Table of ceasefire violations as of 21 February 2019<sup>1</sup>

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in	2-4km ESE	Recorded	1	Illumination	In vertical	N/K	20-Feb, 19:49
Avdiivka	2-4KIII LOL	Recorded	1	flare	flight	11/10	20-1 (0, 17.47
(government-							
controlled,	3-4km SE	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 04:31
17km N of							ŕ
Donetsk) SMM camera in	1-2km SSE	Recorded	5	Projectile	ENE to WSW	N/K	20-Feb, 18:18
Chermalyk	1-2km SE	Recorded	1	Projectile	NE to SW	N/K	20-Feb, 18:18
(government-	1-3km S	Recorded	6	Projectile	WSW to ENE	N/K	20-Feb, 18:18
controlled,	1-3km SE	Recorded	1	Projectile	NE to SW	N/K	20-Feb, 18:19
31km NE of	1-3km SSE	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 19:22
Mariupol)	1-3km SSE	Recorded	1	Muzzle flash	Ondetermined	N/K	20-Feb, 19:22
• •	1-3km SSE	Recorded	34	Projectile Projectile	ENE to WSW	HMG	20-Feb, 19:22
	1-3km SSE	Recorded	4	Projectile	ENE to WSW	N/K	20-Feb, 19:23
	3-5km S	Recorded	1	Projectile	W to E	N/K	20-Feb, 20:02
	2-4km S	Recorded	2	Projectile	W to E	N/K	20-Feb, 20:03
	4-6km S	Recorded	2	Explosion	Undetermined	N/K	20-Feb, 20:05
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	20-Feb, 20:12
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	20-Feb, 20:34
	3-5km SSE	Recorded	15	Projectile	W to E	N/K	20-Feb, 21:08
	3-5km SSE	Recorded	3	Projectile	W to E	N/K	20-Feb, 21:09
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	20-Feb, 21:10
	3-5km SSE	Recorded	2	Projectile	W to E	N/K	20-Feb, 21:16
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	20-Feb, 22:17
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	20-Feb, 22:17
	8-10km SSE	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 22:32
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	20-Feb, 22:33
	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	20-Feb, 22:34
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	20-Feb, 22:35
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	20-Feb, 22:36
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	20-Feb, 22:37
	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	20-Feb, 22:38
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	20-Feb, 22:39
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	20-Feb, 22:40
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	20-Feb, 22:41
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	20-Feb, 22:55
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	20-Feb, 22:56
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	20-Feb, 23:29
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	20-Feb, 23:30
	2-4km SSE	Recorded	6	Projectile	ENE to WSW	N/K	20-Feb, 23:31
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	20-Feb, 23:32
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	21-Feb, 00:04
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	21-Feb, 00:05
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	21-Feb, 00:06
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	21-Feb, 00:07
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	21-Feb, 00:09
	2-4km SSE	Recorded	2	Projectile Projectile	ENE to WSW	N/K	21-Feb, 00:10
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	21-Feb, 00:11
	2-4km SSE	Recorded	10	Projectile Projectile	ENE to WSW	N/K	21-Feb, 01:15 21-Feb, 01:15
	2-4km SSE 2-4km SSE	Recorded Recorded	3	Projectile Projectile	WSW to ENE WSW to ENE	N/K N/K	,
	2-4km SSE 2-4km SSE	Recorded	16	Projectile	WSW to ENE		21-Feb, 01:37 21-Feb, 01:38
	2-4KIII SSE	Recorded	10	riojectile	WOW TO EINE	N/K	21-160, 01:38

<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.

	2-Akm SSE	Recorded	1	Projectile	ENE to Wew	N/V	21_Feb_02:04
	2-4km SSE 2-4km SSE	Recorded Recorded	4	Projectile Projectile	ENE to WSW WSW to ENE	N/K N/K	21-Feb, 02:04 21-Feb, 02:34
	2-4km SSE 2-4km SSE	Recorded	6	Projectile	WSW to ENE	N/K N/K	21-Feb, 02:34 21-Feb, 02:35
SMM camera at	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 18:46
Donetsk	1-2km SSW	Recorded	3	Projectile	E to W	N/K	20-Feb, 18:53
Filtration	1-2km SSW	Recorded	3	Projectile	W to E	N/K	20-Feb, 19:07
Station (15km N	0.5-1km S	Recorded	3	Projectile	E to W	N/K	20-Feb, 19:43
of Donetsk)	1-2km SSW	Recorded	1	Projectile	W to E	N/K	20-Feb, 19:47
	2-4km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	20-Feb, 19:49
	0.8-1.5km S	Recorded	2	Projectile	ESE to WNW	N/K	20-Feb, 20:11
	300-500m S	Recorded	1	Projectile	NW to SE	N/K	20-Feb, 21:02
	0.8-1.2km S	Recorded	2	Projectile	ESE to WNW	N/K	20-Feb, 21:22
	1-2km S	Recorded	1	Explosion	Outgoing	N/K	20-Feb, 21:40
	0.8-1.5km S	Recorded	2	Projectile	NW to SE	N/K	20-Feb, 21:56
	0.8-1.5km S	Recorded	4	Projectile	NNW to SSE	N/K	20-Feb, 22:01
	0.8-1.5km S	Recorded	1	Projectile	NW to SE	N/K	20-Feb, 22:14
	0.8-1.5km S	Recorded	8	Projectile	NW to SE	N/K	20-Feb, 22:16
	1-2km SSW	Recorded	1	Projectile	WNW to ESE	N/K	21-Feb, 01:38
	0.8-1.2km S	Recorded	1	Projectile	ESE to WNW	N/K	21-Feb, 03:35
	0.8-1.2km S	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 03:35
	0.8-1.2km S	Recorded	1	Projectile	ESE to WNW	N/K	21-Feb, 03:54
	0.8-1.2km S	Recorded	1	Projectile	W to E	N/K	21-Feb, 03:55
	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 04:31
SMM camera	0.8-1.2km S 2-4km E	Recorded Recorded	2	Projectile Projectile	ESE to WNW NE to SW	N/K N/K	21-Feb, 05:39 20-Feb, 18:59
1.5km NE of	3-4km ENE	Recorded	1	Projectile	N to S	N/K	20-Feb, 21:03
Hnutove	3-4km ENE	Recorded	8	Projectile	N to S	N/K	20-Feb, 21:08
(government-	3-4km ENE	Recorded	16	Projectile	N to S	N/K	20-Feb, 21:09
controlled,	3-4km ENE	Recorded	3	Projectile	N to S	N/K	20-Feb, 21:10
20km NE of	3-4km ENE	Recorded	3	Projectile	N to S	N/K	20-Feb, 21:16
Mariupol)	3-4km ESE	Recorded	1	Projectile	N to S	N/K	20-Feb, 21:18
	3-4km ESE	Recorded	3	Projectile	WSW to ENE	N/K	20-Feb, 21:39
	3-4km ESE	Recorded	3	Projectile	WSW to ENE	N/K	20-Feb, 21:40
	3-4km ESE	Recorded	3	Projectile	WSW to ENE	N/K	20-Feb, 21:41
	3-4km ESE	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 22:32
	3-4km ESE	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 04:19
	2-4km ESE	Recorded	3	Projectile	SSW to NNE	N/K	21-Feb, 17:50
	2-4km ESE	Recorded	5	Projectile	SSW to NNE	N/K	21-Feb, 17:51
SMM camera in	2-3km WSW	Recorded	11	Projectile	N to S	N/K	20-Feb, 20:28
Krasnohorivka	2-3km WSW	Recorded	3	Projectile	N to S	N/K	20-Feb, 21:06
(government-	2-3km WSW	Recorded	1	Projectile	N to S	N/K	20-Feb, 21:16
controlled, 21km W of	2-3km WSW	Recorded	3	Projectile	N to S	N/K	20-Feb, 21:19
Donetsk)	2-3km WSW	Recorded	1	Burst	N to S	N/K	20-Feb, 21:40
Donetsk)	2-3km WSW	Recorded	3	Illumination flare	In vertical flight	N/K	21-Feb, 00:37
	3-4km WSW	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 03:01
	3-4km WSW	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 03:07
SMM camera E of Lomakyne (government- controlled, 15km NE of Mariupol)	2-4km ENE	Recorded	1	Burst	WNW to ESE	N/K	20-Feb, 18:18
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-3km E	Recorded	1	Illumination flare	In vertical flight	N/K	21-Feb, 01:03
SMM camera at Oktiabr mine (non-	7-9km NE	Recorded	1	Illumination flare	In vertical flight	N/K	20-Feb, 19:49

government-							
controlled, 9km							
NW of Donetsk							
city centre)							
SMM camera at	2-4km SSE	Recorded	10	Projectile	E to W	N/K	20-Feb, 18:49
entry-exit	2-4km SSE	Recorded	6	Projectile	E to W	N/K	20-Feb, 18:50
checkpoint in	2-4km S	Recorded	2	Explosion	Undetermined	N/K	20-Feb, 18:59
Pyshchevyk	2-4km S	Recorded	3	Projectile	W to E	N/K	20-Feb, 20:02
(government-	2-4km S	Recorded	2	Projectile	E to W	N/K	20-Feb, 20:02
controlled,	2-4km S	Recorded	3	Projectile	W to E	N/K	20-Feb, 20:03
25km NE of	2-4km S	Recorded	1	Projectile	W to E	N/K	20-Feb, 20:12
Mariupol)	2-4km S	Recorded	1	Projectile	W to E	N/K	20-Feb, 21:31
	2-4km SSE	Recorded	4	Projectile	W to E	N/K	20-Feb, 21:34
	2-4km SSE 2-4km SSE	Recorded	2	Projectile	W to E	N/K	20-Feb, 21:39
	2-4km SSE	Recorded	1	Projectile	W to E	N/K	20-Feb, 21:41
							·
	2-4km S	Recorded	1	Projectile	E to W	N/K	20-Feb, 22:24
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 22:31
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 22:32
	2-4km S	Recorded	1	Projectile	W to E	N/K	20-Feb, 22:44
	2-4km S	Recorded	1	Projectile	E to W	N/K	20-Feb, 22:59
	2-4km S	Recorded	2	Projectile	E to W	N/K	20-Feb, 23:01
	2-4km S	Recorded	1	Projectile	E to W	N/K	20-Feb, 23:03
	2-4km S	Recorded	1	Projectile	E to W	N/K	20-Feb, 23:27
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	20-Feb, 23:50
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	21-Feb, 00:24
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 00:35
	2-4km S	Recorded	1	Projectile	W to E	N/K	21-Feb, 00:58
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 01:28
	2-4km S	Recorded	4	Projectile	E to W	N/K	21-Feb, 02:22
	2-4km S	Recorded	2	Projectile	E to W	N/K	·
					E to W		21-Feb, 02:23
	2-4km SSE	Recorded	3	Projectile		N/K	21-Feb, 03:12
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	21-Feb, 04:19
SMM camera	2-4km S 2-4km NNE	Recorded Recorded	1	Projectile Projectile	E to W ESE to WNW	N/K N/K	21-Feb, 17:58 21-Feb, 01:06
1km SW of Shyrokyne (government- controlled, 20km E of Mariupol)	2-4km NNE	Recorded	2	Projectile	ESE to WNW	N/K	21-Feb, 01:09
About 2km N of Petrivske (non- government- controlled, 41km S of	3-4km SW	Heard	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	21-Feb, 10:40
Donetsk)	3-4km SW	Heard	1	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	21-Feb, 10:41
	3-4km SW	Heard	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	21-Feb, 10:43
	3-4km SW	Heard	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	21-Feb, 10:50
	3-4km SW	Heard	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	21-Feb, 11:00

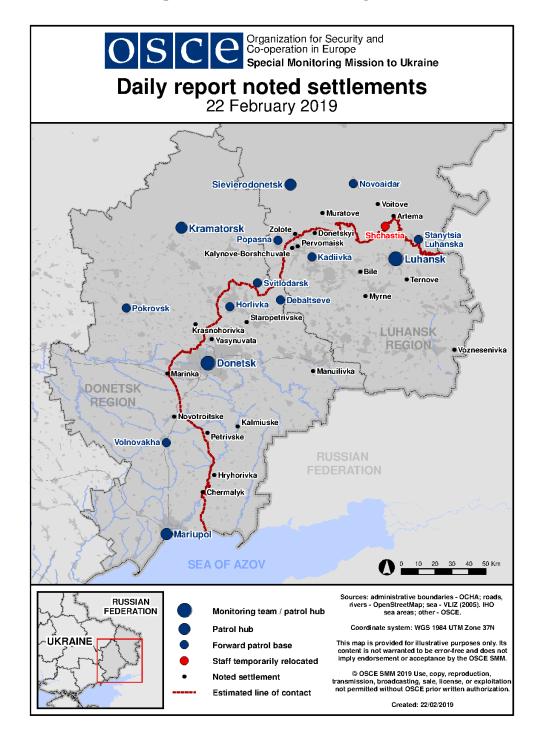
	T	1	1	1		1	1
					Undetermined (assessed as		
	2-3km SSW	Heard	1	Explosion	inside the	N/K	21-Feb, 11:15
	2-3KIII 33 W	Tiearu	1	Explosion	disengagement	IN/IX	21-1-60, 11.13
					area)		
About 2.5km	3-4km SW	Heard	1	Explosion	Undetermined	N/K	21-Feb, 10:43
NNW of the	2-3km SSW	Heard	7	Explosion	Undetermined	N/K	21-Feb, 10:47
railway station							
in Yasynuvata (non-							
government-	2-3km S	Heard	4	Explosion	Undetermined	N/K	21-Feb, 10:47
controlled,	2 3 1111 5	Trourd	'	Emplosion	Chacterninea	10,11	21 1 00, 10.17
16km NE of							
Donetsk)							
About 1km NW	2-3km SSW	Heard	6	Shot		Small	21-Feb, 09:10
of the railway station in						arms Small	
Yasynuvata	2km W	Heard	2	Shot		arms	21-Feb, 09:12
(non-	2 21 CW	TT 1	10	GI 4		Small	21 E 1 00 12
government-	2-3km SW	Heard	10	Shot		arms	21-Feb, 09:13
controlled,	2-3km NW	Heard	1	Shot		Small	21-Feb, 09:41
16km NE of Donetsk)						arms	·
Donetsk)	3-4km SW	Heard	2	Explosion	Undetermined	N/K Small	21-Feb, 09:42
	2-3km SW	Heard	5	Burst		arms	21-Feb, 09:43
						Mortar	
	1-3km SW	Heard	1	Explosion	Outgoing	(type	21-Feb, 10:14
				1		N/K)	,
	3-4km SW	Heard	3	Explosion	Impact	N/K	21-Feb, 10:17
	2km N	Heard	2	Shot		Cannon	21-Feb, 12:34
						(30mm)	
	2km N	Heard	6	Shot		Cannon (30mm)	21-Feb, 12:35
	2km N	Heard	1	Burst		HMG	21-Feb, 12:36
	2km N	Heard	1	Shot		Small	21-Feb, 12:37
	ZKIII IN	nearu	1	Shot		arms	21-Feb, 12.37
	2-3km SW	Heard	1	Shot		Small	21-Feb, 12:57
						arms	<u>'</u>
	2km N	Heard	2	Shot		Small arms	21-Feb, 12:58
						Small	1
	2.5km WSW	Heard	6	Shot		arms	21-Feb, 12:59
	2km N	Heard	2	Shot		Cannon	21-Feb, 13:00
	ZKIII IV	Ticard		Shot		(30mm)	21-1-0, 13.00
	2km N	Heard	2	Shot		Cannon	21-Feb, 13:02
						(30mm) Cannon	<u> </u>
	2km N	Heard	4	Shot		(30mm)	21-Feb, 13:03
	2-3km N	Heard	1	Explosion	Undetermined	N/K	21-Feb, 13:04
	2km N		4	Shot		Cannon	21 Feb 13:05
	ZKIII IN	Heard	4	Shot		(30mm)	21-Feb, 13:05
	2km N	Heard	6	Shot		Cannon	21-Feb, 13:08
	3-4km SW	Heard	1	Explosion	Undetermined	(30mm) N/K	21-Feb, 13:31
	3-4km SW	Heard	1	Explosion	Undetermined	N/K N/K	21-Feb, 13:38
				•	2.1.30termined	Small	
	2-3km N	Heard	20	Shot		arms	21-Feb, 13:42
	4-6km SW	Heard	2	Explosion	Undetermined	N/K	21-Feb, 13:52-
				_			13:53
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	21-Feb, 13:54
	2-3km SW 2-3km SW	Heard	1	Explosion Explosion	Impact Undetermined	N/K N/K	21-Feb, 13:56
8.5km NW of	2-3KIII 3 W	Heard	1	Evhiosion	Undetermined	11/15	21-Feb, 13:57
non-	1-3km NW	Heard	7	Explosion	Undetermined	N/K	21-Feb, 11:33-
government-							11:55
				_			

Donests   Community   Controlled,   Additivation   Community   Controlled,   Controlled,   Community   Controlled,   Controlled,   Community   Controlled,   Controlled,   Community   Controlled,   Community   Controlled,   Community   Controlled,   Community   Controlled,   Controlle		1	1		ı		•	1
Separt of Avditivka   Cgovernment-controlled, 17km No for Donests)   Separt of Avditivka (government-controlled, 17km No for Donests)   Separt of No for No fo	controlled							
SE part of Addivka (government-controlled, 17km N of Donetsk)	Donetsk city							
Auditivia   Converment-controlled, 17km N of Donesks								
Controlled, 17km N of Donests   Part   Par	-							
Controlled,   17km N of   Donestsk   N/K SE								
Controlled, 17km N of Donestsk   N/K SE	·C	2-3km SSF	Heard	1	Explosion	Undetermined	N/K	21-Feb 11:58
Donests   N/K SE	controlled,	2-3KIII SSE	Ticaru	1	Explosion	Ondetermined	14/15	21-100, 11.30
Novohnativka (government-controlled, 40km 8 of Donetsk)								
(government-controlled, 40km S of Donests)								
Donetsk   S-6km SE	Novohnativka							
Sylidodarsk   Sylidodarsk   Sylidodarsk   Sylidodarsk   Sylidodarsk   Sylidodarsk   Sylidodarsk   Solidodarsk	(government-							
Donetsk   Systindarsk   S-6km SE	controlled,	N/K SE	Heard	2	Explosion	Undetermined	N/K	21-Feb, 10:57
Svithodarsk (government controlled, 5-6km SE   Heard   1   Explosion   Undetermined   N/K   20-Feb, 21-16	40km S of							
(government-controlled, 57km NE of Donetsk)         5-6km SE         Heard         1         Explosion         Undetermined         N/K         20-Feb, 21:23         20-Feb, 21:23         20-Feb, 21:24         21:25         20-Feb, 21:26         21:24         21:25         20-Feb, 21:26         21:24         20-Feb, 21:26         21:25         20-Feb, 21:26         21:25         20-Feb, 21:26         21:25         20-Feb, 21:26         21:56         20-Feb, 21:26         21:50         20-Feb, 21:26         20-Feb, 21:50         20-Feb, 21:50         20-Feb, 21:50         20-Feb, 21:50         20-Feb, 21	Donetsk)							
S7km NE of Donetsk   S7km NE of S8km NW    Heard   S8    Burst	Svitlodarsk	5-6km SE	Heard	1	Explosion	Undetermined	N/K	20-Feb, 19:49
4-5km S	(government-	5-6km SE	Heard	1	Explosion	Undetermined	N/K	20-Feb, 21:16
Donetsk	controlled,	5-6km SE	Heard	1	Explosion	Undetermined	N/K	20-Feb, 21:23
Donetsk	57km NE of	4.51 0	11 1	0	D (		IIMC	20-Feb, 21:24-
4-5km SW	Donetsk)	4-5Km S	Heard	8	Burst		HMG	
4-5km SW		5-6km SSW	Heard	1	Explosion	Undetermined	N/K	20-Feb, 21:27
S-6km S				3	•			
A-5km SSW						TT 1.		20-Feb, 21:40-
4-5km SSW		5-6km S	Heard	4	Explosion	Undetermined	N/K	
5-6km SSW		4 51 00777			_			
5-6km SSW		4-5km SSW	Heard	9	Burst		HMG	
4-5km S		5-6km SSW	Heard	1	Explosion	Undetermined	N/K	
4-5km S					•			
6-7km S				_				
5-6km SSW				_		Undetermined		
S-6km SSW					_			
S-6km SSW					•			
S-6km SSW				_	•	Undetermined		
S-6km SSW						Undatarminad		
S-6km SSW			_		•	Undetermined		
Horlivka (nongovernment-controlled, 39km NFG of Donetsk)			_			II. determined		
Sokin WNW	TT 1' 1 /	3-0KIII 33 W	Heard	1	Explosion	Undetermined		21-Feb, 16:30
Controlled, 39km NE of Donetsk   6-8km WNW	·	6-8km WNW	Heard	3	Burst			20-Feb, 18:30
39km NE of Donetsk)  6-8km WNW	C	C Olara WAWA	IId	-	Downst			20 E-l- 19-20
Donetsk   G-8km WNW		0-8KIII WINW	пеаги	3	Durst		пио	
18:39		6-8km WNW	Heard	3	Explosion	Undetermined	N/K	'
6-8km WNW         Heard         1         Explosion         Undetermined         N/K         20-Feb, 18:55           5-6km W         Heard         2         Explosion         Undetermined         N/K         20-Feb, 19:01           6-8km WNW         Heard         10         Explosion         Undetermined         N/K         20-Feb, 19:25-19:30           6-8km WNW         Heard         1         Explosion         Undetermined         N/K         20-Feb, 20:00-20:00-20:02           6-8km WNW         Heard         3         Burst         HMG         20-Feb, 20:03-20:02           6-8km WNW         Heard         1         Explosion         Undetermined         N/K         20-Feb, 20:03-20:04           6-8km WNW         Heard         1         Burst         Cannon (30mm)         20-Feb, 20:39-20:41           6-8km WNW         Heard         5         Explosion         Undetermined         N/K         20-Feb, 20:39-20:41           6-8km WNW         Heard         1         Burst         Cannon (30mm)         20-Feb, 20:53           6-8km WNW         Heard         2         Explosion         Undetermined         N/K         20-Feb, 20:59           6-8km WNW         Heard         4         Explosion <t< td=""><td>Dolletsk)</td><td>6 01 WANT</td><td>77 1</td><td>- 2</td><td></td><td>TT 1</td><td>NI/IZ</td><td></td></t<>	Dolletsk)	6 01 WANT	77 1	- 2		TT 1	NI/IZ	
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6-8km WNW         Heard         10         Explosion         Undetermined         N/K         20-Feb, 19:25-19:30           6-8km WNW         Heard         1         Explosion         Undetermined         N/K         20-Feb, 19:43           6-7km WNW         Heard         Shot and burst         Uncountable, overlapping         Other 20:02         20-Feb, 20:00-20:02           6-8km WNW         Heard         1         Explosion         Undetermined         N/K         20-Feb, 20:03           6-8km WNW         Heard         1         Burst         Cannon (30mm)         20-Feb, 20:39-20:41           6-8km WNW         Heard         5         Explosion         Undetermined         N/K         20-Feb, 20:39-20:41           6-8km WNW         Heard         10         Burst         Cannon (30mm)         20-Feb, 20:53           6-8km WNW         Heard         2         Explosion         Undetermined         N/K         20-Feb, 20:59           6-8km WNW         Heard         1         Burst         HMG         20-Feb, 21:02-21:02-21:02-21:06           5-7km WNW         Heard         1         Explosion         Undetermined         N/K         20-Feb, 21:03-21:02-21:06           6-8km WNW         Heard         1         Expl				_	_			
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6-7km WNW         Heard         Shot and burst         Uncountable, overlapping         Other         20-Feb, 20:00-20:02           6-8km WNW         Heard         3         Burst         HMG         20-Feb, 20:03           6-8km WNW         Heard         1         Explosion         Undetermined         N/K         20-Feb, 20:04           6-8km WNW         Heard         1         Burst         Cannon (30mm)         20-Feb, 20:39-20:41           6-8km WNW         Heard         10         Burst         Cannon (30mm)         20-Feb, 20:53           6-8km WNW         Heard         2         Explosion         Undetermined         N/K         20-Feb, 20:59           6-8km WNW         Heard         1         Burst         HMG         20-Feb, 20:59           6-8km WNW         Heard         1         Burst         HMG         20-Feb, 21:02-21:02-21:02-21:02-21:06           5-7km WNW         Heard         1         Explosion         Undetermined         N/K         20-Feb, 21:08-21:02-21:06           6-8km WNW         Heard         1         Explosion         Undetermined         N/K         20-Feb, 21:11           6-8km WNW         Heard         1         Explosion         Undetermined         N/K         20-Feb,					•			
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6-8km WNW         Heard         4         Explosion         Undetermined         N/K         21:06           5-7km WNW         Heard         1         Explosion         Undetermined         N/K         20-Feb, 21:08           6-8km WNW         Heard         1         Explosion         Undetermined         N/K         20-Feb, 21:11           6-8km WNW         Heard         1         Burst         HMG         20-Feb, 21:14           6-8km WNW         Heard         5         Explosion         Undetermined         N/K         20-Feb, 21:15-		6-8km WNW	Heard	1	Burst		HMG	20-Feb, 21:00
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6-8km WNW Heard 5 Explosion Undetermined N/K 20-Feb, 21:15-			_	1	•			
				_		Had-t		20-Feb, 21:15-
		0-0KM WNW	пеага	3	Explosion	Undetermined	1N/ IX	21:16

	6-8km WNW	Heard	1	Explosion	Undetermined	N/K	20-Feb, 21:25
	6-8km WNW	Heard		Shot and	Uncountable,	Other	20-Feb, 21:50-
			2	Burst	overlapping		21:52
	6-8km WNW 5-7km WNW	Heard Heard	3	Burst Burst		HMG HMG	20-Feb, 21:57 20-Feb, 22:35
	6-8km WNW	Heard	2	Explosion	Undetermined	N/K	20-Feb, 22:56
	5-6km W	Heard	4	Explosion	Undetermined	N/K	20-Feb, 23:08
E edge of Holmivskyi (non- government controlled, 49km NE of Donetsk)	2-3km NE	Heard	1	Burst		HMG	21-Feb, 09:59
About 500m NE	4-6km SE	Heard	4	Explosion	Undetermined	N/K	21-Feb, 10:48
of Kamianka (government- controlled, 20km N of Donetsk)	4-5km SE	Heard	1	Explosion	Undetermined	N/K	21-Feb, 13:31
SMM camera in	2-4km SSW	Recorded	1	Projectile	ESE to WNW	N/K	20-Feb, 19:51
Kriakivka (government- controlled, 38km NW of Luhansk)	5-7km SSW	Recorded	3	Projectile	In vertical flight	N/K	20-Feb, 20:25
SMM camera in Zolote (government- controlled, 60km W of Luhansk)	4-5km ESE	Recorded	1	Burst	N to S (assessed as outside the disengagement area)	N/K	20-Feb, 23:34
1.5km SW of Molodizhne (non- government- controlled, 63km NW of Luhansk)	5-7km SW	Heard	5	Shot		НМС	21-Feb, 09:25- 09:27
Zolote- 5/Mykhailivka (non- government- controlled, 58km W of	1-2km NW	Heard	31	Burst	Unable to assess whether inside or outside the disengagement area	Small arms	21-Feb, 10:08- 10:33
Luhansk)	1-2km NW	Heard	4	Shot	Unable to assess whether inside or outside the disengagement area	Small arms	21-Feb, 10:08- 10:33
	1-2km NW	Heard	3	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	21-Feb, 10:08- 10:33
Holubivske (non- government- controlled, 51km W of Luhansk)	2-3km WSW	Heard	40	Shot	Assessed as outside the Zolote disengagement area	Small arms	21-Feb, 10:10- 10:17
E outskirts of Holubivske	2-3km N	Heard	2	Explosion	Undetermined	Mortar (type	21-Feb, 10:32

(non-						N/K)	
government-							
controlled,							
51km W of							
Luhansk)							
N edge of	3-4km SW	TT 1	-	D 4		IDAC	21-Feb, 10:45-
Muratove	3-4KM S W	Heard	5	Burst		HMG	10:46
(government-	3-4km SW	Heard	2	Explosion	Undetermined	N/K	21-Feb, 10:49
controlled,	2 41 6777		100	GI .		Small	21-Feb, 10:56-
51km NW of	3-4km SW	Heard	100	Shot		arms	11:15
Luhansk)	3-4km SW	Heard	2	Burst		HMG	21-Feb, 11:07
2km S of	2-3km SW	Heard	1	Explosion	Undetermined	N/K	21-Feb, 12:07
Muratove				,			,
(government-							21 5 1 12 10
controlled,	2-5km S	Heard	14	Burst		HMG	21-Feb, 12:40-
51km NW of							12:43
Luhansk)							
1.5km NE of						Mortar	21 51 11 27
Dachne (non-	3-4km NNW	Heard	2	Explosion	Undetermined	(type	21-Feb, 11:25-
government-				•		N/K)	11:38
controlled,						Small	21 E-k 11.25
47km W of	2-3km NNW	Heard	3	Shot			21-Feb, 11:25- 11:38
Luhansk)						arms	11:56
N edge of							
Sentianivka							
(formerly						Mortar	
Frunze, non-	8-10km NW	Heard	4	Evalosion	Undetermined		21-Feb, 11:56-
government-	8-10km N W	Heard	4	Explosion	Undetermined	(type	12:13
controlled,						N/K)	
44km W of							
Luhansk)							
SMM camera on							
N edge of							
Popasna							
(government-	2-4km E	Recorded	1	Explosion	Undetermined	N/K	20-Feb, 20:51
controlled,							
69km W of							
Luhansk)							

## Map of Donetsk and Luhansk regions<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).