SMM position	Distance	Direction	No.	Observation	Description	Weapon	Date	Time
			1	Projectile	E to W			18:39
			2	Explosion	Undetermined			18:40
			2	Explosion	Undetermined			18:47
			1	Explosion	Undetermined			18:51
			1	Projectile	W to E			18:56
			2	Explosion	Undetermined			19:02
			4	Projectile	E to W			19:04
			1	Projectile	E to W			19:05
			1	Explosion	Undetermined			19:08
			1	Projectile	S to N			19:16
			2	Projectile	W to E		18- Feb	19:29
			5	Projectile	W to E			19:33
			2	Explosion	Undetermined			19.55
			2	Projectile	W to E			19:39
		S	2	Projectile	E to W			19.39
			1	Projectile	W to E			19:40
SMM camera			2	Projectile	W to E			19:47
at Donetsk Filtration	0.5-		4	Projectile	W to E			19:50
Station (15km	1.5km		1	Explosion	Undetermined			19.50
N of Donetsk)			11	Projectile	W to E			19:51
			3	Explosion	Undetermined			19:53
			2	Projectile	W to E			19.55
			2	Projectile	W to E			19:54
			1	Projectile	W to E			19:55
			1	Projectile	W to E			19:58
			1	Projectile	E to W			20:29
			1	Projectile	W to E			20:38
			1	Projectile	W to E			20:41
			1	Projectile	W to E			20:42
			2	Explosion	Undetermined			20.42
			1	Explosion	Undetermined			20:43
			1	Projectile	W to E			20:46
			3	Explosion	Undetermined			20:48
			2	Explosion	Undetermined			20:49
			1	Explosion	Undetermined			20:51
			1	Projectile	E to W			20:51

## Table of ceasefire violations as of 19 February 2018<sup>1</sup>

<sup>&</sup>lt;sup>1</sup> The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, and are not always necessarily precise. When information is not known (indicated with an "N/K"), the SMM was unable to ascertain such information due to distance, weather conditions and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

1	Explosion	Undetermined	21:02
1	Projectile	W to E	21:02
1	Projectile	W to E	21:05
6	Projectile	W to E	21:07
2	Projectile	W to E	21:12
1	Projectile	W to E	21:14
2	Projectile	W to E	
1	Explosion	Undetermined	21:15
7	Explosion	Undetermined	21:22
4	Explosion	Undetermined	
6	Projectile	E to W	21:26
3	Explosion	Undetermined	21:27
2	Projectile	E to W	
1	Explosion	Undetermined	21:31
2	Projectile	E to W	21.22
1	Explosion	Undetermined	21:32
1	Explosion	Undetermined	21:34
1	Projectile	W to E	21:35
3	Projectile	E to W	21:38
1	Explosion	Undetermined	21:53
2	Projectile	W to E	21:55
2	Explosion	Undetermined	21:55
1	Explosion	Undetermined	21:58
1	Projectile	E to W	21.38
1	Projectile	W to E	22:04
2	Explosion	Undetermined	22:26
1	Explosion	Undetermined	22:41
1	Projectile	E to W	22:42
1	Explosion	Undetermined	22:46
1	Explosion	Undetermined	23:10
1	Projectile	E to W	23:11
1	Projectile	E to W	23:12
9	Projectile	E to W	
5	Projectile	W to E	23:21
2	Explosion	Undetermined	
5	Projectile	E to W	23:22
1	Projectile	W to E	
1	Projectile	W to E	23:23
1	Projectile	E to W	
1	Projectile	W to E	23:24
2	Explosion	Undetermined	23:25
3	Projectile	E to W	
1	Projectile	W to E	
1	Projectile	E to W	23:26
1	Explosion	Undetermined	
3	Projectile	W to E	23:29
2	Explosion	Undetermined	- · ·

					<u> </u>	
	1	Projectile	E to W			
	1	Projectile	W to E			23:30
	4	Explosion	Undetermined		-	
	3	Projectile	W to E			23:32
	5	Explosion	Undetermined		-	22.22
	2	Projectile	E to W		-	23:33
	2	Projectile	E to W			23:34
	1	Explosion	Undetermined		F	22.12
	1	Projectile	W to E		-	23:43
	1	Explosion	Undetermined		-	23:44
	5	Projectile	W to E			23:45
	3	Explosion	Undetermined		-	
	5	Projectile	E to W			22.46
	1	Projectile	W to E			23:46
	1	Explosion	Undetermined W to E		F	
	1	Projectile	W to E Undetermined			23:47
	1	Explosion Projectile	W to E	-		00:10
		Projectile	-		-	
	3	Projectile	E to W W to E		-	00:11
		Projectile			-	00:15
	1	Explosion	Undetermined E to W		-	00:18
	1	Projectile Explosion	Undetermined			00:26
	1	Projectile	W to E		F	
	1	Explosion	Undetermined			00:30
	2	Projectile	W to E		-	00:31
	1	Projectile	E to W		F	00:33
	1	Explosion	Undetermined		F	00:39
	3	Explosion	Undetermined		-	00:48
	3	Explosion	Undetermined		F	00:58
	2	Explosion	Undetermined		-	00:59
	1	Explosion	Undetermined		19-	01:02
	1	Projectile	E to W		Feb	01:06
	7	Explosion	Undetermined		F	01:07
	1	Projectile	W to E		F	01:08
	1	Projectile	W to E		F	
	6	Projectile	E to W			01:28
	3	Explosion	Undetermined		F	01:30
	1	Explosion	Undetermined		F	01:31
	3	Explosion	Undetermined		F	01:33
	2	Explosion	Undetermined		F	01.05
	1	Projectile	Undetermined			01:35
	1	Explosion	Undetermined		F	01:36
	1	Explosion	Undetermined		F	01:37
	1	Explosion	Undetermined		F	01:38
	2	Explosion	Undetermined		F	01:39
	1	Explosion	Undetermined		F	01:40
1	1	-	1	ı 1		

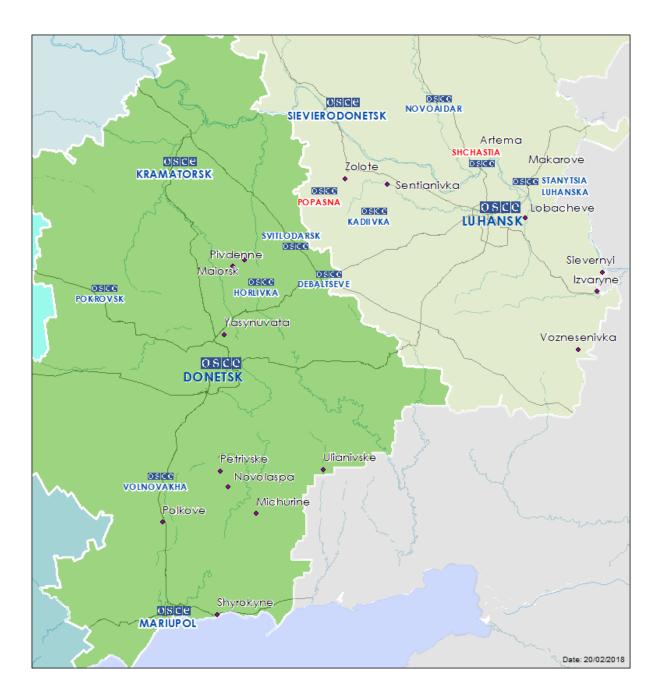
			2	D : .''	W. D			01.41
			2	Projectile	W to E			01:41
			2	Explosion	Undetermined			01:42
			7	Projectile	W to E			
			1	Explosion	Undetermined			01:46
			1	Explosion	Undetermined			01:47
			2	Projectile	W to E			
			1	Explosion	Undetermined			01:48
			1	Explosion	Undetermined			01:53
			4	Projectile	W to E			01:59
			6	Projectile	W to E			02:26
			4	Projectile	W to E			02:36
			4	Projectile	W to E			02:57
			1	Projectile	W to E			03:06
			2	Explosion	Undetermined			03:24
			1	Projectile	W to E			03:28
			3	Projectile	W to E			03:33
			1	Projectile	W to E			03:38
			1	Projectile	W to E			03:44
			1	Projectile	W to E			04:03
			1	Projectile	W to E			04:12
			1	Projectile	W to E			04:23
			1	Explosion	Undetermined			04:24
			1	Projectile	W to E			04.24
			1	Projectile	W to E			04:39
			2	Projectile	W to E			04:41
			1	Projectile	W to E			04:56
			1	Projectile	W to E			04:57
			1	Projectile	W to E			05:27
			3	Projectile	W to E			17:45
			3	Explosion	Undetermined			17.45
			1	Projectile	W to E			17:46
			1	Projectile	W to E			17:47
			1	Explosion	Undetermined			17:51
			1	Explosion	Undetermined			17:52
			1	Projectile	W to E			17.50
			1	Explosion	Undetermined			17:53
			2	Explosion	Undetermined			10.02
			1	Projectile	E to W			18:03
			1	Projectile	E to W			18:04
			2	Projectile	W to E			18:06
			1	Explosion	Undetermined			18:08
			1	Other	Illumination flare in vertical flight			18:16
			1	Explosion	Undetermined			18:26
			3	Explosion	Undetermined			18:28
SMM camera at Oktiabr	2-3km	N	4	Explosion	Undetermined	N/K	18- Feb	19:21
mine (non-			1	Explosion	Undetermined		19-	01:33

government-			1	Explosion	Undetermined		Feb	01:46
controlled, 9km NW of Donetsk city			1	Projectile	W to E			02:01
centre) SMM camera at entry-exit			1	Explosion	Undetermined			18:29
checkpoint in Maiorsk (government-	2-4km	SE	3	Explosion	Undetermined	N/K	18- Feb	19:29
controlled, 45km NE of Donetsk)			1	Explosion	Undetermined			19:31
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	5-8 km	Ν	1	Explosion	Undetermined	N/K	18- Feb	22:40
	2-4km	W	14	Bursts		Small arms	19- Feb	07:41-
	2-4km	W	8	Shots		Small arms	19- Feb	07:44
	2-4km	W	1	Explosion	Undetermined	N/K	19- Feb	08:24
	2-4km	W	45	Bursts		Small arms	19- Feb	
	2-4km	W	22	Shots		Small arms	19- Feb	08:40- 08:43
	2-4km	W	1	Explosion	Undetermined	N/K	19- Feb	
	2-4km	W	15	Shots		Small arms	19- Feb	09:55- 10:03
Yasynuvata	2-4km	W	9	Bursts		Small arms	19- Feb	
Railway station (non-	2-4km	W	2	Explosions	Undetermined	N/K	19- Feb	
government- controlled,	2-4km	W	3	Bursts		Small arms	19- Feb	10:33
16km NE of Donetsk)	2-4km	W	27	Shots		Small arms	19- Feb	
	2-4km	W	25	Bursts		Small arms	19- Feb	10:50- 10:55
	2-4km	W	4	Explosions		N/K	19- Feb	
	2-4km	W	10	Shots		Small arms	19- Feb	11:00-
	2-4km	W	1	Explosion	Undetermined	N/K	19- Feb	11:30
	2-4km	W	2	Bursts		Small arms	19- Feb	
	2-4km	W	3	Shots		Small arms	19- Feb	12:02
	3-5km	NW	3	Bursts		HMG	19- Feb	12:33
1.1km NW of railway station	1-2km	W	1	Shot		Small arms	19- Feb	13:02
in Yasynuvata (non- government- controlled, 16km NE of Donetsk)	1-2km	W	1	Explosion	Undetermined	N/K	19- Feb	13:25
SW edge of Yasynuvata	1-2km	WNW	17	Bursts		Small arms	19- Feb	13:55-
(non- government-	1-2km	WNW	23	Shots		Small arms	19- Feb	14:07

controlled, 16km NE of	1-2km	WNW	3	Explosions	Undetermined	N/K	19- Feb	
Donetsk)	1-2km	NW	10	Explosions	Undetermined	N/K	19- Feb	14:20-
	1-2km	NW	3	Shots		Small arms	19- Feb	14:22
N edge of Mineralne ("DPR" - controlled, 10km NE of	3-5km	NNE		Bursts and shots	Uncountable overlapping	HMG and small arms	19- Feb	10:50- 10:55
Donetsk)	2-4km	NNE	6	Bursts		HMG	19- Feb	11:02
	4km	W	1	Explosion	Outgoing	N/K	19- Feb	
1km N of Zaichenko	N/K	WSW	1	Explosion	Subsequent impact	N/K	19- Feb	
(non- government-	4km	WSW	1	Burst		Small arms	19- Feb	11:13-
controlled, 26km NE of	3km	W	5	Shots		Small arms	19- Feb	11:30
Mariupol)	4km	WSW	3	Shots		Small arms	19- Feb	
	4km	SW	5	Bursts		Small arms	19- Feb	
	2-3km	W	12	Bursts		Small arms	19- Feb	11:21-
	2-3km	W	20	Shots		Small arms	19- Feb	11`:23
E edge of Chermalyk	N/K	S	6	Bursts		Small arms	19- Feb	11:32- 11:35
(government- controlled,	N/K	W	5	Shots		Small arms	19- Feb	
31km NE of Mariupol)	N/K	W	6	Bursts		HMG	19- Feb	
	N/K	W	1	Burst		Small arms	19- Feb	11:43-
	N/K	W	9	Shots		Small arms	19- Feb	11:50
	2-3km	Е	11	Shots		Small arms	19- Feb	11:32
3km SE of Lomakyne	2-3km	NE	5	Bursts		HMG	19- Feb	
(government- controlled, 15km NE of Mariupol)	2-3km	NE	5	Bursts		Anti- aircraft cannon 23 or 30mm	19- Feb	11:57- 11:58
	2-3km	NE	1	Explosion	Undetermined	N/K	19- Feb	12:02
Naberezhne (non- government- controlled, 33km NE of Mariupol)	3km	NW	1	Burst		Small arms	19- Feb	11:45
2km SE of Lebedynske	2-3km	ESE	5	Shots		Small arms	19- Feb	13:03
(government- controlled,	3-4km	NE	2	Bursts		Small arms	19- Feb	13:12-
16km E of Mariupol)	3-4km	NE	2	Explosions	Undetermined	N/K	19- Feb	13:15

1 km NNW of Pyshchevyk (government- controlled, 25km NE of Mariupol)	1km	NNE	1	Shot		Small arms	19- Feb	14:29
Horlivka (non- government- controlled, 39km NE of Donetsk)	4-5km	W	1	Explosion	Undetermined	N/K	19- Feb	17:42
Svitlodarsk (government- controlled, 57km NE of Donetsk)	3-6km	SE	1	Explosion	Undetermined	N/K	18- Feb	21:10
1km SE of Kamianka (government- controlled, 20km N of Donetsk)	5-6km	SW	1	Explosion	Undetermined	N/K	19- Feb	10:05
Kadiivka (non- government- controlled, 50km W of Luhansk)	12-15km	WSW	45	Explosion	Undetermined	Artillery (type N/K)	18- Feb	20:30- 21:30
N edge of Kalynove (non- government- controlled, 60km W of Luhansk)	5km	W	10	Shot		Small arms	19- Feb	08:54- 08:57
SW edge of Kalynove (non- government- controlled, 60km W of Luhansk)	3km	NW	67	Burst		HMG	19- Feb	10:14- 10:19
0.5km SW of Stukalova Balka (non- government- controlled, 9km N of Luhansk)	5-10km	WSW	2	Shot		HMG	19- Feb	09:59
NE edge of Sentianivka (formerly Frunze, non- government- controlled, 44km W of Luhansk)	15-20km	SW	8	Explosion	Undetermined	N/K	19- Feb	10:36- 10:50
E edge of Muratove (government- controlled, 51km NW of	10km	S	8	Explosion	Undetermined (assessed to be the same CFVs as above	N/K	19- Feb	10:36

Luhansk)					observed while in Sentianivka)			
1km W of Zolote (government- controlled, 60km W of	5-6km	SSE	3	Explosion	Undetermined (assessed as outside the disengagement area)	Mortar (type N/K)	19- Feb	11:15
Luhansk)	10-11km	SSW	24	Explosion	Undetermined (assessed as outside the disengagement area)			11:40- 12:50
			6	Burst	Assessed as outside the disengagement area	HMG		
Obozne (non- government- controlled, 18km N of Luhansk)	15km	NW	1	Explosion	Undetermined	N/K	19- Feb	11:18
Almazna (non- government- controlled, 55km W of Luhansk)	7km	NW	23	Burst		HMG	19- Feb	11:22- 11:27
1.5km S of Trokhizbenka (government- controlled, 32km NW of Luhansk)	8km	SSW	3	Explosion	Undetermined	N/K	19- Feb	12:36



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