04028884

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

# FORM SE

## FORM FOR SUBMISSION OF PAPER FORMAT EXHIBITS BY ELECTRONIC FILERS

| | |
|---|---|
| **WASHINGTON MUTUAL MORTGAGE SECURITIES CORP.** | **CIK # 0000314643** |
| Exact Name of Registrant as Specified in Charter | Registrant CIK Number |
| **Form 8-K to be filed no later than May 31, 2004** | **333-103345** |
| Electronic Report, Schedule or Registration Statement of Which the Documents Are a Part (give period of report) | SEC File Number, if available |

Name of Person Filing the Document
(if other than the Registrant)

SIGNATURES

The Registrant has duly caused this form to be signed on its behalf by the undersigned, thereunto duly authorized, in the city of Seattle, Washington, on May 21, 2004.

WASHINGTON MUTUAL MORTGAGE
SECURITIES CORP.

By: /s/ David H. Zielke
David H. Zielke
First Vice President and Counsel



DOCSSF1:748966.1

## EXHIBIT INDEX

| Exhibit | |
|---|---|
| P 99.1 | Certain Computational Materials Prepared by the Underwriter in Connection with Washington Mutual Mortgage Securities Corp. WaMu Mortgage Pass-Through Certificates, Series 2004-CB1. (Filed separately under cover of Form SE in accordance with Rule 202 of Regulation S-T pursuant to a continuing hardship exemption). |

# WAMU 2004-CB1 - 3A3

WaMu Capital Corp    Trading and Structuring 206-554-2420

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Balance | $3,136,000.00 | Delay | 24 | WAC(3) | 5.9297 | WAM(3) | 359 |
| Coupon | 5.5000 | Dated | 05/01/2004 | NET(3) | 5.679686 | WALA(3) | 1 |
| Settle | 05/28/2004 | First Payment | 06/25/2004 | | | | |

| Price | 50 PPC | 75 PPC | 100 PPC | 150 PPC | 200 PPC | 300 PPC |
|---|---|---|---|---|---|---|
| | Yield | Yield | Yield | Yield | Yield | Yield |
| 87-24 | 6.21 | 6.39 | 6.67 | 7.83 | 8.76 | 10.69 |
| 88-00 | 6.19 | 6.37 | 6.64 | 7.78 | 8.69 | 10.58 |
| 88-08 | 6.18 | 6.35 | 6.62 | 7.73 | 8.62 | 10.46 |
| 88-16 | 6.16 | 6.33 | 6.59 | 7.67 | 8.55 | 10.34 |
| 88-24 | 6.15 | 6.31 | 6.57 | 7.62 | 8.47 | 10.23 |
| 89-00 | 6.14 | 6.29 | 6.54 | 7.57 | 8.40 | 10.11 |
| 89-08 | 6.12 | 6.28 | 6.52 | 7.52 | 8.33 | 10.00 |
| 89-16 | 6.11 | 6.26 | 6.49 | 7.47 | 8.26 | 9.89 |
| 89-24 | 6.09 | 6.24 | 6.47 | 7.42 | 8.19 | 9.77 |
| WAL | 21.2 | 16.8 | 12.6 | 5.8 | 4.1 | 2.6 |
| Mod Durn | 19.59 | 15.30 | 11.40 | 5.56 | 3.93 | 2.44 |
| Principal Window | 06/20 - 04/34 | 04/16 - 04/34 | 11/12 - 04/34 | 06/09 - 02/11 | 02/08 - 11/08 | 10/06 - 02/07 |

| Treasury | Mat | 1MO | 3MO | 6MO | 2YR | 3YR | 5YR | 10YR | 30YR |
|---|---|---|---|---|---|---|---|---|---|
| | Yld | 0.865 | 0.960 | 1.160 | 2.230 | 2.690 | 3.555 | 4.434 | 5.227 |

# WAMU 2004-CB1 – 3A3

WaMu Capital Corp Trading and Structuring 206-554-2420

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Balance | $3,136,000.00 | Delay | 24 | WAC(3) | 5.9297 | WAM(3) | 359 |
| Coupon | 5.5000 | Dated | 05/01/2004 | NET(3) | 5.679686 | WALA(3) | 1 |
| Settle | 05/28/2004 | First Payment | 06/25/2004 | | | | |

| Price | 10 CPR | 20 CPR | 30 CPR | 40 CPR | 50 CPR |
|---|---|---|---|---|---|
| | Yield | Yield | Yield | Yield | Yield |
| 87-24 | 6.25 | 6.94 | 8.35 | 9.50 | 10.85 |
| 88-00 | 6.23 | 6.91 | 8.29 | 9.41 | 10.73 |
| 88-08 | 6.22 | 6.87 | 8.23 | 9.32 | 10.61 |
| 88-16 | 6.20 | 6.84 | 8.16 | 9.23 | 10.49 |
| 88-24 | 6.19 | 6.81 | 8.10 | 9.14 | 10.38 |
| 89-00 | 6.17 | 6.78 | 8.04 | 9.06 | 10.26 |
| 89-08 | 6.16 | 6.75 | 7.98 | 8.97 | 10.14 |
| 89-16 | 6.14 | 6.72 | 7.92 | 8.88 | 10.02 |
| 89-24 | 6.13 | 6.69 | 7.85 | 8.79 | 9.91 |
| WAL | 20.1 | 10.0 | 4.7 | 3.3 | 2.5 |
| Mod Dum | 18.41 | 9.14 | 4.51 | 3.19 | 2.37 |
| Principal Window | 03/19 - 04/34 | 05/11 - 04/34 | 09/08 - 08/09 | 06/07 - 01/08 | 09/06 - 02/07 |

| Treasury | Mat | 1MO | 3MO | 6MO | 2YR | 3YR | 5YR | 10YR | 30YR |
|---|---|---|---|---|---|---|---|---|---|
| | Yld | 0.865 | 0.960 | 1.160 | 2.230 | 2.690 | 3.555 | 4.434 | 5.227 |

GRAB Mtge Y

Bloomberg CMO

66 <GO> WAMU 2004-CB1 1A 5.25% LEGAL MTY N/A

BCC0F2KE7 CMO:

65 <GO> 5.601(179)1 WAC(WAM)AGE ASSUM

| | | | | |
|---|---|---|---|---|
| ASSUMED | 5/28/04: 47,794,807 | next pay | 6/25/04 (monthly ) | 30/360 Co |
| collateral | 5/ 1/04: 47,794,807 | rcd date | 5/31/04 (24 Delay) | created 5/ |
| -NO History- | factor 1.000000000000 | accrual | 5/ 1/04- 5/31/04 | 1stProj 6/ ASSUMED col |

5/28/04 QUOTED

# YIELD-TO-MATURITY

| Vary PRICE 1/32 | Px 100 | 50 | 75 | 125 | 150 | 175 |
|---|---|---|---|---|---|---|
| | 100 PPC | 50 PPC | 75 PPC | 125 PPC | 150 PPC | 175 PPC |

DEAL: * Information is preliminary and subject to change.

| | | | | | | |
|---|---|---|---|---|---|---|
| 101-24 | 4.597 | 4.814 | 4.711 | 4.472 | 4.335 | 4.188 |
| AvgLife | 3.42 | 5.20 | 4.18 | 2.84 | 2.40 | 2.05 |
| Mod Dur | 2.95 | 4.24 | 3.51 | 2.51 | 2.16 | 1.87 |
| DATE Window | 6/04- 4/25/19 | 6/04- 4/25/19 | 6/04- 4/25/19 | 6/04- 4/25/19 | 6/04- 4/25/19 | 6/04- 10/25/12 |
| Spread I | +135/AL | +94/AL | +118/AL | +147/AL | +159/AL | +164/AL |

100 CALL N Preliminary cashflows based upon dealer representations. "PRO-SUP" UNAVAILABLE.

| Treasury Curve - BGN | | | | | |
|---|---|---|---|---|---|
| 3mo | 6mo | -2- | -3- | -5- | -10- |
| 1.02 | 1.35 | 2.48 | 3.08 | 3.83 | 4.70 |

Format# 1-YT CALLABLE

GRAB Mtge Y

Bloomberg CMO

66 <GO> WAMU 2004-CB1 2A 5% LEGAL MTY N/A

BCC0F2KM9 CMO:

65 <GO> 5.476(359)1 WAC(WAM)AGE ASSUM

| | | | |
|---|---|---|---|
| ASSUMED | 5/28/04: 19,574,889 | next pay 6/25/04 (monthly ) | 30/360 Co |
| collateral | 5/ 1/04: 19,574,889 | rcd date 5/31/04 (24 Delay) | created 5/ 1stProj 6/ |
| -NO History- | factor 1.000000000000 | accrual 5/ 1/04- 5/31/04 | ASSUMED col |

5/28/04 **YIELD-TO-MATURITY**

| Vary PRICE 1/32 | 10.0 CPR | 25.0 CPR | 75 PPC | 125 PPC | 150 PPC | 175 PPC |
|---|---|---|---|---|---|---|
| | 10.0 | 25.0 | 75 | 125 | 150 | 175 |
| 94-16 | 6.072 | 7.219 | 6.249 | 6.845 | 7.170 | 7.514 |
| AvgLife | 7.28 | 2.94 | 5.91 | 3.61 | 2.97 | 2.49 |
| Mod Dur | 5.07 | 2.38 | 4.32 | 2.88 | 2.44 | 2.10 |
| DateWindow | 6/04- 4/25/34 | 6/04- 4/25/34 | 6/04- 4/25/34 | 6/04- 4/25/34 | 6/04- 4/25/34 | 6/04- 3/25/34 |
| Spread I | +185/AL | +416/AL | +226/AL | +353/AL | +409/AL | +471/AL |

DEAL: * Information is preliminary and subject to change.

100 CALL N Preliminary cashflows based upon dealer representations. "PRO-SUP" UNAVAILABLE.

Treasury Curve - BGN

| 3mo | 6mo | -2- | -3- | -5- | -10- |
|---|---|---|---|---|---|
| 1.02 | 1.35 | 2.48 | 3.08 | 3.83 | 4.70 |

Format# 1-YT CALLABLE

GRAB Mtge Y

Bloomberg CMO

WAMU 2004-CB1 4A

6% LEGAL MTY N/A

66 <GO> BCC0F2KT4 CMO:

65 <GO> 6.419(359)1 WAC(WAM)AGE ASSUM

| | | | |
|---|---|---|---|
| ASSUMED collateral -NO History- | 5/28/04: 66,672,803<br>5/ 1/04: 66,672,803<br>factor 1.000000000000 | next pay 6/25/04 (monthly )<br>rcd date 5/31/04 (24 Delay)<br>accrual 5/ 1/04- 5/31/04 | 30/360 Co<br>created 5/<br>1stProj 6/<br>ASSUMED col |

5/28/04 QUOTED

YIELD-TO-MATURITY

| Px | 100 | 50 | 75 | 125 | 150 | 175 |
|---|---|---|---|---|---|---|
| Vary PRICE 1/32 | 100 PPC | 50 PPC | 75 PPC | 125 PPC | 150 PPC | 175 PPC |

DEAL: * Information is preliminary and subject to change.

| | | | | | | |
|---|---|---|---|---|---|---|
| 102-16 | 5.207 | 5.539 | 5.380 | 5.021 | 4.821 | 4.606 |
| AvgLife | 4.09 | 7.62 | 5.42 | 3.22 | 2.62 | 2.18 |
| Mod Dur | 3.34 | 5.40 | 4.17 | 2.75 | 2.31 | 1.97 |
| DateWindow | 6/04- 4/25/34 | 6/04- 4/25/34 | 6/04- 4/25/34 | 6/04- 4/25/34 | 6/04- 4/25/34 | 6/04- 12/25/12 |
| Spread I | +170/AL | +125/AL | +147/AL | +184/AL | +194/AL | +197/AL |

100 CALL N Preliminary cashflows based upon dealer representations. "PRO-SUP" UNAVAILABLE.

Treasury Curve - BGN

| 3mo | 6mo | -2- | -3- | -5- | -10- |
|---|---|---|---|---|---|
| 1.02 | 1.35 | 2.49 | 3.09 | 3.84 | 4.70 |

Format# 1-YT CALLABLE

GRAB Mtge Y

Bloomberg CMO

WAMU 2004-CB1 6A 6% LEGAL MTY N/A

66 <GO> BCC0F2KV9 CMO:

65 <GO> 6.392(359)1 WAC(WAM)AGE ASSUM

| | | | |
|---|---|---|---|
| ASSUMED | 5/28/04: 99,998,428 | next pay 6/25/04 (monthly ) | 30/360 Co |
| collateral | 5/ 1/04: 99,998,428 | rcd date 5/31/04 (24 Delay) | created 5/ 1stProj 6/ |
| -NO History- | factor 1.000000000000 | accrual 5/ 1/04- 5/31/04 | ASSUMED col |

5/28/04 **YIELD-TO-MATURITY**

| Vary PRICE 1/32 | .0 CPR | 10.0 CPR | 20.0 CPR | 25.0 CPR | 30.0 CPR | 40.0 CPR | 50 |
|---|---|---|---|---|---|---|---|
| | .0 | 10.0 | 20.0 | 25.0 | 30.0 | 40.0 | |

DEAL: * Information is preliminary and subject to change.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 102-10 | 5.823 | 5.559 | 5.211 | 5.005 | 4.774 | 4.259 | |
| AvgLife | 19.48 | 7.40 | 3.83 | 2.96 | 2.35 | 1.62 | |
| Mod Dur | 10.70 | 5.25 | 3.14 | 2.54 | 2.08 | 1.49 | |
| DateWindow | 6/04- 4/25/34 | 6/04- 4/25/34 | 6/04- 4/25/34 | 6/04- 4/25/34 | 6/04- 4/25/34 | 6/04- 2/25/10 | 6/04- |
| Spread I | +71/AL | +130/AL | +180/AL | +192/AL | +204/AL | +201/AL | +17 |

100 CALL N Preliminary cashflows based upon dealer representations. "PRO-SUP" UNAVAILABLE.

Treasury Curve - BGN
3mo 6mo -2- -3- -5- -10-
1.02 1.35 2.50 3.09 3.84 4.71

Format# 1-YT CALLABLE

GRAB Mtge Y

Bloomberg CMO

66 <GO> WAMU 2004-CB1 5A 5.25% LEGAL MTY N/A

BCC0F2KU1 CMO:

65 <GO> 5.503(179)1 WAC(WAM)AGE ASSUM

| | | | |
|---|---|---|---|
| ASSUMED | 5/28/04: 79,266,289 | next pay 6/25/04 (monthly ) | 30/360 |
| collateral | 5/ 1/04: 79,266,289 | rcd date 5/31/04 (24 Delay) | created |
| -NO History- | factor 1.000000000000 | accrual 5/ 1/04- 5/31/04 | 1stProj ASSUMED |

5/28/04 **YIELD-TO-MATURITY**

| Vary PRICE 1/32 | 0 PSA | 50 PSA | 100 PSA | 125 PSA | 150 PSA | 175 PSA |
|---|---|---|---|---|---|---|
| 99-24 | 5.292 | 5.290 | 5.288 | 5.287 | 5.286 | 5.285 |
| AvgLife | 8.50 | 7.46 | 6.60 | 6.22 | 5.87 | 5.56 |
| Mod Dur | 6.40 | 5.72 | 5.15 | 4.90 | 4.67 | 4.45 |
| DateWindow | 6/04- 4/25/19 | 6/04- 4/25/19 | 6/04- 4/25/19 | 6/04- 4/25/19 | 6/04- 4/25/19 | 6/04- 4/25/19 |
| Spread I | +81/AL | +99/AL | +114/AL | +120/AL | +126/AL | +131/AL |

· DEAL: * Information is preliminary and subject to change.

100 CALL N Preliminary cashflows based upon dealer representations. "PRO-SUP" UNAVAILABLE.

Treasury Curve - BGN

| 3mo | 6mo | -2- | -3- | -5- | -10- |
|---|---|---|---|---|---|
| 1.02 | 1.35 | 2.52 | 3.12 | 3.87 | 4.74 |

Format# 1-YT CALLABLE