

Table of ceasefire violations as of 12 March 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	10-Mar, 18:58
	2-4km SE	Recorded	15	Projectile	ENE to WSW	N/K	10-Mar, 19:11
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	10-Mar, 19:36
	2-4km SE	Recorded	4	Projectile	In vertical fight	N/K	10-Mar, 19:36
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	10-Mar, 19:37
	2-4km SE	Recorded	5	Projectile	NE to SW	N/K	10-Mar, 19:38
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	10-Mar, 19:39
	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	10-Mar, 19:39
	2-4km SE	Recorded	4	Projectile	NE to SW	N/K	10-Mar, 19:42
	2-4km SE	Recorded	9	Projectile	ENE to WSW	N/K	10-Mar, 20:10
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	10-Mar, 20:20
	2-4km SE	Recorded	10	Projectile	ENE to WSW	N/K	10-Mar, 20:46
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	10-Mar, 21:55
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	10-Mar, 21:56
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	10-Mar, 22:44
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	10-Mar, 22:47
	2-4km SE	Recorded	3	Projectile	NE to SW	N/K	10-Mar, 22:48
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	10-Mar, 22:49
	2-4km SE	Recorded	1	Projectile	NNE to SSW	N/K	10-Mar, 22:49
	2-4km SSE	Recorded	13	Projectile	ENE to WSW	N/K	10-Mar, 23:04
	2-4km SSE	Recorded	1	Burst	ENE to WSW	N/K	11-Mar, 00:18
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	11-Mar, 00:46
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	11-Mar, 01:11
	2-4km SE	Recorded	9	Projectile	ENE to WSW	N/K	11-Mar, 01:11
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	11-Mar, 01:56
	2-4km SSE	Recorded	2	Projectile	NE to SW	N/K	11-Mar, 01:57
	2-4km SE	Recorded	1	Projectile	N to S	N/K	11-Mar, 02:03
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	11-Mar, 02:36
	2-4km SE	Recorded	2	Projectile	NNE to SSW	N/K	11-Mar, 02:36
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	11-Mar, 02:37
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	11-Mar, 03:18
	2-4km SE	Recorded	1	Projectile	WNW to ESE	N/K	11-Mar, 03:19
	2-4km SE	Recorded	13	Projectile	ENE to WSW	N/K	11-Mar, 03:40
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	11-Mar, 03:40
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	11-Mar, 03:41
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	11-Mar, 03:42
	2-4km SE	Recorded	9	Projectile	ENE to WSW	N/K	11-Mar, 03:43
	2-4km SSE	Recorded	1	Projectile	W to E	N/K	11-Mar, 03:43
	2-4km SSE	Recorded	2	Projectile	W to E	N/K	11-Mar, 03:44
	2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	11-Mar, 03:44
	2-4km SE	Recorded	2	Projectile	NNE to SSW	N/K	11-Mar, 03:44
	2-4km SE	Recorded	2	Projectile	NE to SW	N/K	11-Mar, 03:45
	2-4km SE	Recorded	3	Projectile	W to E	N/K	11-Mar, 03:45
2-4km SE	Recorded	7	Projectile	ENE to WSW	N/K	11-Mar, 03:46	
2-4km SE	Recorded	3	Projectile	NE to SW	N/K	11-Mar, 03:47	
2-4km SE	Recorded	2	Projectile	NE to SW	N/K	11-Mar, 03:48	
2-4km SE	Recorded	1	Projectile	NNE to SSW	N/K	11-Mar, 04:23	
2-4km SSE	Recorded	6	Projectile	ENE to WSW	N/K	11-Mar, 18:05	
SMM camera at entry-exit checkpoint in	2-4km SSE	Recorded	1	Projectile	E to W	N/K	10-Mar, 23:21
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	10-Mar, 23:22
	2-4km SSE	Recorded	5	Projectile	E to W	N/K	10-Mar, 23:23

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.

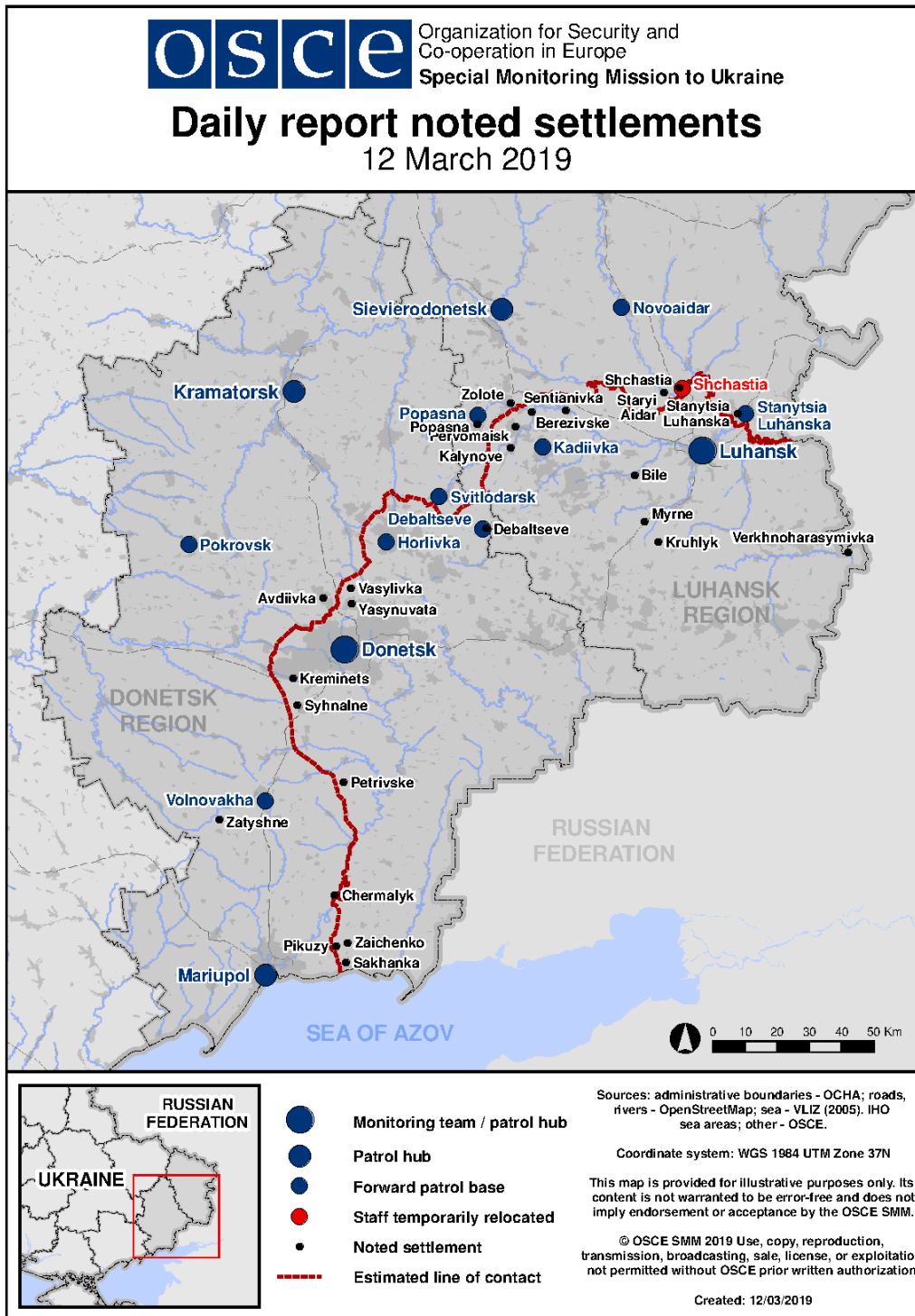
Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-4km SSE	Recorded	1	Projectile	WNW to ESE	N/K	10-Mar, 23:23
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	11-Mar, 02:33
	2-4km SSE	Recorded	2	Projectile	NW to SE	N/K	11-Mar, 03:02
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	11-Mar, 03:14
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1.5km SSW	Recorded	3	Projectile	NNW to SSE	N/K	10-Mar, 20:05
	0.5-1.5km SSW	Recorded	2	Projectile	NNW to SSE	N/K	10-Mar, 20:06
	0.5-1.5km SSW	Recorded	2	Projectile	NNW to SSE	N/K	10-Mar, 20:09
	0.5-1.5km S	Recorded	2	Projectile	SSW to NNE	N/K	10-Mar, 20:09
	0.5-1.5km S	Recorded	1	Explosion	Undetermined	N/K	10-Mar, 20:12
	0.5-1.5km SSW	Recorded	3	Projectile	NW to SE	N/K	10-Mar, 20:42
	0.5-1.5km SSW	Recorded	2	Projectile	NW to SE	N/K	10-Mar, 20:44
	0.5-1.5km SSW	Recorded	6	Projectile	NW to SE	N/K	10-Mar, 20:45
	0.5-1.5km SSW	Recorded	6	Projectile	NE to SW	N/K	10-Mar, 21:16
	0.5-1.5km SSW	Recorded	1	Projectile	NE to SW	N/K	10-Mar, 22:05
	0.5-1.5km SSW	Recorded	1	Illumination flare	NW to SE	N/K	10-Mar, 22:06
	0.5-1.5km SSW	Recorded	1	Projectile	NW to SE	N/K	11-Mar, 01:40
	1-2km SSW	Recorded	5	Projectile	NW to SE	N/K	11-Mar, 18:18
	1-2km SW	Recorded	4	Explosion	Undetermined	N/K	11-Mar, 18:24
1-2km SW	Recorded	1	Explosion		N/K	11-Mar, 18:29	
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km E	Recorded	2	Illumination flare	WSW to ENE	N/K	10-Mar, 20:06
	3-5km E	Recorded	1	Muzzle flash		N/K	10-Mar, 20:20
	3-5km E	Recorded	1	Projectile	SW to NE	N/K	10-Mar, 20:20
	3-5km E	Recorded	1	Illumination flare	N to S	N/K	10-Mar, 21:24
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	1	Illumination flare	NE to SW	N/K	10-Mar, 20:53
	2-4km NNE	Recorded	1	Projectile	NNW to SSE	N/K	10-Mar, 22:01
SMM camera 1km SW of Shyrokyne (government-control, 20km E of Mariupol)	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	10-Mar, 20:24
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	4	Explosion	Undetermined	N/K	11-Mar, 09:40-09:57
	3-4km SE	Heard	42	Shot		Small arms	11-Mar, 09:40-09:57
	3-4km SE	Heard	8	Burst		HMG	11-Mar, 09:40-09:57
	1-4km SE	Heard	91	Shot		Small arms	11-Mar, 10:02-10:30
	2-4km SE	Heard	5	Explosion	Undetermined	N/K	11-Mar, 10:30-11:00
	2-4km SE	Heard	23	Shot		Small arms	11-Mar, 10:30-11:00
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km W	Heard	2	Burst		HMG	11-Mar, 09:18-09:29
	1-4km NW	Heard	Uncountable	Shot	Uncountable, overlapping	HMG	11-Mar, 09:36
	1-4km NW	Heard	7	Explosion	Undetermined	N/K	11-Mar, 09:40
	1-4km NW	Heard	Uncountable	Shot	Uncountable, overlapping	HMG	11-Mar, 09:40
	1-4km NW	Heard	7	Explosion	Undetermined	N/K	11-Mar, 09:43
	1-4km NW	Heard	22	Explosion	Undetermined	N/K	11-Mar, 09:51
	1-4km NW	Heard	1	Explosion	Undetermined	N/K	11-Mar, 09:54
	3-5km WNW	Heard	16	Explosion	Undetermined	N/K	11-Mar, 10:00-10:30
2-3km WNW	Heard	51	Shot		Small	11-Mar, 10:00-	

						arms	10:30
	3-4km WNW	Heard	390	Shot		Small arms	11-Mar, 10:00-10:30
	4km N	Heard	1	Explosion	Undetermined	N/K	11-Mar, 10:31
	4km SSW	Heard	1	Explosion	Undetermined	N/K	11-Mar, 10:32
	4km SSW	Heard	1	Explosion	Undetermined	N/K	11-Mar, 10:38
	4km W	Heard	1	Explosion	Undetermined	N/K	11-Mar, 10:40
	4km W	Heard	1	Explosion	Undetermined	N/K	11-Mar, 10:41
	4km W	Heard	1	Explosion	Undetermined	N/K	11-Mar, 10:42
	2km W	Heard	2	Shot		Small arms	11-Mar, 10:42
	4km W	Heard	3	Shot		Small arms	11-Mar, 10:45
	2km W	Heard	2	Explosion	Undetermined	N/K	11-Mar, 10:45
	4km NNW	Heard	2	Burst		HMG	11-Mar, 10:47
	4km W	Heard	1	Shot		Small arms	11-Mar, 10:47
	4km NNW	Heard	1	Explosion	Undetermined	N/K	11-Mar, 10:48
	2km W	Heard	1	Shot		Small arms	11-Mar, 10:51
	2km W	Heard	1	Shot		Small	11-Mar, 10:53
						arms	
	2km W	Heard	1	Explosion	Undetermined	N/K	11-Mar, 10:56
	2km W	Heard	1	Explosion	Undetermined	N/K	11-Mar, 10:58
	2km W	Heard	1	Shot		Small arms	11-Mar, 10:58
	2km W	Heard	6	Shot		Small arms	11-Mar, 10:59
	4km W	Heard	1	Shot		Small arms	11-Mar, 10:59
	2km W	Heard	2	Explosion	Undetermined	N/K	11-Mar, 10:59
	4km W	Heard	4	Explosion	Undetermined	N/K	11-Mar, 10:59
	1-3km NW	Heard	25	Shot		HMG	11-Mar, 12:43
	1-3km NW	Heard	12	Explosion	Undetermined	N/K	11-Mar, 12:44
	1-3km NW	Heard	7	Explosion	Undetermined	N/K	11-Mar, 12:46
	2-3km WNW	Heard	4	Explosion	Undetermined	N/K	11-Mar, 12:52
	2-4km WNW	Heard	23	Shot		Small arms	11-Mar, 13:17-13:18
	2km W	Heard	1	Explosion	Undetermined	N/K	11-Mar, 13:19
	2km W	Heard	32	Shot		Small arms	11-Mar, 13:20
	4km W	Heard	5	Shot		Small arms	11-Mar, 13:22
	2km W	Heard	8	Explosion	Undetermined	N/K	11-Mar, 13:23
	2km W	Heard	90	Shot		Small arms	11-Mar, 13:24
	2km W	Heard	1	Explosion	Undetermined	N/K	11-Mar, 13:24
	2km W	Heard	20	Shot		Small arms	11-Mar, 13:25
	4km W	Heard	9	Shot		Small arms	11-Mar, 13:33
	2km N	Heard	3	Shot		Small arms	11-Mar, 13:42
	2km W	Heard	1	Explosion	Undetermined	N/K	11-Mar, 13:42
	4km W	Heard	1	Shot		Small arms	11-Mar, 13:45
	2km W	Heard	1	Explosion	Undetermined	N/K	11-Mar, 13:45
1km NNW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	N/K SE	Heard	5	Explosion	Undetermined	N/K	11-Mar, 10:04-10:24
	N/K SE	Heard	1	Explosion	Undetermined	N/K	11-Mar, 13:50
3km NE of Zaichenko (non-	2-3km W	Heard	1	Explosion	Undetermined	N/K	11-Mar, 11:25

government-controlled, 26km NE of Mariupol)							
About 1km N of Zaichenko (non-government-controlled, 26km NE of Mariupol)	1-2km W	Heard	1	Explosion	Undetermined	N/K	11-Mar, 11:51
Chermalyk (government-controlled, 31km NE of Mariupol)	N/K ESE	Heard	1	Explosion	Outgoing	N/K	11-Mar, 12:08
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km SE	Heard	15	Shot		Small arms	10-Mar, 19:58-20:00
	2-4km SE	Heard	3	Burst		HMG	10-Mar, 19:59-20:01
	2-3km SE	Heard	6	Shot		Small arms	10-Mar, 20:25
	2-3km SE	Heard	4	Shot		Small arms	10-Mar, 21:07
	2-3km SE	Heard	2	Shot		Small arms	10-Mar, 22:51
	2-3km SE	Heard	1	Shot		Small arms	10-Mar, 22:57
	2-3km SE	Heard	6	Shot		Small arms	10-Mar, 23:01
	2-3km SE	Heard	4	Shot		Small arms	10-Mar, 23:03
	2-3km SE	Heard	4	Shot		Small arms	10-Mar, 23:05
	2-3km SE	Heard	4	Shot		Small arms	10-Mar, 23:09
	2-3km SE	Heard	4	Explosion	Undetermined	N/K	11-Mar, 09:12
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	11-Mar, 10:50
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	11-Mar, 10:54
	2-3km S	Heard	1	Explosion	Undetermined	N/K	11-Mar, 11:06
	2-3km S	Heard	1	Explosion	Undetermined	N/K	11-Mar, 11:14
	2-3km S	Heard	1	Explosion	Undetermined	N/K	11-Mar, 11:25
	2-3km S	Heard	1	Explosion	Undetermined	N/K	11-Mar, 11:33
2-3km S	Heard	1	Explosion	Undetermined	N/K	11-Mar, 12:10	
About 2km SE of Luhanske (government-controlled, 59km NE of Donetsk)	2km E	Heard and saw	1	Explosion	Impact	Mortar (type N/K)	11-Mar, 09:36
Luhanske (government-controlled, 59km NE of Donetsk)	4-5km ESE	Heard	1	Explosion	Undetermined	N/K	11-Mar, 10:08
Horlivka (non-government-controlled, 39km NE of Donetsk)	2-3km SW	Heard	7	Burst		Small arms	11-Mar, 09:49
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-3km SSE	Recorded	9	Projectile	ENE to WSW (assessed as inside the disengagement area)	N/K	10-Mar, 19:15
	2-3km SSE	Recorded	1	Burst	ENE to WSW (assessed as inside the disengagement area)	N/K	10-Mar, 19:15
	5-6km S	Recorded	1	Explosion	Undetermined (assessed as outside of the	N/K	11-Mar, 18:10

					disengagement area)		
	2-3km SSE	Recorded	6	Projectile	N to S (assessed as inside the disengagement area)	N/K	11-Mar, 18:28
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	4-5km SSW	Recorded	1	Explosion	Undetermined	N/K	11-Mar, 17:53
1km NW of Kalynove-Borshchuvate (non-government controlled, 61km W of Luhansk)	2-3km SSW	Heard	6	Shot		N/K	11-Mar, 09:35-09:45
	2-3km SW	Heard	31	Shot		N/K	11-Mar, 09:55-10:00
1km N of Kalynove-Borshchuvate (non-government controlled, 61km W of Luhansk)	3-5km W	Heard	26	Burst		HMG	11-Mar, 13:30-13:40
S edge of Berezivske (non-government controlled, 53km NW of Luhansk)	2-3km SW	Heard	80	Shot	N/K		11-Mar, 11:40-11:50
Nyzhnie (government-controlled, 56km NW of Luhansk)	5-7km ESE	Heard	13	Explosion	Undetermined	N/K	11-Mar, 11:34-11:40
	5-7km ESE	Heard	10	Burst		HMG	11-Mar, 11:34-11:40
	5-7km ESE	Heard	10	Burst		Small arms	11-Mar, 11:34-11:40
Pervomaisk (non-government-controlled, 58km W of Luhansk)	6-8km W	Heard	82	Explosion	Undetermined	N/K	11-Mar, 12:30-13:04
Stanytsia Luhanska bridge (15km NE of Luhansk)	2km WNW	Heard	5	Burst	Assessed as outside the disengagement area	Small arms	11-Mar, 12:45-12:50
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	4-5km SSE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	11-Mar, 18:04
E edge of Popasna (government-controlled, 69km W of Luhansk)	5km WNW	Heard	12	Explosion	Undetermined	N/K	11-Mar, 13:00-13:05
	1-2km S	Heard	124	Shot		N/K	11-Mar, 13:07-13:25

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).