## Table of ceasefire violations as of 31 March 2017<sup>1</sup>

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
	7-10km W	Heard 33 undetermined explosions	•	30 March, 19:30-
			_	20:29 30 March, 20:32-
	8-10km NW	Heard 10 undetermined explosions		21:00
		Heard 20 undetermined explosions		30 March, 21:03-
				23:44
	7-10km W	Heard 2 undetermined explosions		31 March, 00:16
		Heard 2 undetermined explosions		31 March, 00:45- 00:47
	7 Ol NIW	II	_	31 March, 00:48-
"DPR"-controlled,	7-9km NW	Heard 3 undetermined explosions	N/K	00:50
Donetsk city centre	7-10km W	Heard 4 undetermined explosions	IN/K	31 March, 00:55
		Heard 2 undetermined explosions		31 March, 00:58
		Heard 1 undetermined explosion		31 March, 02:17
		Heard 1 undetermined explosion		31 March, 02:27
		Heard 2 undetermined explosions		31 March, 02:32- 02:33
	7-9km NW			31 March, 02:36-
		Heard 2 undetermined explosions		02:37
		Heard 1 undetermined explosion		31 March, 03:28
		Heard 1 undetermined explosion		31 March, 04:00
		Heard 1 undetermined explosion		31 March, 04:18
	4-5km ESE	Recorded 9 undetermined explosions	N/K	31 March, 17:44- 17:56
SMM camera in		Recorded 2 airbursts		31 March, 17:57-
Avdiivka (government-		Recorded 2 airbursts		17:58
controlled, 17km N		Recorded 18 undetermined explosions	TV/K	31 March, 17:58-
of Donetsk)				18:09 31 March, 18:10-
		Recorded 11 undetermined explosions		18:19
	6-10km NE	Recorded 1 air burst		30 March, 18:35
		Recorded 1 projectile from W to E		30 March, 19:35
		Recorded 19 projectiles from E to W		30 March, 19:45
		Recorded 3 projectiles from E to W		30 March, 19:46
		Recorded 2 projectiles from E to W		30 March, 19:47
		Recorded 2 projectiles from E to W		30 March, 19:49
		Recorded 1 projectile from W to E		-
		Recorded 2 projectiles from E to W		30 March, 19:50
SMM camera at		Recorded 3 projectiles from E to W		30 March, 19:51
Oktiabr mine (9km		Recorded 1 projectile from W to E	) I /IZ	30 March, 19:52
NW of Donetsk city	4-6km NE	Recorded 3 undetermined explosions	N/K	
centre)		Recorded 1 projectile from E to W		30 March, 19:53
		Recorded 3 projectiles from W to E Recorded 2 undetermined explosions		30 March, 19:54
		Recorded 1 projectile from W to E		-
		Recorded 3 projectiles from E to W		30 March, 19:55
		Recorded 6 projectiles from E to W		30 March, 19:56
		Recorded 7 projectiles from E to W		30 March, 20:03
		Recorded 2 projectiles from E to W		30 March, 20:04
		Recorded 4 projectiles from W to E		30 March, 20:08
		Recorded 4 projectiles from W to E		30 March, 20:09

<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.

		T		
		Recorded 1 projectile from E to W	_	20 M 1 20 10
		Recorded 1 projectile from E to W	4	30 March, 20:10
		Recorded 1 projectile from E to W		30 March, 20:11
		Recorded 1 projectile from W to E		
		Recorded 3 undetermined explosions  Recorded 1 projectile from E to W	_	30 March, 20:12
				20 March 20:16
		Recorded 1 projectile from E to W  Recorded 1 projectile from E to W		30 March, 20:16
		Recorded 2 projectiles from E to W		30 March, 20:17 30 March, 20:19
	5-7km NE	Recorded 1 projectile from E to W		
	6-8km NE	Recorded 2 projectiles from E to W		30 March, 20:20 30 March, 20:21
	0-0KIII INE	Recorded 2 projectiles from E to W		30 March, 20:22
		Recorded 9 projectiles from W to E		30 March, 20:32
		Recorded 1 projectile from W to E		30 March, 21:18
		Recorded 1 projectile from E to W		
		Recorded 40 projectiles from W to E		30 March, 21:45
		Recorded 1 undetermined explosion		
		Recorded 8 projectiles from W to E		30 March, 21:47
		Recorded 2 undetermined explosions		30 March, 21:49
		Recorded 5 projectiles from W to E	┪	30 March, 23:15
	4-6km NE	Recorded 1 undetermined explosion	╡	30 March, 23:16
		Recorded 2 projectiles from W to E	7	30 March, 23:47
		Recorded 1 undetermined explosion	7	
		Recorded 1 projectile from E to W	7	31 March, 00:32
		Recorded 1 projectile from E to W		31 March, 00:34
		Recorded 1 undetermined explosion		31 March, 00:56
		Recorded 1 projectile from E to W		31 March, 02:02
		Recorded 1 undetermined explosion		31 March, 02:35
		Recorded 5 undetermined explosions		31 March, 03:25
		Recorded 2 undetermined explosions		31 March, 03:48
	7-10km NE	Recorded 1 undetermined explosion		31 March, 11:19
NW edge of	15km NW	Heard 10 undetermined explosions	N/K	31 March, 13:45-
Debaltseve ("DPR"-	13KIII IN W	Treate To undetermined explosions	1V/ IX	14:15
controlled, 58km NE	5-8km SW	Heard 1 undetermined explosion	N/K	31 March, 14:12
of Donetsk)		•		<u> </u>
	1-3km SE	Heard 14 undetermined explosions	N/K	31 March, 10:31
		Heard 5 bursts Heard 13 undetermined explosions	HMG N/K	21 Manala 10.45
		Heard 14 bursts	HMG	31 March, 10:45- 11:15
		Heard 37 undetermined explosions	N/K	31 March, 11:15-
Avdiivka		Heard 15 bursts	HMG	11:45
(government-			IIIVIG	31 March, 11:45-
controlled, 17km N		Heard 30 undetermined explosions	N/K	12:00
of Donetsk)		Heard 38 undetermined explosions		31 March, 12:00-
		Heard 7 bursts	HMG	12:30
		Heard 11 undetermined explosions	N/K	31 March, 13:58-
		Heard 10 bursts	HMG	14:30
		Haard 14 undetermined explosions	HMG	31 March, 14:30-
		Heard 14 undetermined explosions	ПМО	15:00
	2-3km W	Heard 2 undetermined explosions		31 March, 09:08
	3-4km W	Heard 1 undetermined explosion		31 March, 09:26
	3-5km W	Heard 1 undetermined explosion	N/K	31 March, 10:34
	3-5km WSW	Heard 2 undetermined explosions		31 March, 10:35
		Heard 2 undetermined explosions	1	31 March, 10:37
	3-5km WSW	Heard 1 undetermined explosion	N/K	31 March, 10:46
Yasynuvata ("DPR"-	2-3km W	Heard 2 bursts	HMG	31 March, 10:49
controlled, 16km NE	2-3km W	Heard 1 undetermined explosion	NI/II	31 March, 10:54
of Donetsk)	2-3km N	Heard 1 undetermined explosion	N/K	31 March, 12:06
	3-5km SSW	Heard 2 undetermined explosions	C	31 March, 12:15
	3-5km WNW	Heard 5 shots	Small arms	31 March, 12:58
	3-5km SSW	Heard 10 shots	Anti-aircraft cannon	31 March, 13:41-
	1	Heard 10 shots	(ZU-23, 23mm)	13:43
	2 51rm WCW		NI/V	21 Morob 14.14
	3-5km WSW 3-5km SW	Heard 1 undetermined explosion Heard 4 shots	N/K Small arms	31 March, 14:14 31 March, 14:56

4km W of Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)  Recorded 4 rocket-assisted projectiles from W to E Recorded 10 tracer rounds from W to E Recorded 5 tracer rounds from W to E Recorded 44 tracer rounds from W to E Recorded 36 tracer rounds from W to E Recorded 37 tracer rounds from W to E Recorded 38 tracer rounds from W to E Recorded 39 tracer rounds from W to E	,19:31
from W to E  Recorded 10 tracer rounds from W to E  Recorded 65 tracer rounds from W to E  Recorded 7 tracer rounds from E to W  Recorded 44 tracer rounds from W to E  Recorded 36 tracer rounds from W to E  Recorded 34 tracer rounds from E to W  Recorded 34 tracer rounds from E to W  Recorded 34 tracer rounds from E to W	,19:32
Recorded 10 tracer rounds from W to E  Recorded 65 tracer rounds from W to E  Recorded 7 tracer rounds from E to W  Recorded 44 tracer rounds from W to E  Recorded 36 tracer rounds from W to E  Recorded 34 tracer rounds from E to W  Recorded 34 tracer rounds from E to W	
Recorded 65 tracer rounds from W to E  Recorded 7 tracer rounds from E to W  Recorded 44 tracer rounds from W to E  Recorded 36 tracer rounds from W to E  Recorded 34 tracer rounds from E to W	
Recorded 7 tracer rounds from E to W Recorded 44 tracer rounds from W to E Recorded 36 tracer rounds from W to E  Recorded 34 tracer rounds from E to W	.20:17
Recorded 44 tracer rounds from W to E  Recorded 36 tracer rounds from W to E  Recorded 34 tracer rounds from E to W	
Recorded 34 tracer rounds from E to W	, 20:20
Recorded 34 tracer rounds from E to W	, 20:34
	20.37
N/K NNE Recorded 9 tracer rounds from w to E N/K	
Recorded 4 tracer rounds from W to E 30 March,	20:39
Recorded 10 tracer rounds from E to W Recorded 2 tracer rounds from W to E	
Recorded 2 tracer rounds from E to W  30 March,	, 20:46
Recorded 26 tracer rounds from W to E	
Recorded 5 tracer rounds from E to W 30 March,	21:02
Recorded 19 tracer rounds from E to W 30 March,	
Recorded 42 tracer rounds from W to E 30 March,	, 21:15
Recorded 1 tracer round from E to W 30 March,	23:00
N/K N Recorded 2 tracer rounds from E to W  30 March,	23:03
Recorded 2 tracer rounds from E to W	25.05
Recorded 3 tracer rounds from E to W Recorded 1 tracer round from E to W 30 March,	, 23:37
Recorded 1 tracer rounds from E to W  Recorded 2 tracer rounds from E to W  30 March,	23:40
Recorded 2 tracer founds from E to W  Recorded 1 undetermined explosion  31 March,	
Recorded 1 rocket-assisted projectile	
from E to W 31 March,	, 00:27
Recorded 2 tracer rounds from E to W  31 March,	00:32-
Recorded 2 rocket-assisted projectiles 00.33	. 00.32-
SMM camera in from E to W	
Shyrokyne (20km E of Mariupol) Recorded 1 rocket-assisted projectile from E to W 30 March,	,00:49
of Mariupol)   from E to W   31 March,   31 March,	00.58-
Recorded 4 tracer rounds from E to W 01:01	00.56-
Recorded 2 tracer rounds from E to W. 31 March,	01:08-
01:09	
Recorded 2 tracer rounds from E to W 31 March,	
Recorded 9 tracer rounds from E to W 31 March,	01:35-
Recorded 2 tracer rounds from E to W N/K 01:37    N/K   01:37   31 March,	01:47
N/K NNE Recorded 2 tracer rounds from E to W 31 March,	
Recorded 9 tracer rounds from E to W 31 March,	
Recorded 12 tracer rounds from W to E 02:01	
Recorded 1 tracer round from E to W 31 March,	, 02:07
Recorded 32 tracer rounds from W to E 31 March,	, 02:08-
Recorded 1 tracer round from E to W 02:09	00.11
Recorded 92 tracer rounds from W to E Recorded 30 tracer rounds from E to W  31 March, 02:15	02:11-
Recorded 30 tracer rounds from E to W 02:15  Recorded 1 tracer round from E to W 31 March,	02:32
Recorded 16 tracer rounds from W to E	
Recorded 7 tracer rounds from E to W 31 March,	, 02:35
Recorded 125 tracer rounds from W to E 31 March,	, 02:37-
Recorded 8 tracer rounds from E to W 02:39	
Recorded 9 tracer rounds from W to E  31 March, 02:41	02:40-
	02:43-
Recorded 54 tracer rounds from W to E 31 March	, 04.15-
Recorded 54 tracer rounds from W to E  Recorded 3 tracer rounds from E to W  31 March, 02:46	-
Recorded 3 tracer rounds from E to W 02:46	, 02:48

Г	T	D 115	T	2136 1 02 70
		Recorded 5 tracer rounds from W to E	-	31 March, 02:58
1		Recorded 7 tracer rounds from W to E  Recorded 1 rocket-assisted projectile	1	31 March, 03:02
		from W to E		31 March,03:12
		Recorded 280 tracer rounds from W to E		
		Recorded 8 rocket-assisted projectiles		31 March, 03:31-
		from W to E		03:38
		Recorded 2 tracer rounds from E to W		
ļ		Recorded 10 rocket-assisted projectiles		31 March, 03:50-
		from W to E		03:55
		Recorded 48 tracer rounds from W to E		31 March, 04:01-
		Recorded 9 tracer rounds from E to W		04:02
		Recorded 18 tracer rounds from W to E		31 March, 04:05- 04:08
		Recorded 46 tracer rounds from W to E	-	31 March, 04:28-
		Recorded 8 tracer rounds from E to W		04:34
		Recorded 63 tracer rounds from W to E		31 March, 04:54-
		Recorded 14 tracer rounds from E to W		04:59
		Decorded 14 tracer rounds from E to W		31 March, 05:00-
ļ		Recorded 14 tracer rounds from E to W		05:01
ļ		Recorded 14 tracer rounds from E to W		31 March, 05:12
		Recorded 18 tracer rounds from W to E		31 March, 05:26-
			-	05:28 31 March, 05:29-
1		Recorded 19 tracer rounds from W to E		05:32
		Recorded 2 explosions (impacts)		31 March, 10:38
	N/K NE	Recorded 1 explosion (impact)		31 March, 10:40
		Recorded 1 explosion (impact)		31 March, 10:55
	N/K N	Recorded 1 explosion (impact)	N/K	31 March, 11:13
	N/K W	Recorded 1 explosion (impact)		31 March, 11:15
	N/K NNE	Recorded 1 explosion (impact)		31 March, 11:20
M 1	N/K NNE	Recorded 1 airburst		31 March, 15:25
Mariupol (government-	N/K N	Heard 1 undetermined explosion	N/K	31 March, 08:35
controlled, 102km S	IN/IX IN	Treate 1 undetermined explosion	IV/IX	31 Maich, 08.33
of Donetsk)				
1.6km SE of				
Lomakyne	4km E	Heard 3 undetermined explosions	N/K	31 March, 08:30
(government-	4KIII L	Treate 5 undetermined expressions	TV/IX	31 March, 00.30
controlled, 15km NE				
of Mariupol)		II1-551-4i1i	NI/IZ	
Lebedynske (government-	N/K E	Heard 55 undetermined explosions	N/K	31 March, 10:30-
controlled, 16km NE	IV/K E	Heard 2 bursts	HMG	10:55
of Mariupol)		Treat 2 outsis	Time	
•	2km E	Heard 20 explosions (outgoing)		31 March, 10:55-
1km N of Zaichenko	5-7km WSW	Heard 20 explosions (impacts) -related	Artillery (type N/K)	11:08
("DPR"-controlled,	- ' ' ' ' ' ' ' '	to above		11.00
26km NE of	2km E	Heard 1 explosion (outgoing)	NI/IZ	31 March, 11:11-
Mariupol)	N/K N	Heard 10 explosions (impacts) Heard 20 undetermined explosions	N/K	11:30
	N/K WSW N/K W	Heard 20 undetermined explosions Heard 30 explosions (outgoing)		
1	1 N/ IX VV	Heard 30 explosions (outgoing)  Heard 30 explosions (subsequent	1	31 March, 11:45-
				12:20
	4-6km NNW	impacts)		12.20
3km NE of	4-6km NNW N/K E	impacts) Heard 23 explosions (outgoing)		12.20
	N/K E	impacts) Heard 23 explosions (outgoing) Heard 23 explosions (subsequent		
Zaichenko ("DPR"-	N/K E 4-6km NNW	impacts) Heard 23 explosions (outgoing) Heard 23 explosions (subsequent impacts)	N/K	31 March, 12:20- 13:00
Zaichenko ("DPR"- controlled, 26km NE	N/K E 4-6km NNW 4-5km NNW	impacts)  Heard 23 explosions (outgoing)  Heard 23 explosions (subsequent impacts)  Heard and saw 4 explosions (impacts)	N/K	31 March, 12:20-
Zaichenko ("DPR"-	N/K E 4-6km NNW 4-5km NNW N/K N	impacts)  Heard 23 explosions (outgoing)  Heard 23 explosions (subsequent impacts)  Heard and saw 4 explosions (impacts)  Heard 4 undetermined explosions	N/K	31 March, 12:20-
Zaichenko ("DPR"-controlled, 26km NE	N/K E  4-6km NNW  4-5km NNW  N/K N  N/K W	impacts)  Heard 23 explosions (outgoing)  Heard 23 explosions (subsequent impacts)  Heard and saw 4 explosions (impacts)  Heard 4 undetermined explosions  Heard 10 explosions (outgoing)	N/K	31 March, 12:20- 13:00
Zaichenko ("DPR"- controlled, 26km NE	N/K E 4-6km NNW 4-5km NNW N/K N	impacts)  Heard 23 explosions (outgoing)  Heard 23 explosions (subsequent impacts)  Heard and saw 4 explosions (impacts)  Heard 4 undetermined explosions  Heard 10 explosions (outgoing)  Heard and saw 10 explosions	N/K	31 March, 12:20-
Zaichenko ("DPR"- controlled, 26km NE	N/K E  4-6km NNW  4-5km NNW  N/K N  N/K W	impacts)  Heard 23 explosions (outgoing)  Heard 23 explosions (subsequent impacts)  Heard and saw 4 explosions (impacts)  Heard 4 undetermined explosions  Heard 10 explosions (outgoing)  Heard and saw 10 explosions (subsequent impacts)	N/K	31 March, 12:20- 13:00
Zaichenko ("DPR"- controlled, 26km NE	N/K E  4-6km NNW  4-5km NNW  N/K N  N/K W  4-6km NNW	impacts)  Heard 23 explosions (outgoing)  Heard 23 explosions (subsequent impacts)  Heard and saw 4 explosions (impacts)  Heard 4 undetermined explosions  Heard 10 explosions (outgoing)  Heard and saw 10 explosions	N/K	31 March, 12:20- 13:00

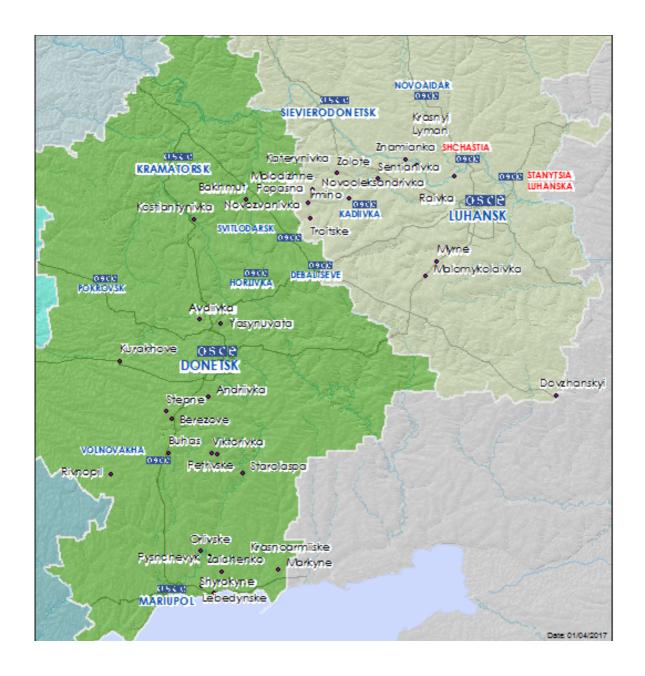
		T	T	
(government controlled, 25km NE of Mariupol)				
of Warupor)	N/K E	Heard 2 undetermined explosions		
i -	N/K E	Heard 4 undetermined explosions	-	31 March, 11:54-
Orlivske		Heard 29 explosions (outgoing)	1	12:24
(government-		Heard 29 explosions (outgoing)	NI/IZ	21 M 1 12 20
· · ·	N/K SSW	Heard 11 explosions (outgoing)	N/K	31 March, 12:28-
of Mariupol)		1 ( 2 2)	4	12:33
		Heard 4 explosions (outgoing)		31 March, 12:37- 12:50
Starohnativka				
(government-	2 21 EGE	Heard 1 burst	IIMC	21 M
controlled, 51km S	2-3km ESE	Heard I burst	HMG	31 March, 13:07
of Donetsk)				
2km S of		Heard 5 explosions (outgoing)		
Lebedynske		Treat a compressions (eargeing)		
(government-	5-7km NNE	Heard 6 explosions (impact) -not related	Artillery (type N/K)	31 March, 13:15
controlled, 16km NE	J-/KIII IVIVL	to the above	Attition (type 14/14)	31 Water, 13.13
		to the above		
of Mariupol)				
3.1km SE of				24.25 1 42.45
Khersones	N/K E	Heard 8 undetermined explosions	N/K	31 March, 13:45-
(government	1,112	Train o unaccommon empressions	1,112	13:50
controlled, 15km N				
of Mariupol)				
Pyshchevyk				
(government-	NI/IZ E	II	NI/IZ	31 March, 14:45-
controlled, 25km NE	N/K E	Heard 5 undetermined explosions	N/K	14:47
of Mariupol)				1,
or marapor)	3-5km NW	Heard 6 shots	AGL	30 March, 20:13
+	J-JKIII IN W	Heard and saw 35 bursts	AGE	30 March, 20:23
			-	
	4-6km N	Heard and saw 25 bursts	4	30 March, 20:33
		Heard and saw 13 bursts	Anti-aircraft cannon	30 March, 20-44
	1 OKIII I V	Heard and saw 2 bursts	(ZU-23)	30 March, 20:47
H 1: 1 (((DDD)))		Heard and saw 17 bursts		30 March, 21:23
Horlivka ("DPR"-		Heard and saw 3 bursts	1	30 March, 21:24
controlled, 39km N	4-7km NNW	Heard and saw 20 bursts		30 March, 21:28
of Donetsk)		Heard 17 shots		30 March, 21:30
	4-7km N	Heard 1 shot	AGL	30 March, 21:31
	4-/KIII IN	Heard 3 shots	AGL	30 March, 21:32
·	7 101 ENE		A (11 (1 ) ) (1/17)	
ı	7-10km ENE	Heard 1 explosion (outgoing)	Artillery (type N/K)	31 March, 09:25
	4-6km NNW	Heard 17 bursts	Small arms	31 March, 16:47-
	1 OKIII 1 (1 ( ) )	Treate 17 buists	Siliuli ulliis	16:55hrs
9km NW of Horlivka				31 March, 11:59-
("DPR"-controlled,	2-3km ENE	Heard 3 explosions (outgoing)	AGL	12:09
39km N of Donetsk)				12.09
		Heard 2 undetermined explosions	N/K	
	5-7km ENE	Heard uncountable overlapping bursts	HMG, AGL and small	30 March, 19:10-
		and shots	arms	19:30
<sub> </sub>	5-7km SW	Heard 1 burst (5-7 shots)	HMG	-2.50
Switledgraft	J-/KIII O W	Tiona i ouist (3-7 shots)	111/10	20 March 20:02
Svitlodarsk	5-7km ENE	Heard 32 explosions (outgoing)	N/K	30 March, 20:02- 20:10
(government-		1 1 1		
controlled, 57km NE	7-10km ENE	Heard 1 undetermined explosion	N/K	31 March, 15:51
of Donetsk)	5-7km SW	Heard 6 bursts	HMG	31 March, 16:40
		Heard 4 undetermined explosions	N/K	31 March, 16:50
	7-10km ENE	II	NI/IZ	31 March, 16:58-
		Heard 7 undetermined explosions	N/K	17:03
	6-7km SW	Heard 1 burst	HMG	31 March, 17:04
Kamianka				,
(government-				
controlled, 20km	7km SW	Heard 3 undetermined explosions	N/K	31 March, 10:15
COMMONICU, ZUKIN				
-				
north of Donetsk)				ı
north of Donetsk) SMM camera in	0.21	Recorded 1 projectile from N to S	31/17	2036 1 22
north of Donetsk) SMM camera in Stanytsia Luhanska	0.3km SW	(assessed as outside the disengagement	N/K	29 March, 21:27
north of Donetsk) SMM camera in	0.3km SW 0.8km SSW		N/K  IFV (BMP-2) cannon	29 March, 21:27 29 March, 21:28

of Luhansk)		(assessed as inside the disengagement area)	(30mm)	
	1.4km SSW	Recorded 1 signal flare (assessed as inside the disengagement area)	Signal flare	29 March, 21:48
	0.8km SSE	Recorded 7 tracer rounds from N to S (assessed as inside the disengagement area)	IFV (BMP-2) cannon	29 March, 21:51
	0.8km S	Recorded 23 tracer rounds from N to S (assessed as inside the disengagement area)	IFV (BMP-2) cannon	29 March, 21:56
	1.0km S	Recorded 2 signal flares (assessed as inside the disengagement area)	Signal flare	
	1.2km SSE	Recorded 12 tracer rounds from S to N (assessed as inside the disengagement area)	HMG	
	0.8km S	Recorded 23 tracer rounds from N to S (assessed as inside the disengagement area)	IFV (BMP-2) cannon	
	1.5km S	Recorded 12 tracer rounds from S to N (assessed as inside the disengagement area)	HMG	- 29 March, 21:59
	0.8km S	Recorded 4 explosions. (impacts) (assessed as inside the disengagement area)		29 March, 22:56
	1.3km S	Recorded 3 explosions (impacts) (assessed as inside the disengagement area)	N/K	29 March, 22:59
	1.1km SE	Recorded 7 tracer rounds from E to W (assessed as inside the disengagement area)	HMG	29 March, 22:10
	0.2km SSE	Recorded 1 projectile from N to S (assessed as outside the disengagement area)  Recorded 1 projectile from N to S (assessed as outside the disengagement area)	IFV (BMP-1) cannon (73mm)	29 March, 22:12
		Recorded 1 explosion (outgoing) (assessed as outside the disengagement area)	N/K	-
	1.1km S	Recorded 1 projectile N to S and its subsequent impact (assessed as inside the disengagement area)	RPG	29 March, 22:15
	0.22km SSE	Recorded 1 explosion (outgoing) (assessed as outside the disengagement area)  Recorded 1 projectile from N to S (assessed as outside the disengagement area)	- RPG	29 March, 22:18
	0.35km SSW	Recorded 3 tracer rounds from S to N (assessed as inside the disengagement area)	HMG	29 March, 22:19
	0.1km S	Recorded 1 projectile from N to S (assessed as outside the disengagement area)	IFV (BMP-1) cannon	29 March, 22:22
	0.3km S	Recorded 3 projectiles from N to S (assessed as inside the disengagement area)	IFV (BMP-1) cannon	29 March, 22:25
		Recorded 25 explosions (outgoing) (inside the disengagement area)	AGS	29 March, 22:27
	0.7km S	Recorded 1 projectile from N to S (assessed as inside the disengagement area)	N/K	29 March, 22:30
	0.5km SSE	Recorded 17 tracer rounds from S to N (assessed as inside the disengagement area)	HMG	29 March, 22:32
	0.5km S	Recorded 2 projectiles from N to S	IFV (BMP-1) cannon	1

		(assessed as inside the disengagement area)		
0.31	km S	Recorded 1 explosion (impact) (assessed as inside the disengagement area)	N/K	
1.5	km S	Recorded 1 explosion (impact) (assessed as inside the disengagement area)	AGS	29 March, 22:33
0.51	km S	Recorded 1 projectile from S to N (assessed as inside the disengagement area)	Recoilless gun (SPG-9, 73mm)	
0.8:	5km S	Recorded 1 explosion (impact) (assessed as inside the disengagement area)	N/K	29 March, 22:35
0.6	5km S	Recorded 1 projectile from N to S (assessed as inside the disengagement area)	IFV (BMP-1) cannon	
1.0	km S	Recorded 9 tracer rounds from N to S (assessed as inside the disengagement area)	IFV (BMP-2) cannon	29 March, 22:36
0.21	km NE	Recorded 1 explosion (outgoing) (assessed as outside the disengagement area)	N/K	29 March, 22:37
0.4	km S	Recorded 1 projectile from S to N (assessed as inside the disengagement area)	Recoilless gun (SPG-9)	
0.3.	5km SSW	Recorded 18 tracer rounds from N to S (assessed as inside the disengagement area)	IFV (BMP-2) cannon	
0.4	km S	Recorded 1 projectile from S to N (assessed as inside the disengagement area)	Recoilless gun (SPG-9)	29 March, 22:40
0.3:	5km SSW	Recorded 3 tracer rounds from N to S (assessed as inside the disengagement area)	IFV (BMP-2) cannon	
0.4	km SE	Recorded 1 projectile from N to S (assessed as outside the disengagement area)	IFV (BMP-1) cannon	29 March, 22:41
0.61	km SSW	Recorded 1 explosion (impact) (assessed as inside the disengagement area)	AGS	29 March, 22:43
0.3:	5km SW	Recorded 20 explosions (outgoing) (assessed as outside the disengagement	AGS	
0.21	km SW	Recorded 1 projectile from N to S (assessed as outside the disengagement area)	IFV (BMP-1) cannon	29 March, 22:45
0.4	km S	Recorded 1 projectile from S to N (assessed as inside the disengagement area)	Recoilless gun (SPG-9)	29 March, 22:49
0.21	km NE	Recorded 1 explosion (outgoing) (assessed as outside the disengagement area)	N/K	29 March, 22:57
0.81	km SSW	Recorded 13 shots (assessed as inside the disengagement area)	IFV (BMP-2) cannon	29 March, 23:01
1.71	km S	Recorded 3 explosions (impacts) (assessed as inside the disengagement area)	IFV (BMP-1) cannon	
0.91	km S	Recorded 1 explosion (impact) (assessed as inside the disengagement area)	Mortar (type N/K)	29 March, 23:02
0.4	km SSE	Recorded 4 projectiles from N to S (assessed as inside the disengagement area)	IFV (BMP-1) cannon	29 March, 23:03
1kn	n S	Recorded 1 explosion (impact) (assessed as inside the disengagement	Mortar (type N/K)	29 March, 23:04

	ı	T ,		
		area)		
	0.01	Recorded 1 explosion (impact)	D 1 (// 31/17)	
	0.8km S	(assessed as inside the disengagement	Rocket (type N/K)	
		area)		
		Recorded 1 explosion (impact)		
	0.8km SSW	(assessed as inside the disengagement	Mortar (type N/K)	29 March, 23:58
		area)		
		Recorded 1 explosion (outgoing)		
	0.35km SSW	(assessed as inside the disengagement		30 March, 00:03
		area)	N/K	
		Recorded 1 explosion. (impact)	1772	
	0.4km SSW	(assessed as inside the disengagement		30 March, 00:17
		area)		
		Heard 4 undetermined explosions	N/K	
		(assessed as live-fire exercise)	11/10	
Malomykolaivka		Heard 30 bursts (assessed as live-fire	HMG	
("LPR"-controlled,	10km NE	exercise)	TIMO	31 March, 10:21-
36km SW of	TOKIII INE	Heard 20-30 shots (assessed as live-fire	Small arms	10:51
Luhansk)		exercise)	Siliali alliis	
		Heard 6 undetermined explosions	Grenade launcher	
		(assessed as live-fire exercise)	(type N/K)	
Znamianka ("LPR"-	1km SE to	Heard 49 explosions (both outgoing and	Mortars and artillery	21 Manala 11.14
controlled, 36km	5km WSW	impacts)	(type N/K)	31 March, 11:14- 11:26
NW of Luhansk)	1km SE	Heard 2 bursts	HMG	11.20
N of the bridge to				
Stanytsia Luhanska		II		
(government-	N/K N	Heard 1 shot (assessed as inside the disengagement area)	Small arms	31 March, 11:55
controlled, 16km NE		disengagement area)		
of Luhansk)				
Molodizhne ("LPR"-				21 March 12:10
controlled, 63km	10km SSW	Heard 15 undetermined explosions	N/K	31 March, 13:10- 13:35
NW of Luhansk)		-		13:33
1.6km NE of	51rm NE	Hoard 2 undatarminad avalagio:	N/K	31 March, 13:11-
Novozvanivka	5km NE	Heard 3 undetermined explosions	1N/ IX	13:13
(government-	Flore E	II and 11 shade	IFV (BMP-2)	31 March, 13:12-
controlled, 70km W	5km E	Heard 11 shots	cannon	13:15
of Luhansk)	5km NE	Heard 2 shots	HMG	31 March, 13:20
2km NW of Troitske				ĺ
(government-	7 101 CE	Heard 60 explosions (outgoing) and their	14 (02	31 March, 13:40-
controlled 69km W	7-10km SE	subsequent impacts	Mortar (82mm)	13:50
of Luhansk)				
of Luliansk)		1	1	1

## Map of Donetsk and Luhansk regions<sup>2</sup>



<sup>&</sup>lt;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 based on recommendations of security experts from participating States.)