

# Changes in the MID Data from MID 3.10 to MID 4 and to MID 4.01 \*

**Douglas M. Gibler** *University of Alabama*

**Steven V. Miller** *Clemson University*

**Erin K. Little** *University of Alabama*

---

Our analysis of the Correlates of War (CoW) Militarized Interstate Dispute (MID) data set (Gibler, Miller and Little, 2016) started in the fall of 2009 using version 3.10 as the baseline by which we would compare our evaluations to what CoW made available. CoW later released version 4 of the MID data on January 13, 2014 and, shortly thereafter, a revised version (v 4.01) on February 5, 2014. This document communicates the changes we tracked from version 3.10 to version 4, and then from version 4 to version 4.01. We track these changes at the dispute-level and participant-level for all three versions. For clarity, the MID version 3.10 codings have a prefix of M310 while the MID version 4 and version 4.01 codings have prefixes of M4 and M401, respectively.

---

---

\*Portions of this project were generously supported by two National Science Foundation Grants (SES#0923406 and SES#1260492). Of course, we remain responsible for any errors. Additional information on the project can be found at <http://dmgibler.people.ua.edu/mid-data.html>. **Last updated:** August 09, 2017.

## Contents

<b>Synopsis</b>	<b>3</b>
<b>Differences Between MID 3.10 and MID 4</b>	<b>4</b>
Dispute-level: New MIDs (and One Removed MID)	4
Dispute-level: Different Start or End Years	4
Dispute-level: Settlement or Outcome Changes	5
Dispute-level: Fatality Changes	5
Dispute-level: Duration Changes	5
Dispute-level: Different hiacts or hostlevs	9
Dispute-level: Reciprocation Change	9
Dispute-level: Different Number of Participants	10
Participant-level: Different Start or End Years	10
Participant-level: Revisionist State Changes	10
Participant-level: Fatality Changes	10
Participant-level: Different hiacts or hostlevs	11
Participant-level: Originator Change	11
<b>Differences Between MID 4 and MID 4.01</b>	<b>12</b>
Dispute-level: Different Start or End Years	12
Dispute-level: Different hiacts or hostlevs	12
Dispute-level: Different Number of Participants	14
Participant-level: Different Participants	14
Participant-level: Different Start or End Years	14
Participant-level: Different hiacts or hostlevs	14
Participant-level: Originator Switches	16

## Synopsis

Most of the changes from MID version 3.10 to MID version 4 concern the addition of 255 new MIDs that started after 2001. CoW only removed one MID from the data (MID#4195) with this release. There are two other patterns to emerge from an evaluation of MID version 3.10 and MID version 4.

- The other major differences between MID version 3.10 and MID version 4 concerns the calculation of minimum durations and maximum durations. CoW adjusted durations for 160 MIDs. Only seven of these changes follow the adjustment of MID 3 MIDs past 2002.
- CoW adjusted the number of participants at the dispute-level for just two MIDs. It dropped a participant from Side B in MID#4182 and dropped two participants from Side A in MID#4273 (i.e. the Iraq War MID). These changes are actually inconsistent with the data at the participant-level since MID version 3.10. CoW later corrected this in version 4.01.

Our comparison of MID version 4 and MID version 4.01 found the following differences between the two data sets at the participant-level and dispute-level.

- The most prominent changes CoW made concerned `hiact` and `hostlev` codes. Herein, CoW made numerous corrections in version 4.01 after our workshop with the CoW team in Davis in January 2014. Some of these corrected mistakes concern incorrect `hiact`/`hostlev` pairings (e.g. a `hiact` of 17 [clash] with a `hostlev` of 5 [war]) as well as an incorrect application of CoW's coding rules regarding clashes (i.e. there can be no bilateral MID in which the `hiact` for one side is 17 [clash] while the `hiact` for the other side is a lower value).
- CoW also corrected a few identification errors at the participant-level that had been in the data since version 3.10, like confusing Niger for Nigeria in MID#4312.
- CoW made several dispute-level participant information changes (i.e. to `numa` and `numb`) that square discrepancies between the dispute-level and participant-level data from MID version 3.10. These concern MID#0523, MID#3551, MID#4137, MID#4182, and MID#4273.
- There were 220 originator switches from MID 4 to MID 4.01 at the participant-level. Almost all changes concern MID 4 MIDs started after 2001.
- CoW made seven changes to start years or end years, which are major changes to the data (c.f. [Gibler, Miller and Little, 2016](#)). None of these MIDs overlap the start/end year changes CoW made from version 3.10 to version 4.0. There were also no changes to the `mindur` or `maxdur` variables from version 4.0 to version 4.01.

## Differences Between MID 3.10 and MID 4

### *Dispute-level: New MIDs (and One Removed MID)*

CoW added 255 new MIDs with the release of MID 4.<sup>1</sup> These are MID #s:

4345, 4346, 4347, 4348, 4349, 4350, 4351, 4352, 4353, 4354, 4355, 4356, 4357, 4358, 4359, 4360, 4361, 4362, 4363, 4364, 4365, 4366, 4367, 4368, 4369, 4370, 4371, 4372, 4373, 4374, 4375, 4376, 4377, 4378, 4379, 4380, 4381, 4382, 4383, 4384, 4385, 4386, 4387, 4388, 4389, 4390, 4391, 4392, 4393, 4394, 4395, 4396, 4397, 4398, 4399, 4400, 4401, 4402, 4403, 4404, 4405, 4406, 4407, 4408, 4409, 4410, 4411, 4412, 4413, 4414, 4415, 4416, 4417, 4418, 4419, 4420, 4421, 4422, 4423, 4424, 4425, 4426, 4427, 4428, 4429, 4430, 4431, 4432, 4433, 4434, 4435, 4436, 4437, 4438, 4439, 4440, 4441, 4442, 4443, 4444, 4445, 4446, 4447, 4448, 4449, 4450, 4451, 4452, 4453, 4454, 4455, 4456, 4457, 4458, 4459, 4460, 4461, 4462, 4463, 4464, 4465, 4466, 4467, 4468, 4469, 4470, 4471, 4472, 4473, 4474, 4475, 4476, 4477, 4478, 4479, 4480, 4481, 4482, 4483, 4484, 4485, 4486, 4487, 4488, 4489, 4490, 4491, 4492, 4493, 4494, 4495, 4496, 4497, 4498, 4499, 4500, 4501, 4502, 4503, 4504, 4505, 4506, 4507, 4508, 4509, 4510, 4511, 4512, 4513, 4514, 4515, 4516, 4517, 4518, 4519, 4520, 4521, 4522, 4523, 4524, 4525, 4526, 4527, 4528, 4529, 4530, 4531, 4532, 4533, 4534, 4535, 4536, 4537, 4538, 4539, 4540, 4541, 4542, 4543, 4544, 4545, 4546, 4547, 4548, 4549, 4550, 4551, 4552, 4553, 4554, 4555, 4556, 4557, 4558, 4559, 4560, 4561, 4562, 4563, 4564, 4565, 4566, 4567, 4568, 4569, 4570, 4571, 4572, 4573, 4574, 4575, 4576, 4577, 4578, 4579, 4580, 4581, 4582, 4583, 4584, 4585, 4586, 4587, 4588, 4589, 4590, 4591, 4592, 4593, 4594, 4595, 4596, 4597, 4598, 4599

CoW removed one MID from the MID 3 release. CoW originally had MID#4195 as a one-day, single-incident U.S. threat to use force against Libya on April 2, 1996. CoW's review prior to the release of MID 4 determined the threat to use force was ultimately not codable, removing the MID from the data set.

### *Dispute-level: Different Start or End Years*

MID 4 adjusted the dates for seven MIDs in version 3.10 with the release of version 4. All involve extending the end dates for MIDs that started before 2002, the right bound of the temporal domain for MID 3. One of these MIDs (MID#4273) prominently became CoW's Iraq War MID. Only one of these seven MIDs involved a start date adjustment. CoW previously had MID#4320 started on December 27, 2001 but changed the start date to December 27, 2000 in MID 4.

For clarity, we abbreviate the column names to prevent the table from running off the page. The reader should interpret M310em and M4em as the end month for the dispute in MID 3.10 and MID 4 respectively.

Table 1: Different Start or End Years from MID 3.10 to MID 4 (Dispute-level)

dispnum3	M310sd	M310sm	M310sy	M310ed	M310em	M310ey	M4sd	M4sm	M4sy	M4ed	M4em	M4ey
4182	6	4	1993	31	12	2001	6	4	1993	8	9	2006
4242	18	10	2001	18	10	2001	18	10	2001	15	11	2005
4273	7	10	1997	-9	12	2001	7	10	1997	2	5	2003
4277	13	7	2001	31	12	2001	13	7	2001	22	11	2003
4282	2	6	2001	27	11	2001	2	6	2001	10	11	2004
4320	27	12	2001	-9	12	2001	27	12	2000	13	5	2003
4325	25	8	2001	26	8	2001	25	8	2001	5	7	2003

<sup>1</sup>We choose to identify MIDs, even the MIDs in version 4.0 and beyond, with the familiar four-digit dispute numbers. CoW recently added five-digit identifiers for the MIDs introduced in version 4.0.

*Dispute-level: Settlement or Outcome Changes*

CoW made four adjustments to outcome or settlement changes. All are MIDs with end dates that CoW also changed to extend past 2001.

Table 2: Different Outcomes or Settlements from MID 3.10 to MID 4 (Dispute-level)

dispnum3	M310outcome	M310settle	M4outcome	M4settle
4182	5	3	6	1
4273	5	3	1	2
4277	5	3	3	1
4320	8	4	5	3

*Dispute-level: Fatality Changes*

Table 3: Different Fatality Codes from MID 3.10 to MID 4 (Dispute-level)

dispnum3	M310fatality	M310fatalpre	M4fatality	M4fatalpre
4182	2	-9	3	-9
4273	-9	-9	6	-9
4277	-9	-9	5	-9
4282	0	0	1	17
4325	0	0	1	19

*Dispute-level: Duration Changes*

CoW released a change document with MID 4 and noted most of the changes from MID 3.10 to MID 4 involved adjusting duration measures at the dispute-level. CoW said it changed the minimum duration for 107 disputes, the maximum duration for 13 disputes, and adjusted both for 34 disputes. Our review of these changes highlights that the total MIDs with adjusted durations stands at 160, a measure that includes the previous tally of MID 3 MIDs with new end dates past 2001.

Table 4: Duration Changes from MID 3.10 to MID 4 (Dispute-level)

dispnum3	M310mindur	M310maxdur	M4mindur	M4maxdur
2	155	208	178	208
8	214	257	227	257
15	30	82	52	82
23	185	232	202	232
68	2	40	10	40
123	306	360	331	360
126	2	56	26	56

dispnum3	M310mindur	M310maxdur	M4mindur	M4maxdur
139	33	64	34	64
147	30	83	53	83
152	518	561	531	561
156	63	101	74	101
178	1036	1087	1058	1087
189	642	684	655	684
207	122	159	129	159
212	3	60	2	60
217	63	119	89	119
312	2	58	29	58
360	2	60	30	60
370	5	35	5	34
371	30	72	42	72
373	122	159	129	159
395	3	39	11	39
504	95	136	108	136
518	246	288	258	288
604	33	71	41	71
623	459	516	486	516
1029	2	51	22	51
1063	93	145	115	145
1093	671	706	676	706
1095	2	49	19	49
1099	94	141	112	141
1106	93	132	103	132
1120	94	137	110	137
1141	63	108	81	108
1145	1098	1156	1126	1156
1153	2	58	28	58
1157	2	58	28	58
1168	155	201	174	201
1169	94	137	107	137
1170	93	131	101	131
1176	32	75	45	75
1181	124	173	143	173
1193	278	330	301	330
1205	93	142	112	142
1214	1	28	1	29
1255	235	262	235	263
1316	336	370	340	370
1340	64	110	81	110
1374	1187	1239	1209	1239
1411	184	215	186	215
1441	4720	4779	4749	4779
1450	306	362	332	362
1466	155	188	159	188

dispnum3	M310mindur	M310maxdur	M4mindur	M4maxdur
1482	428	463	436	463
1503	63	111	81	111
1511	2	47	17	47
1512	2	56	26	56
1513	306	357	327	357
1516	2	35	5	35
1519	93	128	98	128
1523	93	140	110	140
1528	278	309	280	309
1533	34	85	57	85
1543	1	28	1	29
1551	33	86	57	86
1569	122	170	140	170
1587	2	44	15	44
1588	30	80	50	80
1593	581	635	605	635
1596	94	145	116	145
1598	62	104	74	104
1624	94	135	108	135
1628	63	119	89	119
1650	214	249	219	249
1670	2	50	20	50
1683	276	333	303	333
1684	178	205	178	206
1695	3	48	20	48
1702	32	91	61	91
1711	32	89	59	89
1720	1	28	1	29
1762	186	219	190	219
1764	298	328	1	31
1777	428	475	446	475
1792	216	251	222	251
2047	2	33	6	33
2068	2	53	24	53
2102	518	551	521	551
2134	277	315	285	315
2149	124	155	125	155
2200	246	287	257	287
2203	2	51	21	51
2316	63	99	72	99
2328	946	999	969	999
2363	551	595	565	595
2364	34	66	38	66
2631	122	181	151	181
2700	63	117	87	117
2702	32	86	56	86

dispnum3	M310mindur	M310maxdur	M4mindur	M4maxdur
2708	2	46	16	46
2711	2	59	29	59
2726	33	79	50	79
2799	246	301	272	301
3206	63	107	77	107
3254	428	462	432	462
3265	266	293	266	294
3300	32	70	40	70
3361	33	88	58	88
3417	1769	1817	1790	1817
3441	220	247	220	248
3444	1153	1153	1152	1152
3501	61	99	69	99
3552	516	516	515	515
3555	316	316	173	173
3556	6	6	7	7
3564	1071	1101	1072	1102
3568	490	490	453	453
3628	122	166	136	166
3970	2	31	4	31
4007	2284	2284	2130	2130
4018	32	92	61	120
4040	1	1	366	366
4043	45	45	410	410
4048	1	5	1	6
4064	241	271	242	272
4073	2	2	1	1
4078	862	862	984	984
4079	18	18	749	749
4082	92	151	93	152
4088	33	89	399	455
4092	194	194	195	195
4094	401	401	405	405
4095	48	48	1874	1874
4118	126	126	142	142
4123	1	28	36	65
4128	520	577	520	578
4130	1	30	1	31
4132	62	92	32	92
4136	185	185	195	195
4152	2	2	137	137
4163	334	304	314	344
4182	3192	3192	4904	4904
4186	41	41	43	43
4203	20	49	385	414
4206	891	891	896	896



dispnum3	M310mindur	M310maxdur	M4mindur	M4maxdur
4223	459	459	469	469
4242	1	1	1490	1490
4248	186	216	186	215
4258	939	969	941	971
4273	1517	1547	2034	2034
4277	172	172	700	700
4279	1	30	1	31
4280	90	90	94	94
4282	179	179	1258	1258
4303	248	248	319	319
4317	128	158	132	162
4320	31	1	868	868
4325	2	2	680	680
4339	1251	1281	1008	1038
4344	16	1	1	16

*Dispute-level: Different hiacts or hostlevs*

CoW adjusted the dispute-level hiact and hostlev codes for three MIDs. All are MIDs that had started prior to 2002 and were included in MID 3, but now have end dates after 2001. The Iraq War MID is conspicuous on this list (MID#4273). The other two MIDs include a five-year dispute between Russia and Georgia (MID#4242) connected to overflow from Russia’s Chechnya campaign and a three-year MID between Greece and Turkey (MID#4320) in which CoW appeared to implement its new coding rule that border violations (hiact = 12) can only be by land (Palmer et al., 2015). Most Greece-Turkey MIDs involve maritime and airspace violations, which CoW now considers a show of force (hiact = 7).

Table 5: Different Hiacts or Hostlevs from MID 3.10 to MID 4 (Dispute-level)

dispnum3	M310hiact	M310hostlev	M4hiact	M4hostlev
4242	12	3	16	4
4273	17	4	20	5
4320	12	3	7	3

*Dispute-level: Reciprocation Change*

CoW made one reciprocation change for what is now a five-year Russia-Georgia MID from 2001 to 2005.

Table 6: Reciprocation Changes from MID 3.10 to MID 4 (Dispute-level)

dispnum3	M310recip	M4recip
4242	0	1

*Dispute-level: Different Number of Participants*

CoW adjusted the number of participants for two MIDs. These changes are actually incorrect, and did not square with the participant-level data in MID version 3.10. CoW later addressed this with version 4.01.

Table 7: Participant Changes from MID 3.10 to MID 4 (Dispute-level)

dispnum3	M310numa	M310numb	M4numa	M4numb
4182	1	2	1	1
4273	14	1	12	1

*Participant-level: Different Start or End Years*

For clarity, we abbreviate the column names to prevent the table from running off the page. The reader should interpret M310em and M4em as the end month for the dispute in MID 3.10 and MID 4 respectively.

Table 8: Different Start or End Years from MID 3.10 to MID 4 (Participant-level)

dispnum3	stabb	M310sd	M310sm	M310sy	M310ed	M310em	M310ey	M4sd	M4sm	M4sy	M4ed	M4em	M4ey
4182	LEB	6	4	1993	31	12	2001	6	4	1993	8	9	2006
4182	ISR	6	4	1993	31	12	2001	6	4	1993	8	9	2006
4242	RUS	18	10	2001	18	10	2001	18	10	2001	15	11	2005
4242	GRG	18	10	2001	18	10	2001	18	10	2001	15	11	2005
4273	IRQ	7	10	1997	10	10	2001	7	10	1997	2	5	2003
4273	UKG	3	11	1997	3	10	2001	3	11	1997	2	5	2003
4273	USA	7	10	1997	10	10	2001	7	10	1997	2	5	2003
4277	PAK	13	7	2001	31	12	2001	13	7	2001	22	11	2003
4277	IND	13	7	2001	31	12	2001	13	7	2001	22	11	2003
4282	PRK	2	6	2001	27	11	2001	2	6	2001	10	11	2004
4282	ROK	2	6	2001	27	11	2001	2	6	2001	10	11	2004
4320	GRC	27	12	2001	-9	12	2001	27	12	2000	13	5	2003
4320	TUR	27	12	2001	-9	12	2001	27	12	2000	13	5	2003
4325	TUR	25	8	2001	26	8	2001	25	8	2001	5	7	2003
4325	IRQ	25	8	2001	26	8	2001	25	8	2001	5	7	2003

*Participant-level: Revisionist State Changes*

Table 9: Revisionist Changes from MID 3.10 to MID 4 (Participant-level)

dispnum3	stabb	M310revstate	M4revstate
4182	LEB	0	1
4273	UKG	0	1
4273	USA	0	1
4277	IND	0	1
4282	ROK	0	1

*Participant-level: Fatality Changes*

Table 10: Fatality Changes from MID 3.10 to MID 4  
(Participant-level)

dispnum3	stabb	M310fatality	M310fatalpre	M4fatality	M4fatalpre
4182	LEB	2	-9	3	-9
4182	ISR	1	-9	3	-9
4273	IRQ	-9	-9	6	-9
4273	UKG	0	0	2	33
4273	USA	0	0	3	140
4277	PAK	-9	-9	4	-9
4277	IND	-9	-9	4	-9
4282	PRK	0	0	1	13
4282	ROK	0	0	1	4
4325	TUR	0	0	1	19

*Participant-level: Different hiacts or hostlevs*

Table 11: Different Hiacts or Hostlevs from MID 3.10 to  
MID 4 (Participant-level)

dispnum3	stabb	M310hiact	M310hostlev	M4hiact	M4hostlev
4242	RUS	12	3	16	4
4242	GRG	0	1	11	3
4273	IRQ	17	4	20	5
4273	UKG	17	4	20	5
4273	USA	17	4	20	5
4320	GRC	12	3	7	3

*Participant-level: Originator Change*

Table 12: Originator Changes from MID 3.10 to MID 4  
(Participant-level)

dispnum3	stabb	M310orig	M4orig
4182	LEB	1	0
4273	IRQ	1	0
4273	UKG	0	1
4282	ROK	1	0
4325	IRQ	1	0

## Differences Between MID 4 and MID 4.01

### *Dispute-level: Different Start or End Years*

For clarity, we abbreviate the column names to prevent the table from running off the page. The reader should interpret M4em and M401em as the end month for the dispute in MID 4.0 and MID 4.01 respectively.

Table 13: Different Start or End Years from MID 4 to MID 4.01 (Dispute-level)

dispnum3	M4sd	M4sm	M4sy	M4ed	M4em	M4ey	M401sd	M401sm	M401sy	M401ed	M401em	M401ey
2316	-9	2	1930	10	5	1930	-9	2	1929	10	5	1930
4174	15	8	1997	15	2	1998	15	8	1997	-9	8	1997
4429	24	10	2005	24	4	2006	24	10	2005	27	10	2005
4448	16	7	2002	16	1	2003	16	7	2002	19	7	2002
4459	1	7	2003	1	1	2004	1	7	2003	4	7	2003
4471	23	8	2005	23	2	2006	23	8	2005	26	8	2005
4512	22	3	2003	1	1	2004	22	3	2003	4	7	2003

### *Dispute-level: Different hiacts or hostlevs*

Table 14: Different Hiacts or Hostlevs from MID 4 to MID 4.01 (Dispute-level)

dispnum3	M4hiact	M4hostlev	M401hiact	M401hostlev
25	16	4	17	4
50	16	4	17	4
139	16	4	17	4
145	16	4	17	4
154	16	4	17	4
259	16	4	17	4
343	16	4	17	4
1006	16	4	17	4
1022	16	4	17	4
1061	16	4	17	4
1070	16	4	17	4
1074	16	4	17	4
1134	16	4	17	4
1213	16	4	17	4
1217	16	4	17	4
1295	16	4	17	4
1321	16	4	17	4
1353	16	4	17	4
1360	16	4	17	4
1363	16	4	17	4
1379	16	4	17	4
1392	16	4	17	4
1396	16	4	17	4
1397	16	4	17	4
1425	16	4	17	4
1472	16	4	17	4

dispnum3	M4hiact	M4hostlev	M4o1hiact	M4o1hostlev
1544	16	4	17	4
1550	16	4	17	4
1710	16	4	17	4
2008	16	4	17	4
2053	16	4	17	4
2072	16	4	17	4
2106	16	4	17	4
2112	16	4	17	4
2119	16	4	17	4
2120	16	4	17	4
2155	16	4	17	4
2179	16	4	17	4
2187	16	4	17	4
2192	16	4	17	4
2193	16	4	17	4
2244	16	4	17	4
2346	16	4	17	4
2590	16	4	17	4
2643	16	4	17	4
2715	16	4	17	4
2776	16	4	17	4
2779	16	4	17	4
2998	16	4	17	4
3003	16	4	17	4
3012	16	4	17	4
3027	16	4	17	4
3055	16	4	17	4
3096	16	4	17	4
3229	16	4	17	4
3254	16	4	17	4
3413	16	4	17	4
3427	16	4	17	4
3540	16	4	17	4
3564	17	5	17	4
3634	16	4	17	4
3639	16	4	17	4
3706	16	4	17	4
3904	16	4	17	4
3912	16	4	17	4
3914	16	4	17	4
3958	16	4	17	4
3974	16	4	17	4
4052	17	4	15	4
4100	10	3	7	3
4283	17	5	21	5

dispnum3	M4hiact	M4hostlev	M401hiact	M401hostlev
4337	7	3	11	3

*Dispute-level: Different Number of Participants*

Table 15: Participant Changes from MID 4 to MID 4.01 (Dispute-level)

dispnum3	M4numa	M401numa	M4numb	M401numb
523	1	2	1	1
3551	11	14	1	1
4137	24	23	1	1
4182	1	1	1	2
4273	12	19	1	1

*Participant-level: Different Participants*

Table 16: Participant Changes from MID 4 to MID 4.01 (Participant-level)

dispnum3	M4stabb	M401stabb
2783	YAR	YPR
2963	ROK	PRK
2974	ROK	PRK
3115	YAR	YPR
3211	CHN	TAW
4312	NIG	NIR

*Participant-level: Different Start or End Years*

Column names are abbreviated to prevent the table from running off the page.

Table 17: Different Start or End Years from MID 4 to MID 4.01 (Participant-level)

dispnum3	stabb	M4sd	M4sm	M4sy	M4ed	M4em	M4ey	M401sd	M401sm	M401sy	M401ed	M401em	M401ey
2316	BRA	-9	2	1930	10	5	1930	-9	2	1929	10	5	1930
2316	PAR	-9	2	1930	10	5	1930	-9	2	1929	10	5	1930
4174	USA	15	8	1997	15	2	1998	15	8	1997	-9	8	1997
4429	NOR	24	10	2005	24	4	2006	24	10	2005	27	10	2005
4429	RUS	24	10	2005	24	4	2006	24	10	2005	27	10	2005
4448	PHI	16	7	2002	16	1	2003	16	7	2002	19	7	2002
4448	CHN	16	7	2002	16	1	2003	16	7	2002	19	7	2002
4459	SPN	1	7	2003	1	1	2004	1	7	2003	4	7	2003
4459	ROK	1	7	2003	1	1	2004	1	7	2003	4	7	2003
4471	INS	23	8	2005	23	2	2006	23	8	2005	26	8	2005
4471	CRO	23	8	2005	23	2	2006	23	8	2005	26	8	2005
4512	USA	22	3	2003	1	1	2004	22	3	2003	4	7	2003
4512	UKG	1	7	2003	1	1	2004	1	7	2003	4	7	2003
4512	IRN	22	3	2003	1	1	2004	22	3	2003	4	7	2003

*Participant-level: Different hiacts or hostlevs*

Table 18: Different Hiacts or Hostlevs from MID 4 to MID 4.01 (Participant-level)

dispnum3	stabb	M4hiact	M4hostlev	M401hiact	M401hostlev
50	TAW	16	4	17	4
139	CHN	16	4	17	4
259	UKG	16	4	17	4
343	CHN	16	4	17	4
1006	ISR	16	4	17	4
1022	NTH	16	4	17	4
1061	ISR	16	4	17	4
1074	POR	16	4	17	4
1134	IRQ	16	4	17	4
1295	GRC	16	4	17	4
1321	BEL	16	4	17	4
1360	DRV	16	4	17	4
1392	POR	16	4	17	4
1425	ETH	16	4	17	4
1544	USA	16	4	17	4
1550	USA	16	4	17	4
1710	CHN	16	4	17	4
2008	TAW	16	4	17	4
2053	AFG	16	4	17	4
2072	ETH	16	4	17	4
2106	IRQ	16	4	17	4
2112	IRQ	16	4	17	4
2119	PER	16	4	17	4
2120	PER	16	4	17	4
2155	UKG	16	4	17	4
2179	TUR	16	4	17	4
2187	PRK	16	4	17	4
2192	PRK	16	4	17	4
2193	ROK	16	4	17	4
2346	NIC	16	4	17	4
2590	USR	16	4	17	4
2643	PAK	16	4	17	4
2715	USR	16	4	17	4
2776	LAO	16	4	17	4
2779	IND	16	4	17	4
2998	IRQ	16	4	17	4
3003	LAO	16	4	17	4
3027	MYA	16	4	17	4
3055	IND	16	4	17	4
3096	BNG	16	4	17	4
3229	ISR	16	4	17	4
3254	USR	16	4	17	4
3413	SYR	16	4	17	4

dispnum3	stabb	M4hiact	M4hostlev	M401hiact	M401hostlev
3427	SYR	16	4	17	4
3540	LAO	16	4	17	4
3564	ARM	17	5	17	4
3564	AZE	17	5	17	4
3639	CHN	16	4	17	4
3706	GMY	16	4	17	4
3904	SAL	16	4	17	4
3912	SUD	16	4	17	4
3914	IRQ	16	4	17	4
3958	ISR	16	4	17	4
4007	IND	17	5	17	4
4283	AFG	17	5	17	4
4283	CAN	16	5	16	4
4283	FRN	16	5	16	4
4283	RUS	17	5	17	4
4283	UKG	17	5	17	4
4283	USA	17	5	17	4
4424	RUS	12	4	12	3
4565	IND	8	1	8	3

*Participant-level: Originator Switches*

Table 19: Originator Changes from MID 4 to MID 4.01  
(Participant-level)

dispnum3	stabb	M4orig	M401orig
4182	LEB	0	1
4273	IRQ	0	1
4273	UKG	1	0
4273	ISR	1	0
4282	ROK	0	1
4325	IRQ	0	1
4345	SOM	0	1
4346	KEN	0	1
4347	DRC	0	1
4348	LBR	0	1
4349	ERI	0	1
4350	KEN	0	1
4351	GAM	0	1
4352	SPN	0	1
4353	BUI	0	1
4354	ZIM	0	1
4355	ERI	0	1
4356	DRC	0	1
4356	UGA	0	1



dispnum3	stabb	M4orig	M401orig
4357	DRC	0	1
4358	CDI	0	1
4359	DRC	0	1
4360	RUS	0	1
4361	MLI	0	1
4362	ERI	0	1
4363	KEN	0	1
4364	MAA	0	1
4365	BUI	0	1
4366	DRC	0	1
4367	CHA	0	1
4368	DRC	0	1
4369	ETH	0	1
4370	SUD	0	1
4371	FRN	0	1
4371	USA	0	1
4372	RWA	0	1
4373	SOM	0	1
4374	KEN	0	1
4375	ERI	0	1
4376	SOM	0	1
4377	DRC	0	1
4378	GHA	0	1
4379	YEM	0	1
4380	NIG	0	1
4381	DRC	0	1
4382	CDI	0	1
4383	ERI	0	1
4384	SUD	0	1
4385	KEN	0	1
4386	DRC	0	1
4387	SOM	0	1
4388	BUI	0	1
4389	ETH	0	1
4390	SUD	0	1
4391	SOM	0	1
4392	DRC	0	1
4393	BUI	0	1
4394	ERI	0	1
4395	SUD	0	1
4396	SOM	0	1
4397	SOM	0	1
4398	DJI	0	1
4399	ETH	0	1
4400	SOM	0	1
4401	SOM	0	1

dispnum3	stabb	M4orig	M401orig
4402	DRC	0	1
4403	SUD	0	1
4404	SOM	0	1
4405	ERI	0	1
4406	UGA	0	1
4407	YEM	0	1
4408	KEN	0	1
4421	TAJ	0	1
4444	CHN	0	1
4445	JPN	0	1
4446	DRV	0	1
4447	ROK	0	1
4448	CHN	0	1
4449	PRK	0	1
4450	USA	0	1
4451	PRK	0	1
4452	PNG	0	1
4453	PHI	0	1
4454	TAW	0	1
4455	PRK	0	1
4456	PRK	0	1
4457	CHN	0	1
4458	IND	0	1
4459	ROK	0	1
4460	INS	0	1
4461	PHI	0	1
4462	CHN	0	1
4463	PRK	0	1
4464	CHN	0	1
4465	PRK	0	1
4466	PRK	0	1
4467	JPN	0	1
4468	ROK	0	1
4469	CHN	0	1
4470	JPN	0	1
4471	CRO	0	1
4472	JPN	0	1
4473	ROK	0	1
4474	BHU	0	1
4475	JPN	0	1
4476	JPN	0	1
4477	JPN	0	1
4478	TAW	0	1
4478	JPN	0	1
4479	ROK	0	1
4480	JPN	0	1

dispnum3	stabb	M4orig	M401orig
4481	PRK	0	1
4481	ROK	0	1
4482	JPN	0	1
4483	PRK	0	1
4484	JPN	0	1
4485	CHN	0	1
4486	USA	0	1
4487	CHN	0	1
4488	DRV	0	1
4489	JPN	0	1
4490	CHN	0	1
4491	JPN	0	1
4492	TAW	0	1
4493	CHN	0	1
4495	COL	0	1
4496	PER	0	1
4497	HAI	0	1
4498	COL	0	1
4499	ECU	0	1
4500	COL	0	1
4501	ECU	0	1
4502	ECU	0	1
4503	COL	0	1
4504	COL	0	1
4505	VEN	0	1
4506	VEN	0	1
4507	VEN	0	1
4508	NIC	0	1
4509	ISR	0	1
4510	IRQ	0	1
4511	SYR	0	1
4512	IRN	0	1
4513	IRQ	0	1
4514	IRQ	0	1
4515	SWZ	0	1
4516	TUR	0	1
4517	SYR	0	1
4518	SYR	0	1
4519	USA	0	1
4520	SYR	0	1
4521	IRN	0	1
4522	IRN	0	1
4523	IRQ	0	1
4524	IRN	0	1
4525	IRN	0	1
4526	EGY	0	1

dispnum3	stabb	M4orig	M401orig
4527	IRQ	0	1
4528	TUR	0	1
4528	IRQ	0	1
4529	IRQ	0	1
4530	SAU	0	1
4531	ISR	0	1
4532	SYR	0	1
4533	LEB	0	1
4534	IRN	0	1
4535	IRN	0	1
4536	IRQ	0	1
4537	IRQ	0	1
4538	IRN	0	1
4539	SYR	0	1
4540	USA	0	1
4540	SYR	0	1
4541	USA	0	1
4542	FRN	0	1
4543	IRQ	0	1
4543	USA	0	1
4544	EGY	0	1
4545	LEB	0	1
4546	IRQ	0	1
4547	IRQ	0	1
4548	IRN	0	1
4549	CAN	0	1
4550	POR	0	1
4551	DEN	0	1
4552	PAK	0	1
4553	THI	0	1
4554	IND	0	1
4555	BNG	0	1
4556	SIN	0	1
4557	THI	0	1
4558	THI	0	1
4559	THI	0	1
4560	THI	0	1
4562	THI	0	1
4563	IND	0	1
4564	THI	0	1
4565	MYA	0	1
4567	INS	0	1
4568	PAK	0	1
4569	THI	0	1
4570	THI	0	1
4571	PAK	0	1

---

dispnum3	stabb	M4orig	M401orig
4572	THI	0	1
4573	PAK	0	1
4574	MYA	0	1
4575	PAK	0	1
4576	PAK	0	1
4577	PAK	0	1
4578	AFG	0	1
4579	THI	0	1
4580	CHN	0	1
4581	PAK	0	1
4582	BNG	0	1
4583	AFG	0	1
4584	PAK	0	1
4586	INS	0	1
4587	IND	0	1
4588	CAM	0	1
4589	PNG	0	1
4590	IND	0	1
4591	MYA	0	1
4592	BNG	0	1
4593	BNG	0	1
4594	AFG	0	1
4595	THI	0	1
4596	BNG	0	1
4597	PAK	0	1
4598	PAK	0	1
4599	AFG	0	1

---

## References

- Gibler, Douglas M., Steven V. Miller and Erin K. Little. 2016. "An Analysis of the Militarized Interstate Dispute (MID) Dataset, 1816-2001." *International Studies Quarterly* 60(4):719–730.
- Palmer, Glenn, Vito D'Orazio, Michael Kenwick and Matthew Lane. 2015. "The MID4 Dataset, 2002–2010: Procedures, Coding Rules and Description." *Conflict Management and Peace Science* 32(2):222–242.