

Table of ceasefire violations as of 10 March 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time	
Donetsk city centre (“DPR”-controlled)	3-5 km W	Heard 19 undetermined explosions	N/K	9 March, 20:42-20:50	
		Heard 71 undetermined explosions		9 March, 20:51-21:00	
		Heard 27 undetermined explosions		9 March, 21:01-21:03	
		Heard 5 undetermined explosions		9 March, 21:04-21:18	
		Heard 45 undetermined explosion		9 March, 21:20-21:29	
		Heard 37 undetermined explosions		9 March, 21:31-21:40	
		Heard 2 undetermined explosions		9 March, 21:58	
	6-10 km NW	Heard 14 undetermined explosions		9 March, 22:03-22:05	
		Heard 4 undetermined explosions		9 March, 22:25-22:30	
		Heard 29 undetermined explosions		9 March, 22:31-22:41	
		Heard 11 undetermined explosions		9 March, 23:02-23:09	
		Heard 10 undetermined explosions		9 March, 23:17-22:30	
	3-5 km W	Heard 1 undetermined explosion		9 March, 23:38	
		Heard 50 undetermined explosions		9 March, 23:46-00:00	
		Heard 21 undetermined explosions		10 March, 00:01-00:10	
		Heard 3 undetermined explosions		10 March, 00:21	
		Heard 23 undetermined explosions		10 March, 00:26-00:36	
		Heard 46 undetermined explosions		10 March, 00:46-01:16	
		Heard 15 undetermined explosions		10 March, 01:19-01:35	
		Heard 14 undetermined explosions		10 March, 01:38-01:55	
		Heard 1 undetermined explosion		10 March, 02:14	
		SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)		4-5 km SE	Recorded 1 illumination flare in vertical flight
	Recorded 1 undetermined explosion				10 March, 09:33
	Recorded 2 undetermined explosions				10 March, 15:43
	Recorded 2 undetermined explosions				10 March, 15:44
	Recorded 1 undetermined explosion				10 March, 15:45
	Recorded 1 undetermined explosion				10 March, 15:46
Recorded 1 undetermined explosion	10 March, 15:47				
Recorded 2 undetermined explosions	10 March, 15:48				
Recorded 1 airburst	10 March, 15:49				
Recorded 1 undetermined explosion	10 March, 15:49				
Recorded 2 undetermined explosions	10 March, 15:50				
Recorded 1 undetermined explosion	10 March, 15:51				
Recorded 3 undetermined explosions	10 March, 15:52				
Recorded 4 undetermined explosions	10 March, 15:54				
Recorded 2 undetermined explosions	10 March, 15:55				
Recorded 2 undetermined explosions	10 March, 15:56				
Recorded 2 undetermined explosions	10 March, 15:57				
Recorded 4 undetermined explosions	10 March, 15:58				
Recorded 2 undetermined explosions	10 March, 15:59				

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.

		Recorded 2 undetermined explosions		10 March, 16:00
	2-3 km SE	Recorded 1 undetermined explosion		10 March, 16:06
	4-5 km SE	Recorded 1 undetermined explosion		10 March, 16:24
		Recorded 1 undetermined explosion		10 March, 16:25
		Recorded 1 undetermined explosion		10 March, 16:28
		Recorded 1 undetermined explosion		10 March, 16:57
	8-10 km ESE	Recorded 1 undetermined explosion		10 March, 17:39
	4-5 km ESE	Recorded 1 undetermined explosion		10 March, 17:43
	4-5 km SE	Recorded 1 undetermined projectile in flight from N to S		10 March, 18:05
		Recorded 1 undetermined explosion		10 March, 18:11
		Recorded 1 undetermined explosion		10 March, 18:12
		Recorded 1 undetermined explosion		10 March, 18:14
		Recorded 1 undetermined projectile in flight from S to N		10 March, 18:14
SMM camera in Shyrokyne (20km E of Mariupol)	N N/K	Recorded 2 tracer rounds from E to W	N/K	9 March, 18:13
		Recorded 2 tracer rounds from E to W		9 March, 18:15
		Recorded 1 undetermined explosion		9 March, 18:18
		Recorded 2 projectiles from E to W		9 March, 18:20
		Recorded 1 undetermined explosion		9 March, 18:21
		Recorded 23 tracer rounds from W to E		9 March, 18:22
		Recorded 1 undetermined explosion		9 March, 18:22
		Recorded 1 projectile from E to W		9 March, 18:35
		Recorded 1 projectile from E to W		
		Recorded 2 tracers rounds from E to W		9 March, 18:36
		Recorded 2 projectiles from W to E		9 March, 18:41
		Recorded 3 tracer rounds from E to W		9 March, 18:44
		Recorded 1 undetermined explosion		9 March, 18:44
		Recorded 1 projectile from E to W		9 March, 19:13
		Recorded 1 undetermined explosion		9 March, 19:23
		Recorded 1 tracer round from E to W		9 March, 19:23
		Recorded 1 projectile from E to W		9 March, 19:24
		Recorded 1 undetermined explosion		9 March, 19:24
		Recorded 1 tracer round from E to W		9 March, 19:25
		Recorded 1 undetermined explosion		9 March, 19:34
	Recorded 1 projectile from E to W	9 March, 19:35		
	Recorded 12 tracer rounds E to W	9 March, 19:43		
	Recorded 1 projectile from E to W	9 March, 19:44		
	Recorded 1 projectile from W to E			
	NE N/K	Recorded 1 projectile from SW to NE		9 March, 20:16
		Recorded 9 tracer rounds from E to W		9 March, 20:16
		Recorded 2 projectiles from E to W		9 March, 20:16
		Recorded 1 projectile from E to W		9 March, 20:37
		Recorded 4 tracer rounds from E to W		9 March, 20:37
		Recorded 4 tracer rounds from E to W		9 March, 20:38
		Recorded 4 tracer rounds from E to W		9 March, 20:51
		Recorded 3 tracer rounds from E to W		9 March, 21:26
Recorded 1 tracer round from SSW to NNE		9 March, 21:26		

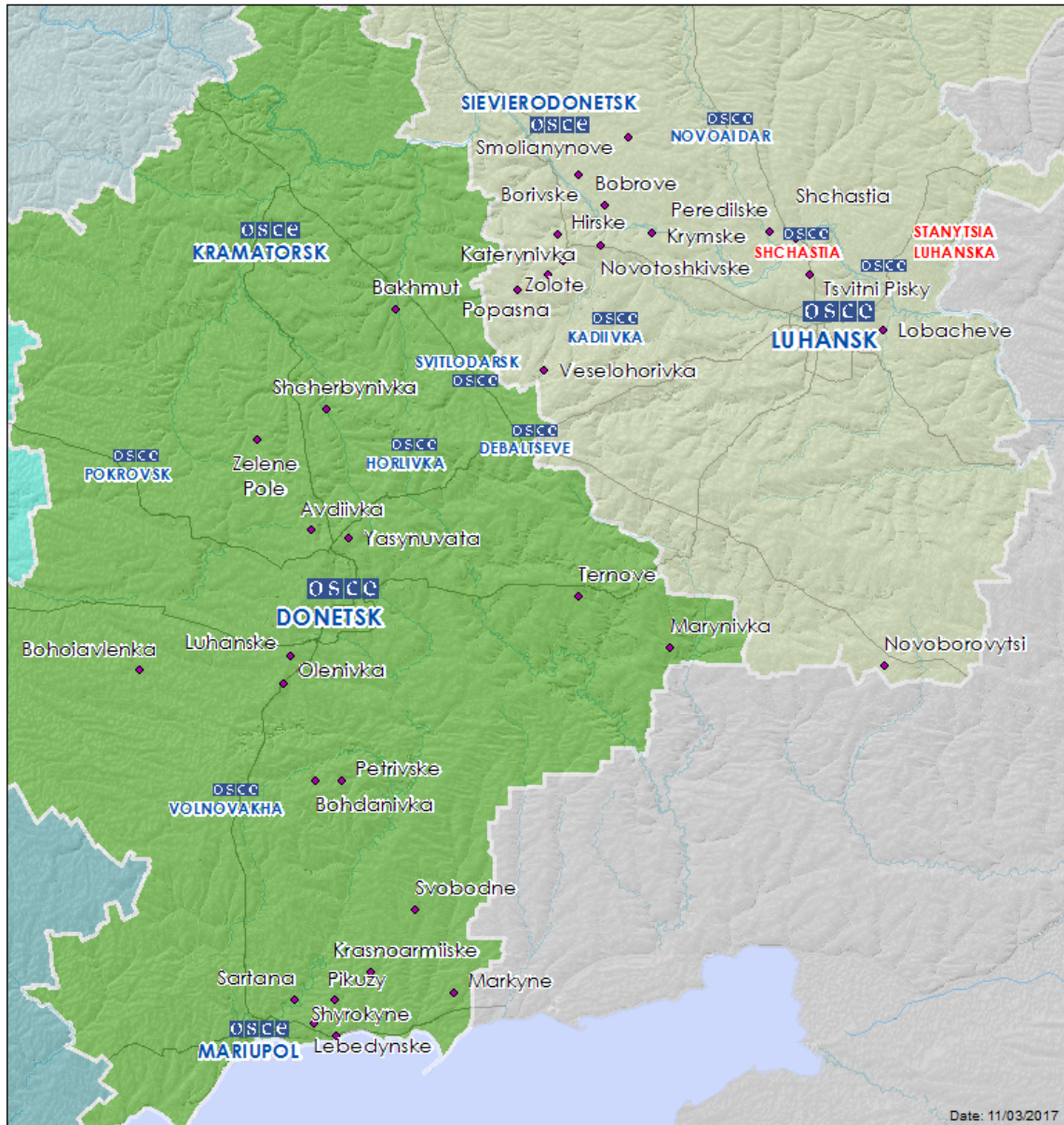
		Recorded 7 tracer rounds from E to W		9 March, 21:44
		Recorded 1 tracer round from W to E		10 March, 00:10
	8-10km N	Recorded 2 explosions (impacts)		10 March, 16:51
	5-7km N	Recorded 1 explosion (impact)		10 March, 16:54
		Recorded 1 airburst		10 March, 16:54
	3-4km N	Recorded 1 explosion (impact)		10 March, 17:28
		Recorded 5 explosions (impact)		10 March, 17:57
	N/K N	Recorded 1 rocket-assisted projectile from E to W		10 March, 18:00-18:06
		Recorded 5 undetermined explosions		10 March, 18:06
		Recorded 24 airbursts		10 March, 18:22
		Recorded 7 tracer rounds from S to N		10 March, 18:23
		Recorded 1 undetermined explosion		10 March, 18:25
		Recorded 17 tracer rounds SW to NE		10 March, 18:26
	Horlivka ("DPR"-controlled, 39km NE of Donetsk)	8-12km SW	Recorded 1 rocket-assisted projectile from SSW to NNE	
Recorded 1 rocket-assisted projectile from SSW to NNE				10 March, 18:26
8-12km SW		Heard 35 undetermined explosions	N/K	9 March, 18:30-19:40
		Heard 27 shots	Small arms	
9-11km NNW	Heard 24 undetermined explosions	N/K	9 March, 19:40-20:00	
	Heard and saw 21 red tracer rounds (outgoing)			
8-12km SW	Heard 17 undetermined explosions	N/K	9 March, 20:00-21:00	
15-20km SW	Heard 6 undetermined explosions	N/K	10 March, 18:00-18:20	
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4km SSE	Heard 2 undetermined explosions	N/K	9 March, 18:30
	2-3km S	Heard 30 bursts	HMG	9 March, 18:40-19:15
		Heard 20 shots	Anti-aircraft gun (ZU-23, 23mm)	
	3-4km S	Heard 5 undetermined explosions	N/K	9 March, 19:30-20:00
		Heard 10 bursts	HMG	
		Heard 10 shots	Anti-aircraft gun (ZU-23, 23mm)	
	3-4km S	Heard 40 bursts	Small arms	9 March, 20:10-20:15
		Heard 2 undetermined explosions	N/K	
	4-5km SW	Heard 20 shots	Anti-aircraft gun (ZU-23, 23mm)	9 March, 20:15-20:20
	4-5km SSW	Heard 5 undetermined explosions	N/K	9 March, 20:30-21:10
		Heard 15 bursts	HMG	
		Heard 25 bursts	Small arms	
	4km SW	Heard 3 undetermined explosions	N/K	9 March, 21:20-21:25
	3-4km SE	Heard 8 bursts	HMG	9 March, 21:40-22:10
	4km S	Heard 3 explosions (impacts)	Mortar (82mm)	10 March, 02:00-02:20
	4-5km SSW	Heard 10 shots	Anti-aircraft gun (ZU-23, 23mm)	10 March, 05:20
	4 km SW	Heard 5 explosions (impacts)	Mortar (82mm)	10 March, 05:40-06:00
		Heard 15 explosions (outgoing)	IFV(BMP-1) cannon (73mm)	10 March, 06:45-07:20
		Heard 5 bursts	HMG	10 March, 14:15-14:45
	3-5km SE	Heard 20 explosions (impacts)	Mortar (82mm)	
3-5km SSE	Heard 2 explosions (impacts)	Mortar (82mm)	10 March, 15:00-16:30	
	Heard 3 undetermined explosions	N/K		
	Heard 5 bursts	HMG		
	Heard 15 explosions (impacts)	Mortar (type N/K)	10 March, 17:30-18:30	
	Heard 10 explosions (outgoing)	IFV (BMP-1) cannon (73mm)		
Heard 10 bursts	HMG			
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	3-5km W	Heard 2 undetermined explosions	N/K	10 March, 09:35
	2km SSE	Heard 7 bursts	Small arms	10 March, 09:38

	3-4km W	Heard 2 undetermined explosions		10 March, 10:06	
	5-6km W	Heard 1 undetermined explosion	N/K	10 March, 10:16	
	3-5km W	Heard 1 burst	IFV (BMP-2) cannon (30mm)	10 March, 10:23	
		Heard 10 undetermined explosions	N/K	10 March, 10:26-10:30	
		Heard 1 burst	IFV (BMP-2) cannon (30mm)	10 March, 10:30	
	3km WSW	Heard 7 undetermined explosions	N/K	10 March, 10:36-10:39	
	3-5km SW	Heard 3 undetermined explosions		10 March, 10:39	
	2km W	Heard 4 bursts	Small arms	10 March, 10:40	
		Heard 2 undetermined explosions	N/K		
	1-2km N	Heard 10 shots	Small arms	10 March, 10:51	
	4-5km W	Heard 2 undetermined explosions	N/K	10 March, 11:13-11:26	
	3-5km W	Heard 3 undetermined explosions		10 March, 11:28-11:32	
	3-5 WSW	Heard 2 undetermined explosions		10 March, 11:36-11:50	
	3-5km W	Heard 15 undetermined explosions			
	2-3km WSW	Heard 1 undetermined explosion			
	3-5km W	Heard 22 undetermined explosions			
	2km WSW	Heard 3 bursts			Small arms
	3-4km W	Heard 9 undetermined explosions			N/K
	3-4km SSE	Heard uncountable overlapping bursts and shots		Small arms	10 March, 12:36-12:41
	3-4km NW	Heard 16 undetermined explosions		N/K	10 March, 12:48-13:00
	3km S	Heard 7 shots	Small arms		
	3km NW	Heard 7 undetermined explosions	N/K		
	3-4km NW	Heard 15 undetermined explosions			
Avdiivka (government-controlled, 17km N of Donetsk)	2-4km E	Heard 1 undetermined explosion	N/K	10 March, 09:35	
		Heard 13 undetermined explosions		10 March, 10:08-10:38	
	1-10km SE	Heard 40 undetermined explosions		10 March, 11:42-12:00	
		Heard 50 undetermined explosions		10 March, 12:00-12:38	
Kamianka (government-controlled, 20km N of Donetsk)	5km SW	Heard 1 undetermined explosion	N/K	10 March, 09:33	
	3km W	Heard 1 burst	HMG	10 March, 10:05	
		Heard 2 undetermined explosions	N/K	10 March, 10:06	
	5km SW	Heard 1 undetermined explosion	N/K	10 March, 10:15	
		Heard 1 burst	HMG	10 March, 10:20	
	5km SW	Heard 3 undetermined explosions	N/K	10 March, 10:24-10:27	
		Heard 12 undetermined explosions		10 March, 10:28-10:40	
	1km S	Heard 66 undetermined explosions		10 March, 11:11-11:58	
Heard 2 undetermined explosions		10 March, 11:58			
Luhanske ("DPR"-controlled, 15km SW of Donetsk)	5-7km W	Heard 1 undetermined explosion	N/K	10 March, 11:10	
	4-6km N	Heard 1 undetermined explosion		10 March, 11:11	
		Heard 1 undetermined explosion		10 March, 11:43	
		Heard 1 undetermined explosion		10 March, 12:40	
		Heard 1 bursts	Small arms		
Petrivske ("DPR"-controlled, 41km S of Donetsk)	1-3km WNW	Heard 1 shot	Small arms	10 March, 11:15	
Fedorivka ("DPR"-controlled, 34km NE of Donetsk)	5-8km E	Heard 5 undetermined explosions	N/K	10 March, 09:10	
Novoselivka ("DPR"-controlled, 31km NE of Donetsk)	2km E	Heard 1 explosion (impact)	N/K	10 March, 09:45	
Novoluhanske (government-controlled, 53km NE of Donetsk)	2km SW	Heard 10 bursts	Small arms	10 March, 10:55	
3km NNE Hnutove (government-controlled, 20km NE of Mariupol)	N/K SSE	Heard 11 undetermined explosions	N/K	10 March, 09:55-10:09	
	N/K ESE	Heard 10 undetermined explosions		10 March, 10:11-10:19	
	N/K SSE	Heard and saw 7 airbursts			
	N/K SSE	Heard 2 bursts	HMG	10 March, 10:21-10:24	
Heard 2 undetermined explosions		N/K			
Lebedynske (government-controlled, 16km NE of Mariupol),	N/K NNE	Heard 15 undetermined explosions	N/K	10 March, 09:55-10:15	
	N/K E	Heard 3 bursts	HMG		
	N/K NE	Heard 15 undetermined explosions	N/K		

N/K NE	Heard 16 undetermined explosions		10 March, 10:15-10:30	
	Heard 3 bursts	Cannon (type N/K)		
N/K NE	Heard 9 undetermined explosions	N/K	10 March, 10:35-11:00	
	Heard 3 bursts	Cannon (type N/K)		
N/K SE	Heard 3 bursts	HMG		
N/K E	Heard uncountable overlapping bursts	HMG	10 March, 11:11-11:30	
	Heard uncountable overlapping bursts	Small arms		
N/K NE	Heard 21 undetermined explosions	N/K		
N/K ENE	Heard 20 undetermined explosions	IFV (BMP-1) cannon (73mm)	10 March, 11:30-12:00	
N/K NE	Hard 3 undetermined explosions	N/K	10 March, 12:00-12:30	
	Heard uncountable overlapping undetermined explosions	IFV (BMP-1) cannon (73mm)		
	Heard 1 burst	Anti-aircraft gun (ZU-23, 23mm)		
	Heard 4 undetermined explosions	N/K	10 March, 13:00-13:30	
N/K E	Heard 1 burst	Cannon (type N/K)		
N/K ENE	Heard 2 undetermined explosions	N/K	10 March, 13:30-14:00	
N/K NE	Heard 2 undetermined explosions		10 March, 14:08-14:12	
N/K ENE	Heard 6 explosions (outgoing)		10 March, 14:15-14:17	
	Heard 3 explosions (outgoing)			
N/K NE	Heard 12 subsequent explosions (impacts)	Artillery (calibre N/K)	10 March, 14:18-14:30	
	Heard uncountable overlapping shots	Small arms		
1km E	Heard 7 explosions (impacts)	N/K	10 March, 14:35	
3km NW of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K ENE	Heard 12 undetermined explosions	N/K	10 March, 14:55-15:03
Orlivske (government-controlled, 23 Km NE of Mariupol)	N/K WSW	Heard 19 explosions (outgoing)	N/K	10 March, 13:30-13:36
Pikuzy (formerly, Kominternove, "DPR" controlled, 23km NE of Mariupol)	N/K NNE	Heard 6 undetermined explosions	N/K	10 March, 13:41-13:52
	30m N	Heard 2 explosions (impacts)	Mortar (82mm)	10 March, 13:52
Khreshchatytske (formerly Krasnoarmiiske, "DPR"-controlled, 33km NE of Mariupol)	N/K WSW	Heard 10 undetermined explosions	N/K	10 March, 10:20-10:35
3km NE of Zaichenko ("DPR"-controlled, 26km NE of Mariupol)	N/K W	Heard 10 undetermined explosions	N/K	10 March, 10:45-10:55
SMM camera in Zolote (government-controlled, 60km NW of Luhansk)	2-3km E	Recorded 1 undetermined projectile in flight from S to N (assessed as outside the disengagement area)	N/K	8 March, 21:47
Sievierodonetsk (government-controlled, 74km NW of Luhansk)	25km SSE	Heard over 300 undetermined explosions	N/K	10 March, 03:22-03:55
	20km ESE	Heard 38 undetermined explosions		10 March, 03:31-03:52
	25km SSE	Heard 40 undetermined explosions		10 March, 05:40-06:00
6km E of Voronove (government-controlled, 66km NW of Luhansk)	7-10km S	Heard 6 undetermined explosions	Artillery (152mm)	10 March, 10:55-11:10
3km SW of Krymske (government-controlled, 42km NW of Luhansk)	2-3km SW	Heard 5 explosions (impacts)	Mortar (82mm)	10 March, 11:12-11:23
	5-6km SW	Heard 2 undetermined explosions	N/K	
Smolianynove (government-controlled, 61km NW of Luhansk)	15km S	Heard 5 explosions (impacts)	Artillery (calibre N/K)	10 March, 11:18-11:30
Krymske (government-controlled, 42km NW of	4km SW	Heard 1 undetermined explosion	N/K	10 March, 11:29
	500m E	Heard 1 explosion (impact)	Mortar (82mm)	10 March, 11:55-12:10

Luhansk)				
Lobacheve (government-controlled, 17km NW of Luhansk)	1.5km SW	Saw and heard 1 explosion (impact)	Mortar (82mm)	10 March, 11:36
Katerynivka (government-controlled, 64km W of Luhansk)	7-8km S	Heard 2 undetermined explosions(assessed as outside the disengagement area)	N/K	10 March, 13:02-13:04
Peredilske (government-controlled, 24km NW of Luhansk)	10-15km W	Heard 3 explosions (impacts)	Artillery (calibre N/K)	10 March, 13:36 -13:41
Popasna (government-controlled, 69km W of Luhansk)	5-7km SSW	Heard 7 undetermined explosions	Mortar (calibre N/K)	10 March, 15:03
		Heard undetermined explosions	RPG	
		Heard 4 undetermined explosions	Mortar (calibre N/K)	10 March, 15:30-15:35

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 since 27 September based on recommendations of security experts from participating States.)