SMM position	Distance	Direction	Means	No.	Observation	Description	Weapon	Date	Time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)			Recorded	1	Projectile	W to E		21-Mar	20:20
	0.5-1.5km	S		1	Projectile	W to E N/K	N/K	22-Mar	04:41
				1	Explosion	undetermined		22-Mar	04:45
Railway station in Yasynuvata (non- government-controlled, 16km NE of Donetsk)	2-3km	NW		4	Explosion	Undetermined	N/K HMG N/K	22-Mar	10:18-10:20
				4	Explosion				10:47-10:52
	1-2km	NNW		7	Burst				12:23-12:30
	2 01		Heard	12	Shot	Undetermined			
	2-3km	NNW	/	1	Explosion				12:38-12:52
	2-3km	SW		12	Explosion				12 10 12 11
Donetsk central railway	2-3km	NW		4 7	Explosion Explosion				13:10-13:11 14:25-14:31
station (non-government- controlled, 6km NW of the city centre)	2-6km	w	Heard	2	Explosion	Undetermined	N/K	22-Mar	14:35-14:38
Dokuchaievsk (non-	1-2km	W		10	Shot		Small arms		10:25
government-controlled, 30km SW of Donetsk)	3km	SW	Heard	1	Explosion	Undetermined	N/K	22-Mar	11:26
Petrivske (non-government- controlled, 41km S of Donetsk)	6-8km	W	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Mar	10:09
2km SE of Lebedynske (government controlled, 16km NE of Mariupol)	N/K	W	Heard	15	Burst	Assessed as live-fire training (exercise)		22-Mar	12:00-12:05
	3-5km	SE SE	1	Explosion		N/K		18:36	
	3-5km			35	Shot		Small arms	-	18:45-18:51
Svitlodarsk (government- controlled, 57km NE of	3-5km		SSE S SE SSE SSE	1	Explosion		N/K		18:53
				2	Explosion				19:01
	3-5km			21	Shot		Small arms		19:04-19:40
	3-5km			4	Burst		HMG		19:57
	3-5km			49	Shot		Small arms HMG		19:58-20:25
	3-5km 3-5km			2 22	Burst Shot		Small arms		20:48 20:50-21:02
	10-12km			32	Explosion	Undetermined	N/K		21:04-21:02
	10-12km	WSW	40	Burst	Ondetermined	HMG	-	21:04-21:09	
	10-12km	WSW		1	Explosion	Undetermined	N/K	21-Mar 22-Mar	21:04 21:09
	10 12.000	s	S Heard SE S S WSW SE WSW SE WSW S S S S WSW S S S S	2	Shot	Chartenhined	Small arms		21:22
	3-5km			16	Burst		HMG		21:24-21:42
				1	Shot		Small arms		21:59
Donetsk)	3-5km			10	Shot		Small arms		22:10-22:16
	3-5km	S		1	Explosion	Undetermined	N/K		22:20
	3-5km	S		27	Shot		Small arms		22:22-22:39
	10-12km	WSW		2	Explosion	Undetermined	N/K		22:42
	3-5km	SE		20	Shot		Small arms		22:54-23:02
	10-12km	WSW		2	Explosion	Undetermined	N/K		23:05
	3-5km	SE		19	Shot		small arms		23:12-23:22
	10-12km	WSW		2	Explosion	Undetermined	N/K		23:29
	3-5km	S		20	Shot		Small arms		23:43-23:54
	3-5km	S		7	Shot		Small arms		00:02
	10-12km			2	Explosion	Undetermined	N/K		00:10
	3-5km	S		6	Shot	TT 1 / · ·	Small arms N/K		00:18
	10-12km	WSW		2	Explosion	Undetermined		J	00:25

## Table of ceasefire violations as of 22 March 2018<sup>1</sup>

<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.

				2	Shot		Small arms		00:26
	3-5km	S		4	Burst		HMG		02:11
				10	Shot				03:20-03:21
				2	Shot		Small arms		04:55
				2	Shot				04:57
	3-5km	SE		1	Explosion		N/K		07:30
	3-5km	SE		6	Shot		Small arms		09:55
	3-5km	S		6	Burst		HMG		10:06
	6-8km	SE		1	Explosion		N/K		13:05
	3-5km	SE		7	Shot		Small arms		13:16-13:19
	8-10km	SE		2	Explosion		N/K		13:38
	3-5km	S		2	Shot		Small arms		13:47
				3	Shot				14:02
	8-10km	SE		1	Explosion		N/K		14:04
	3-5km	SE		3	Explosion		1N/ K		14:13
	3-5km	SE		3	Shot		Small arms		14:28
	3-5km	S		3	Shot		Small arms		14:29
	12-14km	WSW		1	Explosion	Undetermined	N/K		15:39
				2	Explosion				15:47
	3-5km	S		2	Shot		Small arms		17:10
	3-5km	S		1	Explosion	Undetermined	N/K		17:35
	8-10km	SW		1	Explosion	Undetermined	N/K		17:53
Holmivskyi (non-							Mortar		
government-controlled,	5-6km	NW	Heard	8	Explosion	Undetermined	(120 mm)	22 Mar	12:55-13:01
49km NE of Donetsk)							(1201111)		
NE edge of Kalynove-	5km	wsw	Heard	18	Shot		IFV (BMP-	22-Mar	13:25-13:49
Borshchuvate (non-							2) cannon		
government-controlled,							(30mm)		
61km W of Luhansk)							()		

## Oleksiivka Rubizhne DSICC OSCO NOVOAIDAR SIEVIERODONETSK SHC HASTIA OSCE DSICC Zolote KRAMATORSK Vesela Hora ۲ DISICIE STANYTSIA POPASNA Dovhe O SIC C LUHA NSKA Oleksiievo-Druzhkivka KADIIVKA Kalynove-Borshchuvate osce DSCC LUHANSK ٠ Vidrodzhennia DSICC Holmivskyi SVITLO DA RSK IO SIC C DSICC HORLIVKA DEBALTSEVE DSICC POKROVSK Shevchenko asvnuvata 0 s c e DONETSK Dokuchalevsk Uspenka Ulianivske Petrivske VOLNOVAKHA O SIC C Novopavlivka Staromarivka Topolyne Sartana ٠ Lebedynske OSCO MARIUPOL Date: 23/03/2018

## 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 based on recommendations of security experts from participating States as well as SMM security considerations).