SMM position	Location of	Observation	Type of	Date/time
((DDD))	event		weapon/ammunition	
"DPR"-controlled Donetsk city centre	8-12 km NW	Heard 6 undetermined explosions	N/K	11 July, 23:20-23:24
SMM camera in		Recorded 1 explosion (impact)		11 July, 19:49
Avdiivka		Recorded 1 explosion (impact)		11 July, 20:00
(government-		Recorded 1 explosion (impact)		11 July, 22:44
controlled, 17km N of Donetsk)		Recorded 1 explosion (impact)		11 July, 22:51
of Donetsk)		Recorded 1 explosion (impact)	_	11 July, 00:30
	3-5 km ESE	Recorded 1 explosion (impact)	N/K	12 July, 04:38
		Recorded 1 explosion (impact)	-	12 July, 04:41
		Recorded 1 explosion (impact)		12 July, 06:34
		Recorded 1 explosion (impact) Recorded 3 explosions (impact)	-	12 July, 14:03 12 July, 14:04
		Recorded 1 explosion (impact)		12 July, 14:04 12 July, 14:06
		Recorded 1 explosion (impact)		12 July, 14:00
Avdiivka		Recorded T explosion (impact)		12 July, 14.27
(government- controlled, 17km N	2-4km SE	Heard 1 undetermined explosion		12 July, 10:27
of Donetsk)	3-5km SE	Heard 1 undetermined explosion		12 July, 11:11
	2-4km SE	Heard 1 undetermined explosion	N/K	12 July, 11:46
	3-5km S	Heard 1 undetermined explosion	IN/K	12 July, 12:01
		Heard 14 undetermined explosion	1	
	2-4km SE	(Possible overlapping with ceasefire violations reported from Yasynuvata)		12 July, 13:57-14:06
		Heard 3 bursts	HMG	
		Heard 7 shots	Small arms	
	2-4km S	Heard 1 undetermined explosion	N/K	12 July, 14:29
	2-4km SE	Heard 8 undetermined explosions		
		Heard 23 shots	Small arms	12 July, 15:02-15:11
		Heard 5 bursts	HMG	
Yasynuvata	3-5km W	Heard 1 undetermined explosion		12 July, 10:10
("DPR"-controlled,	2km W	Heard 3 explosions (outgoing)	N/K	12 July, 10:17-10:26
16km NE of	4-6km W	Heard 1 undetermined explosion		12 July, 11:06
Donetsk)	2-3km W	Heard 1 explosion (outgoing)		12 July, 11:12
	3-4km W	Heard 1 undetermined explosion		12 July, 12:00
		Heard 1 undetermined explosion		12 July, 12:19
		Heard 1 undetermined explosion		12 July, 12:29
		Heard 15 undetermined explosion		120019, 12022
	3-5km W	(Possible overlapping with ceasefire violations reported from Avdiivka)		12 July, 14:00-14:06
	1-2km W	Heard at least 20 bursts	- Small arms HMG	]
	1-2km WSW	Heard at least 30 shots		
		Heard 20 shots		
		TT 11 1. 1 1 1	N/K	- 12 July, 15:05-15:10
		Heard I undetermined explosion	1N/ K	
	1-3km W	Heard 1 undetermined explosion Heard at least 20 bursts	HMG	-

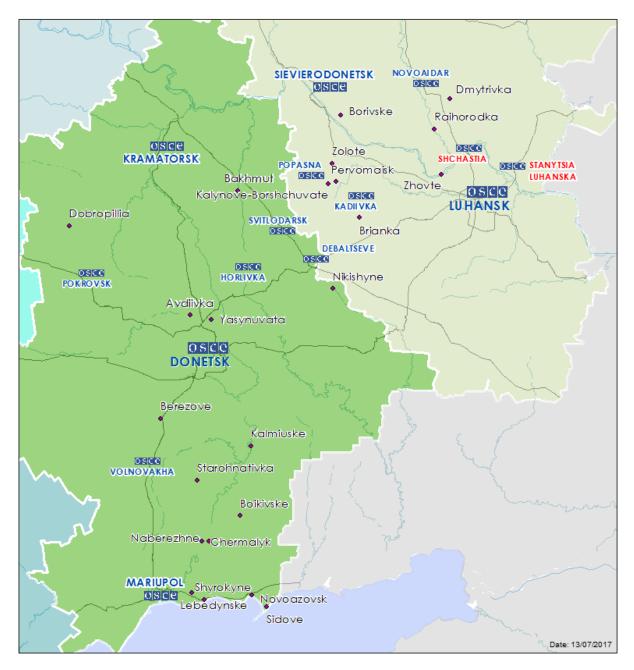
<sup>&</sup>lt;sup>1</sup> The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided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

controlled, 41km NE		exercise)		
of Donetsk)		exercise)		
SMM camera at	<u> </u>	Recorded 1 rocket-assisted projectile		11.1.1.01.02
Shyrokyne (20km E of Mariupol)		from W to E		11 July, 21:03
		Recorded 1 rocket-assisted projectile		11 July, 21:13
		from E to W		11 July, 21.15
		Recorded 1 rocket-assisted projectile		11 July, 21:15
		from E to W		11 0 alý, 21110
		Recorded 1 rocket-assisted projectile		11 July, 21:24
		from E to W Recorded 1 rocket-assisted projectile		• ·
		from E to W		11 July, 21:25
		Recorded 1 rocket-assisted projectile		
		from E to W		11 July, 21:26
		Recorded 6 tracers from E to W		11 0 alf, <b>21</b> 20
		Recorded 6 tracers from E to W		
		Recorded 7 tracers in vertical flight		11 July, 21:29
		Recorded 1 illumination flare from W		
		to E		11 July, 21:38
		Recorded 2 tracers from W to E	1	
		Recorded 4 tracers from E to W	1	11 July, 21:41
		Recorded 1 rocket-assisted projectile	1	
		from W to E		
		Recorded 1 rocket-assisted projectile		11 July, 21:44
		from E to W		
		Recorded 5 tracers from E to W		
		Recorded 1 rocket-assisted projectile		11 July, 21:46
	N/K N	from W to E	N/K	11 July, 21.40
		Recorded 1 rocket-assisted projectile		11 July, 21:48
		from E to W Recorded 1 rocket-assisted projectile		-
		from E to W		11 July, 21:52
		Recorded 3 tracers from W to E		11 July, 21:58
		Recorded 14 tracers from W to E		
		Recorded 1 undetermined explosion		11 July, 21:26-21:29
		Recorded 4 tracers from E to W		<i>,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		Recorded 2 tracers from W to E		
		Recorded 23 tracers from E to W		11 July, 22:00-22:01
		Recorded 2 tracers from W to E		
		Recorded 9 tracers from E to W		
		Recorded 1 illumination flare in		11 July, 22:02-22:04
		vertical flight		
		Recorded 4 tracers from W to E		11 July, 22:05-22:06
		Recorded 1 rocket-assisted projectile		-
		from E to W		11 July, 22:07
		Recorded 4 tracers from W to E		11 July 22.08 22.00
		Recorded 5 tracers from E to W		11 July, 22:08-22:09
		Recorded 6 tracers from W to E		11.1.1.00.10
		Recorded 3 tracers from E to W		11 July, 22:12
		Recorded 12 tracers from W to E		11.1.1. 00.10.00.14
		Recorded 31 tracers from E to W		11 July, 22:13-22:14
		Recorded 13 tracers from W to E		11 July, 22:18
		Recorded 2 tracers from E to W		
		Recorded 1 undetermined explosion		11 July, 22:23
		Recorded 25 tracers from W to E	1	11.1.1. 00.00.00.07
		Recorded 3 tracers from E to W	-	11 July, 22:33-22:35
		Recorded 2 rocket-assisted projectiles		11 July 22:29
		from E to W		11 July, 22:38
		Recorded 5 tracers from W to E		11 July 22.40 22.42
		Recorded 4 tracers from E to W		11 July, 22:40-22:42
		Recorded 4 tracers from E to W	1	11 July, 22:43

Recorded 1 undetermined explosion Recorded 1 tracer from W to E	
Recorded 4 tracers from E to W	11 July, 22:44
Recorded 4 tracers from E to W Recorded 6 tracers from E to W	11 July 22.46
Recorded 6 tracers from E to W Recorded 3 tracers from W to E	11 July, 22:46
Recorded 3 tracers from W to E Recorded 13 tracers from E to W	11 July, 22:52-22:53
Recorded 15 tracers from W to E	
Recorded 11 tracers from W to E Recorded 27 tracers from E to W	11 July, 22:54
Recorded 1 undetermined explosionRecorded 1 rocket-assisted projectile	11 July, 23:03-23:04
from W to E	11 July, 25.05-25.04
Recorded 11 tracers from W to E	
Recorded 9 tracers from E to W	11 July, 23:05-23:08
Recorded 5 tracers from W to E	11 July, 23:10
Recorded 5 tracers from E to W	11 July, 23:10
Recorded 9 tracers from W to E	11 July, 23.12
Recorded 1 illumination flare in	11 July, 23:15-23:16
vertical flight	110019, 20110 20110
Recorded 2 tracers from W to E	
Recorded 2 tracers from E to W	11 July, 23:18
Recorded 2 tracers from W to E	11 July, 23:20
Recorded 1 rocket-assisted projectile	-
from W to E	11 July, 23:24
Recorded 1 illumination flare	11 July, 23:31
Recorded 1 rocket-assisted projectile	11 July, 23:33
from E to W	11 July, 25.55
Recorded 5 tracers from E to W	
Recorded 1 rocket-assisted projectile	11 July, 23:44
from W to E Recorded 7 tracers from W to E	10.1.1.00.07
	12 July, 00:07
Recorded 1 rocket-assisted projectile from W to E	12 July, 00:32
Recorded 7 tracers from W to E	12 July, 00:33
Recorded 1 rocket-assisted projectile	-
from W to E	12 July, 00:36
Recorded 1 rocket-assisted projectile	
from E to W	12 July, 00:37
Recorded 9 tracers from W to E	
Recorded 3 tracers from W to E	12 July, 00:41-00:42
Recorded 3 tracers from E to W	12 July, 00.71-00.72
Recorded 5 tracers from W to E	12 July, 00:43-00:44
Recorded 3 tracers from E to W	12 July, 00.45-00.44
Recorded 5 tracers from W to E	
Recorded 2 rocket-assisted projectiles	12 July, 00:45-00:46
from E to W	
Recorded 3 tracers from E to W	12 July, 00:59
Recorded 3 tracers from E to W	12 July, 01:01
Recorded 2 rocket-assisted projectiles	12 July, 01:03
from E to W Recorded 2 rocket-assisted projectiles	-
from E to W	12 July, 01:05
Recorded 1 rocket-assisted projectile	10.1.1.01.07
from E to W	12 July, 01:07
Recorded 1 rocket-assisted projectile	
from E to W	12 July, 01:29
Recorded 1 rocket-assisted projectile	12 July, 01.29
from W to E	
Recorded 1 rocket-assisted projectile	12 July, 01:31
from W to E	12 July 01.46
Recorded 1 rocket-assisted projectile from E to W	12 July, 01:46

		Described 1 and determined combasion		10.1.1.01.57
		Recorded 1 undetermined explosion	-	12 July, 01:57
		Recorded 21 tracers from E to W	-	12 July, 02:08-02:10
		Recorded 3 tracers from W to E	-	12 July, 02:24
		Recorded 21 tracers from E to W		12 July, 02:25-02:26
		Recorded 3 tracers from W to E Recorded 9 tracers from E to W		12.1.1.02.20
		Recorded 2 tracers from E to W	-	12 July, 02:30
		Recorded 2 tracers from W to E	-	12 July, 02:33
		Recorded 1 rocket-assisted projectile	-	12 July, 02:43
		from E to W		
		Recorded 3 tracers from W to E		12 July, 03:17
		Recorded 10 tracers from W to E		12 July, 03:19
		Recorded 2 tracers from W to E		12 July, 03:24-03:25
		Recorded 2 rocket-assisted projectiles from E to W		12 July, 03:39-03:40
2.5km SE of			-	
Lebedynske (government- controlled, 16km NE of Mariupol)	1-2km NNE	Heard 5 undetermined explosions		12 July, 12:51-12:54
Svitlodarsk	3-5km SE	Heard 7 shots	Small arms	11 July, 21:40
(government-		Heard 7 shots		11 July, 21:43
controlled, 57km NE	8-10km SE	Heard 1 undetermined explosion	N/K	11 July, 21:45
of Donetsk)	3-5km SE	Heard 3 busts (3 rounds per burst)	Small arms	11 July, 21:46
	8-10km SE	Heard 1 undetermined explosion	N/K	11 July, 21:50
	3-5km SE 8-10km SE	Heard 3 busts (3 rounds per burst) Heard 1 undetermined explosion	Small arms N/K	11 July, 21:51
	3-5km SE	Heard 3 busts (3 rounds per burst)	Small arms	11 July, 21:52
	10-12km SE	Heard 2 undetermined explosion		11 July, 22:40
	8-10km SE	Heard 1 undetermined explosion	N/K	11 July, 22:41
	3-5km SE	Heard 3 busts (3 rounds per burst)	Small arms	12July, 01:15
	5-7km SE	Heard 1 undetermined explosion	-	12 July, 05:15
		Heard 1 undetermined explosion	N/K	12 July, 05:17
	8-10km SE	Heard 1 undetermined explosion		12 July, 05:18
SMM camera in	5-7km SE	Heard 6 undetermined explosion Recorded 3 undetermined explosions		12 July, 05:20-05:21 10 July, 21:33
Zolote (government-	6-8km E	(assessed as outside the		10 July, 21.55
controlled, 60km W	0 01111 2	disengagement area)		
of Luhansk)	3-5km ENE	Recorded 1 rocket-assisted projectile		10 July, 21:37
	5-5KIII EINE	from NW to SE	4	
	6-8km E	Recorded 2 undetermined explosions	-	10 July, 21:42
	7-9km ENE	Recorded 1 undetermined explosion	N/K	10 July, 22:13
		Recorded 3 undetermined explosions(assessed as outside the		10 July, 22:51
		disengagement area)		
	3-4km ENE	Recorded 1 rocket-assisted projectile	-	10 July, 22:55
		from NW to SE		
	5-4kii Litt	Recorded 1 rocket-assisted projectile		10 July, 23:16
Kadiivka (formerly		from NW to SE		11 July, 21:06-21:08
Stakhanov, "LPR"-				11 July, 21.00-21.08
controlled, 50km W	2km E	Heard 8 single shots	Small arms	
of Luhansk)				
2.5km S of Zhovte				12 July, 09:50
("LPR"-controlled,	10km NW	Heard 5 undetermined explosions	N/K	
17km NW of Luhansk)				
3km SE of		Heard 1 undetermined explosion		12 July, 11:20
Raihorodka	10km E	Heard 1 undetermined explosion Heard 1 undetermined explosion	1	12 July, 11:20
(government-		Heard 3 undetermined explosions	N/K	12 July, 11:32-11:35
controlled, 34km	15km N	(assessed as live-fire exercise)	11/12	
NW of Luhansk)				
Dmytrivka	11 N	Heard 5 shots (assessed as live-fire	IFV (BMP-1, 73mm)	12 July, 12:15-12:25
(government-	1km N	exercise)	$\Pi^{*}$ (Divit -1, 75mm)	

controlled, 43km N of Luhansk)	Heard 100-150 shots (assessed as live-fire exercise)	Small arms	
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## Map of Donetsk and Luhansk regions<sup>2</sup>

 $<sup>^2</sup>$  The SMM is deployed to ten locations throughout Ukraine – Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv – as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs, and forward patrol bases) in Donetsk and Luhansk regions. (In red: forward patrol bases from which SMM staff has temporarily relocated since 27 September 2016 based on recommendations of security experts from participating States.)