Table of ceasefire violations as of 28 May 2017¹

SMM position	Location of	Observation	Type of	Date/time
((DDD))	event		weapon/ammunition	25.15
"DPR"-controlled		Heard 2 undetermined explosions		27 May, 01:41
Donetsk city centre	6-10km NNW	Heard 3 undetermined explosions	N/K	27 May, 02:16
		Heard 14 undetermined explosions		27 May, 04:25-04:34
	5-7km N	Heard 1 undetermined explosion		27 May, 19:27
		Heard 1 undetermined explosion		27 May, 20:32
		Heard 2 undetermined explosions	37/77	27 May, 20:46
		Heard 1 undetermined explosion	N/K	27 May, 20:53
	5-7km N	Heard 1 undetermined explosion		27 May, 20:59
		Heard 1 undetermined explosion		27 May, 21:08
C) () (Heard 1 undetermined explosion		27 May, 22:00
SMM camera in		Recorded 1 explosion (impact)		26 May, 18:54
Avdiivka		Recorded 1 explosion (impact)		26 May, 18:56
(government- controlled, 17km N		Recorded 4 explosions (impacts)		26 May, 19:40-20:07
of Donetsk)		Recorded 4 explosions (impact)		26 May, 20:14-20:24
of Dolletsk)		Recorded 1 illumination flare in		26 May, 20:58
		vertical flight		26 M 21 02
		Recorded at least 5 projectiles S to N		26 May, 21:02
	3-5km ESE	Recorded at least 30 projectiles N to S		26 May, 21:05-21:19
		Recorded 6 projectiles S to N		26 May, 21:52
		Recorded 1 undetermined explosion		26 May, 21:58
		Recorded 1 undetermined explosion		26 May, 22:25
		Recorded 5 projectiles N to S	N/K	27 M 00-17
		Recorded 1 explosion (impact) Recorded 2 projectiles S to N		27 May, 00:17
		Recorded 8 explosions (impacts)		27 May, 04:31-04:45
		Recorded 21 explosions (impacts)		27 May, 04.31-04.43 27 May, 05:04-05:18
		Recorded 1 undetermined explosion		27 May, 03:04-03:18 27 May, 08:13
		Recorded 1 undetermined explosion		27 May, 08:13
		Recorded 1 undetermined explosion		27 May, 10:51
	4 51 ESE	Recorded 1 undetermined explosion		27 May, 10.31 27 May, 13:05
	4-5km ESE	Recorded 1 undetermined explosion		27 May, 13:08
		Recorded 1 undetermined explosion		27 May, 14:51
		Recorded 1 airburst		27 May, 17:37
			NI/IZ	•
	4-5km ESE	Recorded 1 airburst	N/K	27 May, 19:06
		Recorded 1 undetermined explosion		27 May, 19:21
	3-5km ESE	Recorded 1 explosion (impact)		27 May, 19:54
		Recorded 1 explosion (impact)		27 May, 19:55
		Recorded 1 explosion (impact)		27 May, 19:56
		Recorded 1 explosion (impact)		27 May, 19:57
		Recorded 1 explosion (impact)		27 May, 19:58
		Recorded 1 explosion (impact)		27 May, 19:59
		Recorded 1 explosion (impact)		27 May, 20:01
		Recorded 1 explosion (impact)		27 May, 20:02
		Recorded 1 explosion (impact)		27 May, 20:04
		Recorded 2 explosions (impacts)		27 May, 20:07
		Recorded 1 explosion (impact)		27 May, 20:24
		Recorded 1 undetermined explosion		27 May, 20:43
		Recorded 2 projectiles from N to S		27 May, 21:00
		Recorded 3 undetermined explosions		27 May, 21:01
		Recorded 7 projectiles from E to W		3 ,

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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.

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Recorded 1 airburst Recorded 1 explosion (impact) Recorded at least 8 projectiles from E to W Recorded at least 30 projectiles from W to E Recorded at least 16 projectiles from W to E Recorded at least 16 projectiles from E to W Recorded 8 undetermined explosions Recorded 1 explosion (impact) Recorded at least 45 projectiles from W to E Recorded at least 45 projectiles from W to E Recorded at least 82 projectiles from W to E Recorded 1 undetermined explosion Recorded 2 projectiles from E to W Recorded 3 projectiles W to E Recorded 5 projectiles W to E	_				26 May, 20:39-20:40
Recorded 1 explosion (impact) Recorded at least 8 projectiles from E to W Recorded 15 projectiles from W to E Recorded at least 30 projectiles from W to E Recorded at least 16 projectiles from E to W Recorded 8 undetermined explosions Recorded 1 explosion (impact) Recorded at least 45 projectiles from W to E Recorded at least 45 projectiles from W to E Recorded 1 undetermined explosion Recorded 2 projectiles from E to W Recorded 3 projectiles W to E Recorded 3 projectiles W to E Recorded 5 projectiles W to E	centre)				
Recorded at least 8 projectiles from E to W Recorded 15 projectiles from W to E Recorded at least 30 projectiles from W to E Recorded at least 30 projectiles from W to E Recorded at least 16 projectiles from E to W Recorded 1 explosion (impact) Recorded 1 explosion (impact) Recorded at least 45 projectiles from W to E Recorded at least 82 projectiles from W to E Recorded 1 undetermined explosion Recorded 2 projectiles from E to W Recorded 3 projectiles W to E Recorded 5 projectiles W to E Recorded 5 projectiles W to E Recorded 5 projectiles W to E					
to W Recorded 15 projectiles from W to E Recorded at least 30 projectiles from W to E Recorded at least 16 projectiles from E to W Recorded 1 explosion (impact) Recorded at least 45 projectiles from W to E Recorded at least 45 projectiles from W to E Recorded at least 45 projectiles from W to E Recorded 1 undetermined explosion Recorded 2 projectile from E to W Recorded 3 projectiles W to E Recorded 5 projectiles W to E					
Recorded 15 projectiles from W to E Recorded at least 30 projectiles from W to E Recorded at least 16 projectiles from E to W Recorded 8 undetermined explosions Recorded 1 explosion (impact) Recorded at least 45 projectiles from W to E Recorded at least 82 projectiles from W to E Recorded 1 undetermined explosion Recorded 2 projectile from E to W Recorded 3 projectiles W to E Recorded 5 projectiles W to E					26 May, 21:05-21:29
Recorded at least 30 projectiles from W to E Recorded at least 16 projectiles from E to W Recorded 8 undetermined explosions Recorded 1 explosion (impact) Recorded at least 45 projectiles from W to E Recorded at least 82 projectiles from W to E Recorded 1 undetermined explosion Recorded 2 projectile from E to W Recorded 3 projectiles W to E Recorded 5 projectiles W to E Recorded 6 May, 21:37-21:55 26 May, 21:38-21:52 26 May, 21:42-21:53 26 May, 22:06-22:16 26 May, 22:53-23:14 26 May, 22:59 26 May, 22:59 26 May, 22:59 26 May, 23:01 26 May, 23:29 27 May, 00:19					
W to E Recorded at least 16 projectiles from E to W Recorded 8 undetermined explosions Recorded 1 explosion (impact) Recorded at least 45 projectiles from W to E Recorded at least 82 projectiles from W to E Recorded 1 undetermined explosion Recorded 2 projectile from E to W Recorded 3 projectiles W to E Recorded 5 projectiles W to E Recorded 6 projectiles W to E Recorded 7 projectiles W to E Recorded 8 undetermined explosions Recorded 1 undetermined explosion Recorded 2 projectiles W to E Recorded 5 projectiles W to E Recorded 5 projectiles W to E					
Ferrorded at least 16 projectiles from E to W Recorded 8 undetermined explosions Recorded 1 explosion (impact) Recorded at least 45 projectiles from W to E Recorded 1 undetermined explosion Recorded 2 projectile from E to W Recorded 3 projectiles W to E Recorded 5 projectiles W to E Recorded 6 undetermined explosion Recorded 7 projectiles W to E Recorded 8 undetermined explosions Recorded 1 undetermined explosion Recorded 2 projectiles W to E Recorded 5 projectiles W to E Recorded 5 projectiles W to E			1 0		26 May, 21:37-21:55
E to W Recorded 8 undetermined explosions Recorded 1 explosion (impact) Recorded at least 45 projectiles from W to E Recorded 1 undetermined explosion Recorded 2 projectile from E to W Recorded 3 projectiles W to E Recorded 5 projectiles W to E Recorded 8 undetermined explosions 26 May, 21:42-21:53 26 May, 21:50 26 May, 22:06-22:16 26 May, 22:53-23:14 26 May, 22:59 26 May, 22:59 26 May, 22:59 27 May, 00:19					
Recorded 8 undetermined explosions Recorded 1 explosion (impact) Recorded at least 45 projectiles from W to E Recorded 1 undetermined explosion Recorded 2 projectile from E to W Recorded 3 projectiles W to E Recorded 5 projectiles W to E Recorded 8 undetermined explosions 26 May, 21:42-21:53 26 May, 21:50 26 May, 22:53-23:14 26 May, 22:59 26 May, 23:59 26 May, 23:29 27 May, 00:19		5-7km NE		N/K	26 May, 21:38-21:52
Recorded 1 explosion (impact) Recorded at least 45 projectiles from W to E Recorded at least 82 projectiles from W to E Recorded 1 undetermined explosion Recorded 2 projectile from E to W Recorded 3 projectiles W to E Recorded 5 projectiles W to E		3 / KIII IVE		1010	
Recorded at least 45 projectiles from W to E Recorded at least 82 projectiles from W to E Recorded 1 undetermined explosion Recorded 2 projectile from E to W Recorded 3 projectiles W to E Recorded 5 projectiles W to E Recorded 5 projectiles W to E					
W to E Recorded at least 82 projectiles from W to E Recorded 1 undetermined explosion Recorded 2 projectile from E to W Recorded 3 projectiles W to E Recorded 5 projectiles W to E Recorded 5 projectiles W to E Recorded 5 projectiles W to E					
Recorded at least 82 projectiles from W to E Recorded 1 undetermined explosion Recorded 2 projectile from E to W Recorded 3 projectiles W to E Recorded 5 projectiles W to E Recorded 5 projectiles W to E					26 May, 22:06-22:16
W to E Recorded 1 undetermined explosion Recorded 2 projectile from E to W Recorded 3 projectiles W to E Recorded 5 projectiles W to E Recorded 5 projectiles W to E Recorded 5 projectiles W to E					2616 20 70 70 11
Recorded 1 undetermined explosion26 May, 22:59Recorded 2 projectile from E to W26 May, 23:01Recorded 3 projectiles W to E26 May, 23:29Recorded 5 projectiles W to E27 May, 00:19			1 5		26 May, 22:53-23:14
Recorded 2 projectile from E to W26 May, 23:01Recorded 3 projectiles W to E26 May, 23:29Recorded 5 projectiles W to E27 May, 00:19					2614 22.50
Recorded 3 projectiles W to E26 May, 23:29Recorded 5 projectiles W to E27 May, 00:19					
Recorded 5 projectiles W to E 27 May, 00:19					
Recorded 30 tracers from W to E 2/ May, 01:35					
		<u> </u>	Recorded 30 tracers from W to E		2/ May, 01:35

		Decembed 1 at 1 at		27 M 01 25
		Recorded 1 airburst		27 May, 01:35
		Recorded 2 projectiles from E to W Recorded 12 tracers from E to W		27 May, 01:47 27 May, 01:47
		Recorded 12 tracers from E to W Recorded 6 tracers from W to E		27 May, 01:47 27 May, 02:29
		Recorded 8 tracers from W to E		27 May, 02:29 27 May, 02:45
		Recorded 8 tracers from E to W		27 May, 02:45
		Recorded 5 projectiles from W to E		27 May, 02:57
	10-11km NE	Recorded 1 undetermined explosion		27 May, 12:58
	10 1111111112	Recorded 1 explosion (impact)		27 May, 19:40
		Recorded 1 projectile from N to S		27 May, 20:34
		Recorded 1 undetermined explosion		27 May, 20:38
		Recorded 1 projectile from W to E		
		Recorded 3 undetermined explosions		27 May, 20:47
		Recorded 2 projectiles from E to W		27 May, 20:50
		Recorded 1 projectile from W to E		27 May, 20:52
		Recorded 1 undetermined explosion		27 May 20,52
		Recorded 5 projectiles from W to E		27 May, 20:53
		Recorded 2 projectiles from E to W		27 May, 20:54
		Recorded 2 projectiles from W to E		27 May, 20.34
		Recorded 1 projectile from N to S		27 May, 20:55
		Recorded 1 projectile from E to W		27 May, 20:56
		Recorded 11 projectiles from N to S		27 May, 21:00
		Recorded 2 projectiles from N to S		27 May, 21:01
		Recorded 3 projectiles from N to S		27 May, 21:02
		Recorded 2 projectiles from S to N		-
		Recorded 13 projectiles from N to S		27 May, 21:03
		Recorded 1 projectile from N to S		27 May, 21:05
		Recorded 4 projectile from W to E		27 May, 21:06
		Recorded 13 projectiles from N to S		27 May, 21:07
		Recorded 2 projectile from W to E		•
		Recorded 5 projectiles from N to S		27 May, 21:08
		Recorded 7 projectiles from N to S		27 May, 21:09
		Recorded 1 projectile from W to E		
	4.4	Recorded 4 projectiles from N to S	37/77	27 May, 21:10
	4-6km NNE	Recorded 4 projectiles from N to S	N/K	27 May, 21:12
		Recorded 1 projectile from N to S		27 May, 21:13
		Recorded 8 projectiles from S to N		27 May, 21:15
		Recorded 24 projectiles from N to S		27 May, 21:18
		Recorded 3 projectiles from N to S		27 May, 21:19
		Recorded 6 projectiles from S to N		27 May, 21:20
		Recorded 19 projectiles from N to S		27 May, 21:21
		Recorded 17 projectiles from N to S		27 May, 21:22
		Recorded 8 projectiles from N to S		27 May, 21:57
		Recorded 1 projectile from W to E		27 May, 21:59
		Recorded 2 projectiles from E to W		27 May, 22:00
		Recorded 1 projectile from E to W		27 May, 22:02
		Recorded 1 projectile from N to S		3 /
		Recorded 22 projectiles from N to S		27 May, 22:18
		Recorded 1 projectile from W to E		27 May, 22:23
		Recorded 1 projectile from E to W		•
		Recorded 1 projectile from E to W		27 May, 22:25
		Recorded 1 projectile from N to S		27 May, 22:30
		Recorded 1 projectile from N to S		27 May, 23:09
		Recorded 7 projectiles from S to N Recorded 3 projectiles from N to S		27 May, 23:19
		Recorded 3 projectiles from N to S Recorded 2 projectiles from N to S		27 May, 23:20 27 May, 23:44
		Recorded 6 projectiles from N to S		27 May, 23:44 27 May, 23:48
		Recorded 7 projectiles from N to S		27 May, 23:49
		Recorded 1 projectile from N to S		28 May, 00:11
		Recorded 6 projectiles from N to S		28 May, 00:12
		Recorded 3 projectiles from N to S		28 May, 00:22
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	1	1	1	7
		Recorded 5 projectiles from N to S	1	28 May, 00:23
		Recorded 10 projectiles from N to S		28 May, 00:31
		Recorded 9 projectiles from N to S		28 May, 01:00
	6-8km NW	Recorded 1 explosion (impact)	N/K	28 May, 08:04
Makiivka ("DPR"-				
controlled, 12km NE	2-5km WNW	Heard 25 undetermined explosions	N/K	27 May, 12:52-13:05
of Donetsk)				
Debaltseve ("DPR"-	37/77 3777	TT 146 1 1 1 1 1	37/77	27.14
controlled, 58km NE	N/K NW	Heard 16 undetermined explosions	N/K	27 May, 23:30-00:00
of Donetsk)	5 71 CW			27.14 10.50
Yasynuvata ("DPR"-	5-7km SW	Heard 1 undetermined explosion	N/K	27 May, 10:50
controlled, 16km NE of Donetsk)	2-3km WSW	Heard 2 undetermined explosions	C 11	27 May, 12:46
of Dolletsk)	1-2km SW	Heard uncountable overlapping bursts	Small arms	27.14 12.51
	3-4km WSW	Heard 9 undetermined explosions	-	27 May, 12:51
	2-4km WSW	Heard 6 undetermined explosions	N/K	27 May, 12:52-12:53
	2-3km WSW	Heard 2 undetermined explosions	-	27 May, 12:55
	2.41 11/031/	Heard 5 undetermined explosions		27 May, 13:01
	2-4km WSW	Heard 7 shots	Small arms	27 May, 15:12-15:14
	1-2km W	Heard 3 shots Heard 1 burst		27 May, 15:19 28 May, 09:52
	2-3km W	Heard 10 shots	Small arms	28 May, 09:55-10:18
	3-5km W	Heard 1 undetermined explosion		28 May, 11:17
	7-10km	Heard 1 undetermined expression	-	26 May, 11.17
	WSW	Heard 1 undetermined explosion	N/K	28 May, 11:46
	3-5km WNW	Heard 1 undetermined explosion		20 M 12 00
	2-3km WSW	Heard 6 shots		28 May, 12:00
	2 51 WCW	Heard 10 shots		28 May, 12:01
	3-5km WSW	Heard at least 22 shots	Small arms	28 May, 12:10
	5-7km WSW	Heard 16 shots		29 May 12.12
	3-/KIII W S W	Heard 10 bursts		28 May, 12:12
	3-5km WSW	Heard 20 shots	HMG	28 May, 12:16
	3-5km W	Heard 2 undetermined explosions	N/K	28 May, 12:37-13:07
	3-5km NNW	Heard 20 bursts	Small arms	28 May, 13:20
	3-3KIII TVIV VV	Heard 2 shots	Sman arms	28 May, 13:25-13:35
	3-5km NNE	Heard 4 undetermined explosions		28 May, 13:40
	3-5km W	Heard 4 undetermined explosions		28 May, 13:47-14:07
	3-5km SW	Heard 1 undetermined explosion		28 May, 14:23
	3-5km NW	Heard 1 undetermined explosion	N/K	28 May, 14:26
	3-5km W	Heard 1 undetermined explosion		28 May, 14:32
	2-4km W	Heard 1 undetermined explosion		28 May, 14:33
	3-5km W	Heard 16 undetermined explosions		28 May, 14:42-15:10
		Heard uncountable overlapping bursts		28 May, 14:45-14:46
		and shots	<u> </u> 	20114), 11110 11110
		Heard uncountable overlapping bursts		28 May, 14:50-14:52
		and shots	Small arms	3,
	2-3km W	Heard uncountable overlapping bursts		28 May, 14:53-14:56
		and shots	<u> </u>	•
		Heard uncountable overlapping bursts		28 May, 15:05-15:08
		and shots Heard uncountable overlapping bursts		
		and shots	HMG	28 May, 15:05-15:08
	3-4km N	Heard uncountable overlapping bursts	Small arms	28 May, 15:08-15:09
	3 4KIII 1 V	and shots Heard 2 undetermined explosions	N/K	28 May, 15:10
		Heard 20 bursts	Small arms	28 May, 15:10
		Heard 3 undetermined explosions	N/K	28 May, 15:11
		Heard uncountable overlapping bursts		
		and shots	Small arms	28 May, 15:11-15:12
	2-4km W	Heard 13 undetermined explosions	N/K	28 May, 15:13
	,,	Heard 20 shots	Small arms	28 May, 15:20
		Heard 1 undetermined explosion	N/K	28 May, 15:25
		Heard 10 bursts	Small arms	28 May, 15:25
		Heard 4 undetermined explosions	N/K	28 May, 15:26-15:49
		Heard 6 shots	Small arms	28 May, 15:38
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Donetsk central	3-5km W	Heard 1 undetermined explosion	N/K	27 May, 14:17
railway station	3-5km W	Heard 5 undetermined explosions		27 May, 14:47-14:55
("DPR"-controlled,	2-3km NNE	Heard 20 bursts (2-3 shots each)	Small arms	27 May, 14:47-14:55
6km NW of Donetsk	3-5km NW	Heard 12 bursts	HMG	27 May, 15:06
city centre)	3-5km N	Heard 69 bursts	TIMO	27 May, 15:13-15:32
	3-5km N	Heard 21 shots	Small arms	27 May, 15:13-15:32
	3km NNW	Heard 58 shots	Small arms	27 May, 15:42-15:52
	3km NNW	Heard 27 shots	HMG	27 May, 15:44-15:54
	3km W	Heard 19 shots	Small arms	27 May, 15:39-15:58
	4-5km W	Heard 1 undetermined explosion	N/K	27 May, 15:56
	2km N	Heard 13 bursts	Small arms	27 May, 16:07
	1.5km WNW	Heard 5 shots		27 May, 16:10
	1.5km WNW	Heard 2 bursts	Small arms	27 May, 16:12
	2km N	Heard 7 bursts	Small arms	27 May, 16:14
	5-6km NNE	Heard 20 undetermined explosions	N/K	28 May, 15:11-15:19
	2-4km N	Heard uncountable overlapping bursts	Small arms	28 May, 15:19-15:20
	2-4KIII IV	and shots		•
	3-5km N	Heard 4 bursts	Small arms	28 May, 15:21
	2-4km N	Heard uncountable overlapping bursts	HMG	28 May, 15:23-15:25
	2-4km N	Heard 1 undetermined explosion	N/K	28 May, 15:23
	2-3km N	Heard 1 undetermined explosion	Mortar (type N/K)	28 May, 15:26
	2-4km N	Heard 18 shots	Small arms	28 May, 15:32-15:33
	2-4km N	Heard 3 undetermined explosions	Mortar (type N/K)	28 May, 15:33-15:45
	2-4km N	Heard 5 shots	Small arms	28 May, 15:34
	2-4km WNW	Heard 8 shots	Silian arins	28 May, 16:01
Oleksandrivka	1-2km W	Heard 3 shots		28 May, 11:19-11:43
("DPR"-controlled,			Small arms	
20km SW of	1-2km SE	Heard 1 shot	Siliali arilis	28 May, 12:10
Donetsk)				
SMM camera at		Recorded 1 undetermined explosion		26 May, 20:55
Shyrokyne (20km E		Recorded 2 undetermined explosions		26 May, 20:57
of Mariupol)		Recorded 5 tracers from W to E		26 May, 20:58
		Recorded 2 undetermined explosions		26 May, 21:05
		Recorded 1 undetermined explosion		26 May, 21:07
		Recorded 32 tracers from W to E		26 May, 21:17
		Recorded 1 undetermined explosion		26 May, 21:20
		Recorded 40 tracers from W to E		26 May, 21:22
		Recorded 28 tracers from W to E		26 May, 21:25
		Recorded 4 tracers from W to E		
		Recorded 9 tracers from E to W		26 May, 21:26
	NI/IZ NINIE	recorded y tracers from E to 11		
	N/K NNE	Recorded 2 undetermined explosions	N/K	, , , , ,
	N/K NNE		N/K	
	N/K NNE	Recorded 2 undetermined explosions	N/K	26 May, 21:29
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E	N/K	26 May, 21:29
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions	N/K	
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E	N/K	26 May, 21:29
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions	N/K	26 May, 21:29 26 May, 21:31 26 May, 21:32
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion	N/K	26 May, 21:29 26 May, 21:31
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 57 tracers from W to E	N/K	26 May, 21:29 26 May, 21:31 26 May, 21:32
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 57 tracers from W to E Recorded 3 undetermined explosions	N/K	26 May, 21:29 26 May, 21:31 26 May, 21:32 26 May, 21:33
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 57 tracers from W to E Recorded 3 undetermined explosions Recorded 43 tracers from W to E Recorded 43 tracers from W to E Recorded 21 tracers from W to E	N/K	26 May, 21:29 26 May, 21:31 26 May, 21:32 26 May, 21:33 26 May, 21:36
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 57 tracers from W to E Recorded 3 undetermined explosions Recorded 43 tracers from W to E	Anti-aircraft cannon	26 May, 21:29 26 May, 21:31 26 May, 21:32 26 May, 21:33
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 57 tracers from W to E Recorded 3 undetermined explosions Recorded 43 tracers from W to E Recorded 43 tracers from W to E Recorded 21 tracers from W to E Recorded 6 undetermined explosions		26 May, 21:29 26 May, 21:31 26 May, 21:32 26 May, 21:33 26 May, 21:36
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 57 tracers from W to E Recorded 3 undetermined explosions Recorded 43 tracers from W to E Recorded 43 tracers from W to E Recorded 21 tracers from W to E Recorded 6 undetermined explosions	Anti-aircraft cannon	26 May, 21:29 26 May, 21:31 26 May, 21:32 26 May, 21:33 26 May, 21:36 - 26 May, 21:38
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 57 tracers from W to E Recorded 3 undetermined explosions Recorded 43 tracers from W to E Recorded 21 tracers from W to E Recorded 6 undetermined explosions Recorded 13 tracers from W to E	Anti-aircraft cannon	26 May, 21:29 26 May, 21:31 26 May, 21:32 26 May, 21:33 26 May, 21:36
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 57 tracers from W to E Recorded 3 undetermined explosions Recorded 43 tracers from W to E Recorded 21 tracers from W to E Recorded 6 undetermined explosions Recorded 13 tracers from W to E Recorded 13 tracers from W to E	Anti-aircraft cannon	26 May, 21:29 26 May, 21:31 26 May, 21:32 26 May, 21:33 26 May, 21:36 - 26 May, 21:38
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 57 tracers from W to E Recorded 3 undetermined explosions Recorded 43 tracers from W to E Recorded 21 tracers from W to E Recorded 6 undetermined explosions Recorded 13 tracers from W to E Recorded 31 tracers from W to E Recorded 31 tracers from W to E	Anti-aircraft cannon	26 May, 21:29 26 May, 21:31 26 May, 21:32 26 May, 21:33 26 May, 21:36 26 May, 21:38
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 57 tracers from W to E Recorded 3 undetermined explosions Recorded 43 tracers from W to E Recorded 21 tracers from W to E Recorded 6 undetermined explosions Recorded 13 tracers from W to E Recorded 31 tracers from W to E Recorded 51 tracers from W to E	Anti-aircraft cannon	26 May, 21:29 26 May, 21:31 26 May, 21:32 26 May, 21:33 26 May, 21:36 26 May, 21:38 26 May, 21:43 26 May, 22:23
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 57 tracers from W to E Recorded 3 undetermined explosions Recorded 43 tracers from W to E Recorded 21 tracers from W to E Recorded 6 undetermined explosions Recorded 13 tracers from W to E Recorded 31 tracers from W to E Recorded 31 tracers from W to E Recorded 31 tracers from W to E Recorded 51 tracers from W to E Recorded 51 tracers from W to E Recorded 51 tracers from W to E	Anti-aircraft cannon	26 May, 21:29 26 May, 21:31 26 May, 21:32 26 May, 21:33 26 May, 21:36 26 May, 21:38 26 May, 21:43 26 May, 22:23 26 May, 22:29
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 57 tracers from W to E Recorded 3 undetermined explosions Recorded 43 tracers from W to E Recorded 21 tracers from W to E Recorded 6 undetermined explosions Recorded 13 tracers from W to E Recorded 31 tracers from W to E Recorded 3 undetermined explosions Recorded 51 tracers from W to E Recorded 51 tracers from W to E Recorded 11 undetermined explosion Recorded 12 undetermined explosion Recorded 13 undetermined explosion	Anti-aircraft cannon (ZU-23, 23mm)	26 May, 21:29 26 May, 21:31 26 May, 21:32 26 May, 21:33 26 May, 21:36 26 May, 21:38 26 May, 21:43 26 May, 22:23 26 May, 22:29 26 May, 22:32 26 May, 22:32 26 May, 22:33
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosions Recorded 57 tracers from W to E Recorded 3 undetermined explosions Recorded 43 tracers from W to E Recorded 21 tracers from W to E Recorded 6 undetermined explosions Recorded 13 tracers from W to E Recorded 31 tracers from W to E Recorded 3 undetermined explosions Recorded 51 tracers from W to E Recorded 1 undetermined explosions Recorded 1 undetermined explosion Recorded 1 undetermined explosion Recorded 2 undetermined explosion Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 1 undetermined explosions Recorded 1 tracers from W to E	Anti-aircraft cannon (ZU-23, 23mm)	26 May, 21:29 26 May, 21:31 26 May, 21:32 26 May, 21:33 26 May, 21:36 26 May, 21:38 26 May, 21:43 26 May, 22:23 26 May, 22:29 26 May, 22:32
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 57 tracers from W to E Recorded 3 undetermined explosions Recorded 43 tracers from W to E Recorded 6 undetermined explosions Recorded 13 tracers from W to E Recorded 31 tracers from W to E Recorded 31 tracers from W to E Recorded 31 tracers from W to E Recorded 3 undetermined explosions Recorded 51 tracers from W to E Recorded 1 undetermined explosion Recorded 1 undetermined explosion Recorded 2 undetermined explosion Recorded 2 undetermined explosions Recorded 12 tracers from W to E Recorded 8 undetermined explosions	Anti-aircraft cannon (ZU-23, 23mm)	26 May, 21:29 26 May, 21:31 26 May, 21:32 26 May, 21:33 26 May, 21:36 26 May, 21:38 26 May, 21:43 26 May, 22:23 26 May, 22:29 26 May, 22:32 26 May, 22:33 26 May, 22:33 26 May, 22:34
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 57 tracers from W to E Recorded 3 undetermined explosions Recorded 43 tracers from W to E Recorded 6 undetermined explosions Recorded 13 tracers from W to E Recorded 31 tracers from W to E Recorded 31 tracers from W to E Recorded 31 tracers from W to E Recorded 3 undetermined explosions Recorded 51 tracers from W to E Recorded 1 undetermined explosion Recorded 1 undetermined explosion Recorded 1 undetermined explosion Recorded 2 undetermined explosions Recorded 12 tracers from W to E Recorded 8 undetermined explosions Recorded 8 undetermined explosions Recorded 2 undetermined explosions	Anti-aircraft cannon (ZU-23, 23mm)	26 May, 21:29 26 May, 21:31 26 May, 21:32 26 May, 21:33 26 May, 21:36 26 May, 21:38 26 May, 21:43 26 May, 22:23 26 May, 22:29 26 May, 22:32 26 May, 22:33 26 May, 22:34 26 May, 22:34
	N/K NNE	Recorded 2 undetermined explosions Recorded 15 tracers from W to E Recorded 2 undetermined explosions Recorded 2 tracers from W to E Recorded 2 undetermined explosions Recorded 1 undetermined explosion Recorded 57 tracers from W to E Recorded 3 undetermined explosions Recorded 43 tracers from W to E Recorded 6 undetermined explosions Recorded 13 tracers from W to E Recorded 31 tracers from W to E Recorded 31 tracers from W to E Recorded 31 tracers from W to E Recorded 3 undetermined explosions Recorded 51 tracers from W to E Recorded 1 undetermined explosion Recorded 1 undetermined explosion Recorded 2 undetermined explosion Recorded 2 undetermined explosions Recorded 12 tracers from W to E Recorded 8 undetermined explosions	Anti-aircraft cannon (ZU-23, 23mm)	26 May, 21:29 26 May, 21:31 26 May, 21:32 26 May, 21:33 26 May, 21:36 26 May, 21:38 26 May, 21:43 26 May, 22:23 26 May, 22:29 26 May, 22:32 26 May, 22:33 26 May, 22:33 26 May, 22:34

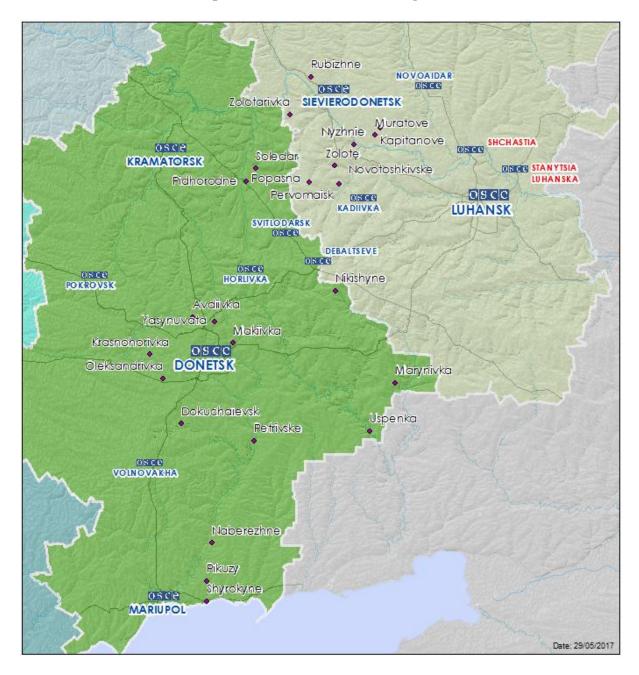
1	D 1100/ C W/ E		OCM 22.40
	Recorded 20 tracers from W to E		26 May, 22:40
	Recorded 7 tracers from E to W		26 May, 22:44
	Recorded 10 tracers from E to W		26 Mars 22.46
	Recorded 22 tracers from W to E Recorded 1 undetermined explosion		26 May, 22:46
	Recorded 20 tracers from W to E		
	Recorded 1 undetermined explosion		26 May, 22:50
	Recorded 2 tracers from W to E		26 May, 23:00
	Recorded 45 tracers from E to W		
	Recorded 6 tracers from the W to E		26 May, 23:01
	Recorded 2 tracers from W to E		2635 22.45
	Recorded 1 tracer from the E to W		26 May, 23:47
	Recorded 4 tracers from W to E		26 May, 23:58
	Recorded 11 tracers from W to E		27 May, 00:02
	Recorded 11 tracers from W to E		27 May, 00:23
	Recorded 1 undetermined explosion		27 May, 00:40
	Recorded 2 undetermined explosions		27 May, 00:41
	Recorded 15 tracers from W to E		
	Recorded 17 tracers from E to W		27 May, 00:52
	Recorded 1 tracer from W to E		27 May, 01:02
	Recorded 18 tracers from W to E		27 May, 01:03
	Recorded 1 undetermined explosion		27 May, 01:50
	Recorded 35 tracers from W to E		27 May, 01:59
	Recorded 23 tracers from W to E Recorded 3 rocket-assisted projectiles		27 May, 02:00
	from SE to NW		27 May, 02:21
	Recorded 6 tracers from W to E		27 May, 02:26
	Recorded 1 undetermined explosion		27 May, 02:29
	Recorded 1 burst (at least 15 shots)		
	from W to E		27 May, 02:33
	Recorded 4 tracers from W to E		27 May, 02:35
	Recorded 7 tracers from W to E		27 May, 02:37
N/K NNE	Recorded 1 rocket-assisted projectile from E to W	N/K	27 May, 21:21
	Recorded 1 rocket-assisted projectile		27 May, 21:32
	from E to W		25.16 21.24
	Recorded 1 tracer from W to E		27 May, 21:34
	Recorded 1 tracer from W to E		27 May, 21:35
	Recorded 1 rocket-assisted projectile		
	from E to W		27 May, 21:38
	Recorded 59 tracers from W to E		25.15 24.40
	Recorded 2 tracers from W to E		27 May, 21:40
	Recorded 1 rocket-assisted projectile		27 May, 21:46
	from E to W		
	Recorded 3 rocket-assisted projectile from E to W		27 May, 21:50
	Recorded 1 tracer from W to E		27 11143, 21.50
	Recorded 1 rocket-assisted projectile		27 May, 21:54
	from E to W		,, = 1.0 .
	Recorded 2 tracers from W to E		
	Recorded 4 rocket-assisted projectiles		27 May, 22:05
	from E to W		
	Recorded 1 rocket-assisted projectile		27 May, 22:09
	From E to W		27 May 22:11
	Recorded 23 rocket-assisted		27 May, 22:11
	projectiles from E to W Recorded 18 rocket-assisted		
	projectiles from E to W		27 May, 22:14
	Recorded 1 tracer from W to E		27 11103, 22.17
	Recorded 6 tracers from E to W		27 May, 22:25
	Recorded 3 tracers from W to E		
	Recorded 6 tracers from E to W		27 May, 22:28
	Recorded 22 tracers from E to W		-
		Ì	1 27 May 22.20
	Recorded 23 rocket-assisted	1	27 May, 22:30

	1	1	T	1
	N/Z NE	projectiles from E to W	-	20.14 00.27 00.26
	N/K NE	Recorded 50 tracers in vertical flight		28 May, 00:35-00:36
		Recorded 72 tracers from W to E		28 May, 00:43-00:44
		Recorded 7 tracers from E to W		28 May, 00:52
		Recorded 135 tracers from W to E		
		Recorded 12 tracers from E to W		28 May, 00:54
		Recorded 21 tracers from W to E		
		Recorded 11 tracers from W to E		
		Recorded 1 rocket-assisted projectile		28 May, 01:06
		from W to E		20 Way, 01.00
		Recorded 3 tracers from E to W		
		Recorded 107 tracers from W to E		28 May, 01:14-01:15
		Recorded 52 tracers from W to E		28 May, 01:16
		Recorded 3 tracers from E to W		28 May, 01:35
		Recorded 6 tracers from W to E		28 May, 02:40
		Recorded 27 tracers from W to E	1	28 May, 03:09
		Recorded 21 tracers from W to E		28 May, 03:13
		Recorded 17 tracers from W to E		28 May, 03:15
		Recorded 1 rocket-assisted projectile		28 May, 03:19
		from W to E		201114), 00115
		Recorded 3 tracers from W to E		28 May, 03:19
		Recorded 1 rocket-assisted projectile		28 May, 03:21
				20 May, 03.21
		from W to E Recorded 2 rocket-assisted projectiles	-	28 May, 03:22
		from W to E Recorded 2 rocket-assisted projectiles	-	28 May, 03:25
		from W to E		-
		Recorded 27 tracers from W to E		28 May, 03:33
		Recorded 35 tracers from W to E		28 May, 03:35
		Recorded 27 tracers from W to E		28 May, 03:38
3km NW of Lebedynske	5-6km E	Heard 1 undetermined explosion		27 May, 12:35
(government-	7km ESE	Heard 2 undetermined explosions	N/K	27 May, 12:46
controlled, 16km NE	/ KIII ESE	Ticara 2 undeterminea explosions	1771	27 May, 12.40
of Mariupol)				
1.5km S of				
Lebedynske	5-7km E	Heard 1 explosion	N/K	27 May, 13:12
1km N of Zaichenko	3-4km W	Heard and saw 4 airbursts	N/K	20 May 11.02
(government-	N/K NW	Heard 1 undetermined explosion	IN/IX	28 May, 11:03
	N/K N W	Heard 1 undetermined explosion		28 May, 11:21
controlled, 26km NE				
of Mariupol)	d ME	TT 10 1 1 1 1 1	31/17	20.15 12.76
3km NNE of	6km NE	Heard 2 undetermined explosions	N/K	28 May, 13:56
Hnutove				
(government-				
controlled, 20km NE				
of Mariupol				
Pikuzy (formerly	N/K S	Heard 3 undetermined explosions	N/K	28 May, 12:30
Kominternove,				
"DPR"-controlled,				
23km NE of				
Mariupol)				
Horlivka ("DPR"-		Heard 2 undetermined explosions	N/K	26 May 20.41
controlled, 39km NE		Heard 3 bursts	HMG	26 May, 20:41
of Donetsk)	5-6km W	Heard 20 bursts	Small arms	2634 2116
,		Heard 5 bursts	HMG	26 May, 21:16
		Heard 3 undetermined explosions		26 May, 21:18
	5-6km SW	Heard 4 undetermined explosions	N/K	26 May, 21:27-21:29
	5-6km W	Heard 19 bursts		26 May, 21:31
	J-UKIII VV		HMG	
	3-4km W	Heard 5 bursts	C11 -	26 May, 21:49
		Heard 6 bursts	Small arms	26 May, 21:55
		Heard 3 bursts	HMG	26 May, 22:05
		Heard 3 explosions (outgoing)	IFV (BMP-1) cannon	26 May, 22:06
	4-5km W	Heard 5 explosions (impacts)	AGI	26 May, 22:06
	4-5km W	Heard 5 explosions (impacts) Heard 6 explosions (impacts) Heard 2 explosions (outgoing)	AGL IFV (BMP-1) cannon	26 May, 22:06 26 May, 22:10 26 May, 22:11

Heard 1 explosion (outgoing)			T	1	1
No. No.			Heard 1 shot		26 May, 22:15
T-8km SW		4-5km SW	Heard 1 explosion (outgoing)		26 May, 22:26
Heard 2 explosions (outgoing)		7-8km SW	Heard 20 undetermined explosions	, ,	26 May, 22:33-22:34
Heard 2 suplosions (outgoing)		3-4km SW	Heard 6 bursts		26 May. 22:38
Heard 1 undetermined explosions N/K 27 May, 19:36 Heard 2 explosions (outgoing) Recoilless gun (SPG-9) Heard 1 explosion (outgoing) RPG 27 May, 19:36 Heard 1 explosion (outgoing) RPG 27 May, 19:36 Heard 1 explosion (outgoing) RPG 27 May, 19:36 Heard 1 explosion (outgoing) RPG 27 May, 19:50 Heard 3 explosions (outgoing) RPG 27 May, 19:50 Heard 3 explosions (outgoing) RPG 27 May, 19:50 Heard 3 undetermined explosions RPG 27 May, 20:01-20:03 Heard 4 undetermined explosions RPG 27 May, 20:01-20:03 Heard 5 undetermined explosions RPG 27 May, 20:01-20:03 Heard 4 undetermined explosions RPG RPG RPG RPG RPG RPG Heard 5 undetermined explosions RPG R		3 IKII 5 V			20 1114), 22.30
Heard 1 undetermined explosion N/K 27 May, 19:35 Heard 2 explosions (outgoing) Plear of 1 explosion (outgoing) PPG 27 May, 19:41 Heard 3 explosions (outgoing) PPG 27 May, 19:40 Heard 3 explosions (outgoing) PPG 27 May, 19:50 Heard 3 undetermined explosions PPG 27 May, 20:00 Heard 4 undetermined explosions PPG 27 May, 20:00 Heard 5 undetermined explosions PPG 27 May, 20:00 PPG 27 May, 20:00 28 May, 20:00 29 May, 20:00 PPG 27 May, 20:00 29 May, 20:00 29 May, 20:00 29 May, 20:00 PPG 27 May, 20:00 29 May, 20:				N/K	
Heard 3 explosions (outgoing)		4-0Km W		N/K	
Heard 1 explosion (outgoing)			•	Recoilless gun (SPG-	
Heard 3 explosions (outgoing)				IFV (BMP-1) cannon	
Heard 3 explosions (outgoing)		7-8km SW			
Svitlodarsk (government-controlled, 57km NE (government-controlled, 57km NE of Donetsk)		7-OKIII S VV		IFV (BMP-1) cannon	
Heard 3 undetermined explosions N/K 27 May, 22:01			11 0	Small arms	27 May, 20:01-20:03
Heard 1 undetermined explosion 27 May, 22:44				NI/IZ	27 M 22-01
Svitlodarsk (government controlled, 57km NE of Donetsk)				N/K	
Government-controlled, 77km NE Heard 4 undetermined explosions N/K 26 May, 19:40	0 1 1 1				
Controlled, 57km NE		5-7 km SE		N/K	
of Donetsk) 7-8 km SW Heard 3 undetermined explosions N/K 26 May, 19:55 9-10 km NW Heard 4 undetermined explosions N/K 26 May, 22:18 5-6 km SW Heard 4 undetermined explosion 26 May, 22:21 5-7 km SE Heard 1 undetermined explosions 126 May, 23:30 7-8 km NW Heard 5 undetermined explosions 26 May, 23:00 3-4 km SE Heard 2 undetermined explosions 27 May, 01:50 2-3 km SW Heard 2 bursts 40 May, 02:21 2-3 km NB Heard 2 bursts 40 May, 02:21 2-3 km NB Heard 2 bursts 47 May, 01:50 5-7 km NB Heard 3 undetermined explosions N/K 27 May, 01:50 5-7 km NB Heard 3 undetermined explosion N/K 27 May, 02:21 4-6 km E Heard 1 undetermined explosions N/K 27 May, 21:49 4-6 km E Heard 2 undetermined explosions N/K 27 May, 21:47-21:49 Heard 3 undetermined explosions N/K 27 May, 22:02 4-6km E Heard 8 bursts HMG 27 May, 22:02 5-7km NE Hea		2.21		In Co	
S-10 km NW	,			HMG	•
S-10 km NW Heard 4 undetermined explosions S-6 km SW Heard 4 bursts HMG 26 May, 22:31	of Donetsk)			N/K	
S-7 km SE					
T-8 km SE			I .	HMG	
7-8 km NW					
1-8 km NW		7-8 km SE		N/K	26 May, 23:00
2-3 km SW		7-8 km NW		1 1 / K	26 May, 23:05
2-3 km SE		3-4 km SE	Heard 2 undetermined explosions		
2-3 km NE		2-3 km SW	Heard 5 bursts	IIMC	27 May, 01:53
5-7 km NNE Heard 3 undetermined explosions N/K 27 May, 04:15 6-7km SW Heard 1 undetermined explosion 27 May, 12:49 4-6 km E Heard 6 bursts HMG 27 May, 21:18 Heard 2 undetermined explosions N/K 27 May, 21:46 Heard 15 bursts HMG 27 May, 21:47-21:49 Heard 12 bursts HMG 27 May, 22:00 5-7 km NE Heard 2 undetermined explosions N/K 27 May, 22:01 4-6km E Heard 8 bursts HMG 27 May, 22:02-22:04 5-7km NE Heard 3 undetermined explosions 27 May, 22:02-22:04 5-7km NE Heard 4 undetermined explosions 27 May, 23:34 6-8km NE Heard 4 undetermined explosions 27 May, 23:34 6-8km NE Heard 17 undetermined explosions 27 May, 23:34-23:37 6-8km E Heard 3 bursts HMG 27 May, 23:34-23:37 5-6km E Heard 7 undetermined explosions N/K 28 May, 00:52-00:53 4-6km E Heard 6 undetermined explosions 28 May, 00:57 5-7km NE Heard 1 undetermined explosions 28 May, 00		2-3 km SE	Heard 2 bursts	HMG	27 May, 02:21
S-7 km NNE		2-3 km NNE	Heard 25 explosions (outgoing)		27 May, 03:40-03:50
Heard 6 bursts		5-7 km NNE		N/K	27 May, 04:15
Heard 6 bursts		6-7km SW			
Heard 2 undetermined explosions N/K 27 May, 21:46 Heard 15 bursts HMG 27 May, 21:47-21:49 Heard 12 bursts HMG 27 May, 22:00 5-7 km NE Heard 2 undetermined explosions N/K 27 May, 22:01 Heard 3 undetermined explosions N/K 27 May, 22:02 4-6km E Heard 8 bursts HMG 27 May, 22:02-22:04 5-7km NE Heard 3 undetermined explosions N/K 27 May, 22:02-22:04 6-8km NE Heard 4 undetermined explosions 12 May, 22:05 6-8km NE Heard 4 undetermined explosions 12 May, 23:34 6-8km NE Heard 17 undetermined explosions 12 May, 23:35-23:37 6-8km E Heard 3 bursts HMG 27 May, 23:41 5-6km SE Heard 7 undetermined explosions N/K 28 May, 00:52-00:53 4-6km E Heard 6 undetermined explosions 28 May, 00:55 4-km SE Heard 1 undetermined explosions 28 May, 00:57 5-7km NE Heard 9 undetermined explosions 28 May, 00:57 4-5km E Heard 15 bursts HMG 28 May, 01:19 Heard 11 undetermined explosions N/K 28 May, 01:22-01:25 4-5km SE Heard 4 bursts HMG 28 May, 01:22-01:25 4-5km SE Heard 4 bursts HMG 28 May, 01:22-01:25		4-6 km E	Heard 6 bursts	HMG	
Heard 15 bursts				N/K	
Heard 12 bursts					
5-7 km NE Heard 2 undetermined explosions Heard 3 undetermined explosions N/K 27 May, 22:01 4-6km E Heard 8 bursts HMG 27 May, 22:02-22:04 5-7km NE Heard 3 undetermined explosions N/K 27 May, 22:05-22:04 6-8km NE Heard 4 undetermined explosions 27 May, 22:05 6-8km NE Heard 17 undetermined explosions 27 May, 23:34-23:37 6-8km NE Heard 3 bursts HMG 27 May, 23:38-23:40 3-5km E Heard 3 bursts HMG 27 May, 23:34-23:40 5-6km SE Heard 7 undetermined explosions N/K 28 May, 00:52-00:53 4-6km E Heard 6 undetermined explosions N/K 28 May, 00:55 4- km SE Heard 1 undetermined explosions 28 May, 00:57 5-7km NE Heard 15 bursts HMG 28 May, 01:15 4-6km SE Heard 2 undetermined explosions N/K 28 May, 01:19 4-6km SE Heard 2 undetermined explosions N/K 28 May, 01:22-01:25 4-5km SE Heard 4 bursts HMG 28 May, 01:22-01:25					
Heard 3 undetermined explosions 27 May, 22:02		5-7 km NE			27 May, 22:01
4-6km E Heard 8 bursts HMG 27 May, 22:02-22:04 5-7km NE Heard 3 undetermined explosions N/K 27 May, 22:05 6-8km NE Heard 4 undetermined explosions 27 May, 23:34 6-8km NE Heard 17 undetermined explosions 27 May, 23:35-23:37 3-5km E Heard 3 bursts HMG 27 May, 23:38-23:40 5-6km SE Heard 7 undetermined explosions N/K 28 May, 00:52-00:53 4-6km E Heard 6 undetermined explosions 28 May, 00:55 4- km SE Heard 1 undetermined explosions 28 May, 00:57 5-7km NE Heard 9 undetermined explosions 28 May, 01:07-01:11 4-5km E Heard 2 undetermined explosions N/K 28 May, 01:15 4-6km SE Heard 2 undetermined explosions N/K 28 May, 01:19 Heard 11 undetermined explosions N/K 28 May, 01:22-01:25 4-5km SE Heard 4 bursts HMG 28 May, 01:22-01:25					
6-8km NE		4-6km E		HMG	
Heard 8 undetermined explosions 27 May, 23:35-23:37		5-7km NE	Heard 3 undetermined explosions	N/K	27 May, 22:05
6-8km NE Heard 17 undetermined explosions 27 May, 23:38-23:40 3-5km E Heard 3 bursts HMG 27 May, 23:41 5-6km SE Heard 7 undetermined explosions N/K 28 May, 00:52-00:53 4-6km E Heard 6 undetermined explosions 28 May, 00:55 4- km SE Heard 1 undetermined explosions 28 May, 00:57 5-7km NE Heard 9 undetermined explosions 28 May, 01:07-01:11 4-5km E Heard 15 bursts HMG 28 May, 01:15 4-6km SE Heard 2 undetermined explosions N/K 28 May, 01:19 Heard 11 undetermined explosions HMG 28 May, 01:22-01:25 4-5km SE Heard 4 bursts HMG 28 May, 01:22-01:25		6-8km NE	Heard 4 undetermined explosions		27 May, 23:34
3-5km E			Heard 8 undetermined explosions		27 May, 23:35-23:37
5-6km SE Heard 7 undetermined explosions N/K 28 May, 00:52-00:53 4-6km E Heard 6 undetermined explosions 28 May, 00:55 4- km SE Heard 1 undetermined explosion 28 May, 00:57 5-7km NE Heard 9 undetermined explosions 28 May, 01:07-01:11 4-5km E Heard 15 bursts HMG 28 May, 01:15 4-6km SE Heard 2 undetermined explosions N/K 28 May, 01:19 Heard 11 undetermined explosions 28 May, 01:22-01:25 4-5km SE Heard 4 bursts HMG 28 May, 01:28		6-8km NE	Heard 17 undetermined explosions		27 May, 23:38-23:40
5-6km SE Heard 7 undetermined explosions N/K 28 May, 00:52-00:53 4-6km E Heard 6 undetermined explosions 28 May, 00:55 4- km SE Heard 1 undetermined explosion 28 May, 00:57 5-7km NE Heard 9 undetermined explosions 28 May, 01:07-01:11 4-5km E Heard 15 bursts HMG 28 May, 01:15 4-6km SE Heard 2 undetermined explosions N/K 28 May, 01:19 Heard 11 undetermined explosions 28 May, 01:22-01:25 4-5km SE Heard 4 bursts HMG 28 May, 01:28		3-5km E	Heard 3 bursts	HMG	27 May, 23:41
4-6km E Heard 6 undetermined explosions 28 May, 00:55 4- km SE Heard 1 undetermined explosion 28 May, 00:57 5-7km NE Heard 9 undetermined explosions 28 May, 01:07-01:11 4-5km E Heard 15 bursts HMG 28 May, 01:15 4-6km SE Heard 2 undetermined explosions N/K 28 May, 01:19 Heard 11 undetermined explosions 28 May, 01:22-01:25 4-5km SE Heard 4 bursts HMG 28 May, 01:28					
4- km SE Heard 1 undetermined explosion 28 May, 00:57 5-7km NE Heard 9 undetermined explosions 28 May, 01:07-01:11 4-5km E Heard 15 bursts HMG 28 May, 01:15 4-6km SE Heard 2 undetermined explosions N/K 28 May, 01:19 Heard 11 undetermined explosions 28 May, 01:22-01:25 4-5km SE Heard 4 bursts HMG 28 May, 01:28				1	
5-7km NE Heard 9 undetermined explosions 28 May, 01:07-01:11 4-5km E Heard 15 bursts HMG 28 May, 01:15 4-6km SE Heard 2 undetermined explosions N/K 28 May, 01:19 Heard 11 undetermined explosions 28 May, 01:22-01:25 4-5km SE Heard 4 bursts HMG 28 May, 01:28				†	
4-5km E Heard 15 bursts HMG 28 May, 01:15 4-6km SE Heard 2 undetermined explosions N/K 28 May, 01:19 Heard 11 undetermined explosions 28 May, 01:22-01:25 4-5km SE Heard 4 bursts HMG 28 May, 01:28					
4-6km SE Heard 2 undetermined explosions N/K 28 May, 01:19 Heard 11 undetermined explosions 28 May, 01:22-01:25 4-5km SE Heard 4 bursts HMG 28 May, 01:28				HMG	
Heard 11 undetermined explosions 28 May, 01:22-01:25 4-5km SE Heard 4 bursts HMG 28 May, 01:28					
4-5km SE		, okiii bil		1 1/1	
		4-5km SE	Heard 4 bursts		28 May, 01:28
Heard 3 undetermined explosions N/K 28 May, 01:29				N/K	
4-6km NE Heard 24 undetermined explosions 28 May, 01:32-01:36				_	
3-5km SE Heard 17 undetermined explosions 28 May, 01:59-02:01		3-5km SE			
Heard 3 undetermined explosions 28 May, 03:09					
4-6km SE Heard 7 explosions 28 May, 03:11-03:12					
3-5 km E Heard 12 bursts HMG 28 May, 03:19					
4-6 km SE Heard 9 undetermined explosions N/K 28 May, 03:24-03:25					
S edge of Popasna 1.5-2km S Heard 1 explosion (outgoing) Recoilless gun (SPG- 27 May, 12:35		1.5-2km S	Heard 1 explosion (outgoing)		27 May, 12:35
(government- 9)	(government-			9)	

controlled, 69km W of Luhansk)				
1.5km W of Zolote-4 (government- controlled, 60km NW of Luhansk)	3-5km WSW	Heard 1 undetermined explosion (assessed as outside the disengagement area)	N/K	28 May, 09:16
3 km N of Pervomaisk ("LPR"- controlled, 58km W	4km W	Heard 14 undetermined explosions (assessed as outside the disengagement area)	N/K	28 May, 11:02-11:51
of Luhansk)	2km W	Heard 1 shot (assessed as outside the disengagement area)	Small arms	28 May 11:12
		Heard 6 shots (assessed as outside the disengagement area)		28 May 11:28
2.5km S of Muratove (government- controlled, 51km NW of Luhansk)	5km S	Heard 25 shots and 3 bursts	HMG	28 May, 11:10-11:22

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