

Table of ceasefire violations as of 20 May 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date and time
SMM camera in Zolote (government-controlled, 60km NW of Luhansk)	1-3km SE	Recorded	1	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	18-May, 20:41
	1-3km S	Recorded	1	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	18-May, 20:47
	1-3km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-May, 20:51
	1-3km S	Recorded	1	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	18-May, 20:53
	1-3km SW	Recorded	1	Explosion	Undetermined; (assessed as outside the disengagement area)	N/K	18-May, 20:53
	5-6km E	Recorded	1	Muzzle flash	Followed by a projectile (assessed as outside the disengagement area)	N/K	19-May, 21:02

¹ 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.

5-6km E	Recorded	1	Projectile	N to S	N/K	19-May, 21:02
3-5km ENE	Recorded	1	Muzzle flash	Assessed as outside the disengagement area)	N/K	19-May, 21:02
3-5km E	Recorded	2	Explosion	Outgoing, followed by a projectile; (assessed as outside the disengagement area)	N/K	19-May, 21:03
5-6km E	Recorded	3	Projectile	N to S	N/K	19-May, 21:03
3-5km ESE	Recorded	1	Explosion	Outgoing (assessed as outside the disengagement area)	N/K	19-May, 21:03
5-7km ESE	Recorded	16	Other	Airbursts (assessed as outside the disengagement area)	N/K	19-May, 21:06
5-7km E	Recorded	4	Other	Airbursts (assessed as outside the disengagement area)	N/K	19-May, 21:06
6-8km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	19-May, 21:07
5-7km E	Recorded	1	Other	Airbursts (assessed as outside the disengagement area)	N/K	19-May, 21:07
5-7km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	19-May, 21:07
3-5km ESE	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	19-May, 21:22

	6-8km ESE	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	19-May, 21:53
	6-8km ENE	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	19-May, 21:54
	6-10km ENE	Recorded	1	Projectile	NW to SE	N/K	19-May, 21:54
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km W	Recorded	1	Projectile	S to N	N/K	18-May, 22:44
	1-3km W	Recorded	1	Projectile	S to N	N/K	19-May, 20:51
	2-4km W	Recorded	1	Explosion	Undetermined	N/K	19-May, 21:09
	2-4km W	Recorded	2	Projectile	S to N	N/K	19-May, 21:10
	2-4km W	Recorded	11	Projectile	S to N	N/K	19-May, 21:11
	2-4km W	Recorded	1	Projectile	S to N	N/K	19-May, 22:18
	2-4km W	Recorded	1	Projectile	S to N	N/K	19-May, 22:45
	1-3km W	Recorded	1	Projectile	S to N	N/K	20-May, 01:02
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	1km W	Recorded	2	Explosion	(Unable to assess whether inside or outside the disengagement area)	N/K	9-May, 16:30
	1km W	Recorded	1	Explosion	(Unable to assess whether inside or outside the disengagement area)	N/K	9-May, 16:31
Petrivske (non-government-controlled, 41km S of Donetsk)	3-4km W	Heard	36	Burst		Small arms	19-May, 11:30-11:35
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km NW	Heard	4	Explosion	Undetermined	N/K	18-May, 18:13-18:15
	4-5km NW	Heard	14	Explosion	Undetermined	Tank (type N/K)	18-May, 18:25-18:30
	4-5km	Heard	18	Explosion	Undetermined	Tank (type)	18-May, 18:33-

WNW					N/K)	18:56
4-5km WNW	Heard	9	Burst		HMG	18-May, 19:09
4-5km WNW	Heard	9	Explosion	Undetermined	N/K	18-May, 19:12-19:14
3-4km NW	Heard	5	Burst		HMG	18-May, 19:15
4-5km NW	Heard	10	Explosion	Undetermined	Tank (type N/K)	18-May, 19:17-19:18
6-7km NW	Heard	20	Burst		HMG	18-May, 19:18
6-7km NW	Heard	3	Explosion	Undetermined	N/K	18-May, 19:20
6-7km NW	Heard	1	Explosion	Undetermined	N/K	18-May, 19:25
6-7km NW	Heard	2	Explosion	Undetermined	N/K	18-May, 19:41
3-5km WNW	Heard	10	Explosion	Undetermined	Tank (type N/K)	18-May, 19:45
4-5km WNW	Heard	5	Explosion	Undetermined	Tank (type N/K)	18-May, 20:19
6-7km NW	Heard	7	Explosion	Undetermined	Tank (type N/K)	18-May, 20:32-20:37
6-7km NW	Heard	9	Burst		HMG	18-May, 20:44
6-7km NW	Heard	12	Explosion	Undetermined	Tank (type N/K)	18-May, 20:48-20:56
4-5km W	Heard	20	Shots and bursts	Undetermined	N/K	18-May, 20:58
4-5km NW	Heard	12	Burst		HMG	18-May, 21:02
4-5km WNW	Heard	10	Shot	Undetermined	N/K	18-May, 21:08
4-5km W	Heard	4	Explosion	N/K	Tank (type N/K)	18-May, 21:19
6-7km WNW	Heard	13	Burst		HMG	18-May, 21:23
4-5km NW	Heard	1	Explosion	Undetermined	Tank (type N/K)	18-May, 21:38

	4-5km W	Heard	4	Explosion	Undetermined	Tank (type N/K)	18-May, 21:46
	4-5km W	Heard	4	Shot	Outgoing	IFV (BMP-2)	18-May, 21:55
	500- 1000m W	Heard	40	Explosion	Outgoing	Artillery (type N/K)	19-May, 01:30- 04:00
	4-6km WNW	Heard	20	Explosion	Undetermined	N/K	19-May, 05:00- 05:45
	3-4km W	Heard	8	Explosion	Undetermined	N/K	19-May, 07:19
	3-4km WSW	Heard	1	Explosion	Undetermined	N/K	19-May, 07:57
	3-4km WSW	Heard	3	Burst		Small arms	19-May, 11:30
	1-2km SW	Heard	3	Shot		IFV (BMP-2)	19-May, 14:28- 14:30
	3-4km SW	Heard	2	Burst		Small arms	19-May, 14:31
	3-4km SW	Heard	2	Burst		Small arms	19-May, 14:44
	3-4km SW	Heard	2	Burst		Small arms	19-May, 14:51
	4-5km W	Heard	1	Explosion	Undetermined	N/K	19-May, 17:01
	4-5km WNW	Heard	1	Explosion	Undetermined	N/K	19-May, 17:23
Svitlodarsk (government- controlled, 57km NE of Donetsk)	3-5km SE	Heard	1	Explosion	Undetermined	N/K	18-May, 18:03
	6-8km SW	Heard	4	Explosion	Undetermined	N/K	18-May, 18:30- 18:34
	5-7km SE	Heard	1	Explosion	Undetermined	N/K	18-May, 18:37
	5-7km E	Heard	2	Explosion	Undetermined	N/K	18-May, 19:20
	10-15km SSW	Heard	8	Explosion	Undetermined	Artillery (type N/K)	18-May, 19:23- 19:27
	10-15km SSW	Heard	8	Explosion	Undetermined	Artillery (type N/K)	18-May, 19:50- 19:53
	10-15km WSW	Heard	34	Explosion	Undetermined	Artillery (type N/K)	18-May, 20:00- 20:18

5-7km SE	Heard	1	Explosion	Undetermined	N/K	18-May, 20:19
10-15km SSW	Heard	5	Explosion	Undetermined	Artillery (type N/K)	18-May, 20:19-20:23
3-5km SE	Heard	7	Burst		Small arms	18-May, 20:50
3-5km SE	Heard	1	Explosion	Undetermined	N/K	18-May, 20:52
4-5km S	Heard	12	Shot		Small arms	18-May, 20:58
4-5km SE	Heard	1	Explosion	Undetermined	N/K	18-May, 21:02
3-5km S	Heard	3	Shot		Small arms	18-May, 21:05
3-5km S	Heard	6	Burst		Small arms	18-May, 21:05
3-5km S	Heard	1	Shot		Small arms	18-May, 21:05
4-5km SE	Heard	5	Burst		Small arms	18-May, 21:11
4-5km SE	Heard	23	Burst		HMG	18-May, 21:12-21:15
4-5km SE	Heard	1	Explosion	Outgoing	Recoilless gun (SPG-9, 73mm)	18-May, 21:14
4-5km SE	Heard	45	Burst		Small arms	18-May, 21:17-21:19
4-5km SE	Heard	27	Burst		HMG	18-May, 21:17-21:19
4-5km SE	Heard	2	Explosion	Outgoing	Recoilless gun (SPG-9)	18-May, 21:20
4-5km SE	Heard	45	Burst		HMG	18-May, 21:20-21:25
4-5km SE	Heard	3	Explosion	Outgoing	Rocket-propelled grenade (RPG)	18-May, 21:23-21:25
4-5km SE	Heard	38	Burst		HMG	18-May, 21:20-21:25
4-5km SE	Heard	3	Burst		Small arms	18-May, 21:30

4-5km SE	Heard	9	Burst		Small arms	18-May, 21:32-21:34
4-5km SE	Heard	1	Explosion	Undetermined	N/K	18-May, 21:55
4-5km SE	Heard	3	Burst		Small arms	18-May, 22:01
4-5km SE	Heard	25	Burst		Small arms	18-May, 22:10-22:15
4-5km SE	Heard	3	Explosion	Undetermined	N/K	18-May, 22:17-22:20
4-5km SE	Heard	22	Burst		Small arms	18-May, 22:17-22:20
4-5km SW	Heard	17	Burst		HMG	18-May, 22:25-22:30
4-5km SE	Heard	43	Burst		Small arms	18-May, 22:27-22:40
4-5km SE	Heard	28	Burst		HMG	18-May, 22:27-22:40
5-6km SE	Heard	1	Explosion	Undetermined	N/K	18-May, 22:41
4-5km SE	Heard	25	Burst		Small arms	18-May, 22:42-22:45
4-5km S	Heard	8	Burst		Small arms	18-May, 22:46-22:47
4-5km SE	Heard	16	Burst		Small arms	18-May, 22:50-22:52
4-5km SE	Heard	2	Explosion	Undetermined	N/K	18-May, 22:58-23:00
4-5km SE	Heard	27	Burst		Small arms	18-May, 22:58-23:00
4-5km SE	Heard	7	Burst		HMG	18-May, 23:01
4-5km SE	Heard	23	Burst		Small arms	18-May, 23:07-23:12
4-5km SE	Heard	16	Burst		HMG	18-May, 23:15-23:17
4-5km SE	Heard	3	Explosion	Undetermined	N/K	18-May, 23:16
4-5km SE	Heard	33	Burst		Small arms	18-May, 23:16-23:20
4-5km SE	Heard	27	Burst		Small arms	18-May, 22:25-22:28
4-5km SE	Heard	21	Burst		HMG	18-May, 22:25-

							22:32
	4-6km WSW	Heard	5	Burst		HMG	19-May, 00:12
	4-6km WSW	Heard	7	Shot		Small arms	19-May, 00:13
	4-6km WSW	Heard	1	Explosion	Undetermined	N/K	19-May, 00:15
	4-5km SE	Heard	2	Burst		Small arms	19-May, 05:25
	10-15km SW	Heard	5	Explosion	Undetermined	N/K	19-May, 05:35-05:45
	8-10km SW	Heard	1	Explosion	Undetermined	N/K	19-May, 05:54
	10-12km SW	Heard	4	Explosion	Undetermined	N/K	19-May, 07:25-07:28
	8-12km SW	Heard	1	Explosion	Undetermined	N/K	19-May, 09:25-09:30
	8-12km SW	Heard	1	Explosion	Undetermined	N/K	19-May, 09:38-09:48
	8-12km SW	Heard	1	Explosion	Undetermined	N/K	19-May, 09:52
	4-6km NW	Heard	11	Shots And Bursts		Small arms	19-May, 16:45
2.6km ENE of Krasnohorivka (government-controlled, 24km N of Donetsk)	4-6km S	Heard	2	Explosion	Undetermined	N/K	19-May, 07:51
Kruta Balka (non-government controlled, 16km N of Donetsk)	3-4km SW	Heard	2	Explosion	Undetermined	N/K	19-May, 08:44
	3-4km SW	Heard	3	Burst		Small arms	19-May, 08:45
	500-600m SW	Heard	10	Burst		HMG	19-May, 10:04
	1km NW	Heard	3	Burst		Small arms	19-May, 10:04
	500m SW	Heard	12	Burst		HMG	19-May, 10:26
	200m NW	Heard	8	Burst		HMG	19-May, 10:27
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	19-May, 11:05

	2-3km SW	Heard	2	Burst		HMG	19-May, 11:53
	200-800m SW	Heard	Uncountable	Shot	Assessed as aimed at an SMM UAV	Small arms	19-May, 12:13-12:14
	600m SE	Heard	1	Explosion	Undetermined	Rocket-propelled grenade (RPG)	19-May, 12:20
Bohdanivka (government-controlled, 41km S of Donetsk)	N/K ENE	Heard	87	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	19-May, 11:14-11:30
	N/K ENE	Heard	33	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	19-May, 11:30-11:34
Pikuzy (non-government-controlled, 23km NE of Mariupol)	N/K S	Heard	3	Burst	Undetermined	Small arms	19-May, 11:08-11:30
	N/K E	Heard	30	Shot	Undetermined	Small arms	19-May, 11:08-11:30
Debaltseve (non-government-controlled, 58km NE of Donetsk)	5-8km NNW	Heard	1	Explosion	Undetermined	N/K	18-May, 18:54
	5-8km NNW	Heard	1	Explosion	Undetermined	N/K	18-May, 19:21
1.9km NW of Debaltseve (non-government-controlled, 58km NE of Donetsk)	5-8km NW	Heard	1	Explosion	Undetermined	N/K	19-May, 09:16
	5-8km N	Heard	1	Explosion	Undetermined	N/K	19-May, 09:21
	5-8km NNW	Heard	3	Explosion	Undetermined	N/K	19-May, 09:27-09:39
	5-8km NNW	Heard And Saw	1	Explosion	Undetermined	N/K	19-May, 09:46
	5-8km NNW	Heard	2	Explosion	Undetermined	N/K	19-May, 09:53-09:55
	1km S	Heard and saw	1	Explosion	Assessed as demining activity		20 May, 15:00
Railway station in Yasynuvata	3-4km WNW	Heard	5	Burst		HMG	19-May, 10:03

(non-government-controlled, 16km NE of Donetsk)	3-4km WNW	Heard	26	Burst		Small arms	19-May, 10:22
1.1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-3km NW	Heard	1	Shot		Small arms	19-May, 09:10
	3-4km SW	Heard	4	Shot		Small arms	19-May, 09:57-09:59
	800-1000m NW	Heard	37	Burst		HMG	19-May, 10:05-10:25
	5km NW	Heard	1	Explosion	Undetermined	N/K	19-May, 11:05
	5km SW	Heard	2	Burst		Small arms	19-May, 11:47
	6-7km SW	Heard	45	Shot		Small arms	19-May, 12:15-12:18
	6-7km SW	Heard	2	Burst		HMG	19-May, 12:15-12:18
	800m SE	Heard	1	Explosion	Undetermined	N/K	19-May, 12:23
	3-4km S	Heard	2	Explosion	Undetermined	N/K	19-May, 12:39
Avdiivka (government-controlled, 17km N of Donetsk)	1-2km SE	Heard	1	Burst		Small arms	19-May, 08:48
	1-2km SE	Heard	1	Burst		HMG	19-May, 11:05
	1-2km SE	Heard	6	Shot		Small arms	19-May, 11:05-11:09
Donetsk Filtration Station (15km N of Donetsk)	2-3km ESE	Heard	19	Shot		Small arms	19-May, 12:09
	2-3km W	Heard	4	Burst		Small arms	19-May, 12:09
	2-3km SW	Heard	3	Explosion	Undetermined	N/K	19-May, 12:38
Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	1-2km WNW	Heard	15	Burst	N/K (assessed as outside the disengagement area)	Small Arms	18-May, 18:57-18:59
	2-3km WNW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-May, 18:58-18:59

NW outskirts of Pervomaisk (non-government-controlled, 58km W of Luhansk)	4-5km SW	Heard	5	Shot		Small Arms	19-May, 15:25
1.1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1km SW	Heard And Saw	1	Explosion	Airburst	N/K	20-May, 10:12
	1-2km SW	Heard	1	Explosion	Undetermined	N/K	20-May, 10:18
	1-2km W	Heard	1	Burst		HMG	20-May, 11:03
	1-2km NNW	Heard	35	Shot		Small arms	20-May, 11:37-11:43
	1-2km NNW	Heard	3	Burst		Small arms	20-May, 11:37-11:43
	1-2km SW	Heard	3	Shot		Small arms	20-May, 11:57
	1-2km NNW	Heard	5	Shot		Small arms	20-May, 12:01
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	20-May, 12:30-12:34
	2km NW	Heard	1	Shot		Small arms	20-May, 12:58
Donetsk Filtration Station (15km N of Donetsk)	1-2km NNE	Heard	4	Burst		Small arms	20-May, 14:30
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	2	Explosion	Undetermined	N/K	20-May, 10:12
	3-4km ESE	Heard	1	Explosion	Undetermined	N/K	20-May, 10:18
	6-8km S	Heard	5	Explosion	Undetermined	N/K	20-May, 11:07
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	20-May, 11:19
	1-2km SSE	Heard	6	Shot		Small arms	20-May, 12:24
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	20-May, 12:31
	5-7km SSW	Heard	6	Explosion	Undetermined	N/K	20-May, 12:34
	3-5km ESE	Heard	1	Explosion	Undetermined	N/K	20-May, 12:48
Horlivka (non-government-	2-3km NW	Heard	11	Explosion	Undetermined	Tank (type	19-May, 18:58

controlled, 39km NE of Donetsk)						N/K)	
	4-5km NW	Heard	1	Explosion	Undetermined	N/K	19-May, 19:08
	2-3km NW	Heard	1	Explosion	Undetermined	Tank (type N/K)	19-May, 19:08
	3-4km W	Heard	1	Explosion	Undetermined	Tank (type N/K)	19-May, 19:10
	3-4km W	Heard	11	Explosion	Undetermined	N/K	19-May, 19:12- 19:15
	2-3km NW	Heard	4	Explosion	Undetermined	N/K	19-May, 19:18
	6-7km NW	Heard	6	Explosion	Undetermined	N/K	19-May, 19:20- 19:21
	5-6km W	Heard	3	Explosion	Undetermined	N/K	19-May, 19:32- 19:34
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	19-May, 19:35
	3-4km NW	Heard	2	Explosion	Undetermined	N/K	19-May, 19:36
	3-4km W	Heard	4	Explosion	Undetermined	N/K	19-May, 19:45- 19:47
	3-4km W	Heard	3	Explosion	Undetermined	Tank (type N/K)	19-May, 19:48
	2-3km W	Heard	5	Explosion	Undetermined	Tank (type N/K)	19-May, 19:49- 19:51
	2-3km W	Heard	2	Explosion	Undetermined	N/K	19-May, 19:52
	4-5km SW	Heard	12	Burst		HMG	19-May, 19:52
	4-5km SW	Heard	11	Explosion	Undetermined	N/K	19-May, 19:54
	3-4km W	Heard	5	Burst		HMG	19-May, 20:00
	2-3km W	Heard	1	Explosion	Undetermined	N/K	19-May, 20:00
	2-3km NW	Heard	5	Explosion	Undetermined	N/K	19-May, 20:02- 20:08
	4-5km NW	Heard	1	Explosion	Undetermined	N/K	19-May, 20:20
4-5km NW	Heard	2	Burst		HMG	19-May, 21:00	
1-2km W	Heard	1	Burst		Small arms	19-May, 21:09	
2-3km NW	Heard	1	Explosion	Undetermined	Artillery (type	19-May, 21:14	

					N/K)	
1-2km W	Heard	1	Shot		Small arms	19-May, 21:14
2-3km NW	Heard	1	Explosion	Undetermined	Tank (type N/K)	19-May, 21:17
2-3km NW	Heard	1	Explosion	Undetermined	Artillery (type N/K)	19-May, 21:20
3-4km W	Heard	6	Explosion	Undetermined	Artillery (type N/K)	19-May, 21:25-21:27
3-4km W	Heard	6	Explosion	Undetermined	Artillery (type N/K)	19-May, 21:39-21:44
5-6km NW	Heard	4	Explosion	Undetermined	Artillery (type N/K)	19-May, 21:51-21:53
5-6km NW	Heard	4	Burst		Anti-aircraft cannon (ZU-23, 23mm)	19-May, 21:54-21:55
5-6km NW	Heard	4	Explosion	Undetermined	Artillery (type N/K)	19-May, 21:58-22:01
5-6km WSW	Heard	21	Explosion	Undetermined	Tank (type N/K)	20-May, 04:14-04:21
4-6km NW	Heard	31	Explosion	Undetermined	Artillery (type N/K)	20-May, 04:27-04:31
4-6km NW	Heard	50	Burst		HMG	20-May, 04:27-04:31
4-6km NW	Heard	35	Burst		HMG	20-May, 04:40-04:42
4-6km WNW	Heard	11	Burst		HMG	20-May, 04:42-04:44
4-5km NW	Heard	19	Burst		HMG	20-May, 04:45-04:46
4-5km NW	Heard	21	Shot		IFV (BMP-2)	20-May, 04:45-04:46
4-5km NW	Heard	2	Explosion	Undetermined	N/K	20-May, 04:45-

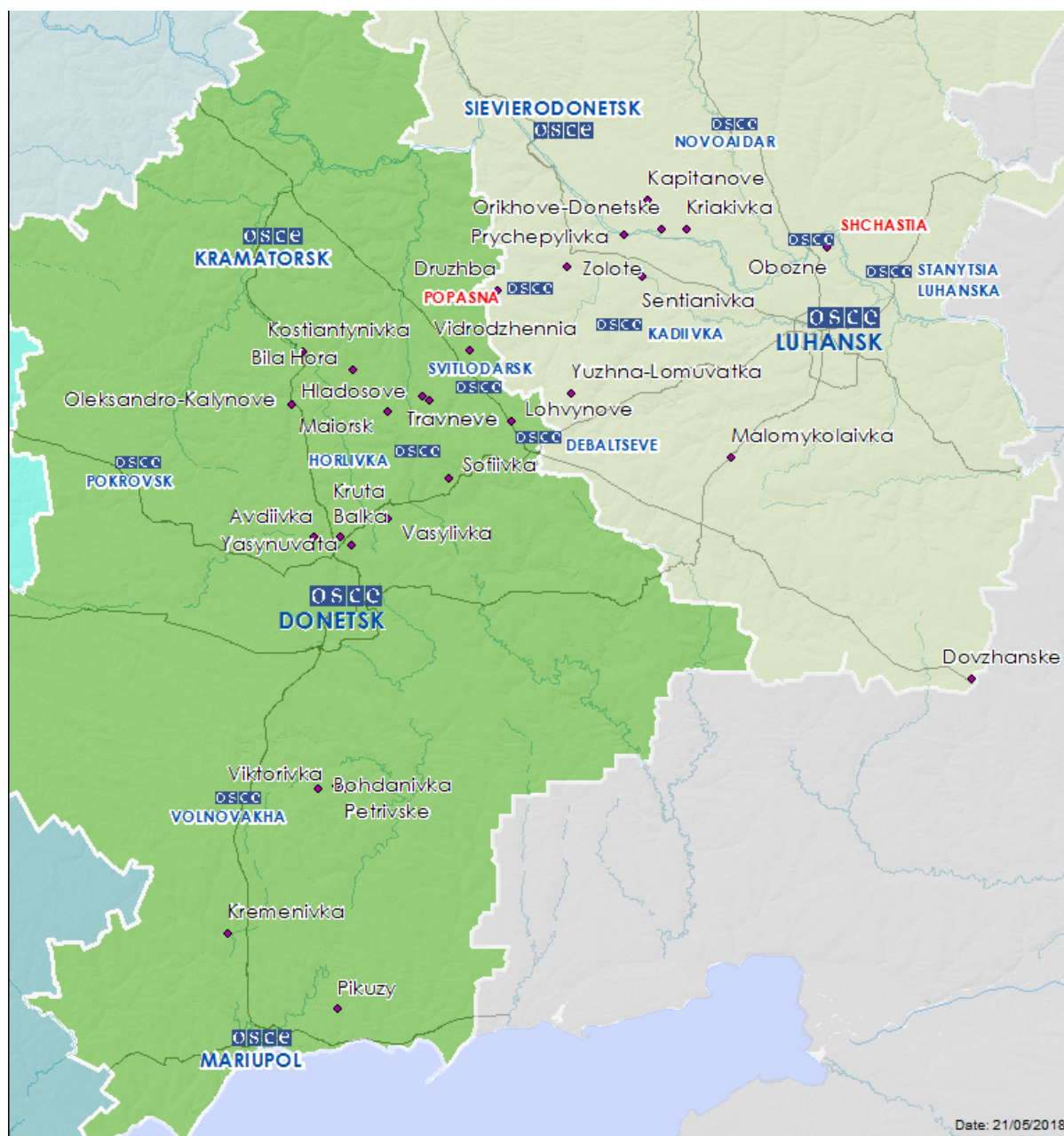
						04:46	
	4-5km NW	Heard	5	Burst		HMG	20-May, 04:48
	4-5km NW	Heard	9	Explosion	Undetermined	Artillery (type N/K)	20-May, 04:48- 04:53
	4-5km SW	Heard	26	Burst		HMG	20-May, 04:53- 04:56
	4-5km SW	Heard	17	Burst		HMG	20-May, 05:00
	4-5km SW	Heard	1	Explosion	Undetermined	Tank (type N/K)	20-May, 05:01
	4-5km WSW	Heard	1	Explosion	Undetermined	Artillery (type N/K)	20-May, 05:02
	4-5km WSW	Heard	2	Explosion	Undetermined	Artillery (type N/K)	20-May, 05:03
	4-5km WSW	Heard	21	Burst		HMG	20-May, 05:04- 05:05
	4-5km WSW	Heard	3	Explosion	Undetermined	N/K	20-May, 05:08- 05:10
	3-5km NW	Heard	2	Explosion	Undetermined	Tank (type N/K)	20-May, 05:13
	3-5km NW	Heard	2	Explosion	Undetermined	N/K	20-May, 05:17
	3-5km NW	Heard	15	Explosion	Undetermined	N/K	20-May, 05:21- 05:35
	3-5km W	Heard	1	Explosion	Undetermined	Artillery (type N/K)	20-May, 05:42
	3-5km W	Heard	20	Explosion	Undetermined	N/K	20-May, 05:42- 06:00
	2-3km WNW	Heard	17	Explosion	Undetermined	Artillery (type N/K)	20-May, 06:06- 06:08
	2-3km W	Heard	1	Explosion	Undetermined	Artillery (type N/K)	20-May, 06:25
Svitlodarsk (government- controlled,	3-5km SE	Heard	1	Burst		HMG	20-May, 05:13
	3-5km SE	Heard	1	Burst		HMG	20-May, 05:17

57km NE of Donetsk)	3-5km SE	Heard	1	Explosion	Outgoing	N/K	20-May, 05:21
	5-7km E	Heard	1	Explosion	Undetermined	N/K	20-May, 06:37
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	20-May, 17:45
	4-5km SE	Heard	2	Burst		Anti-aircraft cannon (ZU-23)	20-May, 17:45
	2km SE	Heard	30	Shot		Small arms	20-May, 17:58-17:59
Kruta Balka (non-government-controlled, 16km N of Donetsk)	3-4km NW	Heard	3	Shot		Small arms	20-May, 09:53
	3-4km WSW	Heard	1	Explosion	Undetermined	N/K	20-May, 10:12
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	20-May, 10:18
	1-2km NW	Heard	2	Burst		Small arms	20-May, 10:35
	1km NW	Heard	1	Burst		Small arms	20-May, 11:02
	5-6km SSW	Heard	1	Explosion	Undetermined	N/K	20-May, 11:34
	1km NW	Heard	2	Shot		Small arms	20-May, 11:37
	1km NW	Heard	1	Shot		Small arms	20-May, 11:38
	500m NW	Heard	6	Burst		Small arms	20-May, 11:39
	3-5km SSW	Heard	12	Explosion	Undetermined	N/K	20-May, 12:33-12:35
	3km W	Heard	2	Shot		Small arms	20-May, 12:57
	2-3km W	Heard	1	Burst		HMG	20-May, 13:05
	2-3km W	Heard	5	Burst		HMG	20-May, 13:15
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	20-May, 13:45
2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K ENE	Heard	4	Shot		IFV (BMP-2) cannon (30mm)	20-May, 13:12
	N/K E	Heard	5	Shot		Small arms	20-May, 13:19-13:27

	N/K E	Heard	4	Explosion	Undetermined	N/K	20-May, 13:19-13:27
	N/K NNE	Heard	2	Explosion	Undetermined	N/K	20-May, 13:23-13:27
	N/K NNE	Heard	8	Burst		Small arms	20-May, 13:23-13:27
	N/K NNE	Heard	Uncountable	Shot		Small arms	20-May, 13:52-13:54
	N/K NNE	Heard	Uncountable	Shot		IFV (BMP-2) cannon (30mm)	20-May, 13:52-13:54
	N/K ESE	Heard	3	Explosion	Undetermined	N/K	20-May, 13:52-13:54
Sakhanka (non-government-controlled, 24km NE of Mariupol)	N/K NW	Heard	3	Explosion	Undetermined	N/K	20-May, 13:25-13:35
	N/K W	Heard	32	Burst		HMG	20-May, 13:25-13:35
	N/K W	Heard	28	Burst		HMG	20-May, 13:50-13:55
	N/K W	Heard	15	Shot		Small arms	20-May, 13:50-13:55
	N/K W	Heard	32	Burst		HMG	20-May, 14:05-14:10
Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3-4km WNW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	20-May, 04:31
Yuzhna-Lomuvatka (non-government-controlled, 60km W of Luhansk)	5-6km WNW	Heard	1	Explosion	Impact (a plume of smoke was visible after the explosion)	N/K	20-May, 10:16
2.5km NW of Shchastia (government-controlled, 20km N of Luhansk)	8-10km W	Heard	2	Explosion	Undetermined	N/K	20-May, 10:54
S edge of the Zolote disengagement	300-500m N	Heard	1	Explosion	Undetermined (assessed as inside the	N/K	20-May, 11:06

area (non-government-controlled, 58km W of Luhansk)					disengagement area)		
2.8km W of Kriakivka (government-controlled, 38km NW of Luhansk)	3-5km SE	Heard	1	Explosion	Impact	Artillery (type N/K)	20-May, 11:11
1.7km SW of Vesela Hora (non-government-controlled, 16km NW of Luhansk)	10km W	Heard	1	Explosion	Undetermined	N/K	20-May, 11:12
Yuzhna-Lomuvatka (non-government-controlled, 60km W of Luhansk)	4-5km NNW	Heard	4	Burst		Small arms	20-May, 11:44
Shyshkove (non-government-controlled, 11km NW of Luhansk)	15-20km E	Heard	1	Explosion	Undetermined	N/K	20-May, 11:56
2km W of Orikhove-Donetske (government-controlled, 44km NW of Luhansk)	5-7km S	Heard	6	Explosion	Undetermined	Artillery (type N/K)	20-May, 12:13-12:23
	5-7km S	Heard	4	Burst	Undetermined	N/K	20-May, 12:13-12:23
	4-5km NW	Heard	1	Explosion	Undetermined	N/K	20-May, 12:14
Putylyne (government-controlled, 44km NW of Luhansk)	7-10km S	Heard	13	Explosion	Undetermined	N/K	20-May, 12:32-12:45
3.9km WSW of Almazna (government-controlled, 55km W of Luhansk)	4-5km W	Heard	5	Burst		Small arms	20-May, 14:20-14:22
	5-6km W	Heard	10	Burst		HMG	20-May, 14:20-14:22

Map of Donetsk and Luhansk regions²



² 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).