Table of ceasefire violations as of 26 December 2016¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
Svitlodarsk (government- controlled, 57km NE of Donetsk)	2km S	Heard 41 explosions (outgoing)	Recoilless gun (SPG- 9, 73mm) or IFV (BMP-1) cannon (73mm)	22 December, 18:30- 00:00
l	2km SSE	Heard overlapping bursts and single shots	AGL, HMG and small arms	
l	7km S	Heard 12 explosions (impacts) Heard 16 explosions (impacts)	MLRS (type N/K)	22 December, 19:10 22 December, 19:11
l	3-4km SSE	Heard 98 explosions (impacts)	Mortar (120mm)	22 December, 20:01- 00:46
	4-5km NNE	Heard 25 explosions (outgoing)	Artillery (122mm)	22 December, 20:30- 00:00
	5km NNE	Heard 14 explosions (outgoing)	Artillery (152mm)	22 December, 20:47- 00:00
	3-4km SSE	Heard 13 explosions (outgoing)	Tank (type N/K)	22 December, 20:57- 00:00
	3km SSW	Heard 18 bursts	Anti-aircraft cannon (ZU-23, 23mm) or IFV (BMP-2) cannon (30mm)	22 December, 21:52- 00:00
l	3-4km SSE	Heard at least 200 explosions (impacts)	Mortar (120mm)	23 December,
l	2km SSE	Heard 39 explosions (outgoing)	Recoilless gun (SPG- 9) or RPG	06:30-08:45
l	3km SE	Heard 22 explosions (impacts)	Mortar (120mm)	23 December, 10:30- 10:50
l	4km ESE	Heard 27 explosions (outgoing)	Artillery (122mm)	23 December, 11:07- 11:15
ı	3km SE	Heard 39 explosions (outgoing)	Tank (type N/K)	23 December, 11:50-
Ì	4-5km ESE	Heard 47 explosions (outgoing)	Artillery (122mm)	13:10
	3km ESE	Heard 55 explosions (impacts)	Mortar (120mm)	13.10
	3km SSE	Heard 34 explosions (outgoing)	Tank (type N/K)	
	3KM SSE	Heard 38 explosions (impacts)	Mortar (120mm)	
Í	2-3km SSE	Heard 29 bursts	Anti-aircraft cannon (ZU-23) or IFV (BMP 2) cannon (30mm)	23 December, 13:30-
Ì		Heard 40 bursts	HMG	15:45
	1-2km SSE	Heard 17 bursts	AGL	
	2-3km SSE	Heard 42 explosions (outgoing) Heard 12 explosions (impacts)	Recoilless gun (SPG- 9) or IFV (BMP-1)	
İ		* * * *	cannon (73mm)	
ı	3km ESE	Heard 8 explosions (outgoing)	Tank (type N/K)	
l	2-3km ESE	Heard 29 bursts	HMG	
1	2km ESE	Head overlapping bursts	Small arms	23 December, 15:48-
		Heard 18 explosions (outgoing)	Recoilless gun (SPG-	18:18
	0.3-1km ESE	Heard 3 explosions (impacts)	9) or IFV (BMP-1) cannon (73mm)	
Debaltseve ("DPR"-controlled, 58km NE	3-4km NE	Heard 44 undetermined explosions		22 December, 21:17- 21:27
of Donetsk)		Heard 37 undetermined explosions	N/K	23 December, 06:46-
l		•		06:58

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¹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed as 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 as the same are entered only once.

4km NNE	Heard 21 undetermined explosions		23 December, 10:43- 10:45
4-6km NNE	Heard 45 undetermined explosions		23 December, 11:07- 11:15
6-8km NNE	Heard 17 undetermined explosions	N/K	23 December, 15:05- 15:15
10-12km N 8-12km NW	Heard 8 undetermined explosions Heard 8 undetermined explosions	N/K	22 December, 19:30 22 December, 20:35
	Heard 2 bursts	HMG	22 December, 20:42
4-0KIII W	Heard 9 bursts	Small arms	22 December, 20:46
	•		23 December, 04:06
			23 December, 04:08
			23 December, 04:14
			23 December, 04:20
7-10km		N/K	23 December, 04:24
WNW	_		23 December, 04:26
	-		23 December, 04:33
	1		23 December, 04:39
	_		23 December, 04:47
	-		23 December, 04:52
			23 December, 18:32
			23 December, 18:39 23 December, 18:40
	_		· ·
	-		23 December, 18:58
6-8km NNW	_	N/K	23 December, 19:04
			23 December, 19:24
	_		23 December, 19:26
			23 December, 19:27
			23 December, 19:28
			23 December, 19:30
2.21 W	Heard 30 single shots		23 December, 09:18- 09:30
2-3KM W		Small arms	23 December, 09:39-
	Heard 300 single shots		09:46
			23 December, 09:53-
4-6km WNW	Heard 8 undetermined explosions		10:04
	Heard 1 undetermined evaluation	N/K	23 December, 10:23
5-7km N	-		23 December, 10:40
2-3km W	_	Small arms	23 December, 10.40
			-
	_	TV/K	23 December, 10:42-
	-		11:15
	_	Small arms	
1km W			23 December, 11:18-
2.21 W	_		11:24
	<u> </u>	NI/IZ	23 December, 11:33- 11:55
	-	IN/ K	23 December, 09:55
3-4km N		N/K	23 December, 12:01-
	_	-	12:03 23 December, 12:30
		Small arms	23 December, 12:30 23 December, 09:11-
JAMIIA	Treate 5 single shots	Sman arms	09:13
			1 07.13
2-3km NW	Heard 2 undetermined explosions	N/K	23 December, 09:56
	Heard 2 undetermined explosions Heard 5 single shots	N/K Small arms	
	4-6km NNE 6-8km NNE 10-12km N 8-12km NW 4-6km W 7-10km WNW 6-8km NNW 6-8km NNW 2-3km W 1-7km W 1-2km W 1-2km W 1-3km W 1-3km W 1-3km W 1-3km W 1-3km W	4-6km NNE Heard 45 undetermined explosions 10-12km N Heard 8 undetermined explosions 8-12km NW Heard 8 undetermined explosions 4-6km W Heard 2 bursts Heard 9 bursts Heard 4 undetermined explosions Heard 6 undetermined explosions Heard 6 undetermined explosions Heard 7 undetermined explosions Heard 7 undetermined explosions Heard 6 undetermined explosions Heard 7 undetermined explosions Heard 7 undetermined explosions Heard 7 undetermined explosions Heard 1 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 3 undetermined explosions Heard 3 undetermined explosions Heard 3 undetermined explosions Heard 1 undetermined explosions Heard 2 undetermined explosions Heard 1 undetermined explosions Heard 2 undetermined explosions Heard 30 single shots 2-3km W Heard 30 single shots 4-6km WNW Heard 8 undetermined explosion Heard 1 undetermined explosion Heard 1 undetermined explosions	Heard 45 undetermined explosions

23km SW of]		
Donetsk)				
SMM camera in		Recorded 4 indirect, rocket-assisted		23 December, 16:40-
Shyrokyne (20km E	1-2km NE	projectiles fired from SW to NE	N/K	16:42
of Mariupol)	1-2KIII NE	Recorded 1 indirect, rocket-assisted		23 December, 16:52
		projectile fired from SW to NE		
1km E of Berdianske	4-6km N	Heard 7 undetermined explosions		23 December, 10:00-
(government- controlled, 18km E	3-4km NE	Hand Annalasiana (inna arta)		10:10 23 December, 10:20-
of Mariupol)		Heard 4 explosions (impacts)	_	10:30
or manapor)	3-4km N	Heard 8 explosions (impacts)	N/K	10.30
	2-3km NNW	Heard 8 explosions (outgoing)		
	3-4km N	Heard 5 explosions (impacts)		23 December, 10:35-
	2-3km NE	Heard 6 explosions (impacts)		10:50
		Heard 3 explosions (outgoing)		
	3km N	Heard 10 single shots	Small arms	
SW edge of	3km NE	Heard 3 undetermined explosions		23 December, 11:15-
Lebedynske			N/K	11:20
(government- controlled, 16km			IN/ K	
ENE of Mariupol)				
Talakivka	1-2km W	Heard 8 explosions (outgoing)		23 December, 12:12-
(government-	4-6km SE	Heard 2 undetermined explosions	N/K	12:20
controlled, 17km NE			IV/K	
of Mariupol) 10	5 (1 GE	H 115 20 14 1 1 1 1		22 D 1 00 25
Uspenka ("LPR"- controlled, 23km	5-6km SE	Heard 15-20 undetermined explosions	Tank and IFV (BMP-	23 December, 09:35- 09:55
SW of Luhansk)		(assessed as live-fire training)	1) cannon (73mm)	09.55
S W of Editation		Heard multiple bursts	HMG	
	101 0777	(assessed as live-fire training)		22.7
Verhulivka ("LPR"- controlled, 61km W	10km SW	Heard 40 explosions (four quick	Antillany (aplibus N/V)	23 December, 10:12- 10:20
of Luhansk)		volleys of 10 each)	Artillery (calibre N/K)	10:20
Western edge of	10km NW	Heard 24 undetermined explosions (6		23 December, 10:45-
Verhulivka ("LPR"-		volleys of 4 each)		11:00
controlled, 61km W	15km SW	Heard 20 explosions (impacts)		23 December, 11:02
of Luhansk)		Heard 20 explosions (impacts)		23 December, 11:06
	10km SW	Heard 40 explosions (impacts)		23 December, 11:08
	5km SW	Heard 40 explosions (impacts)		23 December, 11:14
	10km SW	Heard 20 explosions (impacts)	Artillery (calibre N/K)	23 December, 11:20
		Heard 20 explosions (impacts)		23 December, 11:25
	500m SW	Heard 1 explosion (outgoing)		23 December, 11:42
	Boom B	Heard 2 explosions (outgoing)	-	23 December, 11:44
	10km SW	Heard 20 explosions (impacts)	-	23 December, 11:57
	500m SW	Heard 4 explosions (outgoing)		23 December, 12:30
Novozvanivka	10-15km SW	Heard 30 undetermined explosions		23 December, 11:09-
(government-	10-13Kiii 3 W	Heard 30 undetermined explosions		11:15
controlled, 70km W			Artillery and mortar	11110
of Luhansk)				
N outskirts of	8-15km SW	Heard 110 undetermined explosions	Artillery and/or	23 December, 11:40-
Troitske	and 10-20km		mortar	12:05
(government- controlled, 69km W	SSE	H		22 Danishan 12.41
of Luhansk)	3-15km E,	Heard at least 150 explosions (both	Artillery, mortar and MLRS	23 December, 12:41- 12:48
	SSE and W	outgoing and impacts)	WILKS	
Troitske (government-	1-2km SSW	Heard 10-15 explosions (impacts)		23 December, 12:30
controlled, 69km W			MLRS	
of Luhansk)				
Novozvanivka	5-10km SE	Heard 12 undetermined explosions	Artillery and mortar	23 December, 13:00
(government-	2-3km SW	Heard 16 single shots	Anti-aircraft gun (ZU-	1
controlled, 70km W			23)	
of Luhansk)		Heard multiple bursts	HMG	
Yuzhna-Lomuvatka		Heard 4 explosions (assessed as 1	Towed howitzer	23 December, 12:55

("LPR"-controlled,	3-4km SW	outgoing volley of 4 artillery systems)	(2A65 <i>Msta-</i> B,	
61km W of	3-4KIII 5 W	Heard 4 explosions (assessed as 1	(2705 Msta-B, 152mm)	23 December, 12:57
Luhansk)		outgoing volley of 4 artillery systems)	,	
		Heard 4 explosions (assessed as 1		23 December, 12:58
		outgoing volley of 4 artillery systems)		
		Heard 4 explosions (assessed as 1		23 December, 12:59
		outgoing volley of 4 artillery systems)		
Veselohorivka	5km NE	Heard 10 explosions (outgoing)	AGL (AGS)	23 December, 13:25-
("LPR"-controlled,		Heard 30 explosions (outgoing)	Mortar	13:47
64km W of		Heard 4 bursts	HMG	1
Luhansk)		Heard 5 single shots	Small arms	
Svitlodarsk	3-4km SSE	Heard 28 explosions (impacts)	Mortar (120mm)	23 December, 19:00-
(government-		(()	22:46
controlled, 57km NE	4-5km SSE	Heard 28 explosions (outgoing)		23 December, 20:30-
of Donetsk)			(100	20:50
,	70-200m S	Heard and saw 2 explosions (impacts)	Artillery (122mm)	
	200-300m N	Heard 1 explosion (impact)		23 December, 20:50
Debaltseve ("DPR"-				23 December, 20:05-
controlled, 58km NE	3-5km NNE	Heard 33 undetermined explosions		20:26
of Donetsk)			N/K	23 December, 21:08-
	8-10km NNW	Heard 28 undetermined explosions		23 December, 21:08- 21:10
TT 1' 1		H 110 1 ' (' ()	M () () N (TZ)	
Horlivka		Heard 10 explosions (impacts)	Mortar (type N/K)	23 December, 19:30-
("DPR"-controlled,		Heard 70 undetermined explosions	N/K	20:00
39km N of Donetsk)		Heard 33 bursts	HMG	
	4-5km SW	Heard 9 explosions (impacts)	Mortar (type N/K)	23 December, 20:01-
		Heard 48 undetermined explosions	N/K	20:15
		Heard 17 bursts	HMG	
		Heard 15 bursts	Small arms	
	5-6km NW	Heard 3 undetermined explosions	N/K	23 December, 20:16
		Heard 12 explosions (impacts)	Mortar (type N/K)	23 December, 20:16-
		Heard 63 undetermined explosions	N/K	20:30
		Heard 17 bursts	HMG	
		Heard 12 bursts	Small arms	
		Heard 4 explosions (impacts)	Mortar (type N/K)	23 December, 20:31-
		Heard 17 undetermined explosions	N/K	20:45
		Heard 16 bursts	HMG	
		Heard 12 explosions (impacts)	Mortar (type N/K)	23 December, 20:46-
		Heard 39 undetermined explosions	N/K	21:00
	4-5km WSW	Heard 18 bursts	HMG	
		Heard 8 bursts	Small arms	
		Heard 8 explosions (impacts)	Mortar (Type N/K)	23 December, 21:01-
		Heard 50 undetermined explosions	N/K	21:15
		Heard 8 bursts	HMG	
		Heard 2 bursts	Small arms	
		Heard 5 explosions (impacts)	Mortar (type N/K)	23 December, 21:16-
		Heard 71 undetermined explosions	N/K	21:30
		Heard 49 bursts	HMG	
		Heard 25 bursts	Small arms]
	4-6km W	Heard at least 170 undetermined		23 December, 21:31-
		explosions		00:00
	4-6km NW	Heard at least 160 undetermined	N/K	23 December, 23:30-
		explosions		23:45
		Heard at least 165 undetermined	-	24 D1 00 20
	4 (1 NID	Heard at least 163 lindstermined		24 December, 00:30-
	4-6km NE			
	4-6km NE	explosions explosions		01:00
		explosions	MIDS (DM 21 Cma)	
	4-6km NE 3km WSW	explosions Heard 16 salvos (3-5 outgoing	MLRS (BM-21 Grad,	23 December, 23:30-
		explosions Heard 16 salvos (3-5 outgoing explosions per salvo)	122mm)	23 December, 23:30- 23:45
		explosions Heard 16 salvos (3-5 outgoing	•	23 December, 23:30-

("DPR"-controlled,		Heard 2 undetermined explosions		23 December, 20:28
Donetsk)		Heard 1 undetermined explosion	1	23 December, 20:38
		Heard 1 undetermined explosion		23 December, 22:26
		Heard 2 undetermined explosions		23 December, 22:29
		Heard 2 undetermined explosions	-	23 December, 22:58
Yasynuvata railway		Heard 5 bursts		24 December, 08:37
station ("DPR"-	3km N	Heard 11 bursts	Small arms	24 December, 08:40
controlled, 16km NE	5-7km W	Heard 1 undetermined explosion	N/K	24 December, 09:35
of Donetsk)	3-/KIII W	Heard 1 undetermined explosion	IN/ K	24 December, 09:55
Avdiivka (government controlled,17km N	3-4km N	Heard 1 undetermined explosion	N/K	24 December, 10:41
of Donetsk)	2-3km E	Heard 6 single shots	Small arms	24 December, 10:47
Donetsk central		Heard 5 bursts		24 December, 11:55
railway station ("DPR"-controlled,		Heard 11 single shots		24 December, 11:57- 12:04
6km NW of Donetsk city centre)		Heard 34 single shots		24 December, 12:15- 12:18
	3-4km NW	Heard 6 bursts	Small arms	24 December, 12:19
	J TRIII I W	Heard 9 single shots	Sinui ulilis	24 December, 12:22
		Heard 2 single shots		24 December, 13:02
		Heard 4 single shots		24 December, 13:15
		Heard 7 single shots	1	24 December, 13:24
		Heard 4 single shots	_	24 December, 13:32
Oleksandrivka		Heard 6 bursts Heard 10 single shots		24 December, 13:38 24 December, 10:03
("DPR"-controlled,				
20km south-west of Donetsk)	2-3km W	Heard 19 single shots	Small arms	24 December, 10:16 10:36
Maksymilianivka (government-		Heard 2 undetermined explosions	N/K	
controlled, 30km W	1-3km NW			24 December, 13:58
of Donetsk)		Heard 2 single shots	Small arms	
Petrivske ("DPR"-	5-6km N	Heard 1 undetermined explosion	N/K	24 December, 11:37
controlled, 41km				
south of Donetsk)				
2km N of Vodiane	2km S	Heard 1 undetermined explosion	N/K	24 December, 10:01
(government- controlled, 19km NE				
of Mariupol)				
		Heard 3 undetermined explosions	N/K	
Pikuzy (formerly Kominternove,	N/K SSE	Heard 3 undetermined explosions	N/K	24 December, 11:05
Pikuzy (formerly Kominternove, "DPR"-controlled,				24 December, 11:05
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of	N/K SSE	Heard 3 undetermined explosions Heard 4 single shots	N/K Small arms	
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol)		Heard 4 single shots	Small arms	24 December, 11:25
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol) Sakhanka ("DPR"-		Heard 4 single shots Heard overlapping bursts and shots	Small arms HMG and small arms	24 December, 11:05 24 December, 11:25 24 December, 12:25
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol) Sakhanka ("DPR"- controlled, 24km NE of Mariupol)	1km NW 3-5km WNW	Heard 4 single shots Heard overlapping bursts and shots Heard 1 explosion (impact)	Small arms HMG and small arms Mortar (type N/K)	24 December, 11:25 - 24 December, 12:25 12:50
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol) Sakhanka ("DPR"- controlled, 24km NE of Mariupol) Hnutove	1km NW	Heard 4 single shots Heard overlapping bursts and shots	Small arms HMG and small arms	24 December, 11:25 - 24 December, 12:25 - 12:50 - 24 December, 12:43
of Mariupol) Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol) Sakhanka ("DPR"- controlled, 24km NE of Mariupol) Hnutove (government-	1km NW 3-5km WNW 3-4km NE	Heard 4 single shots Heard overlapping bursts and shots Heard 1 explosion (impact) Heard 1 burst	Small arms HMG and small arms Mortar (type N/K) Small arms	24 December, 11:25 - 24 December, 12:25 12:50
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol) Sakhanka ("DPR"- controlled, 24km NE of Mariupol) Hnutove (government- controlled, 20km NE	1km NW 3-5km WNW	Heard 4 single shots Heard overlapping bursts and shots Heard 1 explosion (impact)	Small arms HMG and small arms Mortar (type N/K)	24 December, 11:25 - 24 December, 12:25 - 12:50 - 24 December, 12:43
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol) Sakhanka ("DPR"-controlled, 24km NE of Mariupol) Hnutove (government-controlled, 20km NE of Mariupol)	1km NW 3-5km WNW 3-4km NE	Heard 4 single shots Heard overlapping bursts and shots Heard 1 explosion (impact) Heard 1 burst Heard 1 undetermined explosion	Small arms HMG and small arms Mortar (type N/K) Small arms N/K	24 December, 11:25 24 December, 12:25 12:50 24 December, 12:43 12:47
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol) Sakhanka ("DPR"- controlled, 24km NE of Mariupol) Hnutove (government- controlled, 20km NE of Mariupol) SMM camera in	1km NW 3-5km WNW 3-4km NE	Heard 4 single shots Heard overlapping bursts and shots Heard 1 explosion (impact) Heard 1 burst Heard 1 undetermined explosion Recorded 2 undetermined explosions	Small arms HMG and small arms Mortar (type N/K) Small arms	24 December, 12:25 24 December, 12:25 12:50 24 December, 12:43 12:47 24 December, 16:37
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol) Sakhanka ("DPR"- controlled, 24km NE of Mariupol) Hnutove (government- controlled, 20km NE of Mariupol) SMM camera in Shyrokyne (20km E	1km NW 3-5km WNW 3-4km NE	Heard 4 single shots Heard overlapping bursts and shots Heard 1 explosion (impact) Heard 1 burst Heard 1 undetermined explosion Recorded 2 undetermined explosions Recorded 1 airburst	Small arms HMG and small arms Mortar (type N/K) Small arms N/K	24 December, 11:25 24 December, 12:25 12:50 24 December, 12:43 12:47 24 December, 16:37
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol) Sakhanka ("DPR"- controlled, 24km NE of Mariupol) Hnutove (government- controlled, 20km NE of Mariupol) SMM camera in Shyrokyne (20km E	1km NW 3-5km WNW 3-4km NE	Heard 4 single shots Heard overlapping bursts and shots Heard 1 explosion (impact) Heard 1 burst Heard 1 undetermined explosion Recorded 2 undetermined explosions	Small arms HMG and small arms Mortar (type N/K) Small arms N/K N/K	24 December, 11:25 24 December, 12:25 12:50 24 December, 12:43 12:47 24 December, 16:37
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol) Sakhanka ("DPR"- controlled, 24km NE of Mariupol) Hnutove (government- controlled, 20km NE of Mariupol) SMM camera in Shyrokyne (20km E	1km NW 3-5km WNW 3-4km NE	Heard 4 single shots Heard overlapping bursts and shots Heard 1 explosion (impact) Heard 1 burst Heard 1 undetermined explosion Recorded 2 undetermined explosions Recorded 1 airburst Recorded 8 tracer rounds in flight	Small arms HMG and small arms Mortar (type N/K) Small arms N/K N/K	24 December, 11:25 24 December, 12:25 12:50 24 December, 12:43 12:47 24 December, 16:37 24 December, 17:04
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol) Sakhanka ("DPR"- controlled, 24km NE of Mariupol) Hnutove (government- controlled, 20km NE of Mariupol) SMM camera in Shyrokyne (20km E	1km NW 3-5km WNW 3-4km NE N/K SE	Heard 4 single shots Heard overlapping bursts and shots Heard 1 explosion (impact) Heard 1 burst Heard 1 undetermined explosion Recorded 2 undetermined explosions Recorded 1 airburst Recorded 8 tracer rounds in flight from W to E Recorded 3 tracer rounds in flight from E to W	Small arms HMG and small arms Mortar (type N/K) Small arms N/K N/K Small arms	24 December, 11:25 24 December, 12:25 12:50 24 December, 12:43 12:47 24 December, 16:37 24 December, 17:04
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol) Sakhanka ("DPR"- controlled, 24km NE of Mariupol) Hnutove (government- controlled, 20km NE of Mariupol) SMM camera in Shyrokyne (20km E	1km NW 3-5km WNW 3-4km NE	Heard 4 single shots Heard overlapping bursts and shots Heard 1 explosion (impact) Heard 1 burst Heard 1 undetermined explosion Recorded 2 undetermined explosions Recorded 1 airburst Recorded 8 tracer rounds in flight from W to E Recorded 3 tracer rounds in flight from E to W Recorded 3 rocket-assisted projectiles	Small arms HMG and small arms Mortar (type N/K) Small arms N/K N/K	24 December, 11:25 24 December, 12:25 12:50 24 December, 12:43 12:47 24 December, 16:37 24 December, 17:04 24 December, 17:04
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol) Sakhanka ("DPR"- controlled, 24km NE of Mariupol) Hnutove (government- controlled, 20km NE of Mariupol) SMM camera in Shyrokyne (20km E	1km NW 3-5km WNW 3-4km NE N/K SE	Heard 4 single shots Heard overlapping bursts and shots Heard 1 explosion (impact) Heard 1 burst Heard 1 undetermined explosion Recorded 2 undetermined explosions Recorded 1 airburst Recorded 8 tracer rounds in flight from W to E Recorded 3 tracer rounds in flight from E to W Recorded 3 rocket-assisted projectiles in flight from E to W	Small arms HMG and small arms Mortar (type N/K) Small arms N/K N/K Small arms	24 December, 11:25 24 December, 12:25 12:50 24 December, 12:43 12:47 24 December, 16:37 24 December, 17:04 24 December, 17:04
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol) Sakhanka ("DPR"- controlled, 24km NE of Mariupol) Hnutove (government- controlled, 20km NE of Mariupol) SMM camera in Shyrokyne (20km E	1km NW 3-5km WNW 3-4km NE N/K SE	Heard 4 single shots Heard overlapping bursts and shots Heard 1 explosion (impact) Heard 1 burst Heard 1 undetermined explosion Recorded 2 undetermined explosions Recorded 1 airburst Recorded 8 tracer rounds in flight from W to E Recorded 3 tracer rounds in flight from E to W Recorded 3 rocket-assisted projectiles in flight from E to W Recorded 8 rocket-assisted projectiles	Small arms HMG and small arms Mortar (type N/K) Small arms N/K N/K Small arms	24 December, 11:25 24 December, 12:25 12:50 24 December, 12:43 12:47 24 December, 16:37 24 December, 17:04 24 December, 17:05 17:06
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol) Sakhanka ("DPR"- controlled, 24km NE of Mariupol) Hnutove (government-	1km NW 3-5km WNW 3-4km NE N/K SE	Heard 4 single shots Heard overlapping bursts and shots Heard 1 explosion (impact) Heard 1 burst Heard 1 undetermined explosion Recorded 2 undetermined explosions Recorded 1 airburst Recorded 8 tracer rounds in flight from W to E Recorded 3 tracer rounds in flight from E to W Recorded 3 rocket-assisted projectiles in flight from E to W	Small arms HMG and small arms Mortar (type N/K) Small arms N/K N/K Small arms	24 December, 11:25 24 December, 12:25 12:50 24 December, 12:43 12:47 24 December, 16:37 24 December, 17:04 24 December, 17:04

		Recorded 15 rocket-assisted		24 December, 17:14-
		projectiles in flight from W to E Recorded 3 undetermined explosions	_	17:19 24 December, 17:14-
		Recorded 5 undetermined explosions		17:21
		Recorded 3 tracer rounds in flight	Small arms	24 December, 17:18
		from W to E		
		Recorded 1 rocket-assisted projectile	N/K	24 December, 17:21
		in flight from E to W and 1 subsequent explosion (impact)		24 December, 17:21
		Recorded 1 rocket-assisted projectile	_	24 December, 17.21
		in flight from E to W		24 December, 17:22
		Recorded 2 tracer rounds in flight	Small arms	ĺ
		from W to E		
		Recorded 2 rocket-assisted projectiles		24 December, 18:30-
		in flight from W to E	N/K	18:31
		Recorded 7 rocket-assisted projectiles in flight from E to W		
		Recorded 20 tracer rounds in flight	Small arms	
		from W to E	Siliuli ulliis	
		Recorded 3 tracer rounds in flight		
		from W to E		24 December, 18:33-
		Recorded 14 tracer rounds in flight		18:34
		from E to W		
		Recorded 2 tracer rounds in flight		
		from E to W	_	24 D 1 10 41
		Recorded 3 tracer rounds in flight from E to W		24 December, 18:41
		Recorded 1 tracer round in flight	-	24 December, 19:34
		from E to W		2. 2000
	5-10km NW	Heard at least 83 undetermined explosions	Artillery (N/K calibre)	23 December, 19:50- 20:20
T 1" 1 (6 1		Heard 18 undetermined explosions	Artillery (N/K calibre)	
Kadiivka (formerly Stakhanov, "LPR"-	5km NW	Heard 5 outgoing salvos (3-5 seconds	MLRS (BM-21 Grad,	23 December, 20:55- 21:15
controlled, 50km W		each, assessed as partial cassettes)	122mm)	21.13
of Luhansk)		Heard 31 undetermined explosions	Artillery (N/K calibre)	22 D 1 21 20
	5-10km NW	Heard at least 2 outgoing salvos (3-5 seconds each, assessed as partial	MLRS (BM-21 Grad,	23 December, 21:30- 21:43
		cassettes)	122mm)	21.43
Kalynove ("LPR"- controlled, 60km W	5km SW	Heard 2 bursts	HMG	24 December, 09:35-
of Luhansk)				09:50
1.4km SW of	N/K W	Heard 8 explosions (2 sets of four	Mortar (N/K calibre)	24 December, 10:30-
Kalynove ("LPR"- controlled, 60km		outgoing rounds)	(- 1, - 1, - 1, - 1, - 1, - 1, - 1, - 1,	10:50
west of Luhansk)	500-600m W	Heard 2 single shots	Small arms	24 December, 10:42
Luhansk city ("LPR"-controlled)	3-5km SE	Heard 1 undetermined explosion	N/K	24 December, 11:13
Park Inn Hotel	7-10km NW	Heard 1 undetermined explosion	N/K	24 December, 19:40
("DPR"-controlled,		•		
Donetsk)				
Avdiivka		Heard 10 single shots	4	25 Dagambar 10:20
(government- controlled, 17km N	1km SE	Heard 3 bursts	Small arms	25 December, 10:29- 10:39
of Donetsk)		Tiona 5 outsts		10.07
Yasynuvata ("DPR"-		Heard 3 bursts	Small arms	December 25, 13:43-
controlled, 16km NE		Heard 3 undetermined explosions	N/K	13:46
of Donetsk)	2-3km W	Train 5 directifilling explosions	17/12	
		Heard 2 single shots	Small arms	December 25, 14:27
0 1 1 1	ļ	<u> </u>	HMG and small arms	
Svitlodarsk	3-5km W	Heard 15 bursts	HMG and small arms	
(government-	3-5km W	Heard 15 bursts	HMG and small arms	25 December, 12:40-
	3-5km W	Heard 15 bursts Heard 5-7 explosions (impacts)	N/K	25 December, 12:40- 12:45

Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of	0.5-1km SW	Heard 20-30 single shots	Small arms	25 December, 12:50- 12:58
Mariupol)				
2km SE of Lebedynske (government- controlled, 16km NE of Mariupol)	1-1.5km N	Heard 1 burst	Small arms	25 December, 13:26
SMM camera in Shyrokyne (government- controlled, 20km E of Mariupol)		Recorded 21 rocket-assisted projectiles in flight from W to E Recorded 2 indirect, rocket-assisted projectiles in flight from S to N Recorded 3 indirect, rocket-assisted projectiles in flight from W to E Recorded 4 tracer rounds in flight from E to W Recorded 1 tracer round in flight from	N/K	25 December, 18.45- 18:49
		E to W		
		Recorded 33 tracer rounds in flight from E to W	Anti-aircraft gun (type N/K)	
		Recorded 9 tracer rounds in flight from W to E Recorded 1 indirect, tracer round in flight from W to E Recorded 1 rocket-assisted projectiles in flight from E to W	N/K	25 December, 18:49- 18:51
	N/K N	Recorded 1 rocket-assisted projectile in flight from W to E Recorded 1 indirect, rocket-assisted projectile in flight from W to E Recorded 4 tracer rounds in flight from W to E	N/K	25 December, 18:51- 18:53
		Recorded 2 tracer rounds fired from S to N	Small arms	
		Recorded 8 tracer rounds in flight from W to E	Anti-aircraft gun (type N/K)	
		Recorded 1 explosion (impact)	N/K Anti-aircraft gun (type	
		Recorded 12 tracer rounds in flight from E to W Recorded 21 tracer rounds in flight from W to E	N/K)	
		Recorded 3 explosions (impact)	N/K	25 December, 18:53-
		Recorded 14 tracer rounds fired S to N	Small arms	18:57
		Recorded 4 undetermined explosions Recorded 2 tracer rounds in flight from W to E Recorded 2 indirect, rocket-assisted projectiles in flight from W to E	N/K	
		Recorded 6 tracer rounds in flight	Anti-aircraft gun (type	
		From W to E Recorded 4 tracer rounds in flight	N/K)	
		From SW to NE Recorded 1 tracer round in flight from S to N	N/K	25 December, 18:58-
		Recorded 2 indirect, tracer rounds in flight from W to E Recorded 2 tracer rounds in flight	Anti-aircraft gun (type	19:01
		from E to W	N/K)	
		Recorded 10 tracer rounds in flight from W to E Recorded 24 tracer rounds in flight	Anti-aircraft gun (type N/K)	25 December, 19:02- 19:05
		from E to W		

		Recorded 1 undetermined explosion	N/K	
		Recorded 12 tracer rounds in flight from E to W	N/K	25 December, 19:06- 19:07
		Recorded 4 tracer rounds in flight from E to W	Anti-aircraft gun (type N/K)	25 December, 19:07-
		Recorded 5 explosions (impacts) Recorded 2 rocket-assisted projectiles	N/K N/K	19:08 25 December, 19:11
		in flight from W to E Recorded 33 tracer rounds in flight	Anti-aircraft gun (ZU-	
		From E to W Recorded 1 indirect, rocket-assisted	23, 23mm) N/K	25 0 1 10 12
		Projectile in flight in flight E to W Recorded 6 tracer rounds in flight	Anti-aircraft gun (type	25 December, 19:12- 19:13
		from W to E Recorded 2 indirect, tracer rounds in flight from W to E	N/K) N/K	
		Recorded 20 indirect, rocket-assisted projectiles in flight from W to E	MLRS (type N/K)	
		Recorded 2 rocket-assisted projectiles in flight from W to E	N/K	25 December, 19:13- 19:16
		Recorded 39 tracer rounds in flight from E to W	Anti-aircraft gun (type N/K)	
Novooleksandrivka (65km W of	1km SSE	Heard 1 single shot	Small arms	25 December, 10:55
Luhansk) 5km NE of Lopaskyne (government-controlled, 23km	2km SW	Heard 2 single shots	Small arms	25 December, 12:14
NW of Luhansk) SMM camera in	N/K N	Recorded 1 indirect, rocket-assisted		25 December, 20:41
Shyrokyne (government-		projectile in flight from W to E Recorded 4 indirect, rocket-assisted	N/K	25 December, 21:08
controlled, 20km E of Mariupol)		projectiles in flight from W to E Recorded 4 tracer rounds in flight	Anti-aircraft cannon	
		From E to W Recorded 12 indirect, rocket-assisted	(type N/K) N/K	
		Projectiles in flight from E to W Recorded 16 tracer rounds fired from	Small arms	25 December, 21:10- 21:15
		SW to NE Recorded 9 tracer rounds in flight from SW to NE		25 December, 22:14-
		Recorded 12 tracer rounds in flight from SE to NW		22:16
		Recorded 7 tracer rounds in flight from SW to NE Recorded 25 tracer rounds in flight from SE to NW	- Small arms	25 December, 22:30- 22:33
		Recorded 11 tracer rounds in flight from SW to NE Recorded 23 tracer rounds in flight		25 December, 23:01- 23:04
Oleksandrivka		from SE to NW		25.6
("DPR"-controlled, 20km SW of Donetsk)	2-4km NW	Heard 1 undetermined explosion	N/K	26 December, 09:20
Yasynuvata ("DPR"-controlled, 16km NE	3-5km SW	Heard 2 undetermined explosions	N/K	26 December, 09:25
of Donetsk) 2.5km SE of	1-2km NE	Heard 1 single shot Heard 15 bursts	Small arms	26 December, 09:44 26 December, 10:00-
Lebedynske			Small arms	10:08
(government- controlled, 16km NE	2km NE	Heard 12 undetermined explosions	N/K	26 December, 10:28- 10:38
of Mariupol)		Heard 4 explosions (outgoing)	Recoilless gun (SPG- 9, 73mm) or RPG	26 December, 10:45- 10:50

WK SE Heard 2 burst Small arms 26 December, 10:45- Ordivate Flavary (formerly Komintermove, 12:3km NE of Mariupol)	3km N of Hnutove		Heard 4 undetermined explosions	N/K	
of Mariupol) Artillery (N/K type) 26 December, 11:20-11:30 DPR**controlled, 23km NE of Mariupol) N/K SSE Heard 4 explosions (impacts) Artillery (N/K type) 26 December, 12:10-12:20 Ordivske (government-controlled, 23km NE of Mariupol) Heard overlapping bursts and single shots and overlapping bursts and single shots and overlapping bursts. Heard at least 500 single shots and overlapping bursts. Heard at least 500 single shots and overlapping bursts. Heard at least 500 single shots and overlapping bursts. Heard at least 500 single shots and overlapping bursts. Heard at least 500 single shots and overlapping bursts. Heard at least 200 single shots and overlapping bursts. Heard at least 200 single shots and overlapping bursts. Heard at least 200 single shots and overlapping bursts. Heard at least 200 single shots and overlapping bursts. Heard at least 200 single shots and overlapping bursts. Heard at least 200 single shots and overlapping bursts. Heard at least 200 single shots and single shots. Heard at least 200 single shots and overlapping bursts. Heard at least 200 single shots and overlapping bursts. Heard 3 indetermined explosions. Heard at least 200 single shots. Heard 3 indetermined explosions. N/K. 26 December, 11:45-12:10 Sopyne (government-controlled, 16km E (outroilled, 16km E (owernment-controlled, 16km NE) Heard 16 undetermined explosions. Heard 3 undetermined explosions. Heard 3 undetermined explosions. Heard 3 undetermined explosions. Heard 4 sirbursts. Heard 3 undetermined explosions. W/K. 26 December, 13:10-13:20 26 December, 12:25-12:30		N/K SE		11/11	26 December, 10:45-
Pikusy (formerly komintermove, "PPF"-controlled, 23km NE of Mariupol)				Small arms	
Mailury (N/K type) 26 December, 11:20-11:30 11:30 12:2	of Mariupol)				
N/K SE Heard of explosions (outgoing) N/K 3-5km SSE Heard 15 explosions (impacts) Artillery (N/K type) 2-3km S Heard overlapping single shots Small arms 3-5km SSE Heard overlapping bursts and single shots M/K type) 2-3km S Heard overlapping bursts and single shots N/K type) 2-3km S Heard overlapping bursts and single shots N/K type) 3-5km SSE Heard overlapping bursts and single shots N/K type) 4-6 December, 12:30-12:35 5-7 Sim S Heard overlapping bursts and single shots and overlapping bursts 6-8 December, 12:30-12:35 7-8 Sim S Heard at least 25 undetermined explosions 8-8 Sim N Heard at least 200 single shots and overlapping bursts 8-8 Sim N Heard overlapping bursts 9-8 Sim	Pikuzy (formerly Kominternove,	3-5km SSE	Heard 9 explosions (impacts)	Artillery (N/K type)	26 December, 11:20-
2-3km S		N/K SSE	Heard 4 explosions (outgoing)	N/K	11:30
Artillery (N/K type) 26 December, 12:30- 2-3km S Heard 9 explosions (impacts) HMG and small arms 12:35		3-5km SSE	Heard 15 explosions (impacts)	Artillery (N/K type)	26 December, 12:10-
Corlivske		2-3km S	Heard overlapping single shots	Small arms	12:20
N/K SE		3-5km SSE	Heard 9 explosions (impacts)	Artillery (N/K type)	26 December, 12:30-
Explosions Heard at least 500 single shots and overlapping bursts Heard at least 200 single shots and overlapping bursts Heard at least 200 single shots and overlapping bursts Heard at least 200 single shots and overlapping bursts Heard at least 200 single shots and overlapping bursts Small arms 12:10		2-3km S		HMG and small arms	12:35
of Mariupol) Sopyne	(government-	N/K SE	explosions	N/K	26 December, 11:38-
Explosions Heard at least 200 single shots and overlapping bursts Sopyne (government-controlled, 16km E of Mariupol) Skm N Heard overlapping undetermined explosions, bursts and single shots Heard overlapping bursts			overlapping bursts	Small arms	11:45
Sopyne Government			explosions	N/K	26 December, 11:45-
Controlled, 16km E of Mariupol) Skm N Heard 16 undetermined explosions Heard 6 airbursts Heard 0 werlapping bursts Heard 15 explosions (outgoing and their subsequent impacts) Heard 9 explosions (outgoing and subsequent impacts) Artillery (N/K type) 26 December, 13:15-13:20 Artillery (N/K type) 26 December, 14:30 Artillery (N/K type) 26 December, 16:55 3-5km SE Heard 1 undetermined explosion N/K 26 December, 16:55 Artillery (N/K type) Artillery (N/K type) 26 December, 16:55 Artillery (N/K type) Artill			overlapping bursts		12:10
Sam N Heard 6 airbursts Heard 0 verlapping bursts Heard 10 verlapping bursts Heard 10 verlapping bursts Heard 10 verlapping bursts Hard 0 verlapping bursts Hard 0 verlapping bursts and single shots	(government-	3km N	explosions, bursts and single shots	Recoilless gun (SPG-	26 December, 11:43- 12:12
Heard overlapping bursts HMG -2km E Heard 3 undetermined explosions -2km E Heard 15 explosions (outgoing and their subsequent impacts) -2km E Heard 9 explosions (outgoing and their subsequent impacts) -2km E Heard 15 explosions (outgoing and their subsequent impacts) -2km E Heard 9 explosions (outgoing and their subsequent impacts) -2km E Heard 9 explosions (outgoing and their subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -2km E Heard 9 explosions (outgoing and 8 subsequent impacts) -		3km N	Heard 6 airbursts		26 December, 12:25-
Lebedynske (government-controlled, 16km NE of Mariupol) N/K E Azov (formerly Dzerzhynske, "DPR"-controlled, 25km NE of Mariupol) Svitlodarsk (government-controlled, 57km NE of Donetsk) SW edge of December, 13:16-15-13:20 SW edge of December, 14:30 SW edge of Donetsk) SWM camera at Oktiabr mine (9km NW of Donetsk) SMM camera at Oktiabr mine (9km NW of Donetsk) SMM camera at Oktiabr mine (9km NW of Donetsk) SW awand heard 8 single shots Saw and heard 8 single shots Small arms (AK-47) Saw and heard 8 single shots Small arms (AK-47) Saw and heard 8 single shots Small arms (AK-47) Saw and heard 8 single shots Small arms (AK-47) Saw and heard 8 single shots Small arms (AK-47) Saw and heard 8 single shots					12.50
1-2km E Heard overlapping bursts and single shots Hord and small arms 13:15				N/K	26 December, 13:10-
of Mariupol)N/K Etheir subsequent impacts)Artillery (N/K type)13:21Azov (formerly Dzerzhynske, "DPR"-controlled, 25km NE of Mariupol)2-3km SSE (outgoing) and 5-7km SW (impacts)Heard 9 explosions (outgoing and 8 subsequent impacts)Artillery (N/K type)26 December, 13:15-13:20Svitlodarsk (government-controlled, 57km NE of Donetsk)8-12km SEHeard 1 undetermined explosionN/K26 December, 14:30SW edge of Debaltseve ("DPR"-controlled, 58km NE of Donetsk)3-5km SEHeard 16 single shotsSmall arms26 December, 18:30SMM camera at Oktiabr mine (9km NW of Donetsk city centre)5-6km NWHeard 2 burstsAnti-aircraft gun (ZU-23, 23mm)26 December, 14:58Molodizhne ("LPR"-controlled, 63km3-4 km NNERecorded 1 flare in flight from E to WN/K26 December, 17:30Saw and heard 8 single shotsSmall arms (AK-47)26 December, 09:00-09:	(government-	1-2km E	shots	HMG and small arms	13:15
Dzerzhynske, "DPR"-controlled, 25km NE of Mariupol) Svitlodarsk (government-controlled, 57km NE of Donetsk) SW edge of Debaltseve ("DPR"-controlled, 58km NE of Donetsk) SMM camera at Oktiabr mine (9km NW of Donetsk city centre) Molodizhne ("LPR"-controlled, 63km Molodizhne ("LPR"-controlled, 63km Molodizhne ("LPR"-controlled, 63km Iound Subsequent impacts) subsequent impacts) subsequent impacts) Artillery (N/K type) 26 December, 13:15-13:20 Artillery (N/K type) 13:20 13:20 Artillery (N/K type) 13:20 13:20 13:20 13:20 13:20 13:20 13:20 14:30 16:55 Anti-aircraft gun (ZU- 23, 23mm) 26 December, 17:29 N/K 26 December, 17:30 26 December, 09:00- 10:00 1	of Mariupol)		their subsequent impacts)	Artillery (N/K type)	
(government-controlled, 57km NE of Donetsk) 3-4km SE Heard overlapping bursts HMG 26 December, 16:50-16:55 Small arms 26 December, 18:30 Small arms 26 December, 18:30 Anti-aircraft gun (ZU-23, 23mm) 26 December, 18:30 Anti-aircraft gun (ZU-23, 23mm) Anti-aircraft gun (ZU-23, 23mm) Personation of Donetsk o	Dzerzhynske, "DPR"-controlled, 25km NE of Mariupol)	(outgoing) and 5-7km SW (impacts)	subsequent impacts)		
controlled, 57km NE of Donetsk) SW edge of Debaltseve ("DPR"-controlled, 58km NE of Donetsk) SMM camera at Oktiabr mine (9km NW of Donetsk city centre) Molodizhne ("LPR"-controlled, 63km Molodizhne ("LPR"-controlled, 63km 10-100m Heard overlapping bursts Heard 16 single shots Small arms Anti-aircraft gun (ZU-23, 23mm) 26 December, 14:58 Recorded 1 flare in flight from E to W N/K Recorded 1 flare in flight from E to W Saw and heard 8 single shots Small arms (AK-47) 26 December, 17:30 26 December, 17:30 Saw and heard 8 single shots Small arms (AK-47) Small arms (AK-47)	Svitlodarsk	8-12km SE	Heard 1 undetermined explosion	N/K	
SW edge of Debaltseve ("DPR"-controlled, 58km NE of Donetsk) SMM camera at Oktiabr mine (9km NW of Donetsk city centre) Molodizhne ("LPR"-controlled, 63km 10-100m Saw and heard 8 single shots Anti-aircraft gun (ZU-26 December, 14:58 26 December, 17:29 N/K 26 December, 17:30 Saw and heard 8 single shots Small arms (AK-47) Small arms (AK-47) Small arms (AK-47)	controlled, 57km NE				
Debaltseve ("DPR"- controlled, 58km NE of Donetsk) SMM camera at Oktiabr mine (9km NW of Donetsk city centre) Molodizhne ("LPR"- controlled, 63km 10-100m Recorded 1 flare in flight from E to W Recorded 1 flare in flight from E to W Saw and heard 8 single shots Small arms (AK-47) Small arms (AK-47) Small arms (AK-47)					
SMM camera at Oktiabr mine (9km NW of Donetsk city centre) Recorded 1 flare in flight from E to W Recorded 1 flare in flight from E to W Recorded 1 flare in flight from E to W N/K 26 December, 17:29 26 December, 17:30 Saw and heard 8 single shots Controlled, 63km 10-100m Saw and heard 8 single shots Small arms (AK-47) One of the state of the stat	Debaltseve ("DPR"-controlled, 58km NE	5-6km NW	Heard 2 bursts		26 December, 14:58
Recorded 1 flare in flight from E to W Molodizhne ("LPR"- controlled, 63km 10-100m Recorded 1 flare in flight from E to W Saw and heard 8 single shots Small arms (AK-47) Small arms (AK-47) One of the controlled of the con	SMM camera at	3.4 km NNE	Recorded 1 flare in flight from E to W	N/K	26 December, 17:29
controlled, 63km 10-100m Small arms (AK-47) 20 December, 09:00-	centre)	5-4 KIII ININE	Recorded 1 flare in flight from E to W	11/1/1	26 December, 17:30
	Molodizhne ("LPR"-controlled, 63km	10-100m	-	Small arms (AK-47)	26 December, 09:00-
	NW of Luhansk)		Saw and heard 2 bursts		07.02

Map of Donetsk and Luhansk regions²



² The SMM is actively 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.)