







February 23, 2012

Jennifer J. Johnson

Secretary

Board of Governors of the Federal Reserve System Mail Stop 2-3

20th Street & Constitution Avenue, N.W.

Washington, D.C. 20551

Docket No. R-1401

RIN 7100-AD61

Office of the Comptroller of the Currency

250 E Street, S.W.

Washington, D.C. 20219

**Docket ID OCC-2010-0003** 

RIN 1557-AC99

Robert E. Feldman **Executive Secretary** Federal Deposit Insurance Corporation 550 17th Street, N.W. Washington, D.C. 20429

Attention: Comments/Legal ESS

RIN 3064-AD70

Risk-Based Capital Guidelines: Market Risk; Alternatives to Credit Ratings for Re:

**Debt and Securitization Positions** 

#### Ladies and Gentlemen:

The American Securitization Forum ("ASF"), The Clearing House Association L.L.C. ("The Clearing House"), The Financial Services Roundtable (the "FSR") and the International Swaps and Derivatives Association, Inc. ("ISDA" and, together with ASF, The Clearing House and FSR, the "Associations") are writing to follow-up on our comments in an initial comment letter of February 7, 2012 (the "February 7 Letter") on the joint notice of proposed rulemaking<sup>2</sup> (the "NPR" and, the proposed rule set forth therein, the "Proposed Rule") issued by the Board of Governors of the Federal Reserve System (the "Board"), the Federal Deposit Insurance Corporation (the "FDIC") and the

The Associations collectively represent financial institutions accounting for a substantial majority of banking and financial assets in the United States. Please see Annex A of the February 7 Letter for a more detailed description of the Associations.

<sup>2</sup> 76 Fed. Reg. 79380 (Dec. 21, 2011).

Office of the Comptroller of the Currency (the "OCC", and together with the Board and FDIC, the "Agencies") to incorporate into their proposed market risk capital rules (the "Proposed MRC Rules")<sup>3</sup> alternative methodologies for calculating specific risk capital requirements for debt and securitization positions that do not rely on credit ratings.

The attached spreadsheet calculates capital based on the proposed changes to SSFA outlined in Section (III)(C) of our comment letter. Furthermore, the supervisory floor methodology described in Section (III)(C)(iii)(ii) of the comment letter was used in the spreadsheet (the methodology in Section (III)(C)(iii)(i) was not applied in the spreadsheet). It was used to calculate the results shown in Annex F of our February 7 Letter. The purpose of this spreadsheet is to show how changes in the underlying collateral performance of a securitization are reflected in the capital charge through different points in time. The example used in the spreadsheet is a representative RMBS securitization trust that contains six different tranches. The spreadsheet contains capital calculations for each tranche within the trust under four different collateral performance scenarios, and one extra collateral performance scenario with price markdowns, for a total of five scenarios. For each of the five scenarios, the spreadsheet contains capital calculations in four different points in time (settlement date, settlement date +12 months, +24 months, and +36 months), for a total of 20 sets of capital calculations (five scenarios \* four points in time) for each tranche within the representative RMBS securitization trust.

In addition, the attached slides give an example of where to find data in a publicly available servicer report for an actual securitization to be used as inputs of the redefined Kg proposed in the February 7 Letter. The example shown in the slides ties to the example in Annex E (page 6) of the February 7 Letter.

The Associations appreciate your consideration of the attached spreadsheet and the views expressed in the February 7 Letter. If you have any questions regarding this submission or need further information, please contact Tom Deutsch, ASF Executive Director, at 212.412.7107 or at tdeutsch@americansecuritization.com.

Respectfully Submitted,

In Deutsch

Tom Deutsch Executive Director

American Securitization Forum

<sup>&</sup>lt;sup>3</sup> 76 Fed. Reg. 1890 (Jan. 11, 2011) (proposed revisions to market risk capital rules).

Eli K. Peterson

Senior Regulatory Counsel & Associate General Counsel The Clearing House Association L.L.C.

Richard M. Whiting

Richard M. Whiting Executive Director and General Counsel The Financial Services Roundtable

Robert G. Robert

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cc: Hon. Mary Miller *United States Department of the Treasury* 

Hon. Cyrus Amir-Mokri United States Department of the Treasury

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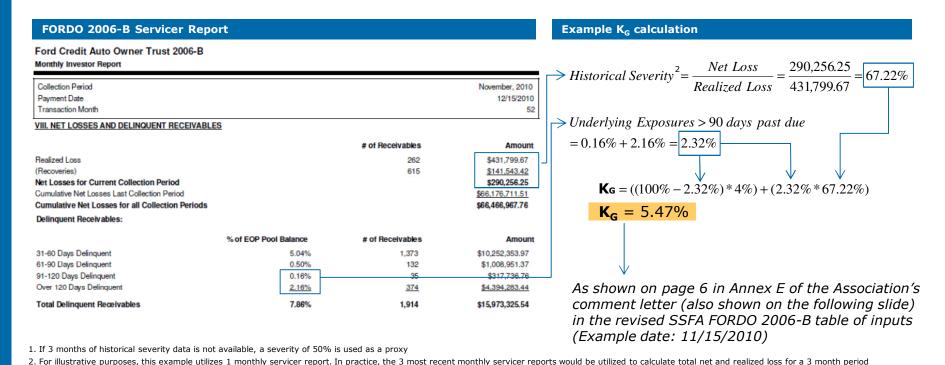
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## **Example of Redefined K<sub>G</sub> calculation**

#### The redefined K<sub>G</sub> formula is simple to calculate and utilizes easily accessible public data

- The redefined K<sub>G</sub> formula (as discussed on page 2 in Annex E of the Association's comment letter) is calculated as follows:
  - $\mathbf{K}_{\mathbf{G}} = ((1 \% \text{ of Underlying Exposures Greater than 90 Days Past Due}) \times \text{Weighted Average Capital Requirement}) + (% of Underlying Exposures Greater than 90 Days Past Due <math>\times$  3 month severity<sup>1</sup>)
- The example below illustrates the simplicity of calculating the redefined K<sub>G</sub>
  - Included below is a publicly available servicer report (downloaded from the Internet) which contains the required inputs of the redefined K<sub>G</sub> formula

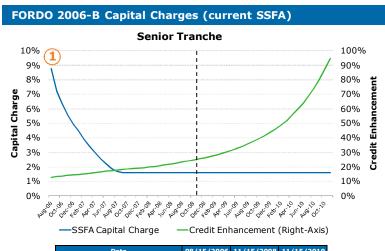


February 2012 SSFA

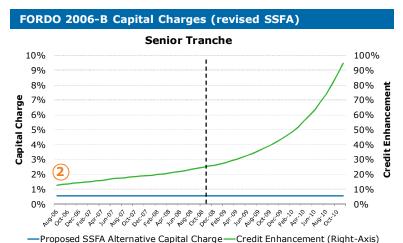
#### **Results of Revised SSFA**

# $K_{\text{G}}$ , as proposed in the NPR, is a risk insensitive measure for calculating the required capital for exposures underlying a securitization exposure

- Incorporating a more risk sensitive measure for K<sub>G</sub> results in capital charges that are more appropriate for each type of asset class
- The example below illustrates how the proposed changes to SSFA results in a more appropriate capital charge for the senior bond in a prime auto securitization (FORDO 2006-B) than would be required from the current SSFA
  - 1 FORDO 2006-B capital charge at issuance (current SSFA): 8.77%
  - 2 FORDO 2006-B capital charge at issuance (revised SSFA): 0.56%



Date	08/15/2006	11/15/2008	11/15/2010
Tranche	A-4	A-4	A-4
Capital Charge	8.77%	1.60%	1.60%
Moody's/S&P	Aaa/AAA	Aaa/AAA	Aaa/AAA
Inputs			
A	12.64%	25.56%	94.64%
D	26.49%	63.78%	100.00%
KG	8.00%	8.00%	8.00%
р	50.00%	50.00%	50.00%
Carrying Value	100.00%	100.00%	100.00%
Cumulative Loss (on collateral) %	0.00%	1.31%	2.10%
Cumulative Loss (on securities) %	0.00%	0.00%	0.00%



Date	08/15/2006	11/15/2008	11/15/2010
Tranche	A-4	A-4	A-4
Capital Charge	0.56%	0.56%	0.56%
Moody's/S&P	Aaa/AAA	Aaa/AAA	Aaa/AAA
Inputs			
A	12.64%	25.56%	94.64%
D	26.49%	63.78%	100.00%
KG	4.00%	4.36%	5.47%
р	50.00%	50.00%	50.00%
Carrying Value	100.00%	100.00%	100.00%
Cumulative loss (on securities) %	0.00%	0.00%	0.00%
Seriously Delinquent Loans	0.00%	0.40%	2.32%
Historical Severity	0.00%	94.39%	67.22%
Cumulative loss (on collateral) %	0.00%	1.31%	2.10%

### **Collateral Full Performance**

Time: Securitization Settlement

Total Principal Received: 0 K<sub>G</sub> at Origination: 4.00%

Total Losses Realized: 0 Calibration Parameter: 50.00%

Seriously Delinquent: 0% Loss Severity: 0%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	92,000,000	8.00%	100.00%	100	0.56%	1.60%
Mezz	2,500,000	5.50%	8.00%	100	26.96%	26.96%
Mezz	2,000,000	3.50%	5.50%	100	77.76%	77.76%
Mezz	1,250,000	2.25%	3.50%	100	100.00%	100.00%
Mezz	1,250,000	1.00%	2.25%	100	100.00%	100.00%
Sub	1,000,000	0.00%	1.00%	100	100.00%	100.00%
	100,000,000				6.24%	7.20%

Time: Settlement + 12 months

Total Principal Received:5,000,000K<sub>G</sub> at Origination:4.00%Total Losses Realized:0Calibration Parameter:50.00%

Seriously Delinquent: 0%
Loss Severity: 0%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	87,000,000	8.42%	100.00%	100	0.56%	1.60%
Mezz	2,500,000	5.79%	8.42%	100	22.73%	22.73%
Mezz	2,000,000	3.68%	5.79%	100	71.17%	71.17%
Mezz	1,250,000	2.37%	3.68%	100	100.00%	100.00%
Mezz	1,250,000	1.05%	2.37%	100	100.00%	100.00%
Sub	1,000,000	0.00%	1.05%	100	100.00%	100.00%
	95,000,000				6.29%	7.25%

Time: Settlement + 24 months

Total Principal Received:10,000,000K<sub>G</sub> at Origination:4.00%Total Losses Realized:0Calibration Parameter:50.00%

Seriously Delinquent: 0% Loss Severity: 0%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	82,000,000	8.89%	100.00%	100	0.56%	1.60%

Mezz	2,500,000	6.11%	8.89%	100	18.81%	18.81%
Mezz	2,000,000	3.89%	6.11%	100	63.68%	63.68%
Mezz	1,250,000	2.50%	3.89%	100	100.00%	100.00%
Mezz	1,250,000	1.11%	2.50%	100	100.00%	100.00%
Sub	1,000,000	0.00%	1.11%	100	100.00%	100.00%
	90,000,000				6.34%	7.28%

Total Principal Received:15,000,000K<sub>G</sub> at Origination:4.00%Total Losses Realized:0Calibration Parameter:50.00%

Seriously Delinquent: 0%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	77,000,000	9.41%	100.00%	100	0.56%	1.60%
Mezz	2,500,000	6.47%	9.41%	100	15.23%	15.23%
Mezz	2,000,000	4.12%	6.47%	100	55.43%	55.43%
Mezz	1,250,000	2.65%	4.12%	100	99.77%	99.77%
Mezz	1,250,000	1.18%	2.65%	100	100.00%	100.00%
Sub	1,000,000	0.00%	1.18%	100	100.00%	100.00%
	85,000,000				6.37%	7.32%

## **Collateral Slight Deterioration**

Time: Securitization Settlement

Total Principal Received: 0 K<sub>G</sub> at Origination: 4.00%

Total Losses Realized: 0 Calibration Parameter: 50.00%

Seriously Delinquent: 0% Loss Severity: 0%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	92,000,000	8.00%	100.00%	100	0.56%	1.60%
Mezz	2,500,000	5.50%	8.00%	100	26.96%	26.96%
Mezz	2,000,000	3.50%	5.50%	100	77.76%	77.76%
Mezz	1,250,000	2.25%	3.50%	100	100.00%	100.00%
Mezz	1,250,000	1.00%	2.25%	100	100.00%	100.00%
Sub	1,000,000	0.00%	1.00%	100	100.00%	100.00%
	100,000,000				6.24%	7.20%

Time: Settlement + 12 months

Total Principal Received:5,000,000K<sub>G</sub> at Origination:4.00%Total Losses Realized:0Calibration Parameter:50.00%

Seriously Delinquent: 1% Loss Severity: 50%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	87,000,000	8.42%	100.00%	100	0.56%	1.60%
Mezz	2,500,000	5.79%	8.42%	100	32.34%	22.73%
Mezz	2,000,000	3.68%	5.79%	100	84.42%	71.17%
Mezz	1,250,000	2.37%	3.68%	100	100.00%	100.00%
Mezz	1,250,000	1.05%	2.37%	100	100.00%	100.00%
Sub	1,000,000	0.00%	1.05%	100	100.00%	100.00%
	95,000,000				6.83%	7.25%

Time: Settlement + 24 months

Total Principal Received:10,000,000K<sub>G</sub> at Origination:4.00%Total Losses Realized:0Calibration Parameter:50.00%

Seriously Delinquent: 2% Loss Severity: 50%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	82,000,000	8.89%	100.00%	100	0.56%	1.60%

Mezz	2,500,000	6.11%	8.89%	100	36.93%	18.81%
Mezz	2,000,000	3.89%	6.11%	100	88.89%	63.68%
Mezz	1,250,000	2.50%	3.89%	100	100.00%	100.00%
Mezz	1,250,000	1.11%	2.50%	100	100.00%	100.00%
Sub	1,000,000	0.00%	1.11%	100	100.00%	100.00%
	90,000,000				7.40%	7.28%

Total Principal Received:15,000,000K<sub>G</sub> at Origination:4.00%Total Losses Realized:0Calibration Parameter:50.00%

Seriously Delinquent: 4%

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	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	77,000,000	9.41%	100.00%	100	0.95%	1.60%
Mezz	2,500,000	6.47%	9.41%	100	50.78%	15.23%
Mezz	2,000,000	4.12%	6.47%	100	97.30%	55.43%
Mezz	1,250,000	2.65%	4.12%	100	100.00%	99.77%
Mezz	1,250,000	1.18%	2.65%	100	100.00%	100.00%
Sub	1,000,000	0.00%	1.18%	100	100.00%	100.00%
	85,000,00	0			8.76%	7.32%

## **Collateral Degradation**

Time: Securitization Settlement

Total Principal Received: 0 K<sub>G</sub> at Origination: 4.00%

Total Losses Realized: 0 Calibration Parameter: 50.00%

Seriously Delinquent: 0% Loss Severity: 0%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	92,000,000	8.00%	100.00%	100	0.56%	1.60%
Mezz	2,500,000	5.50%	8.00%	100	26.96%	26.96%
Mezz	2,000,000	3.50%	5.50%	100	77.76%	77.76%
Mezz	1,250,000	2.25%	3.50%	100	100.00%	100.00%
Mezz	1,250,000	1.00%	2.25%	100	100.00%	100.00%
Sub	1,000,000	0.00%	1.00%	100	100.00%	100.00%
	100,000,000		6.24%	7.20%		

Time: Settlement + 12 months

Total Principal Received:5,000,000K<sub>G</sub> at Origination:4.00%Total Losses Realized:1,000,000Calibration Parameter:50.00%

Seriously Delinquent: 2% Loss Severity: 50%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	87,000,000	7.45%	100.00%	100	0.95%	1.60%
Mezz	2,500,000	4.79%	7.45%	100	64.37%	37.31%
Mezz	2,000,000	2.66%	4.79%	100	100.00%	93.59%
Mezz	1,250,000	1.33%	2.66%	100	100.00%	100.00%
Mezz	1,250,000	0.00%	1.33%	100	100.00%	100.00%
Sub	0	0.00%	0.00%	100	100.00%	100.00%
	94,000,000				7.38%	7.12%

Time: Settlement + 24 months

Total Principal Received: 10,000,000 K<sub>G</sub> at Origination: 4.00%

Total Losses Realized: 2,000,000 Calibration Parameter: 50.00%

Seriously Delinquent: 4% Loss Severity: 50%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	82,000,000	6.82%	100.00%	100	2.24%	1.60%

Mezz	2,500,000	3.98%	6.82%	100	94.83%	54.00%
Mezz	2,000,000	1.70%	3.98%	100	100.00%	100.00%
Mezz	1,250,000	0.28%	1.70%	100	100.00%	100.00%
Mezz	250,000	0.00%	0.28%	100	100.00%	100.00%
Sub	0	0.00%	0.00%	100	100.00%	100.00%
	88,000,000				8.76%	7.00%

Total Principal Received:15,000,000K<sub>G</sub> at Origination:4.00%Total Losses Realized:3,000,000Calibration Parameter:50.00%

Seriously Delinquent: 8%

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	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	77,000,000	6.10%	100.00%	100	5.77%	8.00%
Mezz	2,500,000	3.05%	6.10%	100	100.00%	73.82%
Mezz	2,000,000	0.61%	3.05%	100	100.00%	100.00%
Mezz	500,000	0.00%	0.61%	100	100.00%	100.00%
Mezz	0	0.00%	0.00%	100	100.00%	100.00%
Sub	0	0.00%	0.00%	100	100.00%	100.00%
	82,000,000	O			11.52%	12.81%

## **Collateral Severe Degradation**

Time: Securitization Settlement

Total Principal Received: 0 K<sub>G</sub> at Origination: 4.00%

Total Losses Realized: 0 Calibration Parameter: 50.00%

Seriously Delinquent: 0% Loss Severity: 0%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	92,000,000	8.00%	100.00%	100	0.56%	1.60%
Mezz	2,500,000	5.50%	8.00%	100	26.96%	26.96%
Mezz	2,000,000	3.50%	5.50%	100	77.76%	77.76%
Mezz	1,250,000	2.25%	3.50%	100	100.00%	100.00%
Mezz	1,250,000	1.00%	2.25%	100	100.00%	100.00%
Sub	1,000,000	0.00%	1.00%	100	100.00%	100.00%
100,000,000					6.24%	7.20%

Time: Settlement + 12 months

Total Principal Received:5,000,000K<sub>G</sub> at Origination:4.00%Total Losses Realized:2,500,000Calibration Parameter:50.00%

Seriously Delinquent: 4% Loss Severity: 50%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	87,000,000	5.95%	100.00%	100	2.99%	8.00%
Mezz	2,500,000	3.24%	5.95%	100	99.93%	74.03%
Mezz	2,000,000	1.08%	3.24%	100	100.00%	100.00%
Mezz	1,000,000	0.00%	1.08%	100	100.00%	100.00%
Mezz	0	0.00%	0.00%	100	100.00%	100.00%
Sub	0	0.00%	0.00%	100	100.00%	100.00%
	92,500,000				8.76%	12.77%

Time: Settlement + 24 months

Total Principal Received:10,000,000K<sub>G</sub> at Origination:4.00%Total Losses Realized:5,000,000Calibration Parameter:50.00%

Seriously Delinquent: 8% Loss Severity: 50%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	82,000,000	3.53%	100.00%	100	7.68%	52.23%

Mezz	2,500,000	0.59%	3.53%	100	100.00%	100.00%
Mezz	500,000	0.00%	0.59%	100	100.00%	100.00%
Mezz	0	0.00%	0.00%	100	100.00%	100.00%
Mezz	0	0.00%	0.00%	100	100.00%	100.00%
Sub	0	0.00%	0.00%	100	100.00%	100.00%
	85,000,000				10.94%	53.92%

Total Principal Received:15,000,000K<sub>G</sub> at Origination:4.00%Total Losses Realized:7,500,000Calibration Parameter:50.00%

Seriously Delinquent: 16%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	77,000,000	0.65%	100.00%	100	11.36%	100.00%
Mezz	500,000	0.00%	0.65%	100	100.00%	100.00%
Mezz	0	0.00%	0.00%	100	100.00%	100.00%
Mezz	0	0.00%	0.00%	100	100.00%	100.00%
Mezz	0	0.00%	0.00%	100	100.00%	100.00%
Sub	0	0.00%	0.00%	100	100.00%	100.00%
	77,500,000				11.93%	100.00%

## **Collateral Severe Degradation w/ Price Markdowns**

Time: Securitization Settlement

**Total Principal Received: K**<sub>G</sub> at Origination: 0 4.00% **Total Losses Realized:** 0 **Calibration Parameter:** 50.00%

Seriously Delinquent: 0%

0% Loss Severity:

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	92,000,000	8.00%	100.00%	100	0.56%	1.60%
Mezz	2,500,000	5.50%	8.00%	100	26.96%	26.96%
Mezz	2,000,000	3.50%	5.50%	100	77.76%	77.76%
Mezz	1,250,000	2.25%	3.50%	100	100.00%	100.00%
Mezz	1,250,000	1.00%	2.25%	100	100.00%	100.00%
Sub	1,000,000	0.00%	1.00%	100	100.00%	100.00%
	100,000,000		6.24%	7.20%		

Time: Settlement + 12 months

**Total Principal Received:** 5,000,000 **K**<sub>G</sub> at Origination: 4.00% **Total Losses Realized:** 2,500,000 **Calibration Parameter:** 50.00%

Seriously Delinquent: 4%

Loss Severity: 50%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	87,000,000	5.95%	100.00%	95	0.63%	8.00%
Mezz	2,500,000	3.24%	5.95%	60	99.88%	74.03%
Mezz	2,000,000	1.08%	3.24%	40	100.00%	100.00%
Mezz	1,000,000	0.00%	1.08%	20	100.00%	100.00%
Mezz	0	0.00%	0.00%	0	100.00%	100.00%
Sub	0	0.00%	0.00%	0	100.00%	100.00%
	92,500,000				6.53%	12.77%

Time: Settlement + 24 months

**Total Principal Received:** 10,000,000 **K**<sub>G</sub> at Origination: 4.00% **Total Losses Realized:** 5,000,000 Calibration Parameter: 50.00%

Seriously Delinquent: 8% Loss Severity: 50%

	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	82,000,000	3.53%	100.00%	90	1.06%	52.23%

#### Proposed

Proposed
0.00%
25.00%
30.00%
40.00%
50.00%
60.00%
70.00%
85.00%
100.0070
115.00%
130.00%
150.00%

#### **NPR SSFA** 0% **50%** 100% **150%**

Mezz	2,500,000	0.59%	3.53%	40	100.00%	100.00%
Mezz	500,000	0.00%	0.59%	10	100.00%	100.00%
Mezz	0	0.00%	0.00%	0	100.00%	100.00%
Mezz	0	0.00%	0.00%	0	100.00%	100.00%
Sub	0	0.00%	0.00%	0	100.00%	100.00%
	85,000,000				4.55%	53.92%

Total Principal Received:15,000,000K<sub>G</sub> at Origination:4.00%Total Losses Realized:7,500,000Calibration Parameter:50.00%

Seriously Delinquent: 16%

	· <b>/</b>					
	Size	Attach	Detach	Price	Revised SSFA	NPR SSFA
Senior	77,000,000	0.65%	100.00%	80	1.43%	100.00%
Mezz	500,000	0.00%	0.65%	10	100.00%	100.00%
Mezz	0	0.00%	0.00%	0	100.00%	100.00%
Mezz	0	0.00%	0.00%	0	100.00%	100.00%
Mezz	0	0.00%	0.00%	0	100.00%	100.00%
Sub	0	0.00%	0.00%	0	100.00%	100.00%
	77,500,000				2.06%	100.00%

#### **SSFA Supervisory Floor**

OOI A Supe	I VISOI y I IC
25.00%	0.56%
30.00%	0.64%
40.00%	0.80%
50.00%	1.60%
60.00%	2.80%
70.00%	4.00%
85.00%	6.00%
100.00%	8.00%
130.00%	34.00%
150.00%	52.00%
	100.00%

### Supervisory Floor

1.60%	50%
8%	100%
<b>52</b> %	<b>150</b> %
100%	