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# Robosigners and Other Servicing Failures:

# Protecting the Rights of RMBS Investors

Laurie Goodman

Senior Managing Director

**Amherst Securities** 

Grais & Ellsworth Conference Call

October 27, 2010

Amherst<sup>®</sup> Securities Group LP

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### Largest Servicers Also Own A Large Share Of Second Liens

	riginator Q2 10 Q2 Share MBS Se   unk of America \$ 2,135.30 20.1% \$   ells Fargo \$ 1,811.97 17.0% \$   'Morgan Chase \$ 1,353.60 12.7% \$   tigroup \$ 677.81 6.4% \$   stal Top 4 \$ 5,978.68 56.2% \$		Q2 2010 FR Y-9C REPORT							
	1-4 Family	Servicing	Non-Agency			R	esidential Revolving	Share of	Total Revolving	Tangible Common
Originator	Q2 10	Q2 Share	MBS Securities	1st Liens	Closed-End 2nd Lien	s	Lines of Credit	Total Revolving	and 2nd Liens	Equity Capital
Bank of America	\$ 2,135.30	20.1%	\$ 43.65	\$284.28	\$ 25.9	IS	116.90	17.7%	\$ 142.81	\$ 120.41
Wells Fargo	\$ 1,811.97	17.0%	\$ 16.47	\$246.86	\$ 18.3	1 5	105.53	16.0%	\$ 123.87	\$ 75.66
JP Morgan Chase	\$ 1,353.60	12.7%	\$ 15.24	\$147.85	\$ 11.3	IS	100.72	15.3%	\$ 112.03	\$ 110.75
Citigroup	\$ 677.81	6.4%	\$ 28.87	\$123.36	\$ 24.20	S	30.82	4.7%	\$ 55.01	\$ 121.08
Total Top 4	\$ 5,978.68	56.2%	\$ 104.22	\$802.34	\$ 79.7	SS	353.97	53.7%	\$ 433.72	\$ 427.89
Total	\$10,640.00					\$	659.60		\$ 1,012.60	

Notes:	Total Revolving and 2	2nd L	iens By
Individual bank data from Q2 2010 FRB Data	All Commerical Banks	s	751.20
Total 1-4 Family Servicing from Inside Mortgage Finance	Credit Unions	s	92.00
Total Residential Revolving Lines of Credit Refers To Revolving Lines of Credit held at FDIC Insured Institutions.	Savings Institutions	s	78.40
It is not the total universe.	Finance Companies	s	63.40
Total Revolving Second and Second Liens Total and by Investor is from Fed Flow of Funds Data (Z.1)	ABS Issuers	\$	27.60
	TOTAL	s	1.012.60

Source: Inside Mortgage Finance, Federal Reserve, FDIC, Amherst Securities

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### Prevalence of Second Liens By Vintage Year

				Vinta	age				
	2000	2001	2002	2003	2004	2005	2006	2007	Average
Single Lien	21.9%	29.3%	30.3%	28.7%	28.2%	29.9%	35.8%	42.2%	33.19
Second Lien Paid Off	0.4%	0.3%	0.3%	0.9%	1.3%	1.8%	1.8%	2.3%	1.6%
Simultaneous Second Lien	0.5%	0.7%	0.5%	1.1%	5.1%	11.2%	16.7%	15.4%	12.4%
Single Lien with Subsequent Higher Lien	7.6%	15.5%	25.2%	30.3%	27.0%	22.3%	12.9%	11.7%	18.29
Simultaneous Second Lien with Subsequent Higher Lien	0.2%	0.6%	0.6%	3.0%	6.5%	7.2%	5.6%	5.6%	5.99
Single Lien & Subsequent Lien Data Missing	65.9%	51.7%	42.3%	33.5%	26.7%	20.3%	18.3%	16.9%	21.69
Simultaneous Second Lien & Subsequent Lien Data Missing	3.5%	1.9%	0.9%	2.5%	5.2%	7.2%	8.8%	5.8%	7.2%
Grand Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.09
	Vintage								
	2000	2001	2002	2003	2004	2005	2006	2007	Average
Single Lien	71.8%	63.2%	53.3%	44.9%	41.5%	41.2%	49.2%	54.6%	46.59
Second Lien Paid Off	1.3%	0.6%	0.5%	1.4%	2.0%	2.5%	2.4%	3.0%	2.39
Simultaneous Second Lien	1.5%	1.5%	0.8%	1.8%	7.5%	15.4%	22.9%	20.0%	17.49
Single Lien with Subsequent Higher Lien	24.8%	33.3%	44.4%	47.3%	39.6%	30.8%	17.8%	15.2%	25.5%
Simultaneous Second with Subsequent Higher Lien	0.8%	1.3%	1.0%	4.6%	9.5%	10.0%	7.7%	7.3%	8.3%
Grand Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.09
Total Simultaneous Seconds	2.2%	2.9%	1.9%	6.4%	17.0%	25.4%	30.6%	27.3%	25.79

8.3%

Source: CoreLogic, Amherst Securities

45.2%

63.3%

64.2%

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7.9%

4.0%

11.9%

30,0%

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Missing Data Distributed Proportionally

Amherst<sup>®</sup> Securities Group LP

% Simultaneous Seconds / Total Second Liens

3

50.2%

# Performance of First Liens by Lien Status: 2006 Vintage by Product Type

#### Prime

	Always Performing	RePerforming	NonPerforming	Grand Total
SingleLien	85.4%	4.0%	10.5%	100.0%
Second Lien Paid Off	85.5%	4.1%	10.4%	100.0%
Simultaneous Second Lien	79.5%	5.7%	14.8%	100.0%
Single Lien with Subsequent Higher Lien	75.6%	5.2%	18.2%	100.0%
Simultaneous Second Lien with Subsequent Higher Lien	76.8%	5.8%	17.4%	100.0%
Single Lien & Subsequent Lien Data Missing	80.4%	3.8%	15.8%	100.0%
Simultaneous Second Lien & Subsequent Lien Data Missing	73.0%	4.9%	22.1%	100.0%
Average	80.4%	4.7%	14.9%	100.0%

#### AltA

	Always Performing	<b>RePerforming</b>	NonPerforming	Grand Total
SingleLien	63.9%	9.9%	26.2%	100.0%
Second Lien Paid Off	60.3%	11.9%	27.7%	100.0%
Simultaneous Second Lien	44.6%	13.0%	42,4%	100.0%
Single Lien with Subsequent Higher Lien	55.8%	10.0%	34.2%	100.0%
Simultaneous Second Lien with Subsequent Higher Lien	48.6%	11.3%	40.1%	100.0%
Single Lien & Subsequent Lien Data Missing	56.6%	9.3%	34.1%	100.0%
Simultaneous Second Lien & Subsequent Lien Data Missing	35.7%	12.9%	51, 5%	100.0%
Average	53,4%	10.9%	35.7%	100.0%

#### Subprime

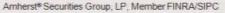
	Always Performing	RePerforming	NonPerforming	Grand Total
SingleLien	26.7%	25.1%	48.1%	100.0%
Second Lien Paid Off	25.9%	25.1%	49.0%	100.0%
Simultaneous Second Lien	20.5%	21.5%	57.9%	100.0%
Single Lien with Subsequent Higher Lien	24.8%	22.7%	52.5%	100.0%
Simultaneous Second Lien with Subsequent Higher Lien	24.5%	22.2%	53.3%	100.0%
Single Lien & Subsequent Lien Data Missing	22.0%	23.0%	55.0%	100.0%
Simultaneous Second Lien & Subsequent Lien Data Missing	15.4%	18.8%	65.8%	100.0%
Average	23.8%	23.4%	52.8%	100.0%

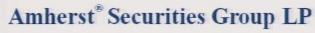
#### Option ARM

	Always Performing	<b>RePerforming</b>	NonPerforming	Grand Total
SingleLien	50.6%	10.9%	38.5%	100.0%
Second Lien Paid Off	49.1%	12.2%	38.7%	100.0%
Simultaneous Second Lien	33.1%	12.7%	54.2%	100.0%
Single Lien with Subsequent Higher Lien	41.4%	10.6%	48.0%	100.0%
Simultaneous Second Lien with Subsequent Higher Lien	35.2%	11.7%	53.0%	100.0%
Single Lien & Subsequent Lien Data Missing	35.9%	8.5%	55.6%	100.0%
Simultaneous Second Lien & Subsequent Lien Data Missing	23.0%	10.9%	66.2%	100.0%
Average	40.7%	10.9%	48.4%	100.0%

Source: CoreLogic, Amherst Securities as of Sep 2010

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# Performance of First Vs. Second Liens

<b>Bank Portfolio</b>	Delinquent	Status	Average	Total	Outstanding
	30-89 Days 9	0+ Days	FICO	(\$1	n Billion )
1st Lien	2.8%	9.8%	n/a	\$	1,874.3
2nd Lien	1.2%	1.7%	n/a	\$	654.5

#### Securitizations

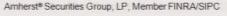
(All Securities)	Delinque	nt Status	Average	Total Outstandi		
	30-89 Days	90+ Days	FICO	(\$	In Billion )	
1st Lien	7.4%	29.0%	692	\$	1,389.5	
2nd Lien	9.5%	16.0%	687	\$	25.5	

#### Securitizations

(FICO > 720)	Delinquen	t Status	Average	<b>Total Outstanding</b>		
	30-89 Days 9	0+ Days	FICO	(\$1	n Billion )	
1st Lien	3.5%	16.0%	759	\$	518.7	
2nd Lien	5.0%	9.0%	753	\$	7.0	

Source: CoreLogic, Amherst Securities as of Sep 2010

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### Quantifying The Putback Issue – PLS First Liens

### (2005 - 2007 Vintages)

										%			
	Perf	<b>Original Bal</b>	Current Bal	% Default	Severity	Realized	Realized	Total Default	Total Loss	Attempted		% Expected	Loss Put
Product	Category	(\$M)	(\$M)	(Current)	(Current)	Default (\$M)	Loss (\$M)	(\$M)	(\$M)	Put Back*	% Success*	Put Back*	Back (\$ M)
Prime	PaidOff	206,478				15,139	6,287	15, 139	6,287	60%	25%	15%	943
	NPL	37,472	36,939	88%	50%			32,506	16,253	60%	25%	15%	2,438
	RPL	12,798	12,603	29%	45%			3,655	1,645	40%	25%	10%	164
	APL	243,088	229,173	16%	44%	<u> </u>		36,668	16,134	40%	25%	10%	1,613
AltA	PaidOff	406, 702				102,222	54,051	102, 222	54,051	60%	25%	15%	8,108
	NPL	135,061	133,917	92%	64%			123, 203	78,850	60%	25%	15%	11,828
	RPL	48, 379	47,914	48%	55%			22,999	12,649	40%	25%	10%	1,265
	APL	270,936	258,890	31%	53%			80,256	42,536	40%	25%	10%	4,254
Option ARM	PaidOff	233,875	-			62,635	35,011	62,635	35,011	60%	25%	15%	5,252
	NPL	93,085	99,821	94%	65%			93,832	60,991	60%	25%	15%	9,149
	RPL	23,700	25,096	61%	58%			15,308	8,879	40%	25%	10%	888
	APL	89,055	92,755	50%	57%			46, 378	26,435	40%	25%	10%	2,644
Subprime	PaidOff	709, 781				210,068	127,898	210,068	127,898	60%	25%	15%	19,185
	NPL	204, 946	204,567	94%	72%			192, 293	138,451	60%	25%	15%	20,768
	RPL	103,450	103,340	74%	64%			76,471	48,942	40%	25%	10%	4,894
	APL	110,836	105,616	58%	64%			61,257	39,205	40%	25%	10%	3,920
Total		2,929,643	1,350,630			390,064	223,247	1,174,889	714,215				97,311

\* - Expressed as a percentage of Total Loss

### Legend:

- PLS = Private Label Securitized
- APL = Always Performing Loan
- RPL = Re-Performing Loan
- NPL = Non-Performing Loan
- % Expected Put Back = % Attempted Put Back x % Success

% Success will be determined by:

- Investors being aligned in order to acquire a critical mass of voting rights;
- AND the deal-specific PSA, MLPA, and other sales and assignment documentation

Source: CoreLogic, Amherst Securities as of Sep 2010

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### Even Obvious Rep & Warrant Violations Are Not Enforced

To The Trust	Latest Status	Loan Count	%Loan Count	Balance	%Bal ance	Loss	%Loss
	Cured/Prepaid	20	0%	\$4,906,250	0%		
	Outstanding	1410	3%	\$519,076,151	5%		
No Payment	Re Purchase	15606	37%	\$3,816,603,496	36%		
	Liquidated	24949	59%	\$6,279,027,959	59%	\$3,512,369,485	569
	Subtotal	41985	100%	\$10,619,613,856	100%		
	Cured/Prepaid	263	1%	\$54,672,794	0%		
	Outstanding	1856	4%	\$665,126,540	5%		
1 Payment	Re Purchase	16650	33%	\$3,931,639,833	32%		
	Liquidated	31516	63%	\$7,817,285,205	63%	\$4,367,314,518	569
	Subtotal	50285	100%	\$12,468,724,372	100%		
	Cured/Prepaid	774	1%	\$178,225,996	1%		
	Outstanding	2301	4%	\$791,353,897	6%		
2 Payments	RePurchase	16526	30%	\$3,902,163,112	28%		
	Liquidated	36183	65%	\$8,977,262,540	65%	\$5,023,733,563	569
	Subtotal	55784	100%	\$13,849,005,544	100%		
	Cured/Prepaid	1383	2%	\$333,776,301	2%		
	Outstanding	2868	5%	\$1,019,156,499	7%		
3 Payments	RePurchase	15966	27%	\$3,704,767,344	25%		
	Liquidated	39070	66%	\$9,724,271,164	66%	\$5,458,675,522	569
	Subtotal	59287	100%	\$14,781,971,307	100%		
	Cured/Prepaid	2019	3%	\$476,164,321	3%		
	Outstanding	3079	5%	\$1,049,937,057	7%		
4 Payments	RePurchase	15628	25%	\$3,564,933,870	23%		
	Liquidated	41881	67%	\$10,405,985,945	67%	\$5,863,868,076	569
	Subtotal	62607	100%	\$15,497,021,193	100%		
	Cured/Prepaid	2510	4%	\$578,634,562	4%		
	Outstanding	3671	6%	\$1,240,066,795	8%		
5 Payments	RePurchase	15114	23%	\$3,401,905,374	21%		
	Liquidated	43944	67%	\$10,968,217,947	68%	\$6,214,177,156	579
	Subtotal	65239	100%	\$16,188,824,679	100%		
	Cured/Prepaid	2933	4%	\$669,726,248	4%		
	Outstanding	4174	6%	\$1,356,533,300	8%		
6 Payments	RePurchase	14632	22%	\$3,275,020,974	20%		
	Liquidated	45275	68%	\$11,276,553,903	68%	\$6,451,713,310	579
	Subtotal	67014	100%	\$16,577,834,425	100%		

Source: CoreLogic, Amherst Securities as of Sep 2010

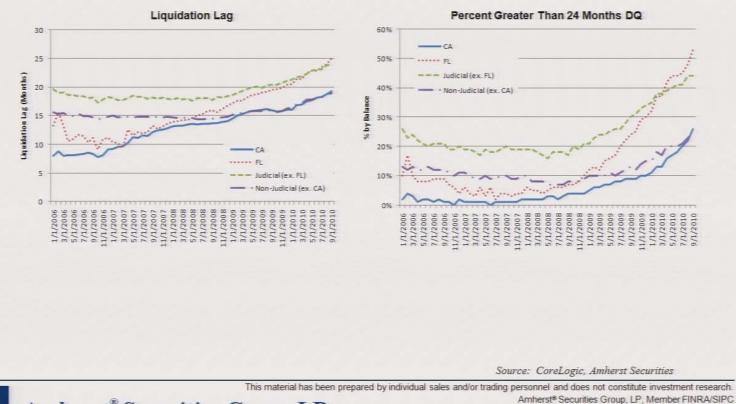
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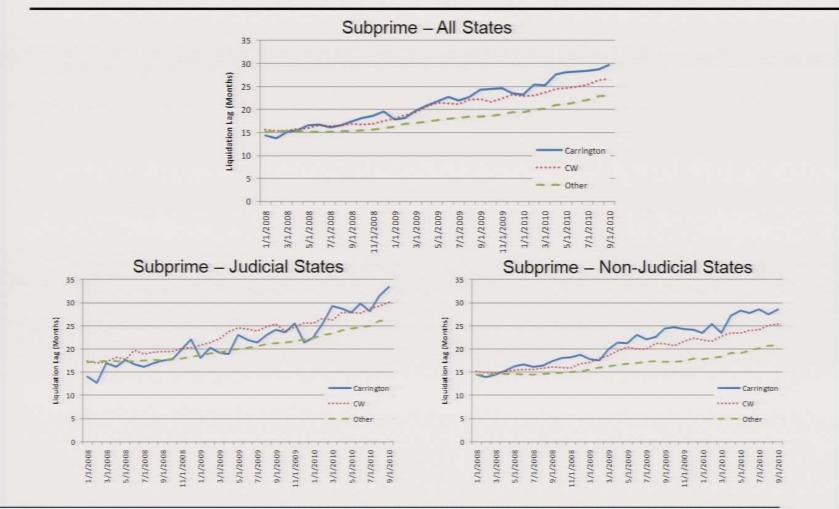
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### Liquidation Pipeline Over Time





## Subprime Liquidation Lags by Select Servicers

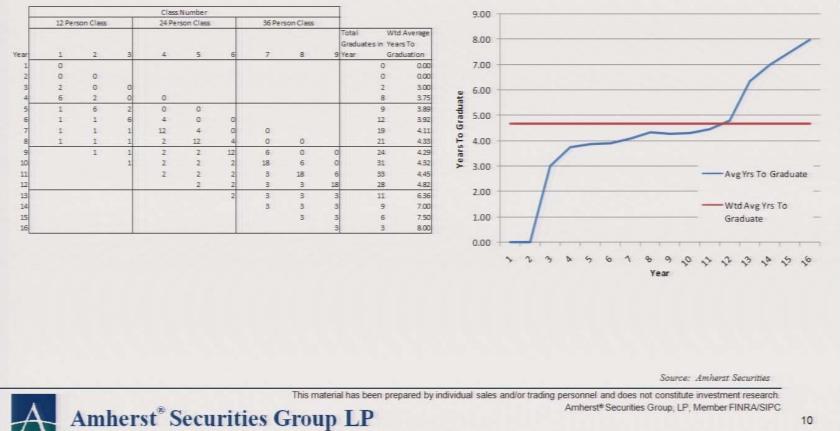


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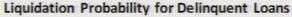
### Survival Analysis Example: A College Graduation Timeline

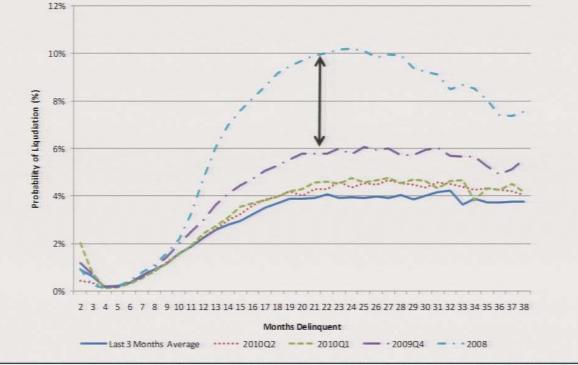


# Monthly Liquidations

Liquidations increase as the length of delinquency increases

- Recently observed hazard curves are much lower than historical curves
  - Various programs have slowed the liquidation paces by near 50%
  - In time cumulative liquidation probabilities are still near 100%





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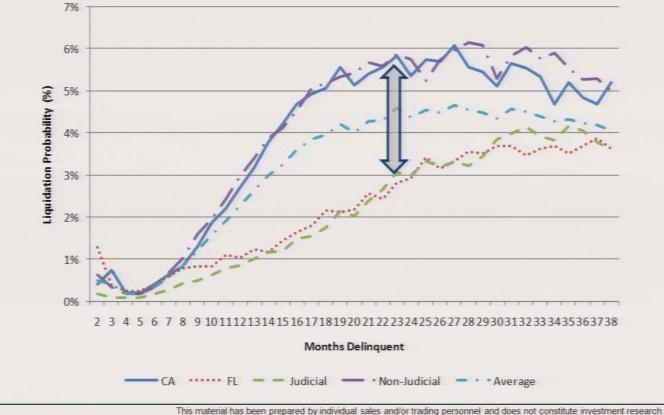


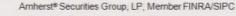
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# Monthly Liquidations

Legal Differences in the Handling of Foreclosures Creates Significant Differences in the Pace of Liquidations Liquidation Probability for Delinquent Loans for Last 3 Months

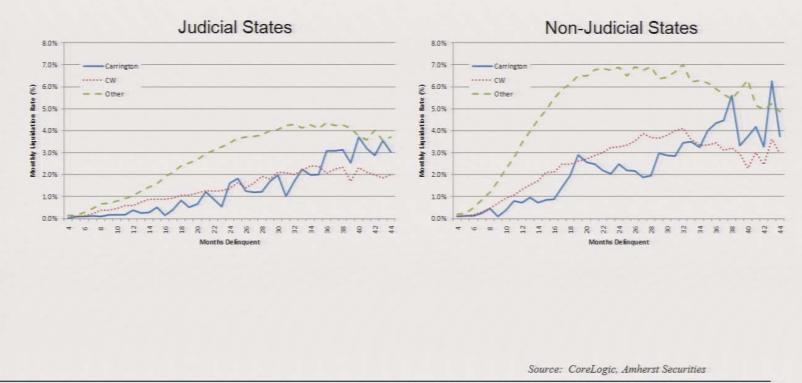




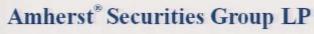


Source: CoreLogic, Amherst Securities

# **Monthly Liquidations**



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