## Table of ceasefire violations as of 9 August 2017<sup>1</sup>

PDRR'-controlled   Donetsk city centre	SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
S-10km NW   Heard 10 undetermined explosions   9 August, 07:08-07:10			Heard 2 undetermined explosions		9 August, 00:08
Heard 19 undetermined explosions	Donetsk city centre	8-10km NW	Heard 1 undetermined explosion	N/V	9 August, 00:16
Recorded 20 explosions (impacts)   Recorded 21 projectile from E to W			Heard 19 undetermined explosions	TV/K	9 August, 05:18-05:39
Avditivita (government-controlled, 17km N of Donetsk)  Recorded 8 projectiles from W to E Recorded 1 projectile from St to NW Recorded 1 projectile from St to NW Recorded 2 projectiles from Bt to W Recorded 1 projectile from E to W Recorded 1 projectiles from W to E Recorded 1 projectiles from E to W Recorded 1 projectiles from E to W Recorded 1 projectiles from E to W Recorded 2 projectiles from E to W Recorded 3 projectiles from E to W Recorded 4 projectiles from E to W Recorded 4 projectiles from E to W Recorded 4 projectiles from E to W Recorded 2 projectiles from E to W Recorded 1 projectile from E to W Recorded 2 projectiles from E to W Recorded 2 projectiles from E to W Recorded 1 projectile from W to E Recorded 1 projectiles from E to W Recorded 1 projectiles from E to W Recorded 1 projectiles from W to E Recorded 1 projectiles from W to E Recorded 2 projectiles from W to E Recorded 3 projectiles from W to E Recorded 3 projectiles from W to E Recorded 6 projectiles from W to E Recorded			Heard 4 undetermined explosions		
Recorded 1 projectile from E to W Recorded 1 projectile from B to W Recorded 2 projectiles from B to W Recorded 3 projectiles from B to W Recorded 4 projectile from B to W Recorded 4 projectile from B to W Recorded 4 projectile from B to W Recorded 1 projectile from W to E Recorded 2 projectiles from W to E Recorded 3 projectiles from W to E Recorded 6 projectiles from W to E			Recorded 20 explosions (impacts)		8 August, 19:33-20:23
Recorded 1 explosion (impact) Recorded 1 projectile from SE to NW Recorded 1 projectile from E to W Recorded 1 projectile from E to W Recorded 1 projectile from E to W Recorded 2 projectiles from NW to SE Recorded 1 projectile from E to W Recorded 2 projectiles from NW to SE Recorded 1 projectile from E to W Recorded 2 projectiles from NW to SE Recorded 1 projectile from E to W Recorded 2 projectiles from W to E Recorded 1 projectiles from E to W Recorded 2 projectiles from E to W Recorded 2 projectiles from E to W Recorded 3 projectiles from E to W Recorded 4 projectiles from E to W Recorded 2 projectiles from E to W Recorded 2 projectiles from E to W Recorded 2 projectiles from E to W Recorded 3 projectiles from E to W Recorded 1 projectile from W to E Recorded 2 projectiles from E to W Recorded 3 projectiles from E to W Recorded 3 projectiles from E to W Recorded 6 projectile from W to E Recorded 6 projectile from W to E Recorded 6 projectile from W to E Recorded 6 projectiles from W to E					8 August, 20:28
Recorded 1 explosion (impact)  Recorded 2 projectile from E to W  Recorded 1 projectile from W to SE  Recorded 1 projectile from E to W  Recorded 1 projectiles from E to W  Recorded 10 projectiles from E to W  Recorded 2 projectiles from E to W  Recorded 1 projectile from E to W  Recorded 1 projectile from E to W  Recorded 1 projectile from W to E  Recorded 2 projectiles from E to W  Recorded 3 projectiles from E to W  Recorded 1 projectile from W to E  Recorded 1 projectile from W to E  Recorded 1 projectile from W to E  Recorded 2 projectiles from E to W  Recorded 3 projectiles from E to W  Recorded 6 projectiles from W to E	′				8 August 20:22
Recorded 2 projectiles from E to W Recorded 1 projectile from E to W Recorded 1 projectile from E to W Recorded 2 projectiles from NW to SE Recorded 1 explosion (impact) Recorded 1 projectile from E to W Recorded 2 projectiles from E to W Recorded 1 projectile from E to W Recorded 1 projectiles from E to W Recorded 8 tracers from E to W Recorded 2 projectiles from E to W Recorded 4 projectiles from E to W Recorded 4 projectiles from E to W Recorded 1 projectiles from E to W Recorded 1 projectile from W to E Recorded 3 projectiles from E to W Recorded 1 projectile from W to E Recorded 1 projectile from W to E Recorded 2 projectiles from E to W Recorded 1 projectile from W to E Recorded 3 projectiles from E to W Recorded 6 projectiles from W to E Recorded 6 projectiles from W to E Recorded 7 projectiles from W to E Recorded 8 August, 23:45 Recorded 9 Projectiles from W to E Recorded 9 Projectiles from E to W Recorded 9 Projectiles from W to E Recorded 6 Projectiles from W to E Recorded 9 Projectiles from W to E			Recorded 1 explosion (impact)		o August, 20.33
Recorded 1 projectile from E to W Recorded 2 projectiles from E to W Recorded 2 projectiles from NW to SE Recorded 1 explosion (impact) Recorded 1 projectile from E to W Recorded 2 projectiles from E to W Recorded 2 projectiles from E to W Recorded 1 tracer from E to W Recorded 10 projectiles from E to W Recorded 5 tracers from E to W Recorded 2 projectiles from E to W Recorded 2 projectiles from E to W Recorded 4 projectiles from E to W Recorded 2 projectiles from E to W Recorded 2 projectiles from E to W Recorded 2 projectiles from E to W Recorded 4 projectiles from E to W Recorded 1 projectiles from E to W Recorded 1 projectiles from E to W Recorded 1 projectile from W to E Recorded 2 projectiles from E to W Recorded 3 projectiles from E to W Recorded 6 projectiles from W to E Recorded 6 projectiles from E to W Recorded 6 projectiles from W to E Recorded 7 projectiles from W to E Recorded 8 projectiles from W to E Recorded 9 projectiles from W to E			Recorded 1 projectile from SE to NW		8 August, 20:36
Recorded 1 projectile from E to W Recorded 2 projectiles from NW to SE Recorded 1 explosion (impact) Recorded 1 projectile from E to W Recorded 2 projectiles from E to W Recorded 10 projectiles from E to W Recorded 10 projectiles from E to W Recorded 5 tracers from E to W Recorded 2 projectiles from E to W Recorded 1 projectile from W to E Recorded 1 projectile from W to E Recorded 1 projectile from W to E Recorded 2 projectiles from W to E Recorded 3 projectiles from W to E Recorded 6 projectiles from W to E Recorded 9 projectiles from W to E					
Recorded 2 projectiles from NW to SE Recorded 1 explosion (impact) Recorded 1 projectile from E to W Recorded 2 projectiles from W to E Recorded 1 tracer from E to W Recorded 10 projectiles from E to W Recorded 5 tracers from E to W Recorded 8 tracers from E to W Recorded 2 projectiles from E to W Recorded 4 projectiles from E to W Recorded 1 projectile from E to W Recorded 1 projectile from W to E Recorded 1 projectile from W to E Recorded 1 projectile from W to E Recorded 2 projectiles from E to W Recorded 1 projectile from W to E Recorded 3 projectiles from E to W Recorded 6 projectiles from W to E Recorded 7 projectile from W to E Recorded 8 projectiles from E to W Recorded 9 projectiles from W to E Recorded 1 projectile from W to E Recorded 1 projectile from W to E Recorded 2 projectiles from E to W Recorded 1 projectile from W to E Recorded 2 projectiles from W to E Recorded 2 projectiles from W to E Recorded 3 projectiles from W to E Recorded 4 projectiles from W to E Recorded 5 projectiles from W to E Recorded 6 projectiles from W to E Recorded 9 projectiles from W to E			Recorded 1 projectile from E to W		8 August, 20:54
Recorded 1 explosion (impact) Recorded 2 projectiles from E to W Recorded 1 projectile from E to W Recorded 10 projectiles from E to W Recorded 5 tracers from E to W Recorded 2 projectiles from E to W Recorded 1 explosion (outgoing) Recorded 1 explosion (outgoing) Recorded 1 projectile from W to E Recorded 3 projectiles from E to W Recorded 1 projectile from W to E Recorded 1 projectile from W to E Recorded 1 projectile from W to E Recorded 2 projectiles from E to W Recorded 3 projectiles from E to W Recorded 6 projectiles from W to E Recorded 7 projectiles from W to E Recorded 8 projectiles from E to W Recorded 9 projectiles from W to E Recorded 9 projectiles from W to E Recorded 9 projectiles from W to E Recorded 6 projectiles from W to E Recorded 9 projectiles from W to E			Recorded 1 projectile from E to W		8 August, 21:00
Recorded 1 projectile from E to W Recorded 2 projectiles from W to E Recorded 10 projectiles from E to W Recorded 5 tracers from E to W Recorded 8 tracers from E to W Recorded 2 projectiles from E to W Recorded 4 projectiles from E to W Recorded 10 projectiles from E to W Recorded 2 projectiles from E to W Recorded 1 projectiles from E to W Recorded 1 projectiles from E to W Recorded 1 projectile from W to E Recorded 3 projectiles from W to E Recorded 6 projectiles from W to E Recorded 7 projectiles from W to E Recorded 9 projectiles from W to E			Recorded 2 projectiles from NW to SE		8 August, 21:31
Recorded 2 projectiles from W to E Recorded 1 tracer from E to W Recorded 5 tracers from E to W Recorded 8 tracers from E to W Recorded 2 projectiles from E to W Recorded 2 projectiles from E to W Recorded 4 projectiles from E to W Recorded 2 projectiles from E to W Recorded 2 projectiles from E to W Recorded 1 projectiles from E to W Recorded 1 projectile from W to E Recorded 2 projectiles from E to W Recorded 6 projectiles from W to E			Recorded 1 explosion (impact)		8 August, 22:18
Recorded 1 tracer from E to W Recorded 10 projectiles from E to W Recorded 5 tracers from E to W Recorded 2 projectiles from E to W Recorded 4 projectiles from E to W Recorded 4 projectiles from E to W Recorded 1 explosion (outgoing) Recorded 1 projectile from W to E Recorded 1 projectiles from E to W Recorded 1 projectiles from E to W Recorded 1 projectile from W to E Recorded 6 projectiles from W to E			Recorded 1 projectile from E to W		8 August, 22:30
Recorded 1 tracer from E to W  Recorded 5 tracers from E to W  Recorded 8 tracers from E to W  Recorded 2 projectiles from E to W  Recorded 4 projectiles from E to W  Recorded 2 projectiles from E to W  Recorded 1 projectiles from E to W  Recorded 1 projectile from W to E  Recorded 3 projectiles from W to E  Recorded 1 projectile from W to E  Recorded 1 projectile from W to E  Recorded 1 projectile from W to E  Recorded 3 projectiles from W to E  Recorded 6 projectiles from W to E  Recorded 7 projectiles from W to E  Recorded 8 projectiles from W to E  Recorded 9 projectiles from W to E			Recorded 2 projectiles from W to E		
Recorded 5 tracers from E to W Recorded 8 tracers from E to W Recorded 2 projectiles from E to W Recorded 4 projectiles from E to W Recorded 1 projectiles from W to E Recorded 1 projectile from W to E Recorded 3 projectiles from W to E Recorded 3 projectiles from W to E Recorded 6 projectiles from W to E Recorded 7 projectile from W to E Recorded 8 August, 22:48 Recorded 9 Projectile from W to E Recorded 9 Projectiles from W to E Recorded 6 Projectiles from W to E Recorded 9 Projectiles from W to E Recorded 6 Projectiles from W to E Recorded 9 Projectiles from W to E			Recorded 1 tracer from E to W		8 August, 22:31
A-6km ESE  Recorded 8 tracers from E to W Recorded 2 projectiles from E to W Recorded 4 projectiles from E to W Recorded 2 stracers from E to W Recorded 1 explosion (outgoing) Recorded 1 projectile from W to E Recorded 3 projectiles from E to W Recorded 1 projectile from W to E Recorded 2 projectiles from W to E Recorded 3 projectiles from W to E Recorded 6 projectiles from W to E Recorded 7 projectiles from W to E Recorded 8 August, 23:45 Recorded 9 Projectiles from W to E Recorded 9 Projectiles from W to E Recorded 6 projectiles from W to E Recorded 9 Pojectiles from W to E			Recorded 10 projectiles from E to W		8 August, 22:32-22:33
Recorded 2 projectiles from E to W  Recorded 4 projectiles from E to W  Recorded 23 tracers from E to W  Recorded 1 explosion (outgoing)  Recorded 1 projectile from W to E  Recorded 2 projectile from W to E  Recorded 3 projectile from W to E  Recorded 6 projectile from W to E  Recorded 6 projectiles from W to E  Recorded 9 projectiles from W to E			Recorded 5 tracers from E to W		8 August, 22:34
Recorded 4 projectiles from E to W  Recorded 23 tracers from E to W  Recorded 1 explosion (outgoing)  Recorded 1 projectile from W to E  Recorded 3 projectiles from E to W  Recorded 1 projectile from W to E  Recorded 2 projectiles from W to E  Recorded 3 projectiles from W to E  Recorded 3 projectiles from W to E  Recorded 6 projectiles from W to E		4-6km ESE	Recorded 8 tracers from E to W	N/K	8 August, 22:35
Recorded 23 tracers from E to W  Recorded 1 explosion (outgoing)  Recorded 1 projectile from W to E  Recorded 3 projectiles from E to W  Recorded 1 projectile from W to E  Recorded 2 projectiles from W to E  Recorded 3 projectiles from W to E  Recorded 3 projectiles from W to E  Recorded 6 projectiles from W to E  Recorded 9 August, 00:03  Recorded 2 projectiles from W to E			Recorded 2 projectiles from E to W		8 August, 22:36
Recorded 1 explosion (outgoing)  Recorded 1 projectile from W to E  Recorded 1 projectile from W to E  Recorded 3 projectiles from E to W  Recorded 1 projectile from W to E  Recorded 1 projectile from W to E  Recorded 2 projectiles from W to E  Recorded 3 projectiles from W to E  Recorded 3 projectiles from W to E  Recorded 6 projectiles from E to W  Recorded 6 projectiles from W to E  Recorded 9 August, 00:03  Recorded 2 projectiles from W to E			Recorded 4 projectiles from E to W		8 August, 22:43
Recorded 1 projectile from W to E  Recorded 1 projectile from W to E  Recorded 3 projectiles from E to W  Recorded 1 projectile from W to E  Recorded 1 projectile from W to E  Recorded 2 projectiles from W to E  Recorded 3 projectiles from W to E  Recorded 4 projectiles from W to E  Recorded 5 projectiles from W to E  Recorded 6 projectiles from W to E  Recorded 9 August, 00:03  Recorded 9 August, 00:04			Recorded 23 tracers from E to W		8 August, 22:47
Recorded 1 projectile from W to E  Recorded 3 projectiles from E to W  Recorded 1 projectile from W to E  Recorded 1 projectile from NW to SE  Recorded 2 projectiles from W to E  Recorded 3 projectiles from E to W  Recorded 6 projectiles from W to E  Recorded 9 August, 00:04			Recorded 1 explosion (outgoing)		8 August, 22:48
Recorded 3 projectiles from E to W  Recorded 1 projectile from W to E  Recorded 2 projectiles from W to E  Recorded 3 projectiles from W to E  Recorded 3 projectiles from E to W  Recorded 6 projectiles from W to E  Recorded 9 August, 00:03  9 August, 00:04			Recorded 1 projectile from W to E		8 August, 22:51
Recorded 1 projectile from W to E  Recorded 1 projectile from NW to SE  Recorded 2 projectiles from W to E  Recorded 3 projectiles from E to W  Recorded 6 projectiles from W to E  Recorded 6 projectiles from W to E  Recorded 6 projectiles from W to E  Recorded 2 projectiles from W to E			Recorded 1 projectile from W to E		8 August, 22:59
Recorded 1 projectile from W to E  Recorded 2 projectiles from W to E  Recorded 3 projectiles from E to W  Recorded 6 projectiles from W to E  Recorded 6 projectiles from W to E  Recorded 6 tracers from W to E  Recorded 2 projectiles from W to E  Recorded 2 projectiles from W to E  Recorded 3 projectiles from W to E  Recorded 6 tracers from W to E  Recorded 9 August, 00:04			Recorded 3 projectiles from E to W		0.4
Recorded 2 projectiles from W to E  Recorded 3 projectiles from E to W  Recorded 6 projectiles from W to E  Recorded 6 tracers from W to E  Recorded 2 projectiles from W to E  Recorded 2 projectiles from W to E  Recorded 3 projectiles from W to E  9 August, 00:03  9 August, 00:04			Recorded 1 projectile from W to E		8 August, 23:00
Recorded 3 projectiles from E to W  Recorded 6 projectiles from W to E  Recorded 6 tracers from W to E  Recorded 2 projectiles from W to E  9 August, 00:04			Recorded 1 projectile from NW to SE		8 August, 23:45
Recorded 6 projectiles from W to E  Recorded 6 tracers from W to E  Recorded 2 projectiles from W to E  9 August, 00:03  9 August, 00:04			Recorded 2 projectiles from W to E		8 August, 23:47-23:48
Recorded 6 tracers from W to E  Recorded 2 projectiles from W to E  9 August, 00:03  9 August, 00:04			Recorded 3 projectiles from E to W		8 August, 23:56
Recorded 2 projectiles from W to E 9 August, 00:04			Recorded 6 projectiles from W to E		8 August, 23:57
			Recorded 6 tracers from W to E		9 August, 00:03
Recorded 3 projectiles from E to W 9 August, 00:05			Recorded 2 projectiles from W to E		9 August, 00:04
			Recorded 3 projectiles from E to W		9 August, 00:05

<sup>&</sup>lt;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.

1	D 114 ' 6 7	T	1
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	* *		9 August, 00:07
	•		
			9 August, 00:08
	,		
	* *		
	Recorded 2 projectiles from E to W		9 August, 00:11
	Recorded 9 tracers from E to W		
	Recorded 5 tracers from NW to SE		9 August, 00:14
	Recorded 4 projectiles from NW to SE		9 August, 00:15
	Recorded 4 tracers from E to W		9 August, 00:17
	Recorded 1 projectile from W to E		9 August, 00.17
	Recorded 3 tracers from NW to SE		
	Recorded 7 tracers from NW to SE		9 August, 00:21
	Recorded 5 tracers from W to E		9 August, 00:31
	Recorded 1 projectile from E to W		9 August, 00:34
	Recorded 4 projectiles from W to E		9 August,01:15-01:47
	Recorded 5 projectiles from E to W		9 August,01:16-01:25
	Recorded 2 explosions (impacts)		9 August,01:46-02:00
	Recorded 7 projectiles from W to E		9 August,02:54-02:56
	Recorded 6 projectiles from E to W		9 August, 04:26
	Recorded 4 projectiles from W to E		9 August, 04:37
5-6km W	Heard 7 undetermined explosions	N/K	9 August, 10:13-10:25
5-7km W	Heard 3 undetermined explosions	N/K	9 August, 11:09-11:22
200-500m W	Heard 1 burst		
200-300m W	Heard 3 shots	Small arms	9 August, 09:54
0.1-0.2km	Heard 1 burst	Sman arms	9 August, 09:55
1-2km SE	Heard 6 undetermined explosions	N/K	9 August, 11:09-11:35
	Heard 1 undetermined explosion		9 August, 11:10
3-4km NNE	Heard and saw 1 explosion (impact)	NI/IZ	9 August, 11:12
	Heard 1 undetermined explosion	N/K	9 August, 11:19
	Heard and saw 1 explosion (impact)		9 August, 11:22
8-10km N	Heard 1 undetermined explosion	N/K	9 August, 15:57
1-2km SW	Heard 1 undetermined explosion	N/K	9 August, 11:25
			1
	5-7km W 200-500m W 0.1-0.2km SSW 1-2km SE 3-4km NNE	Recorded 5 tracers from NW to SE Recorded 4 projectiles from NW to SE Recorded 1 projectile from E to W Recorded 1 projectile from W to E Recorded 3 tracers from NW to SE Recorded 7 tracers from NW to SE Recorded 5 tracers from NW to SE Recorded 1 projectile from E to W Recorded 1 projectile from E to W Recorded 1 projectiles from E to W Recorded 4 projectiles from W to E Recorded 5 projectiles from E to W Recorded 2 explosions (impacts) Recorded 6 projectiles from W to E Recorded 6 projectiles from W to E Recorded 4 projectiles from W to E Recorded 4 projectiles from W to E Recorded 4 projectiles from W to E Recorded 6 projectiles from W to E Recorded 1 projectiles from W to E Recorded 6 projectiles from W to E Recorded 7 projectiles from W to E Recorded 7 projectiles from W to E Recorded 6 projectiles from W to E Recorded 7 projectiles from W to E Recorded 9 projectiles from W	Recorded 2 projectiles from E to W Recorded 3 tracers from E to W Recorded 3 projectiles from W to E Recorded 2 projectiles from W to E Recorded 1 projectile from W to E Recorded 2 projectiles from E to W Recorded 2 projectiles from E to W Recorded 9 tracers from E to W Recorded 9 tracers from E to W Recorded 4 projectiles from NW to SE Recorded 1 projectile from E to W Recorded 4 projectiles from W to E Recorded 1 projectile from W to E Recorded 1 projectile from W to E Recorded 3 tracers from NW to SE Recorded 3 tracers from NW to SE Recorded 5 tracers from W to E Recorded 5 tracers from W to E Recorded 6 projectiles from W to E Recorded 4 projectiles from W to E Recorded 6 projectiles from W to E Recorded 6 projectiles from W to E Recorded 7 projectiles from W to E Recorded 6 projectiles from W to E Recorded 7 projectiles from W to E Recorded 1 projectiles from W to E Recorded 6 projectiles from W to E Recorded 7 projectiles from W to E Recorded 8 projectiles from W to E Recorded 9 projectiles from W to E Recorde

Shyrokyne		Recorded 2 undetermined explosions		8 August, 21:12
(20km E of		Recorded 2 undetermined explosions		8 August, 21:13
Mariupol)		Recorded 2 undetermined explosions		8 August, 21:14
		Recorded 1 undetermined explosion		8 August, 21:16
		Recorded 2 undetermined explosion		8 August, 21:17
		Recorded 1 undetermined explosion		
		Recorded 1 tracer from W to E	1	8 August, 21:28
		Recorded 1 undetermined explosion	_	8 August, 21:29
		Recorded 3 tracers from E to W	_	8 August, 21:31
		Recorded 1 rocket-assisted projectile from W to E		8 August, 21:38
		Recorded 1 rocket-assisted projectile	-	
		from W to E		8 August, 21:39
		Recorded 5 tracers from E to W		8 August, 21:41
		Recorded 1 rocket-assisted projectile	1	
		from W to E		8 August, 21:55
	N/K N	Recorded 2 tracers from E to W		8 August, 21:56
	10/11/1	Recorded 2 tracers from E to W		8 August, 22:11
		Recorded 3 tracers from E to W		8 August, 22:25
		Recorded 1 tracer from W to E		8 August, 22:29
		Recorded 1 rocket-assisted projectile		8 August, 22:48
		from E to W	4	2
		Recorded 1 illumination flare in		8 August, 22:51
		vertical flight  Recorded 8 tracers from W to E	1	8 August, 22:52
		Recorded 2 undetermined explosions	-	8 August, 22:59
		Recorded 2 undetermined explosions	-	8 August, 23:01
		Recorded 3 undetermined explosions	-	8 August, 23:06
		Recorded 1 undetermined explosion	†	8 August, 23:11
		Recorded 1 undetermined explosion	1	8 August, 23:12
		Recorded 1 tracer from W to E	1	8 August, 23:58
		Recorded 1 tracer from W to E	1	9 August, 00:47
		Recorded 1 tracer from W to E	1	9 August, 01:07
		Recorded 1 rocket-assisted projectile from E to W	1	9 August, 01:15
		Recorded 1 undetermined explosion	-	9 August, 01:17
		Recorded 1 tracer from SW to NE	1	9 August, 01:20
		Recorded 2 tracers from W to E	1	9 August, 01:35
		Recorded 1 tracer from W to E	1	9 August, 02:23
		Recorded 2 rocket-assisted projectiles	1	9 August, 02:47
		from E to W  Recorded 1 tracer from E to W	-	9 August, 03:03
		Recorded 1 tracer from E to W	1	. 6
		Recorded 1 illumination flare in	1	9 August, 03:08
		vertical flight		
		Recorded 5 tracers from E to W		9 August, 03:09
		Recorded 2 tracers from E to W	1	9 August, 03:11
		Recorded 11 tracers from W to E	4	9 August, 04:10
		Recorded 1 undetermined explosion	1	
		Recorded 1 rocket-assisted projectile from W to E		9 August, 04:15
		Recorded 1 tracer from E to W	1	9 August, 04:17
Mariupol (102km S	N/K ESE	Heard 9 undetermined explosions	N/K	8 August, 19:15-19:33
of Donetsk) Bohdanivka	+			
(government-				
controlled, 41km SW	N/K NE	Heard 2 undetermined explosions	N/K	9 August, 09:37-09:47
of Donetsk)				
2.9km NW of		+		
Lomakyne				
(government-	8km SE	Heard 1 undetermined explosion	N/K	9 August, 12:05
controlled, 15km NE				
	i	Í	1	1

3.9km N of	1	T		
Novotroitske (government-	N/K NE	Heard 45-50 shots	HMG	9 August, 13:42-13:47
controlled, 36km SW of Donetsk)	N/K NE	Heard 1 explosion (impact)	N/K	9 August, 13:50
Svitlodarsk		Heard 76 undetermined explosions	N/K	8 August, 20:30 –20:40
(government-		Heard 15 bursts (3-5 shots each)		8 August, 20:40 -20:50
controlled, 57km NE		Heard 25 shots		8 August, 20:45 -20:50
of Donetsk)		Heard 5 bursts (3-5 shots each)	Small arms	8 August, 21:00
		Heard 8 bursts (3-5 shots each) Heard 2 bursts (3-5 shots each)	-	8 August, 21:07 8 August, 21:09
		Heard 14 bursts (3-5 shots each)	-	8 August, 21:11-21:13
		Heard 2 undetermined explosions	N/K	8 August, 21:20
	5-7km E	Heard 3 bursts (3-5 shots each)	Small arms	8 August, 21:20
		Heard 2 undetermined explosions	NI/IZ	8 August, 21:22
		Heard 2 undetermined explosions	N/K	8 August, 21:24
		Heard 15 shots	0 11	8 August, 21:25
		Heard 12 bursts (3-5 shots each)	Small arms	8 August, 21:29
		Heard 3 bursts (5-10 shots each)	HMG	8 August, 21:38
		Heard 20 shots	Small arms	8 August, 21:40
	2.51	Heard 18 bursts (3-5 shots each)		8 August, 21:48
SMM camera in Zolote (government- controlled, 60km NW of Luhansk)	2.5km E	Recorded 2 projectiles from N to S (assessed as outside the disengagement area)	N/K	7 August, 23:08
SMM camera in Stanytsia Luhanska (government-	2-3km NNW	Recorded 1 explosion (outgoing) (assessed as outside the disengagement area)	Mortar (type N/K)	9 August, 00:35
controlled, 16km NE of Luhansk)	3-5km NNE	Recorded 4 undetermined explosions (assessed as outside the disengagement area)	N/K	9 August, 00:48
	5km NNW	Recorded 3 explosions (impacts) (assessed as outside the disengagement area)	Artillery	9 August, 02:24
	3-5km NNE	Recorded 4 undetermined explosions (assessed as outside the disengagement area)	N/K	9 August, 02:57
	3-5km NNE	Recorded 3 undetermined explosions (assessed as outside the disengagement area)	N/K	9 August, 03:08
	2-3km NNW	Recorded 1 explosion (outgoing) (assessed as outside the disengagement area)	Mortar (type N/K)	9 August, 03:15
	2-3km NNW	Recorded 1 explosion (outgoing) (assessed as outside the disengagement area)	Mortar (type N/K)	9 August, 03:21
	2-4km NNW	Recorded 1 undetermined explosion (assessed as outside the disengagement area)	N/K	9 August, 03:26
Popasna (government- controlled, 69km W of Luhansk)	10-12km NE	Heard 31 undetermined explosions	N/K	8 August, 20:33-20:40
		Heard 122 undetermined explosions	Mortar (82mm)	8 August, 21:10-22:35
	4-6km NE, E, SE, SW	Heard 18 undetermined explosions	Mortar (120mm)	
		Heard 8 undetermined explosions	Artillery (type N/K)	
	52,511	Heard 160 undetermined explosions	IFV (BMP-1) cannon (73mm)	1
		Heard 75 bursts	IFV (BMP-2) cannon (30mm)	1
		Heard 133 overlapping bursts	Anti-aircraft gun (Zu- 23-2, 23mm), HMG	1
		Heard 209 bursts	Small arms	
	4-6km S and	Heard 20 undetermined explosions	Mortar (82mm)	8 August, 22:55-23:25

	SW	Heard 8 undetermined explosions	Mortar (120mm)	
	511	Heard 15 explosions (outgoing)	IFV (BMP-1) cannon	-
		Heard 11 bursts	HMG	-
		Heard 4 bursts	Anti-aircraft gun (Zu- 23-2, 23mm)	-
		Heard 13 shots	Small arms	
	4-6km S and	Heard 21 undetermined explosions	N/K	8 August, 23:45-00:00
	SW	Heard 7 undetermined explosions	Artillery (type N/K)	=
		Heard 15 bursts	HMG	-
	6-8km S and	Heard 49 undetermined explosions	N/K	9 August, 00:00-02:00
	SW	Heard 39 explosions (outgoing)	IFV (BMP-1) cannon	1
		Heard 6 bursts	IFV (BMP-2) cannon	-
		Heard 42 bursts	HMG	1
	8-10km S and	Heard 20 undetermined explosions	N/K	9 August, 02:00-04:00
	SE	Heard 16 explosions (outgoing)	IFV (BMP-1) cannon	1
		Heard 22 bursts	IFV (BMP-2) cannon	1
		Heard 46 bursts	HMG	1
	8-10km S and SE	Heard 3 undetermined explosions	N/K	9 August, 04:00-04:30
Uspenka ("LPR"- controlled, 23km SW of Luhansk)	0.5km NNW	Heard 4 undetermined explosions (assessed as a part of a live-fire exercise)	Artillery (type N/K)	9 August, 10:56-11:00
of Eunansk)	4-6km SE	Heard 2 undetermined explosions (assessed as a part of a live-fire exercise)	N/K	
2.5km SE of	0.5-1km ESE	Heard 3 undetermined explosions	N/K	9 August, 11:04-11:10
Bobrove (government- controlled, 56km NW of Luhansk)		Heard 5 shots	Small arms	
1km W of Zolote-2	7km ENE	Heard 3 undetermined explosions	Artillery (type N/K)	9 August, 11:30-11:38
(government-	7km E	Heard 2 undetermined explosions	N/K	9 August, 11:40
controlled, 60km W of Luhansk)	7km ENE	Heard 1 undetermined explosion	N/K	9 August, 11:50
1.5km S of Muratove	3-5km SSE	Heard 12 undetermined explosions	N/K	9 August, 11:30-11:40
(government- controlled, 51km NW of Luhansk)		Heard 10 bursts	HMG	-
Popasna	12km NE	Heard 14 undetermined explosions	N/K	9 August, 11:30-12:15
(government-		Heard 18 undetermined explosions	Artillery (type N/K)	1
controlled, 69km W of Luhansk)	3-5km SE	Heard 1 undetermined explosion	N/K	1
Kruhlyk ("LPR"- controlled, 31km SW of Luhansk)	500m NW	Heard 5 explosions (outgoing)	Tank (type N/K)	9 August, 11:38-11:48
Novooleksandrivka ("DPR"-controlled, 65km W of Luhansk)	2km S	Heard 5 undetermined explosions	N/K	9 August, 11:40-11:53
2km S of Vesela Hora ("LPR"- controlled, 16km N of Luhansk)	5km N	Heard 5 undetermined explosions	N/K	9 August, 12:30
3km N of Pervomaisk ("LPR"- controlled, 58km W of Luhansk)	5-8km SW	Heard 5 undetermined explosions	N/K	9 August, 12:35
1km SE of Stanytsia Luhanska bridge (16km NE of Luhansk)	300m NE	Heard 1 undetermined explosion (assessed as outside of the disengagement area)	N/K	9 August, 15:07