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

IndyMac ABS, Inc.

Exact Name of Registrant as Specified in Charter

0001060764

Registrant CIK Number

Form 8-K, September 27, 2004, Series SPMD 2004-B

333-118931

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

PROCESSED

SEP 29 2004

THOMSON
FINANCIAL

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[Handwritten signature]

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 27, 2004

INDYMAC ABS, INC.

By: 
Name: Victor Woodward
Title: Vice President

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	Computational Materials	P*

* The Computational Materials have been filed on paper pursuant to a continuing hardship exemption from certain electronic requirements.

Indy 04-B

Pool Size 1,000,000,000.00

- 1) 12 mo lag
- 3) 100% advancing
- 4) Triggers failing
- 5) to maturity

1) Pricing Speed, 40% Severity, Fwd Libor

	BE CDR	Cum Loss \$	Cum Loss %
M5	13.75	\$ 129,462,078.11	12.95%
M6	11.76	\$ 115,219,620.68	11.52%
M9	8.15	\$ 86,160,145.10	8.62%

2) Pricing Speed, 70% Severity, Fwd Libor

	BE CDR	Cum Loss \$	Cum Loss %
M5	7.25	\$ 136,921,005.32	13.69%
M6	6.30	\$ 121,620,541.69	12.16%
M9	4.54	\$ 91,318,502.55	9.13%

3) Pricing Speed, 40% Severity, Fwd Libor + 200

	BE CDR	Cum Loss \$	Cum Loss %
M5	11.26	\$ 111,604,542.51	11.16%
M6	9.41	\$ 96,957,533.49	9.70%
M9	6.14	\$ 68,103,096.44	6.81%

4) Pricing Speed, 70% Severity, Fwd Libor + 200

	BE CDR	Cum Loss \$	Cum Loss %
M5	5.96	\$ 116,216,204.37	11.62%
M6	5.07	\$ 100,884,357.76	10.09%
M9	3.44	\$ 71,279,946.73	7.13%

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l party other than the addressee's legal, tax, financial and/or accounting advisors for the purposes
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relating to the Securities described herein, particularly with respect to the risk and special considerations
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sell Securities or related securities or perform for or solicit investment banking services from, any company

Indy 04-b**Static Libor**

1 Month	1.81130%
6 Month	2.08000%
1Yr Tsy	2.052%
1Yr Libor	2.3438%

Base PPC

Arms	28% CPR
Fixed	100% of [4-23 CPR over 12, 23 CPR thereafter]

Base Forward Libor

	Libor 1 M	Libor 6 M
1	1.81130	2.08000
2	1.91400	2.17810
3	2.00530	2.26820
4	2.09710	2.35430
5	2.25620	2.44000
6	2.38740	2.51050
7	2.35530	2.57630
8	2.47850	2.64820
9	2.51370	2.70210
10	2.56980	2.76440
11	2.69040	2.83260
12	2.78270	2.88490
13	2.75520	2.93160
14	2.82140	2.99860
15	2.88390	3.06070
16	2.94940	3.12460
17	3.01510	3.18980
18	3.07370	3.25150
19	3.13600	3.31450
20	3.19890	3.38080
21	3.25870	3.44560
22	3.32090	3.51460
23	3.38250	3.58090
24	3.44390	3.64620
25	3.53590	3.71540
26	3.59330	3.77110
27	3.65620	3.83110
28	3.71800	3.89470
29	3.77460	3.94950
30	3.83090	4.00880
31	3.88800	4.06650
32	3.94550	4.09760
33	4.00510	4.12710
34	4.06270	4.15630
35	4.11510	4.18070
36	4.17230	4.20780
37	4.07460	4.22650
38	4.12000	4.27150
39	4.16700	4.31690
40	4.21350	4.36380
41	4.26080	4.40670
42	4.30560	4.45590
43	4.34660	4.49570
44	4.38840	4.51870
45	4.43170	4.54190
46	4.47390	4.56270
47	4.51810	4.58320
48	4.55370	4.60390

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49	4.48540	4.61840
50	4.52310	4.65470
51	4.55920	4.69200
52	4.59390	4.72540
53	4.63040	4.75970
54	4.66330	4.79540
55	4.69610	4.82780
56	4.73120	4.85290
57	4.76520	4.87940
58	4.79540	4.90150
59	4.82890	4.92730
60	4.85990	4.94890
61	4.84500	4.96810
62	4.87500	4.99760
63	4.90400	5.02680
64	4.93550	5.05470
65	4.96470	5.08490
66	4.98790	5.11010
67	5.01560	5.13730
68	5.04310	5.16130
69	5.07020	5.18340
70	5.09520	5.20420
71	5.12130	5.22750
72	5.14710	5.24730
73	5.15180	5.26580
74	5.17630	5.29130
75	5.19800	5.31260
76	5.22320	5.33570
77	5.24640	5.35920
78	5.26550	5.38010
79	5.28950	5.40210
80	5.31070	5.40900
81	5.33100	5.41500
82	5.35300	5.42010
83	5.37380	5.42570
84	5.39290	5.42980
85	5.32770	5.43230
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Indymac Bank., Series SPMD 2004-B

Breakeven Runs

Assumptions:

- 1) Lag Months = 12
- 2) Prepay: Fix - 100% PPC (4-23% CPR over 12 months), Arm - 28% CPR
- 2) Triggers Fail
- 3) Severity: 50%

Forward LIBOR + 200BPS

% of Pricing Speed	Bond	% CDR	Total Collateral Loss %
75	M7	5.76	10.33
100	M7	6.22	8.60
125	M7	6.80	7.54

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