

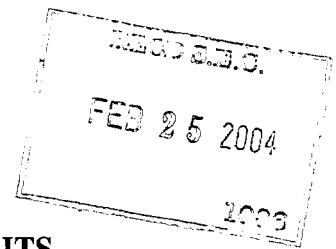


04009074

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.**

Exact Name of Registrant as Specified in Charter

CIK # 0000314643

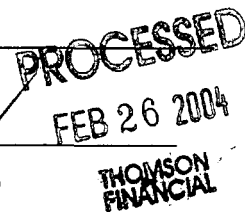
Registrant CIK Number

**Form 8-K to be filed no later than February
29, 2004** *2-25-04*

Electronic Report, Schedule or Registration Statement of Which
the Documents Are a Part (give period of report)

333-103345

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 February 25, 2004.

**WASHINGTON MUTUAL MORTGAGE
SECURITIES CORP.**

By: /s/ David Zielke

David Zielke

First Vice President and Counsel

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-RS1.
(Filed separately under cover of Form SE in accordance with Rule 202 of Regulation S-T pursuant to a continuing hardship exemption).

WAMU 04-RS1 - A4

Deutsche Bank Securities CMO Trading 212-250-2669

Balance \$36,750,000.00 Delay 24 WAC 5.734697386 WAM 353
 Coupon 5.5000 Dated 02/01/2004 NET 5.5 WALA 5
 Settle 02/26/2004 First Payment 03/25/2004

Price	100 PSA	150 PSA	200 PSA	275 PSA	300 PSA	350 PSA	400 PSA	500 PSA	600 PSA	750 PSA
	Yield	Yield	Yield	Yield	Yield	Yield	Yield	Yield	Yield	Yield
100-12	5.487	5.482	5.477	5.471	5.469	5.465	5.462	5.454	5.438	5.405
100-14	5.481	5.475	5.470	5.463	5.461	5.457	5.453	5.445	5.427	5.392
100-16	5.475	5.468	5.463	5.455	5.453	5.449	5.445	5.436	5.416	5.379
100-18	5.468	5.462	5.455	5.447	5.445	5.440	5.436	5.427	5.406	5.366
100-20	5.462	5.455	5.448	5.440	5.437	5.432	5.428	5.418	5.395	5.353
100-22	5.456	5.448	5.441	5.432	5.429	5.424	5.419	5.408	5.385	5.339
100-24	5.449	5.441	5.434	5.424	5.421	5.416	5.411	5.399	5.374	5.326
100-26	5.443	5.434	5.427	5.416	5.413	5.407	5.402	5.390	5.364	5.313
100-28	5.437	5.428	5.419	5.409	5.405	5.399	5.394	5.381	5.353	5.300
100-30	5.430	5.421	5.412	5.401	5.398	5.391	5.385	5.372	5.343	5.287
101-00	5.424	5.414	5.405	5.393	5.390	5.383	5.377	5.363	5.332	5.273
101-02	5.418	5.407	5.398	5.386	5.382	5.375	5.368	5.354	5.322	5.260
101-04	5.411	5.401	5.391	5.378	5.374	5.367	5.360	5.345	5.312	5.247
101-06	5.405	5.394	5.384	5.370	5.366	5.358	5.351	5.336	5.301	5.234
101-08	5.399	5.387	5.376	5.362	5.358	5.350	5.343	5.327	5.291	5.221
101-10	5.392	5.380	5.369	5.355	5.350	5.342	5.335	5.318	5.280	5.208
101-12	5.386	5.374	5.362	5.347	5.343	5.334	5.326	5.309	5.270	5.195
WAL	15.40	13.83	12.63	11.30	10.96	10.36	9.86	8.92	7.40	5.60
Mod Durr	9.76	9.11	8.59	7.99	7.83	7.54	7.28	6.78	5.89	4.69
Principal Window	Mar09 - Aug33	Mar09 - Aug33	Mar09 - Aug33	Mar09 - Aug33	Mar09 - Aug33	Mar09 - Aug33	Mar09 - Aug33	Mar09 - Aug33	Mar09 - Jun33	Jul08 - Jan32
LIBOR_1MO	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10

This Structural Term Sheet, Collateral Term Sheet, or Computational Materials, as appropriate (the "Materials"), was prepared solely by the Underwriter(s), is privileged and confidential, is intended for use by the addressee only, and may not be provided to any third party other than the addressee's legal, tax, financial and/or accounting advisors for the purposes of evaluating such information. Prospective investors are advised to read carefully, and should rely solely on, the final prospectus and prospectus supplement (the "Final Prospectus") related to the securities (the "Securities") in making their investment decisions. This material does not include all relevant information relating to the Securities described herein, particularly with respect to the risk and special considerations associated with an investment in the Securities. All information contained herein is preliminary and it is anticipated that such information will change. Any information contained herein will be more fully described in, and will be fully superseded by, the preliminary prospectus supplement, if applicable, and the Final Prospectus. Although the information contained in the material is based on sources the Underwriter(s) believe(s) to be reliable, the Underwriter(s) make(s) no representation or warranty that such information is accurate or complete. Such information should not be viewed as projections, forecasts, predictions, or opinions with respect to value. Prior to making any investment decision, a prospective investor shall receive and fully review the Final Prospectus. NOTHING HEREIN SHOULD BE CONSIDERED AN OFFER TO SELL OR SOLICITATION OF AN OFFER TO BUY ANY SECURITIES. The Underwriter(s) may hold long or short positions in or buy and sell Securities or related securities or perform for or so investment banking services from, any company mentioned herein. This information is furnished to you solely by Deutsche Bank Securities Inc., and not by the issuer or any of its affiliates. Deutsche Bank Securities Inc. is acting as underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction.

WAMU 04-RS1 - A3

Deutsche Bank Securities CMO Trading 212-250-2669

Balance \$15,000,000.00 Delay 24 WAC 5.734697386 WAM 353
 Coupon 5.5000 Dated 02/01/2004 NET 5.5 WILA 5
 Settle 02/26/2004 First Payment 03/25/2004

Price	100 PSA	200 PSA	275 PSA	300 PSA	400 PSA	500 PSA	750 PSA	1000 PSA
98-04	Yield 5.686	Yield 5.700	Yield 5.720	Yield 5.728	Yield 5.781	Yield 5.861	Yield 6.001	Yield 6.127
98-06	5.681	5.694	5.713	5.722	5.772	5.848	5.983	6.103
98-08	5.676	5.688	5.707	5.715	5.763	5.836	5.965	6.080
98-10	5.671	5.683	5.700	5.708	5.754	5.824	5.947	6.056
98-12	5.666	5.677	5.694	5.701	5.745	5.811	5.928	6.033
98-14	5.660	5.671	5.687	5.694	5.735	5.799	5.910	6.009
98-16	5.655	5.665	5.680	5.687	5.726	5.786	5.892	5.986
98-18	5.650	5.660	5.674	5.680	5.717	5.774	5.874	5.962
98-20	5.645	5.654	5.667	5.673	5.708	5.762	5.855	5.939
98-22	5.640	5.648	5.661	5.667	5.699	5.749	5.837	5.916
98-24	5.635	5.643	5.655	5.660	5.690	5.737	5.819	5.892
98-26	5.630	5.637	5.648	5.653	5.681	5.725	5.801	5.869
98-28	5.625	5.632	5.642	5.646	5.672	5.712	5.783	5.845
98-30	5.620	5.626	5.635	5.639	5.663	5.700	5.764	5.822
99-00	5.615	5.620	5.629	5.632	5.654	5.688	5.746	5.799
99-02	5.609	5.615	5.622	5.625	5.645	5.675	5.728	5.775
99-04	5.604	5.609	5.616	5.619	5.636	5.663	5.710	5.752
WAL	23.39	18.95	15.04	13.82	9.37	6.20	3.97	3.01
Mod Durr	12.37	11.14	9.72	9.20	6.98	5.11	3.47	2.69
Principal Window	Mar07 - Aug33	Mar07 - Aug33	Mar07 - Aug33	Mar07 - Aug33	Mar07 - Aug33	Mar07 - Dec11	Mar07 - Jul08	Nov06 - May07
LIBOR_1MO	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10

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