December, 20:07
		Recorded 1 undetermined explosion		09 December, 20:19
		Recorded 1 undetermined explosion		09 December, 21:11
		Recorded 1 undetermined explosion		09 December, 21:29
		Recorded 1 projectile from E to W		09 December, 23:05
		Recorded 50 undetermined explosions		09 December, 23:05
		Recorded 1 undetermined explosion		09 December, 23:39
		Recorded 2 undetermined explosions		09 December, 23:45
		Recorded 1 undetermined explosion		10 December, 00:00
		Recorded 1 illumination flare in		

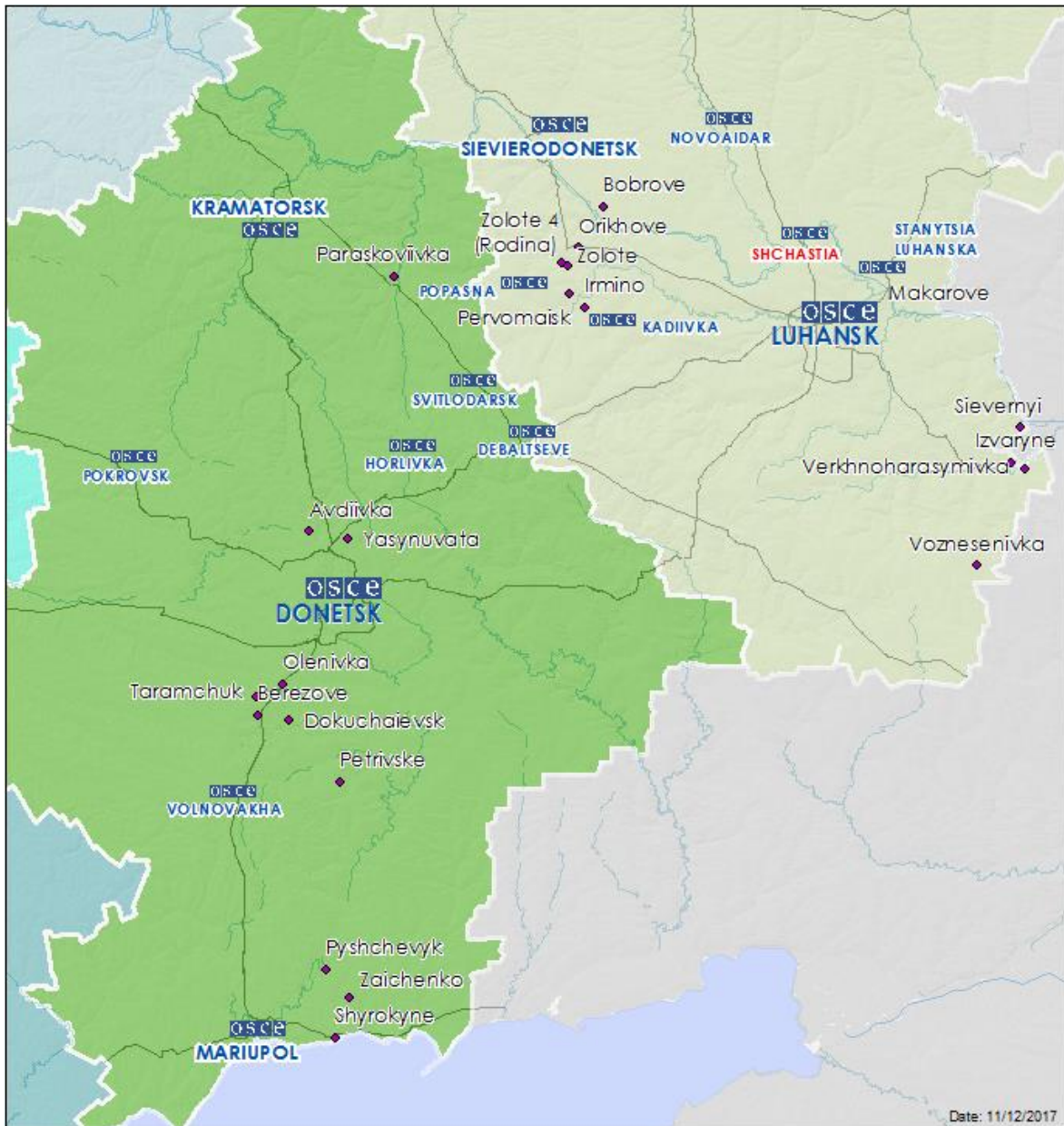
		vertical flight		
		Recorded 1 undetermined explosion		10 December, 00:11
		Recorded 1 projectile from E to W		10 December, 00:44
		Recorded 1 explosion (impact)		10 December, 00:51
		Recorded 1 undetermined explosion		10 December, 00:53
		Recorded 1 undetermined explosion		10 December, 02:30
		Recorded 1 undetermined explosion		10 December, 02:49
		Recorded 1 projectile from E to W		10 December, 02:53
		Recorded 1 undetermined explosion		10 December, 03:06
		Recorded 4 projectiles from W to E		10 December, 03:24
		Recorded 4 projectiles from E to W		10 December, 03:28
		Recorded 1 projectile from E to W		10 December, 03:33
		Recorded 3 projectiles from W to E		10 December, 03:34
		Recorded 3 projectiles from W to E		10 December, 03:38
		Recorded 5 projectiles from W to E		10 December, 04:25
		Recorded 2 projectiles from E to W		10 December, 04:26
		Recorded 1 projectile from E to W		10 December, 04:29
		Recorded 1 undetermined explosion		10 December, 04:35
		Recorded 1 airburst		10 December, 04:52
		Recorded 1 projectile from E to W		10 December, 05:22
		Recorded 4 projectiles from E to W		10 December, 05:23
		Recorded 2 projectiles from E to W		10 December, 05:26
		Recorded 2 undetermined explosions		10 December, 05:40
		Recorded 2 undetermined explosions		10 December, 05:41
		Recorded 1 undetermined explosion		10 December, 05:42
		Recorded 1 projectile from E to W		10 December, 05:46
		Recorded 3 projectiles from E to W		10 December, 05:53
		Recorded 4 projectiles from E to W		10 December, 05:54
		Recorded 2 projectiles from E to W		10 December, 06:16
		Recorded 1 projectile from E to W		10 December, 06:36
		Recorded 8 projectiles from W to E		10 December, 17:08
		Recorded 1 projectile from W to E		10 December, 17:33
		Recorded 2 projectiles from W to E		10 December, 17:34
		Recorded 1 projectile from W to E		10 December, 17:39
		Recorded 1 undetermined explosion		10 December, 17:59
		Recorded 2 projectiles from W to E		10 December, 17:59
		Recorded 1 projectile from E to W		10 December, 18:24
		Recorded 4 projectiles from W to E		10 December, 18:26
		Recorded 1 projectile from E to W		10 December, 18:28
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	N/K	Recorded 35 projectiles (trajectory N/K)	N/K	09 December, 22:10
		Recorded 17 projectiles (trajectory N/K)		09 December, 22:11
		Recorded 21 projectiles (trajectory N/K)		09 December, 22:12
		Recorded 4 projectiles (trajectory N/K)		09 December, 22:47
		Recorded 6 projectiles (trajectory N/K)		10 December, 00:28
		Recorded 1 undetermined explosion		10 December, 04:19
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	5-8km N	Recorded 1 undetermined explosion	N/K	09 December, 20:02
		Recorded 7 projectiles from E to W		09 December, 20:26
		Recorded 7 projectiles from E to W		09 December, 21:55
		Recorded 1 projectile from E to W		09 December, 22:04
		Recorded 5 projectiles from E to W		10 December, 17:12
Svitlodarsk	3-5km SW	Heard 5 bursts	HMG	9 December, 18:20

(government-controlled, 57km NE of Donetsk)		Heard 3 undetermined explosions	N/K	9 December, 19:50-20:00
		Heard 16 bursts	HMG	
	3-5km SE	Heard 5 bursts		
	4-6km SE	Heard 4 undetermined explosions	N/K	9 December, 20:05
	3-5km SW	Heard 17 bursts	HMG	9 December, 20:10
	4-6km SE	Heard 10 undetermined explosions	N/K	9 December, 20:50
	3-5km SE	Heard 40 bursts	HMG	9 December, 21:15-21:50
		Heard 5 undetermined explosions	N/K	
		Heard 45 bursts	HMG	9 December, 22:30-23:00
		Heard 1 undetermined explosion	N/K	9 December, 22:52
	5km N	Heard 5 explosions (outgoing)	Artillery (122mm)	10 December, 17:15
		Heard 2 explosions (outgoing)		10 December, 17:26
		Heard 1 explosion (outgoing)		10 December, 17:38
	6-7km SE	Heard 2 explosions (impacts)	N/K	10 December, 17:40
5km W	Heard 4 explosions (impacts)	Mortar (120mm)	10 December, 17:45	
6-7km SE	Heard 2 explosions (impacts)	N/K	10 December, 17:58	
Railway station in Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2-3km W	Heard 12 shots	Small arms	10 December, 08:45-09:10
		Heard 10 shots	HMG	
	3-4km WSW	Heard 20 shots		
		Heard 12 bursts		10 December, 09:44
	2-3km W	Heard 30 bursts	N/K	10 December, 09:50
		Heard 2 undetermined explosions		
	2-3km WNW	Heard 2 undetermined explosions		10 December, 10:05-10:12
		Heard 1 undetermined explosion		
	2-3km W	Heard 5 bursts	Small arms	
		Heard 14 undetermined explosions	N/K	10 December, 10:45-11:12
	2-3km WSW	Heard 10 shots	Small arms	
		Heard 2 shots	HMG	
		Heard 43 bursts		
		Heard 18 bursts		
		Heard 3 shots	Small arms	10 December, 11:16
		Heard 2 undetermined explosions		10 December, 11:17-11:19
	2-3km WNW	Heard 1 undetermined explosion	N/K	10 December, 11:23
	1-2km WSW	Heard 2 undetermined explosions		10 December, 11:27
	2-3km WSW	Heard 1 burst	Small arms	10 December, 11:31-11:34
		Heard 1 burst		
	2-3km WNW	Heard 18 undetermined explosions	N/K	10 December, 11:34-11:43
		Heard 5 bursts		
	1-2km WNW	Heard 10 shots	Small arms	10 December, 11:44
	2-3km WNW	Heard 3 bursts	N/K	10 December, 11:45-12:55
		Heard 25 undetermined explosions		
		Heard 50 bursts		10 December, 11:50-11:55
	1-2km WNW	Heard 30 bursts	Small arms	10 December, 11:50-11:55
	3-6km WSW	Heard 15 undetermined explosions	N/K	10 December, 12:25-13:00
	1-2km WNW	Heard 41 undetermined explosions		
		Heard 13 bursts	Small arms	
	1-2km WSW	Heard 12 undetermined explosions	N/K	10 December, 13:00-13:20
	4-6km SW	Heard 2 undetermined explosions		
4-6km WSW	Heard 7 undetermined explosions			
1-2km WSW	Heard 20 bursts	Small arms	10 December, 13:20-13:37	
	Heard 1 undetermined explosion			
4-6km WSW	Heard 2 undetermined explosions	N/K	10 December, 13:20-13:37	
1-2km WSW	Heard 4 undetermined explosions			
2-3km WSW	Heard 5 undetermined explosions			
	Heard 11 bursts	Small arms		
2-3km W	Heard 2 undetermined explosions	N/K	10 December, 13:40-14:00	
2-4km WSW	Heard 47 undetermined explosions			
		Heard at least 100 shots	Small arms	
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard 8 undetermined explosions	N/K	10 December, 10:19-10:37
		Heard 4 bursts	HMG	
		Heard 14 bursts	Small arms	10 December, 10:39
	3-4km E	Heard 1 undetermined explosion		10 December, 10:39
2-3km SE	Heard 12 undetermined explosions	N/K	10 December, 10:49-11:09	

		Heard 23 bursts	Small arms	10 December, 11:13	
		Heard 3 undetermined explosions	N/K		
		Heard 5 bursts	Small arms		
	2-4km SE	2-3kmSE	Heard 4 undetermined explosions	N/K	10 December, 11:18
			Heard 3 undetermined explosions		10 December, 11:28-11:35
	3-4km SE	3-4km E	Heard 2 bursts	HMG	10 December, 11:30-11:45
			Heard 8 undetermined explosions	N/K	
	3-4km E	2-4km SSW	Heard 18 shots	HMG	10 December, 11:40-11:45
			Heard 6 undetermined explosions	N/K	
			Heard 10 undetermined explosions	Small arms	
	2-4km SSW	3-4km E	Heard 21 bursts	HMG	10 December, 11:48-12:25
			Heard 122 undetermined explosions	N/K	
	3-4km E	2-4km SSW	Heard 6 undetermined explosions	Small arms	10 December, 11:53-12:20
			Heard 6 bursts		
Heard 273 undetermined explosions			N/K		
2-4km SSW	3-4km E	Heard 90 bursts	HMG	10 December, 13:30-14:00	
		Heard uncountable overlapping bursts and shots	Small arms		
		Heard 78 undetermined explosions	N/K		
3-4km E		Heard 38 bursts	HMG	10 December, 13:38-14:00	
Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)	1km WNW	Heard 12 shots	Small arms	10 December, 08:38	
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	2-3km NW	Heard 6 undetermined explosions	N/K	10 December, 14:25	
	1-2km N	Heard 2 undetermined explosions			
	1-2km NW	Heard 1 undetermined explosion	Small arms	10 December, 14:26	
		Heard 1 burst			
	1-2km NNW	Heard 1 undetermined explosion	N/K	10 December, 14:27	
2-3km E	Heard 1 undetermined explosion				
2km SW of Pyshevyk (government-controlled, 25km NE of Mariupol)	10km SSE	Heard 2 explosions (outgoing)	N/K	10 December, 08:48	
	3-4km ESE	Heard 4 single shots	Small arms	10 December, 09:00-09:03	
	N/K ESE	Heard 1 undetermined explosion	N/K		
	N/K SE	Heard 2 explosions (outgoing) Heard 2 subsequent explosions (impact)		10 December, 09:18-09:22	
1km NW of entry-exit checkpoint near Pyshevyk (government-controlled, 25km NE of Mariupol)	N/K NNE	Heard 2 undetermined explosions	N/K	10 December, 09:49-09:53	
	N/K SSE	Heard 1 undetermined explosion			
Bohdanivka (government-controlled, 41km S of Donetsk)	3-5km WNW	Heard 6 bursts	HMG	10 December, 10:12	
3km NE of Zaichenko ("DPR"-controlled, 26km NE of Mariupol)	2km SSW	Heard 1 explosion (outgoing)	Mortar (type N/K)	10 December, 10:44-10:59	
	2km NNW	Heard 3 explosions (outgoing)			
N edge of Orikhove (government-controlled, 57km NW of Luhansk)	3km S	Heard 2 undetermined explosions	N/K	10 December, 09:39	
2.5km N of Pervomaisk ("LPR"-controlled, 58km W of Luhansk)	3-5km SW	Heard 25 bursts (assessed as outside the disengagement area)	HMG	10 December, 09:55-10:05	
3km N of Pervomaisk ("LPR"-controlled, 58km W of Luhansk)	3-5km SW	Heard 14 bursts (assessed as outside the disengagement area and as live-fire training)	HMG	10 December, 10:12-10:56	
		Heard 116 shots (assessed as outside the disengagement area and as	Small arms		

		live-fire training)		
		Heard 2 undetermined explosions (assessed as outside the disengagement area and as live-fire training)	N/K	10 December, 10:20

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.)