Securitization ASF INSTITUTE



Securitization – The Secondary Market

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Securitization ASF INSTITUTE Main Topics

- Secondary market features
- Mechanics of trading and settlement
- Liquidity issues
- Pricing and valuation tools

Securitization ASF INSTITUTE Primary vs. Secondary

Primary market

- New issues
- Main vehicle for capital formation

Secondary market

- Transactions in previously issued securities
- Helps induce investors to buy in the primary market by providing a means later selling a position

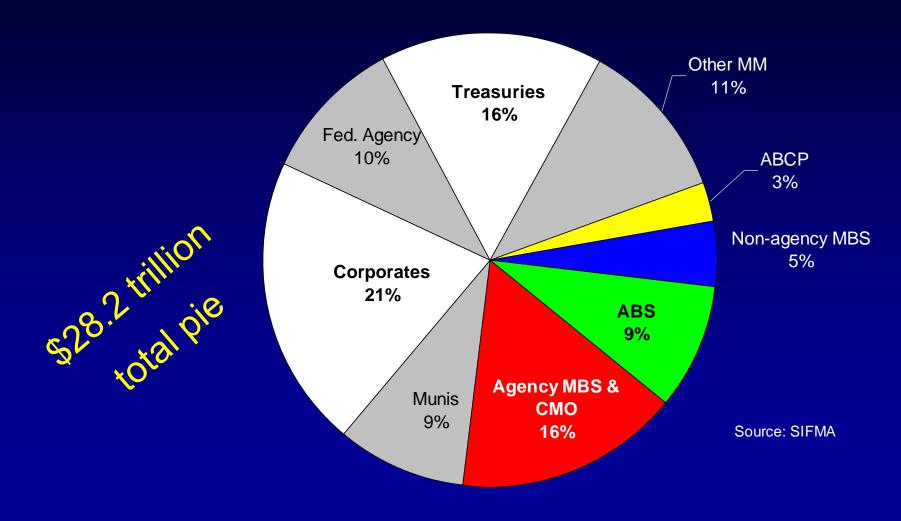
Securitization ASF INSTITUTE Secondary Market Features

OTC: over-the-counter

- No organized exchange
- No centralized reporting of transaction prices or volumes
- No market makers
- Transparency varies by product
- Fungible vs. idiosyncratic positions

Securitization ASF INSTITUTE U.S. Debt Capital Markets

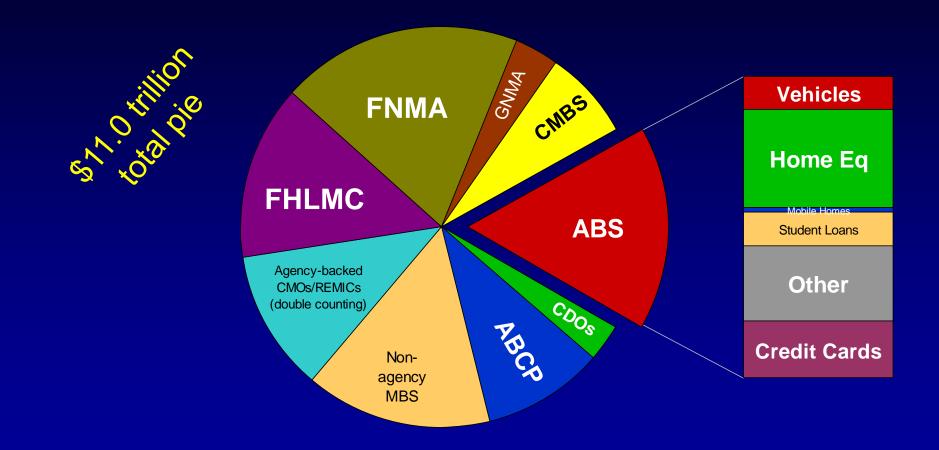
Selected Components, as of 2007Q4 (\$ trillions)





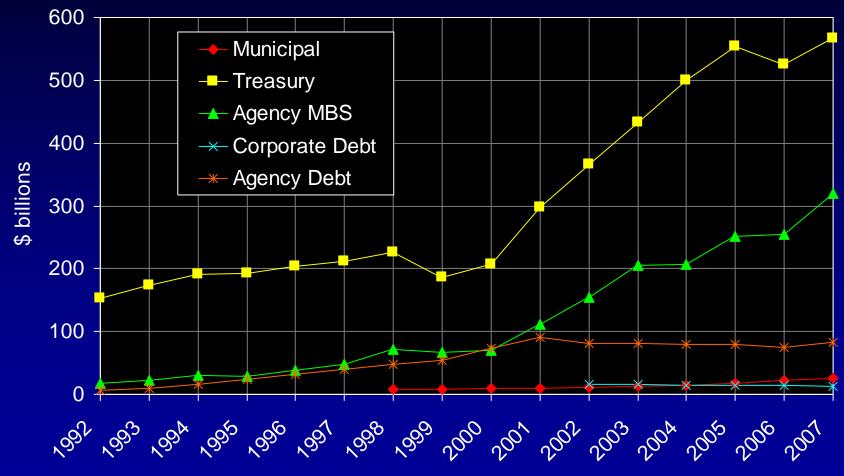
Securitization ASF INSTITUTE Securitization Marketplace

Outstandings as of 2007Q1



Sources: Bond Market Association, Asset Backed Alert, Bloomberg, Trepp, Nomura

Securitization ASF INSTITUTE the U.S. Bond Markets



Source: SIFMA



Reasons to buy in secondary

- Ability to observe performance on seasoned deals
- Sometimes cheaper (wider) spread compared to new issues
- Headlines can widen spread on affected bonds; if you feel the widening is unjustified then you buy cheaper
- Certain accounts may be forced to liquidate and there can be good value

Securitization ASF INSTITUTE Terminology

- Bid price at which bidder is willing to purchase
- Ask price at which seller is willing to sell
- Hit a bid to agree to sell at a bidder's bid price
- Lift an offer to agree to purchase at a seller's ask price
- BWIC bid wanted in competition a solicitation of bids by a potential seller
- OWIC offer wanted in competition a solicitation of ask prices by a potential buyer
- MWIC market wanted in competition a solicitation of two-way (bid & ask) prices

Securitization ASF INSTITUTE Terminology (2)

- V₁ x V₂ in describing a price quote, the maximum volume that a dealer is willing to execute on each side of the market; V₁ is the maximum on the bid side and V₂ is the maximum on the ask side
- Tick 1/32nd; 99-24 means a price of 99-24/32 or 99.75
- Plus half a tick, 1/64th; 99-24+ means a price of 99-49/64 or 99.765625
- 1/4 quarter of tick, 1/128th; 99-24¹/₄ means a price of 99-97/128 or 99.7578125
- Example: a quote of 99-8 / 99-16 10x15 means that the dealer will to by up to \$10 million at a price of 99.25 and is willing to sell up to \$15 million at a price of 99.5.

Securitization ASF INSTITUTE Terminology (3)

Spread

- Bid-ask spread difference between the contemporaneous bid and ask prices quoted by a dealer
- Yield spread in describing the yield on a security, the incremental yield over or under a specified benchmark
- Swaps, swap rates for a given tenor, the fixed rate that a party to an interest rate contract would have to agree to pay in order to receive LIBOR; <u>a common benchmark for</u> <u>spreads on fixed-rate instruments</u>
- LIBOR London interbank offered rate for short term (1, 3, 6 months) deposits; <u>a common benchmark for spreads on floating-rate instruments</u>

Securitization ASF INSTITUTE Pricing Conventions

Securities traded by price

- Agency pass through MBS
 - specified pools price relative to TBAs
 - private-label pass-throughs price relative to TBAs
- IOs (interest-only MBS) & POs (principal-only MBS)
- whole mortgage loans
- ABX and TABX
- distressed securities
- Securities traded by yield
 - everything else; CMOs, private label MBS, ABS, CMBS, CDOs
 - need to make prepayment assumption for yield calculation

Securitization ASF INSTITUTE Pricing Conventions (2)

Popular Bloomberg benchmark curves for spreads

- I conventional yield spread to interpolated Yield Curve
- Z cashflow spread to implied spot curve
- N conventional yield spread to swap curve
- E cashflow spread to Eurodollar spot curve (IMM)
- CMOs (incl. private label) spread to Treasuries (I curve)
 - use BBrg median speed
- Most fixed rate ABS spread to swaps (N curve)

Securitization ASF INSTITUTE Trade Settlement

BMA Uniform Practices for the Clearance and Settlement of Mortgage-Backed Securities and Other Related Securities

MBS TBA trade

monthly settlement cycle (chapter 13)

- notification date
- settlement date
- Class A: FN/FH FRM30
- Class B: FN/FH/GN FRM15
- Class C: GN FRM30
- Class D: FN/FH balloons and all ARMs, VRMs, GPMs, MH, and multifamily
- good delivery guidelines (chapter 8)
 - volume tolerance 0.01%
 - up to 3 pools per \$1 million
- cheapest to deliver
- stipulated TBA trading

Securitization ASF INSTITUTE **Trade Settlement (2)**

Specified pool trade (CUSIP)

- usually settle T+3
- parties can vary settlement if they choose
- intervening paydown yield maintenance

Fails

- failing is expensive
- shorting is tricky; can lead to failing

Securitization ASF INSTITUTE Responding to a Bid List

Try to respond

- looks bad not to respond
- Often need hours or days to analyze bonds
- Bid the bond in or have the sales force shop it around
- Usually don't really want to buy the bond
- Usually best to be the cover
- Even if there is a "riskless" cross, must have a value on the bond
 - Might end up owning it if buyer reneges or puts back because of grossly bad price

Securitization ASF INSTITUTE Selling a Bond from Inventory

- Inventory considerations
- Axe sheet
- Use computational materials (yield tables)
- Sales force
- Last resort: sell to the Street



Factors

- Size of market
- Size of issue
- Public offering vs. 144A vs. private placement
- Ratings
- Availability of monitoring info; access to info
- Evidence
 - Time to sell
 - Bid-ask spread
 - Volume of transactions
 - Number of transactions and who's trading

Securitization ASF INSTITUTE Crossed Market Example

	Bid	Ask	Volume
Dealer 1	98-24	99-8	10x10
Dealer 2	99-12	99-28	10x10

- Buy \$10 million from Dealer 1 at 99-8 and sell \$10 million to Dealer 2 at 99-12. Profit is \$12,500.
- Use MWICs to get dealer quotes and then pick-off dealers
- Dealers will respond by widening the bid-ask spread
- Recent real world example: TABX on first week of trading

Securitization ASF INSTITUTE Result: Wide B-A Spread

One	One Dealer's TABX.BBB- Active Market 3/8/07										
Tranche	Bid	Ask	Volume								
40-100	88-00	90-00	25x25								
25-40	58-00	64-00	10x10								
15-25	45-00	53-00	5x5								
10-15	35-00	42-00	5x5								
5-10	31-00	36-00	5x5								
0-5	26-16	29-16	5x5								

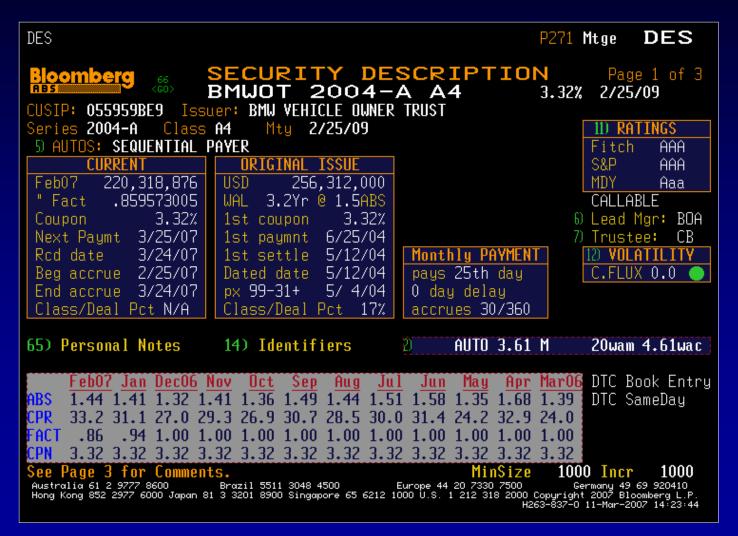
Securitization ASF INSTITUTE Tools – BBrg TBA Monitor

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Cinala C		_	TBA 3	30)	ſr				Page 1/8
5 N	ecurity Inquiry FNCL	FGLMC	GNSF	6 (ICL	FGLMC		GNSF
Apr	97-00+/01+	97-00+/01+	97-21/22-		00-28+		100-29+/3		01-15+/17
May	97-01/02	97-00/01+	97-21/22-		100-27		100-28/2		01-14+/15+
Jun	97-00+/01+	97-00/01+	97-20/23	1	00-26+		100-27/2		101-13/15
Apr/May		$00_{4}/00+$	003 ₄ / 01			/ 01+	0158/0	178	0114/01+
May/Jur	May/Jun / /				003 ₄	/ 0118	1		00/003 ₈
5.5	FNCL	FGLMC	GNSF	6.6		ICL	FGLMC		GNSF
Apr	99-07+708	99-07/08	99-24/25		102-00	/ 00+	101-31/0	0	102-19/20
May	99-06+/07+	99-06+/07+	99-23/24	1	01-30+	/ 31+ 👘	101-30/3	1	102-18/19+
Jun	99-05+/06+	99-06/07	99-22/24		101-30	/ 31	101-29/3	0+ 1	02-17+720
Apr/May	0034701	0078/0118	0114/01+		011 ₈	/ 0138	0118/0	13 ₈	01/014
May/Jur	i /	1	00/00+			1	1		1
		chmarks		Roll Ar	halysis	FNCL	⊸ Apr/May	🚽 Fin F	ate 5.32
Treas 2	Y 100-065 ₈ /0	07 4.6387631		Cpn	Cpr	Cur Drp	B/E Drp	B/E Rte	e B/E Cpr
Treas 3	Y 100-16¼/1	6+ 4.562/558	+03	5.00	7.41	0.000	0.128	5.366	5.716
Treas 5	Y 100-145 ₈ /1	518 4.521/517	+0414	5.50	9.29	0.750	0.709	5.306	12.355
Treas 1			+0638	6.00	11.47	1.250	1.304	5.339	
Treas 3			+ 1134	6.50	15.86	1.125	1.863	5.570	
TBA	30 A TBA15	É FNMA30	ENMA15	GO	D30	GOLD	15 🕯 GNN	/A30	GNMA15
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Securitization ASF INSTITUTE. Tools – BBrg Prepayment F'casts

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Firm	PSA	Yr Mo	WAC	-300	-200	-100	-50	+0	+50	+100	+200	+300
CS	726	28 11	7.15	1548	1402	1118	934	726	479	238	140	112
DB	526	28 8	7.00	1100	1083	935	755	526	325	215	170	155
UBS	782	29 10	7.11	1368	1324	1190	1032	782	546	329	174	129
BS	623	29 3	7.10	1667	1667	1616	1165	623	344	217	166	140
ML	872	29 7	7.12	1866	1784	1526	1223	872	554	320	161	138
LB	567	29 8	7.00	999	968	858	746	567	371	234	160	114
SAL	517	29 9	7.05	2299	2299	1517	894	517	282	204	127	107
GCM	611	28 10	7.15	1313	1245	998	798	611	390	270	183	142
MS	593	29 0	7.10	993	989	917	794	593	405	299	169	136
JPS	523	28 11	7.04	1726	1523	1043	670	523	430	270	180	145
BOA	690	29 2	7.15	1538	1425	1199	995	690	457	257	130	93
GS	978	28 11	7.18	1419	1401	1288	1141	978	739	484	231	184
BAR	624	29 0	7.04	1660	1435	1152	930	624	325	210	129	106
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MED	623		omber Prepayments	g 1538	1402	1152	930	623	405	257	166	136
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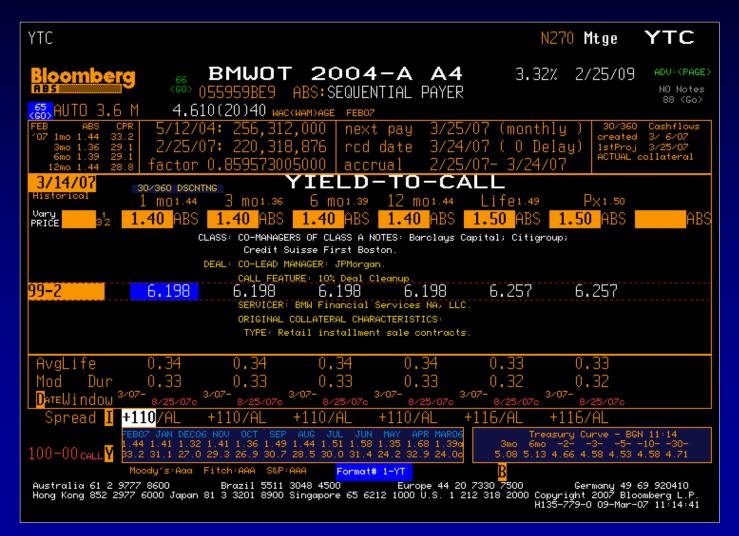
Securitization <u>ASF</u>INSTITUTE **Tools – BBrg Sec. Desc. (1)**



Securitization ASF INSTITUTE TOOLS – BBrg Sec. Desc. (2)

Page			P271 Mtge DES
Bloomberg Issu Series 2004-A	DEAL DESCR BMWOT 2004 Ier: BMW VEHICLE OWNER	I-A	Page 2 of 3
DEAL - CURRENT Feb07 255,290,783 Net 3.61% WAC 4.61% WAM 1:8 20 mo AGE 3:4 40 mo Next Paymt 3/25/07 Rcd date 3/24/07 B.Median PSA PAC 0% Beg Accrue 2/25/07	DEAL ORIGINAL USD 1,500,000,004 Net 3.827% WAC 4.827% WAM 4:3 51 mo AGE 0:7 7 mo 1st paymt 6/25/04 1st settle PAC 0% SUP 0% Dated 5/12/04 5/12/04	Feb07ABS-DEAL1mo1.443mo1.366mo1.3912mo1.44	-CPR AUTO 3.5 M 33.2 29.1 29.1 28.8 25.1
ABS 1.44 1.41 1.32 1. CPR 33.2 31.1 27.0 29 JAM 20 21 22 JAC 4.61 4.61 4.61 4.61 See Page 3 for Comment	Ov Oct Sep Aug Ju 41 1.36 1.49 1.44 1.5 0.3 26.9 30.7 28.5 30.1 22 23 24 25 21 61 4.61 4.61 4.62 4.61 Brazil 5511 3048 4500 3 3201 8900 Singapore 65 6212 1	1 1.58 1.35 1.68 0 31.4 24.2 32.9 6 27 28 29 2 4.62 4.62 4.62 Europe 44 20 7330 7500 000 U.S. 1 212 318 2000 C	

Securitization ASF INSTITUTE Tools – BBrg Yield to Call



Securitization ASF INSTITUTE TOOLS – BBrg Yield Table

optional:	75 <go> for</go>	ACT/360	discountin	ıg.	27	'1 Mtge	ΥT
Bloombe	r 🔊 😵 🕺 😴	5959BE9 A	2004- BS: SEQUENT		3.32%	2/25/09	ADV: <page> Notes 88 <go></go></page>
3mo 1.36 2 6mo 1.39 2 12mo 1.44 2	CPR 5/12/04: 3.2 9.1 2/25/07:	20)40 маски 256,312, 220,318, 859573005	000 next 876 rcd d 000 accru	ate 3/24/ al 2/25/	07- 3/24/07	(y) istProj	Cashflows 3/ 6/07 3/25/07 ollateral
3/14/07	30/360 DSCNTNG			то-са			
Vary PRICE 1. 32	1.20 1.20 ABS 1	1.30	1.40 1.40 ABS	1.50 1.50 ABS	1.60 1.60 ABS 1	1.70 .70 ABS	ABS
98-31	6.041	6.086	6.488	6.552	6.635	7.249	CUD C
99	5.958	6.001	6.391	6.454	6.533	7.129	
99-1	5.875	5.917	6.295	6.355	6,432	7.009	
99-2	5.793	5.833	6.198	6.257	6.331	6.889	
99-3	5.710	5.749	6.102	6.158	6.231	6.769	
99-4	5.628	5.665	6.006	6.060	6.130	6.649	
99-5	5.545	5.582	5.909	5.962	6.029	6.530	
AvgLife	0.40	0.39	0.34	0.33	0.32	0.27	
Mod Dur	0.38	0.37	0.33	0.32	0.31	0.26	
D <mark>a⊤∈Window</mark>	3/07- 3/0 9/25/07c 3/0	7- 9/25/07c ^{3/1}	07- <u>8/25/07</u> 0 3/	07- <u>8/25/07</u> 0 3/0	07- <u>8/25/07c</u> 3/07	7- 7/25/07c	
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100-00 call <mark>Y</mark>	FEBO7 JAN DECO6 NO 1.44 1.41 1.32 1.4 33.2 31.1 27.0 29	41 1.36 1.49 1.	44 1.51 1.58 1	MAY APR MARO6 .35 1.68 1.39a 4.2 32.9 24.0c	Smo 6mo −	ry Curve - BGN 235 56 4.58 4.54 4	1030-
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Securitization ASF INSTITUTE Tools – BBrg Yield Table (2)

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3/15/07	ACT/360 DSCNTN	DISC	OUNT	MARG	IN BP 20.0	for Index 25.0	= 5.3191 30.0
PRICE 1. 3 ¹ 2 99-28	<mark>\$3</mark> PPS 18.2	<mark>\$2</mark> PPS 17.3	<mark>\$3</mark> PPS 18,2	<mark>\$4</mark> PPS 19.3	20.0 CPR 15.3	25.0 CPR 16.8	30.0 CPR 18.4
99-29 99-30	16.1 14.1	15.4 13.6	16.1 14.1	17.0 14.6	14.0 12.6	15.1 13.4	16.3 14.2
99-31 100	12.0 10.0	11.8 10.0	12.0 10.0	12.3 10.0	11.3 10.0	11.7 10.0	12.1 10.0
100-1	7.9 5.9	8.2	7.9 5.9	7.6	8.7 7.3	8.3	7.9
AvgLife Sprd Dur	1.57	1.77	1.57 1.49	1.37 1.31	2.49	1.90 1.78	1.53 1.45
<mark>D</mark> a⊤∈Window	5/27/08- 1/26/09	8/25/08- 5/26/09	5/27/08-1/26/09	3/25/08- 10/27/08	11/25/08- 11/26/10	6/25/08- 10/26/09	3/25/08- 4/27/09
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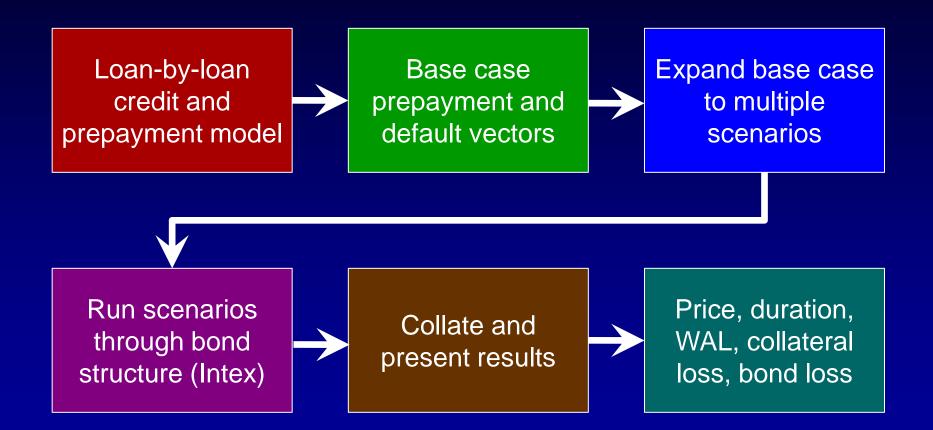
Securitization ASF INSTITUTE Tools – BBrg Yield Table (3)

						271 Mtge	ΥT
	66 <go></go>	FI	NCL 5. Generic:FN		5.5	5%	ADV∶ <page> Vectors 99 <go></go></page>
Kasserver FNCL 5.9	5 6.14	45(356)4 _{МАС}	(WAM)CAGE				33 \GU/
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B.Median:	+300bp111	+200bp125	+100bp147	0bp250 ·	-100bp924	-200bp2219	-300bp2494
Vary 1. 32	111 PSA	125 PSA	147 PSA	250 PSA	924 PSA	2219 PSA	2494 PSA
99-8	5.618	5.621	5.625	5.644	5.760	5.956	5.994
99-9	5.614	5.616	5.620	5.637	5.744	5.924	5.959
99-10	5.609	5.611	5.615	5.631	5.728	5.892	5.924
99-11	5.605	5.607	5.610	5.624	5.712	5.860	5.889
99-12	5.600	5.602	5.605	5.618	5.696	5.828	5.854
99-13	5.596	5.597	5.600	5.611	5.680	5.796	5.819
99-14	5.591	5.593	5.595	5.605	5.664	5.764	5.783
AvgLife	10.62	9.98	9.09	6.33	2.17	1.04	0.95
Mod Dur	7.05	6.73	6.28	4.78	1.96	0.98	0.89
Der∈Window	5/07-12/25/36	^{5/07-} 12/25/36	^{5/07-} 12/25/36 ⁵		⁷⁰⁷⁻ 4725728 ⁵	^{5/07-} 12/25/08	5/07-10/25/08
Spread I	+105/AL	+106/AL		+111 <mark>/AL</mark>	+111/AL	+93/AL	+93/AL
	MAROZ FEB JAN - 201 223 - 9.3 10.4	DEC06 NOV OCT 237 221 238 11.2 10.4 11.2	SEP AUG JUL 214 246 228 10.0 11.4 10.3	JUN MAY APRO6 268 275 253p 12.0 12.1 11.0c	3mo 6mo	asury Curve – B –2– –3– –5– 4.61 4.54 4.50	-1030-
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Securitization ASF INSTITUTE Tools – BBrg Collateral Hist.

9										N270 Mtge	DPD
Bloon ABS	nber			LLATE MWOT						32% 2/25/09 ABS:	e 1 of 3 SEQ Ite collateral
MODE <mark>Dea</mark>	al	&		CUSI	P 055	959BB	9	using	j*	nggi ego	orig Bal
							ABS			CPR	
Date	WAL	WHM	Нge	\$M Bal	1mo	Зmo	6mo	1yr	Life	1mo 3mo 6mo	1yr Life
2/07	4.61	20	40	,		1.36	1.39	1.44	1.49	33.2 29.1 29.1	
1/07	4.61	21	39			1.36			1.50		28.5 25.0
12/06	4.61		38		1.32	1.36	1.42	1.46	1.51		28.4 24.9
11/06	4.61	22	37	320,352	1.41	1.42	1.46	1.44	1.52	29.3 29.0 29.5	
10/06	4.61	23	36				1.46	1.45	1.53	26.9 28.7 28.7	
9/06	4.61	24				1.48	1.51	1.48	1.55		26.9 24.8
8/06	4.62	25	34	394,340	1.44	1.51	1.50	1.50	1.55	28.5 30.0 28.6	
7/06	4.62	26	33	120,001	1.51		1.52	1.52	1.56	30.0 28.6 28.5	
6/06	4.62	27	32			1.55	1.52	1.53	1.57	31.4 29.6 28.0	
5/06	4.62	28	31	480,072	1.35	1.48	1.47	1.54	1.57	24.2 27.2 25.9	
4/06	4.62	29	30	507,847		1.55		1.57	1.59		27.0 24.6
3/06	4.62	30	29	542,118	1.39	1.50	1.48	1.58	1.58	24.0 26.3 26.1	26.6 24.2
Australia Hong Kong	a 61 2 97 g 852 297	777 860 77 6000	0 Japan	Brazil 55 81 3 3201 89	11 3048 (30 Singa	4500 pore 65	6212 10	Europe 4 000 U.S.	4 20 733 1 212 3	30 7500 Germany 49 318 2000 Copyright 2007 B1 H135-779-0 09-Mar	69 920410 comberg L.P. -07 11:11:29

Securitization ASF INSTITUTE Tools – Combined Approach

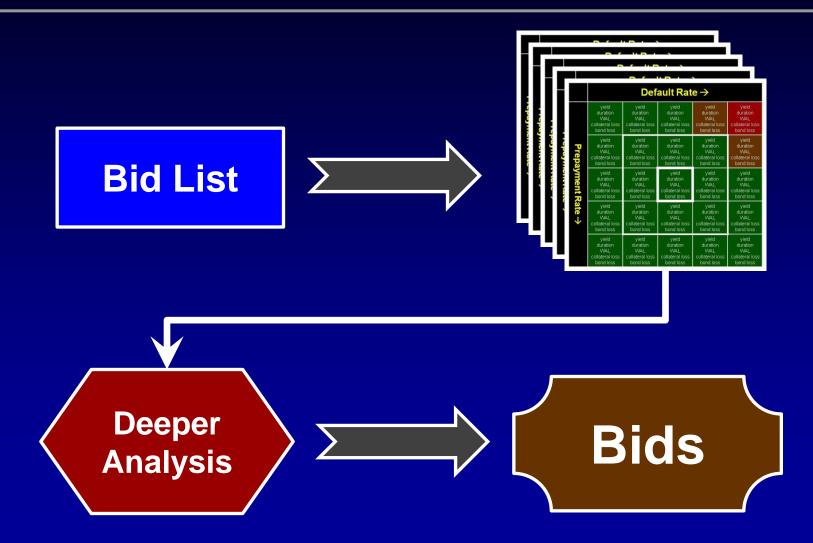


Securitization ASF INSTITUTE Heat Map Presentation

		Defa	ault Rat	e →	
	price	price	price	price	price
	duration	duration	duration	duration	duration
	WAL	WAL	WAL	WAL	WAL
	collateral loss				
	bond loss				
Prepa	price	price	price	price	price
	duration	duration	duration	duration	duration
	WAL	WAL	WAL	WAL	WAL
	collateral loss				
	bond loss				
Prepayment Rate	price	price	price	price	price
	duration	duration	duration	duration	duration
	WAL	WAL	WAL	WAL	WAL
	collateral loss				
	bond loss				
late →	price	price	price	price	price
	duration	duration	duration	duration	duration
	WAL	WAL	WAL	WAL	WAL
	collateral loss				
	bond loss				
	price	price	price	price	price
	duration	duration	duration	duration	duration
	WAL	WAL	WAL	WAL	WAL
	collateral loss				
	bond loss				

price duration WAL collateral loss bond loss

Securitization ASF INSTITUTE Handling Bid Lists



Securitization ASF INSTITUTE Tools – Intex Deal Summary

	-14 P	o-11- o- 11- 11-		T	2 00									
		Option One Morte												
Deal/ (USIP		Collateral Mode				casting Model	Deal Type:	Home Equity	Gross			Opt Redemp:	10%	
OOHE0602	· •	Seasoned-all asset	s 01/01/	2007 Full Fa	ce jindus	stry Std.						Accum Net Los	s: 0.00%	
Load	Database	Deal Info	enarios 🔻	<u>R</u> eports			Cur Deal Bal: Orig Collat Ba				395 More			
Quick Sum	mary	•		Investor Rep	orts Pros	pectus Doc	Cur Collat Bal	\$1,250,435,0	19.28 3 Mo F	Pricing Units:	NA			
OPTION O	OPTION ONE MORTGAGE LOAN TRUST 2006-2 Intex Name OOHE0602 Next Pay Date 01/25/2007 Current Factor 0.8336 Deling 90+ (%) 1.504443													
Intex Name OOHE0602 Next Pay Date 01/25/2007									or	0.8336		Delinq 90+ (%)	1.504443
Deal Type							8	Current WAC		8.5796		Foreclosure (4.068350
Issuer		ption One Mortgage Ad	cceptance Co		•		\$1,500,000,000	Current Net V	VAC	8.2766		REO (%)		0.124549
Trustee		ells Fargo Bank					\$1,323,060,118	Current WAS		6.30		Deling Incl B		No
Dealer		anc of America, RBS 0					\$1,500,000,000	Current WAM		349.00		Deling Incl F(No
Master Serv		ption One Mortgage Co	orp.				\$1,250,435,019	Current WAL		8.37		Deling Incl Re		No
Settle Date		/01/2007			Driginal # /		124	Annualized C				1Mo CPR		30.96
Latest Upda		2/25/2007			Current # A		124	Excess Intere		\$2,961		3Mo CPR		28.28
Deal Closing		6/29/2006			um Loss		\$70,713	Deling 30-59 (4.0256		Stepdown Da		07/25/2009
First Pay Date 07/25/2006 Cum Loss (%) 0.00 Deling 60-89 (%) 2.077428 OC Floor \$7,500,000 TRANCHE SUMMARY INFORMATION														
TRANCHE	SUMMAR	Y INFORMATION		0.1.1		0		0.0	0.1.0.1	0 D I		01 1 I	01.00	
	CULCID	-	~	Origina		Current	Orig Supp	Curr Supp	Orig Bal	Curr Bal		Stated	Orig OC	
Tranche	CUSIP 68402CAA	Туре	•	Moody's/S&F		Acody's/S&P/Fit	tch (%) 20.40	(%)	(1000s)	(1000s)	Factor	Maturity 07/25/2036	(1000s)	(1000s)
	68402CAA 68402CAB	-	5.4000 5.4000	Aaa/AAA/ Aaa/AAA/		Aaa/NA/NA		24.47	\$101,130 \$553,785	\$85,890 \$392,085	0.8493		\$19,50 \$19,50	
IIA1 IIA2	68402CAB	-	5.4000	Aaa/AAA/ Aaa/AAA/		Aaa/NA/NA Aaa/NA/NA	20.40 20.40	24.47 24.47	\$227,365	\$392,065	1.0000		\$19,50	
IIA3	68402CAC		5.4500	Aaa/AAA/		Aaa/NA/NA Aaa/NA/NA	20.40	24.47	\$181,552	\$181,552	1.0000		\$19,50	
IIA3	68402CAD	-	5.6000	Aaa/AAA/ Aaa/AAA/		Aaa/NA/NA Aaa/NA/NA	20.40	24.47	\$101,552	\$101,552	1.0000		\$19,50	
	68402CAE	-	5.6500	Aaa/AAA/ Aa1/AA+/		Aaa/NA/NA Aa1/NA/NA	20.40	24.47	\$130,166 \$59,250	\$130,166	1 0000		\$19,50	
<u>M1</u> M2	68402CAG		5.6500	Aa1/AA+/		Aa2/NA/NA	12.80	15.35	\$55,250	\$54,750	1.0000		\$19,50	
<u>M3</u>	68402CAH		5.6800	Aa3/AA/I		Aa3/NA/NA	12.00	12.84	\$31,500	\$31,500	1.0000		\$19,50	
<u>M4</u>	68402CAJ	-	5.7500	A1/A+/N		A1/NA/NA	8.80	12.04	\$28,500	\$28,500	1.0000		\$19,50	
<u>M5</u>	68402CAG	_	5.7800	A1/A+/N		A2/NA/NA	7.00	8.40	\$20,500	\$20,500	1.0000		\$19,50	
M6	68402CAL	-	5.8300	A2/A/N		A3/NA/NA	5.30	6.36	\$25,500	\$25,500	1.0000		\$19,50	
M7	68402CAM	-	6.3500	Baa1/BBB-		Baa1/NA/NA	3.65	4.38	\$23,300	\$24,750	1.0000		\$19,50	
M8	68402CAN	-	6.6000	Baa2/BBB		Baa2/NA/NA	2.85	3.42	\$12,000	\$12,000	1.0000		\$19,50	
M9	68402CAP	-	7.3500	Baa3/BBB		Baa3/NA/NA	2.30	2.76	\$8,250	\$8,250	1.0000		\$19,50	
M10	68402CAQ	-	7.6000	Ba2/BB/		Ba2/NA/NA	1.30	1.56	\$15,000	\$15,000	1.0000		\$19,50	
<u>P</u>	OOHD5ED		0.0000	202.201			1.00		\$1,500,000	\$1,250,435	1.0000		0.0,00	,
<u>c</u>	OOHIL7JA		0.0000						\$1,500,000	\$1,250,435	1.0000			
R	OOHPB8P		0.0000						\$0	\$0	0.0000			
RX	OOHF1NPE		0.0000						\$0	\$0	0.0000			
TRIGGERS				_										
Test			С	urrent Trio	ger Res	ult Test				Current	Trigger	Result		
Trigger Ever	nt				<u> </u>		Event Subtrigger:	Cumulative L	oss Trigger	0.074%	1.550%			
Trigger Event Subtrigger: Delinquency Trigger 11.457% 9.302% Fail														
		ETS BY CURREN	-								_			-
4														•
Latest update	e: 02/25/200	07 Settle: Jan 01,200	07 Closed:	Jun 29,2006 1	lext Pay: J	an 25,2007 Firs	t Pay: Jul 25,2006	i				Stop		

	INTEXdesktop - [Option One Mortgage Loan Trust 2006-2 OOHE0602]												
<u>F</u> ile <u>E</u> dit	<u>V</u> iew <u>O</u> ptio	ons Scenario Tools	Internet To	ools Utilities Go	Го <u>H</u> elp								
Deal/ (USIF		Collateral Mode		ate Orig Face F	orecasting Model	_ Deal Type:	Home Equity	Gross	WAC:	8.5796 C)pt Redemp:	10%	
OOHE060)2 🔽	Seasoned-all asset	s 🔻 01/01/2	2007 Full Face	ndustry Std. 📃 💌						ccum Net Los	s: 0.00%	
Load	Database	Deal Info	enarios 🔻	Reports		Cur Deal Bal: Orig Collat Bal		0.00 Pricin	g Speed:	395 More			
Quick Sum	nmary	•		Investor Reports	Prospectus Doc	Cur Collat Bal:	\$1,250,435,01	19.28 3 Mo F	Pricing Units:	NA			
OPTION C		GAGE LOAN TRU	ST 2006-2										_
Intex Name	e O	DHE0602			ay Date	01/25/2007	Current Facto	r	0.8336		Delinq 90+ (%		1.504443
Deal Type		ome Equity		Deal A	-	8	Current WAC		8.5796		Foreclosure (4.068350
Issuer		otion One Mortgage Ad	cceptance Co		al Deal Balance	\$1,500,000,000	Current Net W	/AC	8.2766		REO (%)		0.124549
Trustee		ells Fargo Bank			t Deal Balance	\$1,323,060,118	Current WAS		6.30		Deling Incl Br	-	No
Dealer		inc of America, RBS C			al Collat Balance	\$1,500,000,000	Current WAM		349.00		Deling Incl FC		No
Master Ser		tion One Mortgage Co	orp.		t Collat Balance	\$1,250,435,019	Current WALA		8.37		Deling Incl Re		No
Settle Date		/01/2007			al # Assets	124	Annualized C				1Mo CPR		30.96
Latest Upda		/25/2007			t # Assets	124	Excess Interes		\$2,961,		3Mo CPR		28.28
Deal Closin	•	/29/2006		Cum L		\$70,713	Deling 30-59 (4.02560		Stepdown Da		07/25/2009
First Pay Da		/25/2006		Cum L	oss (%)	0.00	Delinq 60-89 (%)	2.07742	20	OC Floor	1	\$7,500,000
TRANGHE	SUMMAR	Y INFORMATION		Original	Current	Orig Supp	Curr Supp	Oria Bal	Curr Pal		Stated	Oria OC	Curr OC
Tranche	CUSIP	Туре	Coupon	Original Moody's/S&P/Fitch	Current Moody's/S&P/Fit	Orig Supp tch (%)	Curr Supp (%)	Orig Bal (1000s)	Curr Bal (1000s)	Factor	Stated Maturity	Orig OC (1000s)	Curr OC (1000s)
IA1	68402CAA		5.4000	Aaa/AAA/NA	Aaa/NA/NA	20.40		\$101,130	\$85,890	0.8493	07/25/2036	\$19,500	
IIA1	68402CAB	-	5.4000	Aaa/AAA/NA	Aaa/NA/NA	20.40		\$553,785	\$392,085	0.7080	07/25/2036	\$19,500	
IIA2	68402CAC	-	5.4500	Aaa/AAA/NA	Aaa/NA/NA	20.40		\$227,365	\$227,365	1.0000	07/25/2036	\$19,500	
IIA3	68402CAD		5.4900	Aaa/AAA/NA	Aaa/NA/NA	20.40		\$181,552	\$181,552	1.0000	07/25/2036	\$19,500	
IIA4	68402CAE		5.6000	Aaa/AAA/NA	Aaa/NA/NA	20.40	24.47	\$130,168	\$130,168	1.0000	07/25/2036	\$19,500	
<u>M1</u>	68402CAF	_	5.6500	Aa1/AA+/NA	Aa1/NA/NA	16.45	19.73	\$59,250	\$59,250	1.0000	07/25/2036	\$19,500	
<u>M2</u>	68402CAG	9 MEZ_FLT	5.6700	Aa2/AA/NA	Aa2/NA/NA	12.80	15.35	\$54,750	\$54,750	1.0000	07/25/2036	\$19,500	\$19,500
<u>M3</u>	68402CAH	_	5.6800	Aa3/AA/NA	Aa3/NA/NA	10.70	12.84	\$31,500	\$31,500	1.0000	07/25/2036	\$19,500	\$19,500
<u>M4</u>	68402CAJ	3 MEZ_FLT	5.7500	A1/A+/NA	A1/NA/NA	8.80	10.56	\$28,500	\$28,500	1.0000	07/25/2036	\$19,500	\$19,500
<u>M5</u>	68402CAK	0 MEZ_FLT	5.7800	A2/A/NA	A2/NA/NA	7.00	8.40	\$27,000	\$27,000	1.0000	07/25/2036	\$19,500	\$19,500
<u>M6</u>	68402CAL	_	5.8300	A3/A-/NA	A3/NA/NA	5.30		\$25,500	\$25,500	1.0000		\$19,500	
<u>M7</u>	68402CAM	-	6.3500	Baa1/BBB+/NA	Baa1/NA/NA	3.65		\$24,750	\$24,750	1.0000	07/25/2036	\$19,500	
<u>M8</u>	68402CAN	-	6.6000	Baa2/BBB/NA	Baa2/NA/NA	2.85		\$12,000	\$12,000	1.0000	07/25/2036	\$19,500	
<u>M9</u>	68402CAP	-	7.3500	Baa3/BBB-/NA	Baa3/NA/NA	2.30		\$8,250	\$8,250	1.0000	07/25/2036	\$19,500	
<u>M10</u>	68402CAQ		7.6000	Ba2/BB/NA	Ba2/NA/NA	1.30	1.56	\$15,000	\$15,000	1.0000	07/25/2036	\$19,500	\$19,500
<u>P</u>	OOHD5ED5		0.0000					\$1,500,000	\$1,250,435	1.0000	07/25/2036		
<u>C</u>	OOHIL7JA		0.0000					\$1,500,000	\$1,250,435	1.0000	07/25/2036		
<u>R</u>	OOHPB8P9		0.0000					\$0 ©0	\$0 50	0.0000			
	S/TESTS S	0 NPR_NPR_NO	0.0000					\$0	\$0	0.0000	07/25/2036		
Test	S/IESISS	OWIWART	0	Irrent Trigger	Result Test				Current	Trigger	Result		
Trigger Eve	ent			urrent Trigger		Event Subtrigger:	Cumulative L	oss Trigger	Current 0.074%	Trigger 1.550%	Pass		
		er: Delinquency Trig	der 11	457% 9.302%	Fail	Eveni Subingger.	Cumulative Lt	uss myger	0.07476	1.000%	F 433		
TOP 5 ST	RAT BUCK	ETS BY CURREN											
	INT DOON	ETO DI CORREN	DALANCI		DE BATAJ								▼ ▶
	ate: 02/25/200	7 Settle: Jan 01,200	7 Closed	lun 29 2006 Next P	av: Jan 25 2007 Fire	t Pav: Jul 25 2006					Ston		
L'accor apua			. 010360. 0	an 20,2000 Next 1	ay. can 20,2007 1113	x i uy. oui 20,2000							

Securitization ASF INSTITUTE Tools – Intex Deal Report

INTEXdesktop - [Option One Mortgage Loan Trust 2006-2 00HE0602]										
Ele Edit View Options Scenario Tools Internet Tools Utilities Go To Help										
Deal/ (USIP/ ISIN Collateral Mode SettleDate Orig Face Forecasting Model Deal Type: Home Equity Gross WAC: 8.5796 Opt Redemp: 10%										
OOHE0602 Seasoned-all assets O										
Lead Database Deal Info Deal Info Scenarios B Reports Deal Cur Deal Bal: \$1,323,060,118.46 WA Amort Term: 395 Orig Collat Bal: \$1,323,060,010.00 Pricing Speed: More										
Price/Yield VM9 I-way As Shown Curves Curves Curves										
Given	Base Case Pricing	Settings		Display						
Price 93 \$/100	Run base case pricing	davs	Daycount default	Custom Customize						
Discount Margin Index LIBOR_1MO		Spread To Interp. Cu	rve - Yield Curve 🔻	Select Customization:	View Spot Curve					
(LIBOR_1MO) Step Amt 2 \$/100 #Steps 5 ±	Hold Price consta	nt Yield E	Basis Default		-					
GoTo 30 CPR, 8 CDR, 50 V Open Customize V Custovice V										
Tranche CUSIP Coupon		Balance Cur Balance	Factor Orig Moody's	Cur Moody's Orig S&P	Delay Accrual Date G					
H M9 68402CAP9 7.350	0 MEZ_FLT 8	3,250,000.00 8,250,000.0	00 1.0000 Baa3	Baa3 BBB-	0 12/26/2006					
Given: Price 83.0000 Disc Margin	30 CPR, 8 CDR,50%SeV,Adv.	125 Sev , Adv 30) CPR, 10 CDR,50%Sev ,Ac 30 C -107	-553	R, 12 CDR,50%SeV ,AC					
83.0000 Disc Margin 85.0000 Disc Margin	635	96	-107	-553	NA					
87.0000 Disc Margin 87.0000 Disc Margin	573	96 67	-133 -158	-574	NA					
89.0000 Disc Margin 89.0000 Disc Margin	573	40	-158	-595	NA					
91.0000 Disc Margin 91.0000 Disc Margin	454	13	-103	-615	NA					
93.0000 Disc Margin 93.0000 Disc Margin	397	-13	-206 -229	-654	NA					
95.0000 Disc Margin 95.0000 Disc Margin	342	-13 -39	-229 -252	-654	NA					
97.0000 Disc Margin 97.0000 Disc Margin	289	-59 -63	-252	-6/2						
99.0000 Disc Margin 99.0000 Disc Margin	209	-63 -87	-274	-708	NA					
101.0000 Disc Margin	187	-07	-295	-705						
	138	-111	-336	-725	NA					
103.0000 Disc Margin WAL	4.92	-133 6.22	-336 3.37	2.71	2.36					
Yield @ Center	9.4743	6.22 5.2447	3.0463	-1.2157	-85.5679					
Principal Window	Jun10 to Mar21	Jan17 to May20	Nov17 to Aug20	Dec18 to May37	-05.5679 NA					
Principal Writedown	0.00 (0.00%)	0.00 (0.00%)	0.00 (0.00%)	· · · · · · · · · · · · · · · · · · ·	,250,000.00 (100.00%)					
Accum Int Shortfall	0.00 (0.00%)	0.00 (0.00%)	0.00 (0.00%)	0.00	0.00					
Accum Coup Cap Shortfall	0.00	0.00	0.00	0.00	0.00					
Min Credit Support Pct	2.84	0.00	0.00	0.00	0.00					
Maturity #mos	171	161	164	365	31					
Mod Durn	3.701	8.174	9.320	11.476	3.015					
Mod Dann Mod Convexity	0.209	0.910	1.121	1.696	0.128					
Total Collat Loss(Entitled)	117,889,911.09 (9.43%)	129,982,131.40 (10.39%)			82,699,152,18 (6,61%)					
Total Collat Loss (Entitled)	117,960,624.31 (7.86%)	130,052,844.62 (8.67%)			82,769,865.40 (5.52%)					
Total Collat Liguidation(Entitled)	234,577,745.21 (18.76%)	258,648,712.89 (20.68%)			4,612,015.33 (13.16%)					
Prepay Rate	30 CPR	30 CPR	30 CPR	30 CPR	30 CPR					
YMP	Incl pnlty	Incl pnlty	Incl pnlty	Incl pnlty	Incl pnlty					
Prepay Penalty Haircut(%)	0	nor printy		0						
Latest update: 02/25/2007 Settle: Jan 01,2007 Closed: Jun 29,2006 Next Pay: Jan 25,2007 First Pay: Jul 25,2006										

INTEXdesktop - [Option One Mortgage Loan Trust 2006-2 OOHE0602]														
<u>F</u> ile <u>E</u> dit <u>V</u> iew <u>O</u> ptions Scenario Tools Internet Tools Utilities Go To <u>H</u> elp														
Deal/ (USIP/ ISIN Collateral Mode SettleDate Orig Face Forecasting Model Deal Type: Home Equity Gross WAC: 8.5796 Opt Redemp: 10%														
OOHE0602 💌 Seasoned-all assets 💌 01/01/2007 Full Face Industry Std. 💌 Orig Deal Bal: \$1,500,000,000.00 WA Rem Term: 349 Accum Net Loss: 0.00%														
Load Deal Info Scenarios Reports A More														
Price/Yield M9 I-way As Shown Curves Curves Curves Curves A Mo Pricing Units: NA														
Given Base Case Pricing Settings Display														
Price		▼ 93 \$/100 □ Run base case pricing □ ignore					e pusiness Davcount default V Use Outemine							
Discount N	davs					·	La Inform Currie Vield Currie -							
(LIBOR_1	MOĴ													
Step Amt	2	\$/100 #Steps	5 ±	Hold Price 💌	const	111	Yield Bas	sis [Delault		<u> </u>				
GoTo 30 CPR, 8 CDR, 50 🗸 Open Customize Transpose														
					- Hori	zontally E	<u>AQ 📥 🚧 🛸</u>							
	anche	CUSIP	Coupon	Туре		Balance	Cur Balance	Factor	Orig Mood		Orig S&P	Delay	Accrual Date	
<u>H</u> M9	M9 68402CAP9 7.3500		MEZ_FLT 8,250,000.00		8,250,000.00	00.00 1.0000 Baa3		Baa3	BBB-	0	12/26/2006			
Given: Price 30 CPR, 8 CDR,50%Sev ,Adv 30 CPR, 9 CDR,50%Sev ,Adv 30 CPR, 10 CDR,50%Sev ,Av 30 CPR, 11 CDR,50%Sev ,Av 30 CPR, 12 CDR,50%Sev ,Av 40														
83.0000	Disc Marg	ain		50 01 IV, 0 0DIV,50 /00	699	50 01 10, 5 00	125	110, 10 001	-107		-553	N, 12 0010,0	NA	_
85.0000				635		96				-574		NA		
87.0000	v			573			67				-595 NA			
89.0000				512			40				-615 NA			
91.0000				454			13		-206		-635 N			
93.0000	Disc Margin			397			-13		-229		-654			
95.0000	Disc Margin			342			-39		-252		-672 N			
97.0000	Disc Margin			289			-63				-691 NA			
99.0000	Disc Margin			237			-87				-708 NA			
101.0000					187			-111 -316			-725			
103.0000) Disc Margin				138		-133	-336			-742		NA	
	WAL				4.92		6.22		3.37		2.71		2.36	
	Yield @ Center				9.4743		5.2447		3.0463	-	1.2157		-85.5679	
	Principal Window			Jun10 to	Mar21	J	an17 to May20	Nov	17 to Aug20	Dec18 to			NA	
	Principal Writedown			0.00 (0.00%)		0.00 (0.00%)	(0.00 (0.00%)	3,217,974.70 (39	9.01%) 8,	250,000.00	(100.00%)	
	Accum Int Shortfall				0.00		0.00		0.00		0.00		0.00	
	Accum Coup Cap Shortfall			0.00			0.00				0.00 0.00			
	Min Credit Support Pct			2.84			0.00				0.00 0.00			
	Maturity #mos			171			161				365 31			
	Mod Durn			3.701				8.174 9.320			11.476 3.015			
	Mod Convexity			0.209				0.910 1.121			1.696 0.12			
	Total Collat Loss(Entitled)				117,889,911.09 (9.43%) 129,982,131						153,517,565.68 (12.28%) 82,699,152.18 (6.619			
	Total Collat Loss w/ History(Entitled)				,960,624.31 (7.86%) 130,052,84				9.84 (9.46%)	153,588,278.90 (10.24%) 82,769,865.40 (5. 205,492,005,09 (24,42%) 154,542,045,22 (42,				
	Total Collat Liquidation(Entitled)										305,482,995.08 (24.43%) 164,612,015.33 (13.16			
	Prepay Rate			30 CPR			30 CPR				30 CPR 30 C			
	YMP Deserve D		In	cl pnlty		Incl pnlty		Incl pnlty	Inc	cl pnlty		Incl pnlty	-	
		enalty Haircut(%)	1 0007 01	ada hua 00.0000 Mili i	0	- 05 0007 5	0		0	1			0	
Latest update: 02/25/2007 Settle: Jan 01,2007 Closed: Jun 29,2006 Next Pay: Jan 25,2007 First Pay: Jul 25,2006 Settle: Jan 01,2007 Closed: Jun 29,2006 Next Pay: Jan 25,2007 First Pay: Jul 25,2006 Settle: Jan 01,2007 Closed: Jun 29,2006 Next Pay: Jan 25,2007 First Pay: Jul 25,2006 Settle: Jan 01,2007 Settl														

Securitization ASF INSTITUTE Speaker Bio

Mark Adelson is a founding member of Adelson & Jacob Consulting, LLC. Until July 2007, Adelson was a managing director and head of structured finance research at Nomura Securities International in New York. He joined Nomura in February 2001. At Nomura he authored numerous reports on a wide variety of securitization topics and worked closely with other members of the fixed income division toward enhancing Nomura's securitization activities. Before Nomura, Adelson worked at Moody's Investors Service for 9½ years. From 1995 through January 2001 Adelson was a managing director in Moody's structured finance group and, at various times, headed or co headed Moody's ABS, MBS, and ABCP teams. Adelson joined Moody's in 1991 as a senior analyst in the asset-backed commercial paper area.

Before joining Moody's, Adelson practiced law for six years at the firm of Thacher Proffitt & Wood, where he worked on mortgage-backed securities transactions and related regulatory matters. Adelson is a member of the New York bar. He holds a JD from the University of Michigan (1985 cum laude) and an AB in economics from Princeton University (1982 magna cum laude).



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