



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

Ameriquest Mortgage Securities Inc.

Exact Name of Registrant as Specified in Charter

0001102913

Registrant CIK Number

Form 8-K, September 29, 2004, Series 2004-R10

333-118137

Name of Person Filing the Document
(If Other than the Registrant)

SEP 30 2004

PROCESSED

DEC 28 2004

**THOMSON
FINANCIAL**

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: September 29, 2004

AMERIQUEST MORTGAGE SECURITIES INC.

By: /s/ John Grazer

Name: John Grazer

Title: CFO

**IN ACCORDANCE WITH RULE 202 OF REGULATION S-T, THIS EXHIBIT IS
BEING FILED IN PAPER PURSUANT TO A CONTINUING HARDSHIP EXEMPTION.**

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>	<u>Format</u>
99.1	Collateral Term Sheets	P*

* The Collateral Term Sheets have been filed on paper pursuant to a continuing hardship exemption from certain electronic requirements.

FICO Low	FICO High	LTV	Avg Current Balance	Total Current Balance	Percent of Current Balance	Wtd Avg GWAC	Wtd Avg FICO	Wtd Avg DTI	Wtd Avg CLTV	% SFD	% PUD	% Owner Occ	% Full Doc	% Ltd Doc	% Stated Doc	% Int Only	% CA	% NT	% FL
500	524	< 5%	\$ 149,687.72	\$ 94,003,253.17	10.45	8,691	5,116	43.17	74.26	88.45	4.31	88.25	7.75	1.77	0.93	-	15.72	7.60	13.21
525	549	> 5%	\$ 180,560.86	\$ 127,887,001.60	14.23	8,444	5,362	43.00	75.56	88.72	4.41	88.24	10.18	2.71	1.13	-	22.04	7.14	13.72
550	574	> 5%	\$ 151,222.75	\$ 175,425,016.84	18.50	7,873	5,618	46.35	77.04	87.56	2.34	88.63	12.85	2.39	3.88	-	23.22	10.59	9.14
575	599	> 70%	\$ 171,457.15	\$ 110,546,065.30	12.31	7,717	5,668	41.46	79.65	84.97	3.45	94.29	10.36	2.49	2.37	-	21.73	8.58	7.92
600	624	> 70%	\$ 171,617.88	\$ 135,951,060.53	15.23	7,103	6,119	40.06	80.93	83.75	3.40	94.29	10.36	2.49	2.37	-	21.02	6.32	8.12
625	649	> 70%	\$ 174,643.73	\$ 128,112,421.11	14.31	7,310	6,227	39.38	82.40	79.63	3.46	94.29	10.36	2.49	2.37	-	19.64	7.96	8.88
650	674	> 80%	\$ 186,431.32	\$ 97,793,709.87	6.43	7,103	6,607	39.91	87.33	87.29	3.46	88.49	4.59	0.81	1.03	-	17.85	11.57	8.47
675	699	> 80%	\$ 158,645.88	\$ 31,887,821.45	3.55	7,121	6,886	38.08	88.27	88.40	1.43	89.72	2.57	0.32	0.66	-	12.14	10.83	9.34
700	724	> 80%	\$ 168,062.05	\$ 21,514,502.61	0.78	7,137	7,103	37.65	90.60	89.52	0.50	91.12	1.55	0.38	0.47	-	15.16	12.06	8.33
725	749	> 85%	\$ 148,459.30	\$ 6,977,587.04	0.55	7,137	7,243	37.65	90.60	89.52	-	89.51	0.46	0.16	0.15	-	16.08	10.68	5.69
750	774	> 85%	\$ 177,387.29	\$ 4,566,284.06	0.28	7,073	7,851	34.88	90.22	100.00	-	97.75	0.44	0.03	0.06	-	32.45	14.75	-
775	799	> 85%	\$ 168,889.71	\$ 2,493,481.61	0.28	7,073	7,851	34.88	90.22	100.00	-	97.75	0.44	0.03	0.06	-	32.45	14.75	-
Total			\$ 189,613.21	\$ 899,458,851.19	100.00	7,761	5,920	46.76	78.84	85.92	3.43	95.48	67.87	15.92	16.21	-	21.18	8.59	9.43

LTV Low	LTV High	DTI	Avg Current Balance	Total Current Balance	Percent of Current Balance	Wtd Avg GWAC	Wtd Avg FICO	Wtd Avg DTI	Wtd Avg CLTV	% SFD	% PUD	% Owner Occ	% Full Doc	% Ltd Doc	% Stated Doc	% Int Only	% CA	% NT	% FL
60%	64%	> 50%	\$ 148,992.17	\$ 11,233,402.03	10.63	8,519	5,384	53.27	61.67	83.21	2.01	88.44	7.46	1.71	1.40	-	25.43	11.85	13.20
65%	69%	> 50%	\$ 174,684.61	\$ 12,620,680.86	12.14	8,766	5,406	53.51	66.65	83.26	1.78	100.00	8.62	1.49	2.02	-	18.70	14.36	13.87
70%	74%	> 50%	\$ 170,033.87	\$ 20,933,489.75	19.33	8,766	5,406	53.17	72.98	83.26	1.78	100.00	8.62	1.49	2.02	-	21.44	14.36	14.78
75%	79%	> 50%	\$ 187,397.19	\$ 34,551,217.65	32.53	8,307	5,463	53.18	76.91	84.52	3.96	100.00	24.07	7.22	1.24	-	19.52	4.84	12.69
80%	84%	> 50%	\$ 197,482.52	\$ 17,070,990.37	16.87	8,307	5,463	53.18	81.20	89.07	2.37	94.84	13.30	3.57	1.24	-	30.14	9.43	11.66
85%	89%	> 50%	\$ 205,440.00	\$ 6,102,818.93	6.37	8,436	5,814	53.32	86.53	91.69	-	94.44	4.74	1.03	-	-	20.41	1.60	12.96
90%	94%	> 50%	\$ 324,330.91	\$ 2,127,325.66	2.00	7,558	6,077	53.18	90.86	74.01	25.99	100.00	2.00	-	-	-	52.03	-	-
95%	99%	> 50%	\$ 147,120.71	\$ 147,120.71	0.14	6,668	6,960	52.00	95.00	100.00	-	100.00	0.14	-	-	-	-	-	-
Total			\$ 174,914.81	\$ 106,253,110.16	100.00	8,337	5,503	53.19	74.93	83.29	3.38	94.30	73.84	19.00	7.36	-	22.80	9.08	12.87

DTI Low	DTI High	FICO	Avg Current Balance	Total Current Balance	Percent of Current Balance	Wtd Avg GWAC	Wtd Avg FICO	Wtd Avg DTI	Wtd Avg CLTV	% SFD	% PUD	% Owner Occ	% Full Doc	% Ltd Doc	% Stated Doc	% Int Only	% CA	% NT	% FL
20%	24%	< 525	\$ 96,016.22	\$ 2,401,905.50	0.32	9,205	5,117	21.92	65.14	92.14	-	97.19	0.24	0.07	0.06	-	8.90	5.83	3.74
25%	29%	< 550	\$ 123,945.25	\$ 17,044,441.61	2.27	8,682	5,249	26.99	65.61	83.60	6.05	97.04	1.59	0.30	0.30	-	13.70	9.56	14.48
30%	34%	< 575	\$ 143,983.64	\$ 45,780,436.13	6.07	8,248	5,421	32.17	71.45	90.26	22.33	97.04	4.40	0.98	0.78	-	25.03	10.76	12.09
35%	39%	< 600	\$ 149,194.89	\$ 80,565,241.99	10.69	8,131	5,467	37.20	72.07	88.52	2.26	94.84	7.88	1.34	1.47	-	21.76	6.82	9.87
40%	44%	< 625	\$ 169,228.27	\$ 154,843,868.93	20.54	7,883	5,676	42.08	73.20	85.28	3.81	97.39	13.33	2.86	4.35	-	20.97	6.52	10.22
45%	49%	< 650	\$ 177,318.55	\$ 270,410,784.97	35.88	7,827	5,794	47.21	75.59	84.05	4.10	96.88	22.01	5.32	8.55	-	25.64	10.84	8.12
50%	54%	< 675	\$ 175,381.53	\$ 153,844,962.31	20.43	8,071	5,655	51.49	73.37	82.35	2.80	97.56	14.46	3.65	2.33	-	23.39	11.17	11.25
55%	59%	< 700	\$ 167,340.03	\$ 28,915,145.12	3.90	8,398	5,394	55.00	71.41	82.27	4.50	100.00	2.83	0.89	0.08	-	13.91	10.13	13.35
Total			\$ 167,119.03	\$ 753,106,807.56	100.00	7,992	5,637	44.80	73.61	84.59	3.51	97.42	66.74	15.34	17.91	-	23.86	9.35	10.89

UNITED AND STATED DOC

FICO Low	FICO High	LTV	Avg Current Balance	Total Current Balance	Percent of Current Balance	Wtd Avg GWAC	Wtd Avg FICO	Wtd Avg DTI	Wtd Avg CLTV	% SFD	% PUD	% Owner Occ	% Full Doc	% Ltd Doc	% Stated Doc	% Int Only	% CA	% NT	% FL
500	524	< 5%	\$ 137,199.00	\$ 38,445,920.02	8.96	8,019	5,138	42.69	66.51	86.76	4.53	95.99	-	5.43	3.53	-	14.37	11.02	18.12
525	549	> 5%	\$ 154,881.22	\$ 52,014,495.02	12.31	8,244	5,363	42.38	68.96	84.60	4.27	97.04	-	7.07	5.24	-	19.09	10.96	17.37
550	574	> 5%	\$ 181,608.69	\$ 75,085,986.06	17.52	8,221	5,616	41.76	73.19	86.76	3.31	97.04	-	7.00	10.53	-	25.03	10.76	12.09
575	599	> 70%	\$ 189,182.98	\$ 40,980,536.19	11.40	8,091	5,667	40.52	73.79	78.96	2.85	97.01	-	5.14	6.35	-	20.39	8.58	7.93
600	624	> 70%	\$ 171,631.58	\$ 58,551,327.78	13.60	7,734	6,121	40.11	75.16	78.43	1.87	94.44	-	5.96	7.64	-	25.02	9.03	8.86
625	649	> 70%	\$ 183,017.82	\$ 59,114,255.41	13.76	7,586	6,575	39.38	79.05	76.08	1.73	89.30	-	5.63	8.15	-	23.46	11.12	8.73
650	674	> 80%	\$ 190,892.28	\$ 43,223,435.50	10.14	7,266	6,614	39.26	77.96	74.39	7.04	89.45	-	4.22	5.92	-	20.57	17.44	10.65
675	699	> 80%	\$ 190,892.28	\$ 23,384,637.39	3.45	7,088	6,882	41.68	75.85	84.14	1.69	85.49	-	1.91	3.54	-	18.82	11.43	8.23
700	724	> 85%	\$ 175,323.30	\$ 14,410,045.22	3.36	7,088	7,116	38.22	77.07	86.46	2.39	86.02	-	0.86	0.96	-	24.82	14.44	6.00
725	749	> 85%	\$ 188,513.97	\$ 8,257,719.81	1.92	7,027	7,362	37.58	81.45	84.31	-	94.42	-	0.34	0.54	-	36.14	10.56	9.04
750	774	> 85%	\$ 157,629.91	\$ 3,787,917.90	0.80	7,056	7,829	40.36	75.21	89.12	8.88	96.31	-	0.09	0.49	-	58.07	9.85	3.01
775	799	> 85%	\$ 225,971.56	\$ 2,405,687.13	0.50	7,056	7,829	40.36	75.21	89.12	8.88	96.31	-	0.09	0.49	-	58.07	9.85	3.01
Total			\$ 170,944.37	\$ 429,071,949.69	100.00	7,946	6,028	46.64	74.18	81.59	3.30	94.26	-	44.92	55.08	-	22.35	11.13	11.12

10 LOANS

FICO Low	FICO High	Wtd Avg Current Balance	Percent of Current Balance	Wtd Avg CWAC	% MI	FICO	Wtd Avg DTI	Wtd Avg LTV	% SFD	% PUD	% Owner Occ	% Full Doc	% Ltd Doc	% Stated Doc	% Int Only	% CA	% NY	% FL
500	524																	
525	549																	
550	574																	
575	599																	
600	624																	
625	649																	
650	674																	
675	699																	
700	724																	
725	749																	
750	774																	
775	799																	
	800 max																	

K	What is min FICO for loans above 80% LTV Min Fico for ltv greater than 80:	562.00
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L Seasoning history - any over 3m?

18. Seasoning (mos.)

Seasoning (mos.)	Number of Loans	Total Current Principal Balance	% by Total Current Principal Balance	Weighted Average Coupon	Weighted Average Stated Remaining Term	Weighted Average Original LTV	FICO Score
0	23	3,603,890.00	0.29	7.090	341.95	75.72	639.8
1	7,247	1,200,650,080.26	92.36	7.680	350.82	74.49	600.9
2	327	43,415,632.27	3.34	7.785	352.88	77.81	595.4
3	22	3,616,787.43	0.29	7.582	349.93	79.12	606.1
4	200	35,293,408.23	2.71	6.953	336.82	78.12	645.4
5	18	3,232,605.17	0.25	7.159	333.53	80.37	630.8
6	42	6,678,548.84	0.51	7.502	344.00	73.08	595.4
7	18	2,634,567.96	0.23	7.260	353.00	77.13	605.1
8	2	174,858.77	0.01	7.449	352.00	80.00	595.2
Total:	7,908	1,300,000,376.93	100.00	7.659	350.41	74.73	602.2

Minimum: 0
Maximum: 8
Weighted Average: 1.17

M For loans below 100k do for D above but for top 5 MSAs

Selection Criteria: FICO < 600
 Table of Contents

1. FICO Score

1. FICO Score

FICO Score	Current Principal Balance	% by Current Principal Balance	Number of Loans	% of Number of Loans	Average Current Balance	Weighted Average Coupon	Weighted Average Margin	Weighted Average Maximum Rate	Weighted Average Months to Roll	Weighted Average Original Term	Weighted Average Remaining Term	Weighted Average Seasoning	Weighted Original CLTV	FICO Score	DTI	Percent Full-Alt Doc	Percent Owner Occupied	Percent Fixed Rate
<= 500	4,483,652.71	0.67	79	0.70	154,908.71	8.915	6.681	14.915	23	360.00	358.04	1.06	72.40	500.0	44.48	78.4	100.0	3.3
501 - 505	22,649,096.58	3.41	163	3.92	138,951.51	8.714	6.747	14.698	23	358.16	357.01	1.14	68.17	501.1	43.00	76.7	98.9	3.3
506 - 510	26,465,729.03	3.98	185	4.45	143,166.10	8.802	6.730	14.601	23	357.71	356.68	1.09	67.48	501.9	43.81	66.3	98.8	1.7
511 - 515	22,334,352.73	3.36	179	4.28	125,473.95	8.863	6.730	14.875	23	356.40	355.29	1.11	66.41	510.0	41.80	73.3	98.9	3.6
516 - 520	26,013,530.98	3.94	185	4.45	140,613.68	8.562	6.669	14.552	23	357.05	355.99	1.06	69.13	518.3	42.38	74.8	99.4	3.1
521 - 525	42,018,634.94	6.32	262	6.30	160,380.28	8.514	6.541	14.430	23	356.40	355.24	1.16	70.88	527.9	41.99	68.9	96.2	1.8
526 - 530	30,893,801.27	5.55	243	5.84	151,626.34	8.514	6.557	14.430	23	354.62	353.54	1.08	70.15	528.0	41.97	67.9	99.0	3.3
531 - 535	39,398,826.10	5.92	257	6.18	153,102.83	8.403	6.532	14.350	23	355.23	354.12	1.11	70.80	530.0	41.80	72.1	97.3	5.0
536 - 540	32,777,302.69	4.93	209	5.03	156,029.20	8.412	6.523	14.366	23	355.68	354.58	1.10	70.26	538.1	43.54	66.0	98.8	3.9
541 - 545	32,717,833.03	4.92	218	5.24	150,981.81	8.416	6.517	14.351	23	355.88	354.81	1.07	69.54	540.0	41.43	71.8	96.8	3.9
546 - 550	41,825,148.43	7.19	276	6.64	173,729.52	7.901	6.229	13.850	23	357.00	355.86	1.14	74.17	552.9	39.92	63.6	98.1	4.0
551 - 555	47,825,148.43	7.19	276	6.64	173,729.52	7.901	6.229	13.850	23	357.00	355.86	1.14	74.17	552.9	39.92	63.6	98.1	4.0
556 - 560	37,064,720.99	5.57	235	5.66	157,722.21	7.908	6.228	13.864	23	356.02	354.88	1.10	73.94	558.0	40.17	58.4	96.8	6.3
561 - 565	41,154,434.52	7.00	254	6.11	165,447.38	7.734	6.160	13.880	23	356.16	355.03	1.13	74.01	557.8	40.41	65.9	97.8	4.6
566 - 570	39,316,070.76	5.76	233	4.88	168,153.06	7.500	6.207	13.866	23	357.25	356.20	1.05	73.62	560.0	40.28	70.2	96.0	2.5
571 - 575	37,963,422.35	5.71	215	5.17	176,274.28	7.791	6.153	13.735	23	355.10	353.99	1.11	75.25	570.0	39.90	61.7	96.7	4.0
576 - 580	31,237,544.85	4.71	181	4.35	173,125.61	7.963	6.181	13.924	23	355.97	354.83	1.14	74.95	578.0	41.84	65.9	99.0	5.5
581 - 585	27,183,545.36	4.18	160	3.85	173,647.16	7.554	6.135	13.484	23	357.19	355.97	1.22	74.80	583.0	40.48	65.3	96.4	6.2
586 - 590	29,517,627.14	4.45	184	4.42	160,449.60	7.647	6.137	13.554	23	355.93	354.79	1.14	75.85	588.1	40.25	71.1	93.8	7.9
591 - 595	26,445,261.70	3.98	173	4.16	152,862.90	7.734	6.170	13.655	23	355.14	353.89	1.25	74.71	593.0	40.59	59.9	97.1	8.7
596 - 600	74,251,337.23	3.05	135	3.25	179,883.96	7.749	6.098	13.713	23	357.10	356.00	1.10	74.19	597.4	41.09	70.8	96.9	5.3
Total:	865,034,122.23	100.00	4,199	100.00	159,402.41	8.148	6.374	14.104	23	356.41	355.29	1.12	72.20	550.7	41.37	67.6	98.1	4.4

Minimum: 500

Maximum: 599

Weighted Average: 550.7

% UPB missing FICO: 0.0