

Fannie Mae SMBS-364

Contact: MBS Helpline
BESTMBS@fanniemae.com
1-800-237-8627
1-202-752-5858

Report Date : 9/17/13 1:11 AM

Distribution Summary - 09/2013

Class	CUSIP	Group	Interest Rate	Beginning/Notional Class Balance	Interest Distribution	Prepayment Penalties/Yield Maintenance	Principal Distribution	Ending/Notional Class Balance	Total Distribution	Paid Off Date
IO1	3136FCYJ9	1	4.50000	11,800,396.22	44,251.49	N/AP	0.00	11,293,117.41	44,251.49	
IO2	3136FCYK6	2	4.50000	4,597,129.01	17,239.23	N/AP	0.00	4,387,511.13	17,239.23	
IO3	3136FCYL4	3	4.50000	509,949.61	1,912.31	N/AP	0.00	486,797.31	1,912.31	
IO4	3136FCYM2	4	4.50000	612,034.67	2,295.13	N/AP	0.00	596,442.67	2,295.13	
IO5	3136FCYN0	5	5.00000	34,939,687.81	145,582.03	N/AP	0.00	33,510,531.25	145,582.03	
IO6	3136FCYP5	6	5.00000	9,107,483.17	37,947.85	N/AP	0.00	8,736,689.89	37,947.85	
IO7	3136FCYQ3	7	5.00000	13,910,830.56	57,961.79	N/AP	0.00	13,352,976.18	57,961.79	
IO8	3136FCYR1	8	5.00000	7,351,015.20	30,629.23	N/AP	0.00	7,034,116.80	30,629.23	
IO9	3136FCYS9	9	5.50000	35,483,908.27	162,634.58	N/AP	0.00	34,017,655.02	162,634.58	
IO10	3136FCYT7	10	5.50000	26,010,524.43	119,214.90	N/AP	0.00	24,922,536.36	119,214.90	
IO11	3136FCYU4	11	5.50000	19,482,249.02	89,293.64	N/AP	0.00	18,671,292.09	89,293.64	
IO12	3136FCYV2	12	5.50000	13,598,997.82	62,328.74	N/AP	0.00	13,049,969.45	62,328.74	
IO13	3136FCYW0	13	6.00000	10,553,308.35	52,766.54	N/AP	0.00	10,141,945.81	52,766.54	
IO14	3136FCYX8	14	6.00000	12,502,475.48	62,512.38	N/AP	0.00	11,983,131.25	62,512.38	
IO15	3136FCYY6	15	6.00000	1,902,063.73	9,510.32	N/AP	0.00	1,841,321.87	9,510.32	
IO16	3136FCYZ3	16	6.00000	4,106,778.00	20,533.89	N/AP	0.00	3,970,476.00	20,533.89	
Totals				0.00	916,614.05	N/AP	0.00	0.00	916,614.05	

NOTE: N/AV - Not Available. N/AP - Not Applicable. * RCR Classes.

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Principal Distribution Statement - 09/2013

Class	Original Class Balance	Group	Beginning/Notional Class Balance	Principal Distribution	Accretion	Ending/Notional Class Balance	Paid Off Date
IO1	83,009,180.00	1	11,800,396.22	0.00	N/AP	11,293,117.41	
IO2	33,432,477.00	2	4,597,129.01	0.00	N/AP	4,387,511.13	
IO3	3,686,559.00	3	509,949.61	0.00	N/AP	486,797.31	
IO4	3,989,465.00	4	612,034.67	0.00	N/AP	596,442.67	
IO5	269,058,741.00	5	34,939,687.81	0.00	N/AP	33,510,531.25	
IO6	70,393,030.00	6	9,107,483.17	0.00	N/AP	8,736,689.89	
IO7	107,893,757.00	7	13,910,830.56	0.00	N/AP	13,352,976.18	
IO8	58,135,951.00	8	7,351,015.20	0.00	N/AP	7,034,116.80	
IO9	258,249,605.00	9	35,483,908.27	0.00	N/AP	34,017,655.02	
IO10	188,439,911.00	10	26,010,524.43	0.00	N/AP	24,922,536.36	
IO11	140,391,823.00	11	19,482,249.02	0.00	N/AP	18,671,292.09	
IO12	95,279,131.00	12	13,598,997.82	0.00	N/AP	13,049,969.45	
IO13	75,780,502.00	13	10,553,308.35	0.00	N/AP	10,141,945.81	
IO14	90,635,854.00	14	12,502,475.48	0.00	N/AP	11,983,131.25	
IO15	14,528,162.00	15	1,902,063.73	0.00	N/AP	1,841,321.87	
IO16	27,956,889.00	16	4,106,778.00	0.00	N/AP	3,970,476.00	
Totals	0.00		0.00	0.00	N/AP	0.00	

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Principal Distribution Factors Statement - 09/2013

Class	Original Class Balance	Group	Beginning/Notional Class Balance	Principal Distribution	Accretion	Ending/Notional Class Balance	Paid Off Date
IO1	83,009,180.00	1	0.14215773	0.00000000	N/AP	0.13604661	
IO2	33,432,477.00	2	0.13750489	0.00000000	N/AP	0.13123500	
IO3	3,686,559.00	3	0.13832672	0.00000000	N/AP	0.13204653	
IO4	3,989,465.00	4	0.15341272	0.00000000	N/AP	0.14950442	
IO5	269,058,741.00	5	0.12985896	0.00000000	N/AP	0.12454727	
IO6	70,393,030.00	6	0.12938047	0.00000000	N/AP	0.12411300	
IO7	107,893,757.00	7	0.12893082	0.00000000	N/AP	0.12376042	
IO8	58,135,951.00	8	0.12644526	0.00000000	N/AP	0.12099427	
IO9	258,249,605.00	9	0.13740160	0.00000000	N/AP	0.13172394	
IO10	188,439,911.00	10	0.13803087	0.00000000	N/AP	0.13225721	
IO11	140,391,823.00	11	0.13877054	0.00000000	N/AP	0.13299416	
IO12	95,279,131.00	12	0.14272798	0.00000000	N/AP	0.13696566	
IO13	75,780,502.00	13	0.13926153	0.00000000	N/AP	0.13383318	
IO14	90,635,854.00	14	0.13794183	0.00000000	N/AP	0.13221182	
IO15	14,528,162.00	15	0.13092253	0.00000000	N/AP	0.12674156	
IO16	27,956,889.00	16	0.14689682	0.00000000	N/AP	0.14202138	

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Interest Distribution Statement - 09/2013

Class	Accrual Basis	Delay/No Delay	Group	Original Class Balance	Current Interest Rate	Beginning/Notional Class Balance	Interest Distribution	Current Interest Shortfall	Cumulative Interest Shortfall	Ending/Notional Class Balance	Paid Off Date
IO1	30/360	DELAY	1	83,009,180.00	4.50000	11,800,396.22	44,251.49	N/AP	N/AP	11,293,117.41	
IO2	30/360	DELAY	2	33,432,477.00	4.50000	4,597,129.01	17,239.23	N/AP	N/AP	4,387,511.13	
IO3	30/360	DELAY	3	3,686,559.00	4.50000	509,949.61	1,912.31	N/AP	N/AP	486,797.31	
IO4	30/360	DELAY	4	3,989,465.00	4.50000	612,034.67	2,295.13	N/AP	N/AP	596,442.67	
IO5	30/360	DELAY	5	269,058,741.00	5.00000	34,939,687.81	145,582.03	N/AP	N/AP	33,510,531.25	
IO6	30/360	DELAY	6	70,393,030.00	5.00000	9,107,483.17	37,947.85	N/AP	N/AP	8,736,689.89	
IO7	30/360	DELAY	7	107,893,757.00	5.00000	13,910,830.56	57,961.79	N/AP	N/AP	13,352,976.18	
IO8	30/360	DELAY	8	58,135,951.00	5.00000	7,351,015.20	30,629.23	N/AP	N/AP	7,034,116.80	
IO9	30/360	DELAY	9	258,249,605.00	5.50000	35,483,908.27	162,634.58	N/AP	N/AP	34,017,655.02	
IO10	30/360	DELAY	10	188,439,911.00	5.50000	26,010,524.43	119,214.90	N/AP	N/AP	24,922,536.36	
IO11	30/360	DELAY	11	140,391,823.00	5.50000	19,482,249.02	89,293.64	N/AP	N/AP	18,671,292.09	
IO12	30/360	DELAY	12	95,279,131.00	5.50000	13,598,997.82	62,328.74	N/AP	N/AP	13,049,969.45	
IO13	30/360	DELAY	13	75,780,502.00	6.00000	10,553,308.35	52,766.54	N/AP	N/AP	10,141,945.81	
IO14	30/360	DELAY	14	90,635,854.00	6.00000	12,502,475.48	62,512.38	N/AP	N/AP	11,983,131.25	
IO15	30/360	DELAY	15	14,528,162.00	6.00000	1,902,063.73	9,510.32	N/AP	N/AP	1,841,321.87	
IO16	30/360	DELAY	16	27,956,889.00	6.00000	4,106,778.00	20,533.89	N/AP	N/AP	3,970,476.00	
Totals				0.00		0.00	916,614.05	N/AP	N/AP	0.00	

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Interest Distribution Factors Statement - 09/2013

Class	Accrual Basis	Delay/No Delay	Group	Original Class Balance	Current Interest	Beginning/Notional Class Balance	Interest Distribution	Current Interest Shortfall	Cumulative Interest Shortfall	Ending/Notional Class Balance	Paid Off Date
IO1	30/360	DELAY	1	83,009,180.00	3.750000000	0.14215773	0.00053309	N/AP	N/AP	0.13604661	
IO2	30/360	DELAY	2	33,432,477.00	3.750000000	0.13750489	0.00051564	N/AP	N/AP	0.13123500	
IO3	30/360	DELAY	3	3,686,559.00	3.750000000	0.13832672	0.00051873	N/AP	N/AP	0.13204653	
IO4	30/360	DELAY	4	3,989,465.00	3.750000000	0.15341272	0.00057530	N/AP	N/AP	0.14950442	
IO5	30/360	DELAY	5	269,058,741.00	4.166666667	0.12985896	0.00054108	N/AP	N/AP	0.12454727	
IO6	30/360	DELAY	6	70,393,030.00	4.166666667	0.12938047	0.00053909	N/AP	N/AP	0.12411300	
IO7	30/360	DELAY	7	107,893,757.00	4.166666667	0.12893082	0.00053721	N/AP	N/AP	0.12376042	
IO8	30/360	DELAY	8	58,135,951.00	4.166666667	0.12644526	0.00052686	N/AP	N/AP	0.12099427	
IO9	30/360	DELAY	9	258,249,605.00	4.583333333	0.13740160	0.00062976	N/AP	N/AP	0.13172394	
IO10	30/360	DELAY	10	188,439,911.00	4.583333333	0.13803087	0.00063264	N/AP	N/AP	0.13225721	
IO11	30/360	DELAY	11	140,391,823.00	4.583333333	0.13877054	0.00063603	N/AP	N/AP	0.13299416	
IO12	30/360	DELAY	12	95,279,131.00	4.583333333	0.14272798	0.00065417	N/AP	N/AP	0.13696566	
IO13	30/360	DELAY	13	75,780,502.00	5.000000000	0.13926153	0.00069631	N/AP	N/AP	0.13383318	
IO14	30/360	DELAY	14	90,635,854.00	5.000000000	0.13794183	0.00068971	N/AP	N/AP	0.13221182	
IO15	30/360	DELAY	15	14,528,162.00	5.000000000	0.13092253	0.00065461	N/AP	N/AP	0.12674156	
IO16	30/360	DELAY	16	27,956,889.00	5.000000000	0.14689682	0.00073448	N/AP	N/AP	0.14202138	

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All Interest factors on the Interest Distribution Factors Statement are expressed in 30/360 regardless of the accrual basis.

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Collateral Statement - 09/2013

Group	Collateral Description	Weighted Average Coupon Rate	Weighted Average Pass-Through Rate	Weighted Average Remaining Term	Beginning Security Count	Ending Security Count	Beginning Scheduled Balance	Ending Scheduled Balance	Scheduled Interest	Prepayment Penalty Paid Amount
1	WL	5.06600	0.15100	226	1	1	351,667,437.09	336,549,856.51	44,251.57	N/AP
2	WL	5.12500	0.11150	226	1	1	185,534,354.85	177,074,440.27	17,239.23	N/AP
3	WL	5.12500	0.01450	222	1	1	158,260,223.96	151,075,027.12	1,912.31	N/AP
4	WL	5.04400	0.01045	223	1	1	263,452,161.70	251,907,960.74	2,295.13	N/AP
5	WL	5.54400	0.11500	229	1	1	1,519,116,861.40	1,456,979,619.42	145,582.09	N/AP
6	WL	5.55300	0.03600	226	1	1	1,264,928,218.67	1,213,429,151.61	37,947.60	N/AP
7	WL	5.58400	0.11150	226	1	1	623,804,061.15	598,788,169.64	57,961.82	N/AP
8	WL	5.53500	0.02902	225	1	1	1,266,676,012.39	1,212,658,634.18	30,629.23	N/AP
9	WL	5.91300	0.11500	234	1	1	1,697,056,482.29	1,626,931,327.05	162,634.34	N/AP
10	WL	5.87300	0.12500	234	1	1	1,144,463,075.04	1,096,591,599.87	119,214.88	N/AP
11	WL	5.79100	0.12500	235	1	1	857,218,957.05	821,536,852.01	89,293.65	N/AP
12	WL	5.90300	0.05162	231	1	1	1,448,977,003.56	1,387,439,820.25	62,328.74	N/AP
13	WL	6.49400	0.11500	218	1	1	550,607,392.02	529,144,998.93	52,766.01	N/AP
14	WL	6.45200	0.25000	217	1	1	300,059,411.49	287,595,149.89	62,512.57	N/AP
15	WL	6.61900	0.12500	200	1	1	91,299,059.12	88,383,449.53	9,510.28	N/AP
16	WL	6.52400	0.05386	212	1	1	457,491,915.69	441,090,174.56	20,533.89	N/AP

NOTE: N/AV - Not Available. N/AP - Not Applicable.

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Any Group(s) where the underlying collateral is backed by private label securities, please refer to the prospectus and the trustee's remittance report for information on the underlying security.

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