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Q1 2023 Earnings Supplemental Materials
April 28, 2023

## Disclaimers

## Forward-Looking Information

This presentation contains forward-looking statements and information. Statements that are not historical facts, including statements about our beliefs and expectations, are forward-looking statements. Forward-looking statements include statements preceded by, followed by or that include the words "may," "could," "would," "should," "believe," "expect," "anticipate," "plan," "estimate," "target," "project," "intend" and similar expressions. These statements include, among others, statements regarding our expected performance, anticipated returns on our investments, the mortgage backed securities markets, financing and hedging strategies, and means to implement those strategies, and actual or anticipated actions of the Federal Reserve (the "Fed"), and the impact of those actual or anticipated actions on the Company.

The forward-looking statements are based on our beliefs, assumptions and expectations of our future performance, taking into account all information currently available to us. You should not place undue reliance on these forward-looking statements. These beliefs, assumptions and expectations can change as a result of many possible events or factors, not all of which are known to us. Some of these factors are described under the caption "Risk Factors" in our Annual Report on Form 10-K. If a change occurs, our business, financial condition, liquidity and results of operations may vary materially from those expressed in our forward-looking statements. Any forward-looking statement speaks only as of the date on which it is made. New risks and uncertainties arise from time to time, and it is impossible for us to predict those events or how they may affect us. Except as required by law, we are not obligated to, and do not intend to, update or revise any forward looking statements, whether as a result of new information, future events or otherwise.

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## Topic Point

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## Financial Highlights for the Quarter Ended March 31, 2023

- Net income per share of $\$ 0.09$
- Net earnings per share of (\$0.24), excluding realized and unrealized gains/(losses) on RMBS and derivative instruments, including net interest income on interest rate swaps (See page 30 for reconciliation of this non-GAAP measure to net income per share)
- Gain of $\$ 0.33$ per share from net realized and unrealized gains on RMBS and derivative instruments, including net interest income on interest rate swaps
- Book value per share of $\$ 11.55$ at March 31, 2023 versus $\$ 11.93$ at December 31, 2022
- In Q1 2023, the Company declared and subsequently paid $\$ 0.48$ per share in dividends. Since its initial public offering, the Company has declared $\$ 65.29$ in dividends per share, including the dividends declared in April 2023
- Total economic gain of $\$ 0.10$ per share, or $0.84 \%$, for the quarter


## Market Developments

## U.S. Treasury Curve \& U.S. Dollar Swap Curve




## 10-Year U.S. Treasury Note \& 10-Year U.S. Dollar Swap




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## 10-Year U.S. Treasury Note vs MBS Current Coupon



## 5-Year Treasury Note vs 30-Year Treasury Bond Spread



## Commercial Bank \& Federal Reserve MBS Holdings



 values. The data for domestically chartered commercial banks and U.S. branches and agencies of foreign banks are estimated by benchmarking weekly data provided by a sample of banks to quarter-end reports of condition (Call

 to remove the estimated effects of mergers and panel shifts between these two bank groups. (See www.federalreserve.gov/releases/h8/about.htm for more information on how these data were constructed.)

## Mortgage Market Update: TBA \& Roll Vs Specified Pool



## Swaption Implied Volatility

$3 \mathrm{~m} \times 10 \mathrm{Y}$ Normal Vol


## TBA OAS \& Specified Pool Pay-up Performance




Cross Asset Fixed Income Performance by U.S. Aggregate Bond Index Component

Q1 2023 Returns


2022 Returns as of 12/31/22


## Cross Asset Spreads Change, 2023

| Spreads |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rating IG | Sector | Current | Dec-22 | YTD Change | Apr-22 | YoY change | 2021 YE | 2022 change | 2022 highs | Current vs highs |
|  | Agency MBS | 165 | 145 | 20 | 124 | 40 | 68 | 77 | 177 | -13 |
|  | Corps | 142 | 144 | -2 | 131 | 11 | 94 | 50 | 179 | -37 |
| HY | Corps | 447 | 475 | -28 | 357 | 90 | 298 | 177 | 588 | -141 |
|  | LL | 515 | 560 | -45 | 405 | 110 | 411 | 149 | 569 | -53 |
| AAA | US CLO AAA | 165 | 185 | -20 | 132 | 33 | 107 | 78 | 230 | -65 |
|  | EUCLOAAA | 195 | 210 | -15 | 122 | 73 | 98 | 112 | 250 | -55 |
|  | CMBS (OTR LCF 10yr) | 151 | 126 | 25 | 92 | 59 | 72 | 54 | 169 | -19 |
|  | CRE CLO (5Y managed) | 225 | 245 | -20 | 160 | 65 | 140 | 105 | 265 | -40 |
|  | RMBS (Non-QM) | 175 | 185 | -10 | 160 | 15 | 95 | 90 | 250 | -75 |
|  | ABS (Credit Card) | 75 | 60 | 15 | 25 | 50 | 20 | 40 | 90 | -15 |
|  | ABS (FFELPSL 3Y) | 135 | 155 | -20 | 81 | 54 | 51 | 104 | 180 | -45 |
|  | ABS (Private SL 3Y) | 175 | 170 | 5 | 115 | 60 | 50 | 120 | 215 | -40 |
| AA | US CLOAA | 225 | 255 | -30 | 180 | 45 | 170 | 85 | 295 | -70 |
|  | EUCLOAA | 280 | 320 | -40 | 210 | 70 | 180 | 140 | 360 | -80 |
|  | CRE CLO | 340 | 390 | -50 | 225 | 115 | 200 | 190 | 410 | -70 |
|  | RMBS Non-QM AA | 240 | 295 | -55 |  |  | 135 | 160 |  |  |
| A | USCLOA | 310 | 340 | -30 | 220 | 90 | 210 | 130 | 385 | -75 |
|  | EUCLOA | 365 | 430 | -65 | 270 | 95 | 215 | 215 | 480 | -115 |
|  | CRE CLO | 385 | 455 | -70 | 245 | 140 | 240 | 215 | 475 | -90 |
|  | CRT OTRM1A | 194 | 240 | -46 | 199 | -5 | 104 | 136 | 355 | -161 |
|  | RMBS Non-QM A | 260 | 340 | -80 |  |  | 145 | 195 |  |  |
| BBB | USCLO BBB | 500 | 500 | 0 | 325 | 175 | 350 | 150 | 585 | -85 |
|  | EUCLO BBB | 550 | 605 | -55 | 385 | 165 | 325 | 280 | 650 | -100 |
|  | CRT OTRM1B | 320 | 360 | -40 | 289 |  | 185 | 175 | 499 | -179 |
|  | RMBS Non-QM BBB | 465 | 552 | -87 |  |  | 205 | 347 |  |  |
| BB | US CLO BB | 925 | 950 | -25 | 685 | 240 | 715 | 235 | 1075 | -150 |
|  | EUCLO BB | 925 | 1010 | -85 | 705 | 220 | 630 | 380 | 1075 | -150 |
|  | CRT OTR M2 | 539 | 615 | -76 | 199 | 340 | 211 | 404 | 700 | -161 |
|  | CRT OTRB1 | 736 | 750 | -14 | 289 | 447 | 361 | 389 | 878 | -142 |
|  | CRT OTR B2 | 1243 | 1,300 | -57 | 435 | 808 | 671 | 629 | 1,400 | -157 |

## Refinancing Activity

Refi Index vs. Mortgage Rates


Primary - Secondary Spreads


Refi Index vs. Percent In-The-Money ("ITM")


## Financial Results

## Orchid Island Capital Financial Results for the Three Months Ended March 31, 2023

## Income Statement

|  | Net Income <br> Excluding Realized <br> and Unrealized <br> Gains and Losses | Realized and <br> Unealized <br> Gains/(Losses) |  | Total(1) |
| :--- | ---: | ---: | ---: | ---: |

## MBS Portfolio Returns by Sector

| (\$ in thousands) | Pass-Through Portfolio |  | Structured Security Portfolio |  |  |  |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | InterestOnly Securities |  | Inverse Interest Only Securities | Sub-total |  |  |  |
| Income / (loss) (net of borrowing cost) | \$ | $(4,622)$ | \$ | 417 \$ |  | \$ | 417 | \$ | $(4,205)$ |
| Realized and unrealized (losses) / gains |  | 53,868 |  | (28) | 55 |  | 27 |  | 53,895 |
| Derivative losses |  | $(41,156)$ |  | n/a | $\mathrm{n} / \mathrm{a}$ |  | n/a |  | $(41,156)$ |
| Total Return | \$ | 8,090 | \$ | 389\$ | 55 | \$ | 444 | \$ | 8,534 |
| Beginning Capital Allocation | \$ | 378,680 | \$ | 19,669\$ | 427 | \$ | 20,096 | \$ | 398,776 |
| Return on Invested Capital for the Quarter(1) |  | 2.1\% |  | 2.0\% | 12.9\% |  | 2.2\% |  | 2.1\% |
| Average Capital Allocation(2) | \$ | 387,832 | \$ | 19,316\$ | 455 | \$ | 19,771 | \$ | 407,603 |
| Return on Average Invested Capital for the Quarter(3) |  | 2.1\% |  | 2.0\% | 12.1\% |  | 2.2\% |  | 2.1\% |

(1) Calculated by dividing the Total Return by the Beginning Capital Allocation, expressed as a percentage.
(2) Calculated using two data points, the Beginning and Ending Capital Allocation balances.
(3) Calculated by dividing the Total Return by the Average Capital Allocation, expressed as a percentage.

## Orchid Economic Interest Rate Spread and Dividend History

Orchid Yield on MBS vs Economic Cost of Funds

$\qquad$


Orchid Earnings Per Share (EPS) as Reported and with Gains/(Losses) Removed(1)


## Orchid and Peer Group Leverage Ratio History



1. Total liabilities minus unsettled purchases divided by stockholder's equity as of $03 / 31 / 23$.

Orchid Island vs Historic Peers Average


Note: Peer AVG is an unweighted average across the ORC peer group. For 12/31/22 this includes the portfolio leverage ratios from AGNC, ARR, CHMI, DX, IVR, and NLY. MBS only leverage ratio from AAIC was included through 09/30/22

## Orchid Capital Allocation \& MBS Portfolio Activity for the Three Months Ended March 31, 2023

## Capital Allocation

| (\$ in thousands) |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Pass-Through Portfolio |  | Interest-Only <br> Securities |  | Inverse Interest Only Securities |  | ub-total |  | Total |
| March 31, 2023 |  |  |  |  |  |  |  |  |  |  |
| Market value | \$ | 3,980,462 | \$ | 18,962 | \$ | 482 | \$ | 19,444 | \$ | 3,999,906 |
| Cash |  | 185,958 |  | - |  | - |  | - |  | 185,958 |
| Borrowings(1) |  | $(3,769,437)$ |  | - |  | - |  | - |  | $(3,769,437)$ |
| Total | \$ | 396,983 | \$ | 18,962 | \$ | 482 | \$ | 19,444 | \$ | 416,427 |
| \% of Total |  | 95.3\% |  | 4.6\% |  | 0.1\% |  | 4.7\% |  | 100.0\% |
| December 31, 2022 |  |  |  |  |  |  |  |  |  |  |
| Market value | \$ | 3,519,906 | \$ | 19,669 | \$ | 427 | \$ | 20,096 | \$ | 3,540,002 |
| Cash |  | 237,219 |  | - |  | - |  | - |  | 237,219 |
| Borrowings(2) |  | $(3,378,445)$ |  | - |  | - |  | - |  | $(3,378,445)$ |
| Total | \$ | 378,680 | \$ | 19,669 | \$ | 427 | \$ | 20,096 | \$ | 398,776 |
| \% of Total |  | 95.0\% |  | 4.9\% |  | 0.1\% |  | 5.0\% |  | 100.0\% |

(1) At March 31, 2023, there were outstanding repurchase agreement balances of $\$ 15.4$ million secured by IO securities and $\$ 0.3$ million secured by IIO securities. We entered into these arrangements to generate additional cash available to meet margin calls on PT RMBS; therefore, we have not considered these balances to be allocated to the structured securities strategy.
(2) At December 31, 2022, there were outstanding repurchase agreement balances of $\$ 15.5$ million secured by IO securities and $\$ 0.4$ million secured by IIO securities. We entered into these arrangements to generate additional cash available to meet margin calls on PT RMBS; therefore, we have not considered these balances to be allocated to the structured securities strategy.

## Portfolio Activity

(\$ in thousands)

|  | Pass-ThroughPortfolio |  | Interest-Only Securities |  | Inverse Interest Only Securities |  | Sub-total |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Market value - December 31, 2022 | \$ | 3,519,906 | \$ | 19,669 | \$ | 427 | \$ | 20,096 | \$ | 3,540,002 |
| Securities purchased |  | 467,460 |  | - |  | - |  | - |  | 467,460 |
| Securities sold |  | - |  | - |  | - |  | - |  |  |
| (Losses) Gains on sales |  | - |  | - |  | - |  | - |  | - |
| Return of investment |  | n/a |  | (679) |  | - |  | (679) |  | (679) |
| Pay-downs |  | $(60,348)$ |  | n/a |  | n/a |  | n/a |  | $(60,347)$ |
| Discount accretion due to pay-downs |  | 4,774 |  | n/a |  | n/a |  | n/a |  | 47,774 |
| Mark to market (losses) gains |  | 48,670 |  | (28) |  | 55 |  | 27 |  | 48,696 |
| Market value - March 31, 2023 | \$ | 3,980,462 | \$ | 18,962 | \$ | 482 | \$ | 19,444 | \$ | 3,999,906 |

# Portfolio Characteristics, Credit Counterparties \& Hedge Positions 

## Orchid Island Capital MBS Portfolio Characteristics as of March 31, 2023

| Type |  | Face |  | FMV | Percent of Portfolio |  | Current Price | CPN | GWAC | AGE | WA Mat | 1 m CPR | 3 m CPR |  | Int Rate Sensitivity (-50 BPS) |  | Int Rate Sensitivity $(+50 \mathrm{BPS})$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fixed Rate MBS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 yr 4.0 | \$ | 391,191 | \$ | 387,352 | 0.01\% | \$ | 99.02 | 4.00\% | 4.54\% | 59 | 120 | 0.8\% | 0.8\% | \$ | 6,376 |  | $(6,465)$ |
| 15 yr Total |  | 391,191 |  | 387,352 | 0.01\% |  | 99.02 | 4.00\% | 4.54\% | 59 | 120 | 0.8\% | 0.8\% |  | 6,376 |  | $(6,465)$ |
| $30 y r 3.0$ |  | 2,516,951,089 |  | 2,273,404,923 | 56.79\% |  | 90.32 | 3.00\% | 3.44\% | 23 | 333 | 4.6\% | 3.6\% |  | 72,497,910 |  | $(74,352,488)$ |
| 30 yr 3.5 |  | 209,465,232 |  | 198,345,962 | 4.97\% |  | 94.69 | 3.50\% | 4.03\% | 37 | 313 | 7.6\% | 6.8\% |  | 5,442,865 |  | $(5,534,492)$ |
| 30 yr 4.0 |  | 592,538,186 |  | 568,369,333 | 14.21\% |  | 95.92 | 4.00\% | 4.78\% | 14 | 344 | 4.6\% | 2.9\% |  | 13,687,010 |  | $(14,931,487)$ |
| 30 yr 4.5 |  | 362,870,337 |  | 356,437,496 | 8.91\% |  | 98.23 | 4.50\% | 5.45\% | 9 | 350 | 3.2\% | 4.0\% |  | 6,230,810 |  | $(7,357,023)$ |
| 30 yr 5.0 |  | 582,948,063 |  | 583,516,777 | 14.64\% |  | 100.10 | 5.00\% | 5.93\% | 7 | 353 | 7.6\% | 5.5\% |  | 9,076,706 |  | $(10,955,779)$ |
| 30 yr Total |  | 4,264,772,908 |  | 3,980,074,490 | 99.50\% |  | 93.32 | 3.56\% | 4.16\% | 19 | 338 | 5.01\% | 3.94\% |  | 106,935,301 |  | $(113,131,271)$ |
| Total Pass-Through MBS |  | 4,265,164,099 |  | 3,980,461,842 | 99.51\% |  | 93.32 | 3.56\% | 4.16\% | 19 | 338 | 5.01\% | 3.94\% |  | 106,941,677 |  | $(113,137,736)$ |
| Structured MBS | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  |
| $1020 y r 4.0$ |  | 10,226,258 |  | 1,070,724 | 0.03\% |  | 10.47 | 4.00\% | 4.57\% | 135 | 98 | 12.3\% | 10.6\% |  | 4,585 |  | $(5,545)$ |
| $1030 y r 3.0$ |  | 3,106,903 |  | 426,343 | 0.01\% |  | 13.72 | 3.00\% | 3.64\% | 98 | 252 | 0.7\% | 0.6\% |  | (482) |  | $(1,991)$ |
| $1030 y r 4.0$ |  | 89,062,937 |  | 16,328,672 | 0.42\% |  | 18.33 | 4.00\% | 4.60\% | 103 | 248 | 5.1\% | 4.8\% |  | $(486,935)$ |  | 351,463 |
| $1030 y r 4.5$ |  | 3,814,091 |  | 714,946 | 0.02\% |  | 18.74 | 4.50\% | 4.99\% | 153 | 193 | 8.0\% | 7.1\% |  | $(10,438)$ |  | 5,998 |
| $1030 y r 5.0$ |  | 2,133,677 |  | 421,693 | 0.01\% |  | 19.76 | 5.00\% | 5.36\% | 153 | 195 | 16.2\% | 11.0\% |  | $(10,939)$ |  | 7,725 |
| 10 Total |  | 108,343,865 |  | 18,962,378 | 0.47\% |  | 17.50 | 4.01\% | 4.60\% | 109 | 231 | 6.0\% | 5.5\% |  | $(504,208)$ |  | 357,651 |
| 11030 yr 4.0 |  | 30,333,205 |  | 482,245 | 0.01\% |  | 1.59 | 0.00\% | 4.40\% | 67 | 283 | 6.5\% | 6.4\% |  | 117,610 |  | $(100,664)$ |
| Total Structured MBS |  | 138,677,071 |  | 19,444,623 | 0.486\% |  | 14.02 | 3.13\% | 4.55\% | 100 | 242 | 6.1\% | 5.7\% |  | $(386,598)$ |  | 256,987 |
| Mortgage Assets |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Mortgage Assets | \$ | 4,403,841,169 | \$ | 3,999,906,466 | 100\% |  |  | 3.55\% | 4.18\% | 22 | 335 | 5.04\% | 4.00\% | \$ | 106,555,079 | \$ | $(112,880,749)$ |
| Hedge |  | Average Notiona Balance |  | Hedge Period <br> Average End |  |  |  |  |  |  |  |  |  |  | Int Rate Sensitivity (-50 BPS) |  | Int Rate Sensitivity ${ }^{(1)}$ $\text { ( }+50 \mathrm{BPS} \text { ) }$ |
| 5-Year Treasury Future ${ }^{(2)}$ |  | $(926,500,000)$ |  | Jun-2023 |  |  |  |  |  |  |  |  |  |  | $(22,924,528)$ |  | 20,536,133 |
| 10-Year Ultra Treasury Future ${ }^{(2)}$ |  | $(54,200,000)$ |  | Jun-2023 |  |  |  |  |  |  |  |  |  |  | $(3,256,004)$ |  | 2,931,730 |
| Swaps |  | $(1,674,000,000)$ |  | Apr-2029 |  |  |  |  |  |  |  |  |  |  | $(42,015,917)$ |  | 40,449,300 |
| TBA |  | (875,000,000) |  | Apr-2023 |  |  |  |  |  |  |  |  |  |  | $(23,955,857)$ |  | 25,351,151 |
| Swaptions |  | $(533,000,000)$ |  | May-2024 |  |  |  |  |  |  |  |  |  |  | $(3,073,468)$ |  | 4,945,431 |
| Hedge Total | \$ | $(4,062,700,000)$ |  |  |  |  |  |  |  |  |  |  |  |  | $(95,225,774)$ |  | 94,213,745 |
| Rate Shock Grand Total |  |  |  |  |  |  |  |  |  |  |  |  |  | \$ | 11,329,305 | \$ | $(18,667,004)$ |

Note: Above table excludes 2yr Treasury Bill valued at $\$ 36.8$ million which was purchased to post as collateral for hedge positions.
(1) Modeled results from Citigroup Global Markets Inc. Yield Book. Interest rate shocks assume instantaneous parallel shifts and horizon prices are calculated assuming constant LIBOR option-adjusted spreads These results are for illustrative purposes only and actual results may differ materially.
(2) See slide 28 for additional hedge detail

## Performance versus FNMA Fixed Rate Coupon Cohort

Jan CPR


Mar CPR


Feb CPR


Quarterly CPR Percentage Vs. Cohort


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## Prepayment Sensitivity in PT Portfolio



## Orchid Credit Counterparties and Cost of Funds

| Orchid Island Capital Credit Counterparties |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (\$ in thousands) |  |  |  |  |  |
| As of March 31, 2023 |  |  |  |  |  |
| Counterparty |  | Total Outstanding Balances | \% of Total | Weighted Average Maturity in Days | Longest Maturity |
| J.P. Morgan Securities LLC |  | 350,932 | 9.3\% | 13 | 4/24/2023 |
| Merrill Lynch, Pierce, Fenner \& Smith |  | 337,222 | 8.9\% | 19 | 4/28/2023 |
| RBC Capital Markets, LLC |  | 315,289 | 8.4\% | 25 | 5/11/2023 |
| Mirae Asset Securities (USA) Inc. |  | 303,698 | 8.1\% | 86 | 9/1/2023 |
| Daiwa Securities America Inc. |  | 255,292 | 6.8\% | 17 | 4/17/2023 |
| Marex Capital Markets Inc. |  | 234,160 | 6.2\% | 18 | 4/28/2023 |
| ING Financial Markets LLC |  | 232,368 | 6.2\% | 34 | 5/4/2023 |
| ABN AMRO Bank N.V. |  | 220,568 | 5.9\% | 74 | 6/13/2023 |
| Cantor Fitzgerald \& Co |  | 219,290 | 5.8\% | 9 | 5/11/2023 |
| ASL Capital Markets Inc. |  | 213,221 | 5.7\% | 18 | 4/20/2023 |
| Citigroup Global Markets Inc |  | 190,315 | 5.0\% | 27 | 4/28/2023 |
| StoneX Financial Inc. |  | 182,084 | 4.8\% | 25 | 5/10/2023 |
| Mitsubishi UFJ Securities (USA), Inc |  | 173,462 | 4.6\% | 22 | 5/1/2023 |
| Wells Fargo Bank, N.A. |  | 162,880 | 4.3\% | 45 | 6/9/2023 |
| Goldman, Sachs \& Co |  | 124,384 | 3.3\% | 16 | 4/24/2023 |
| Santander Bank, N.A. |  | 118,614 | 3.1\% | 23 | 4/27/2023 |
| Bank of Montreal |  | 77,400 | 2.1\% | 20 | 4/20/2023 |
| South Street Securities, LLC |  | 37,144 | 1.0\% | 17 | 4/17/2023 |
| Lucid Cash Fund USG LLC |  | 18,430 | 0.5\% | 13 | 4/13/2023 |
| Lucid Prime Fund, LLC |  | 2,684 | 0.1\% | 13 | 4/13/2023 |
|  |  |  |  |  |  |
| Total / Weighted Average | \$ | 3,769,437 | 100.0\% | 30 | 9/1/2023 |

Avg SOFR vs Cost of Funds


## Orchid Island Capital Hedge Positions

| Treasury Futures <br> (\$ in thousands) <br> Contract Notional <br> Amount | Weighted Average <br> Entry Rate | Weighted Average <br> Effective Rate | Open Equity |
| :--- | :---: | :---: | :---: | :---: | :---: |

1. Open equity represents the cumulative gains (losses) recorded on open futures positions from inception.
2. 5-Year T-Note and 10-Year Ultra futures contracts were valued at a price of $\$ 109.5$ at Mar 31, 2023 and \$121.1 at Mar 31, 2023.
3. Notional and cost amounts on swaption payer spread positions are netted.

| Swap Agreements |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (\$ in thousands) |  |  |  |  |  |  |  |
|  | Notional Amount |  | Average Fixed Pay Rate | Average Receive Rate | Net Estimated Fair Value |  | Weighted Avg Maturity (Years) |
| As of March 31, 2023 |  |  |  |  |  |  |  |
| Maturity > 3 to $\leq 5$ years | \$ | 500,000 | 0.84\% | 5.02\% | \$ | 49,909 | 3.5 |
| Maturity > 5 years |  | 1,174,000 | 2.10\% | 4.88\% |  | 79,806 | 7.2 |
|  | \$ | 1,674,000 | 1.72\% | 4.92\% | \$ | 129,715 | 6.1 |
| As of December 31, 2022 |  |  |  |  |  |  |  |
| Maturity > 3 to $\leq 5$ years | \$ | 500,000 | 0.84\% | 4.75\% | \$ | 56,764 | 3.7 |
| Maturity > 5 years |  | 900,000 | 1.70\% | 4.23\% |  | 105,638 | 6.6 |
|  | \$ | 1,400,000 | 1.39\% | 4.41\% | $\$$ | 162,402 | 5.6 |
| Swaptions \& Rate Derivatives | Option |  |  | Underlying Swap |  |  |  |
| (\$ in thousands) | $\operatorname{Cost}^{(3)}$ | Fair Value | WAVG <br> Months to Expiration | Notional Amount ${ }^{(3)}$ | Fixed Pay Rate | Receive Rate (SOFR) | Weighted Avg Maturity (Years) |
| As of March 31, 2023 |  |  |  |  |  |  |  |
| $6 \mathrm{m6m10y} \mathrm{Fwd} \mathrm{Vol} \mathrm{Payer} \mathrm{Spread}$ | 32,866 | 4,911 | 5 | 333,000 | 4.08\% | Overnight | 10.00 |
| Long Leg 2y2y Payer Swaption | 10,115 | 8,301 | 22 | 1,000,000 | 3.49\% | Overnight | 2.00 |
| Short Leg 2y2y Payer Swaption | $(8,433)$ | $(6,891)$ | 22 | (1,000,000) | 3.74\% | Overnight | 2.00 |
| 2s10s Cap | 1,450 | 474 | 10 | 200,000 | n/a | n/a | n/a |
| Total / WAVG | \$ 35,999 \$ | 6,794 | 7 | 533,000 | 3.33\% |  | 6.16 |
| As of December 31, 2022 |  |  |  |  |  |  |  |
| Payer Spread $\leq 1$ year | 18,885 | 15,270 | 7 | 333,000 | 4.08\% | Overnight | 10.00 |
| 20y10y Payer Swaption | 11,021 | 12,145 | 240 | 120,000 | 2.05\% | Overnight | 10.00 |
| 2s10s Cap | 1,450 | 1,119 | 13 | 200,000 | n/a | n/a | n/a |
| Total / WAVG | \$ 31,356 \$ | 28,534 | 52 | 653,000 | 3.55\% |  | 10.00 |

# Appendix 

## Orchid Island Capital Earnings Per Share Support Data

| Quarter |  | Net Income (GAAP) |  | Realized and Unrealized and Losses |  | Net Earnings Less Realized and Unrealized Gains and Losses | Weighted Average Sh Outstanding |  | Net Income Per St |  | Realized and Unrealized Gains an Losses Per Share |  | Net Earnings Less Realized and Unrealized Gains and Losses Per Share(1) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2013-Q1 | \$ | 400,000 | S | $(413,000)$ |  | 813,000 | 400,866 | \$ | 1.00 | , | (1.03) | \$ | 2.03 |
| 2013-Q2 | \$ | $(1,546,000)$ | \$ | $(3,201,000)$ | \$ | 1,655,000 | 668,333 | \$ | (2.31) | \$ | (4.79) | \$ | 2.48 |
| 2013-Q3 | \$ | $(997,000)$ | \$ | $(2,853,000)$ | \$ | 1,856,000 | 668,333 | \$ | (1.49) | \$ | (4.27) | \$ | 2.78 |
| 2013-Q4 | \$ | 1,445,000 | \$ | $(635,000)$ | \$ | 2,080,000 | 668,333 | \$ | 2.16 | \$ | (0.95) | \$ | 3.11 |
| 2014-Q1 | \$ | 3,595,000 | \$ | 758,000 | \$ | 2,837,000 | 1,018,711 | \$ | 3.53 | \$ | 0.74 | \$ | 2.78 |
| 2014-Q2 | \$ | 10,635,000 | \$ | 5,836,000 | \$ | 4,799,000 | 1,815,621 | \$ | 5.86 | \$ | 3.21 | \$ | 2.64 |
| 2014-Q3 | \$ | 6,768,000 | \$ | $(306,000)$ | \$ | 7,074,000 | 2,142,031 | \$ | 3.16 | \$ | (0.14) | \$ | 3.30 |
| 2014-Q4 | \$ | 3,521,000 | \$ | $(6,055,000)$ | \$ | 9,576,000 | 2,913,000 | \$ | 1.21 | \$ | (2.08) | \$ | 3.29 |
| 2015-Q1 | \$ | 5,509,000 | \$ | $(6,063,000)$ | \$ | 11,572,000 | 3,369,390 | \$ | 1.64 | \$ | (1.80) | \$ | 3.43 |
| 2015-Q2 | \$ | $(2,832,000)$ | \$ | $(16,017,000)$ | \$ | 13,185,000 | 3,950,374 | \$ | (0.72) | \$ | (4.05) | \$ | 3.34 |
| 2015-Q3 | \$ | $(9,417,000)$ | \$ | $(23,682,000)$ | \$ | 14,265,000 | 4,509,004 | \$ | (2.09) | \$ | (5.25) | \$ | 3.16 |
| 2015-Q4 | \$ | 7,810,000 | \$ | $(6,813,000)$ | \$ | 14,623,000 | 4,354,200 | \$ | 1.79 | \$ | (1.56) | \$ | 3.36 |
| 2016-Q1 | \$ | $(4,591,000)$ | \$ | $(19,561,000)$ | \$ | 14,970,000 | 4,351,213 | \$ | (1.06) | \$ | (4.50) | \$ | 3.44 |
| 2016-Q2 | \$ | 6,463,000 | \$ | (7,319,000) | \$ | 13,782,000 | 4,384,115 | \$ | 1.47 | \$ | (1.67) | \$ | 3.14 |
| 2016-Q3 | \$ | 20,526,000 | \$ | 4,418,000 | \$ | 16,108,000 | 4,826,669 | \$ | 4.25 | \$ | 0.92 | \$ | 3.34 |
| 2016-Q4 | \$ | $(20,419,000)$ | \$ | $(38,005,000)$ | \$ | 17,586,000 | 5,698,800 | \$ | (3.58) | \$ | (6.67) | \$ | 3.09 |
| 2017-Q1 | \$ | 2,449,000 | \$ | $(20,727,000)$ | \$ | 23,176,000 | 6,613,813 | \$ | 0.37 | \$ | (3.13) | \$ | 3.50 |
| 2017-Q2 | \$ | $(9,643,000)$ | \$ | $(32,597,000)$ | \$ | 22,954,000 | 7,442,272 | \$ | (1.30) | \$ | (4.38) | \$ | 3.08 |
| 2017-Q3 | \$ | 15,183,000 | \$ | $(8,254,000)$ | \$ | 23,437,000 | 9,071,025 | \$ | 1.67 | \$ | (0.91) | \$ | 2.58 |
| 2017 - Q4 | \$ | $(5,982,000)$ | \$ | $(29,540,000)$ | \$ | 23,558,000 | 9,662,038 | \$ | (0.62) | \$ | (3.06) | \$ | 2.44 |
| 2018-Q1 | \$ | $(16,377,000)$ | \$ | $(38,055,000)$ | \$ | 21,678,000 | 10,613,169 | \$ | (1.54) | \$ | (3.59) | \$ | 2.04 |
| 2018-Q2 | \$ | 1,347,566 | \$ | $(17,733,629)$ | \$ | 19,081,195 | 10,517,494 | \$ | 0.13 | \$ | (1.69) | \$ | 1.81 |
| 2018-Q3 | \$ | $(2,958,104)$ | \$ | $(20,149,849)$ | \$ | 17,191,745 | 10,406,939 | \$ | (0.28) | \$ | (1.94) | \$ | 1.65 |
| 2018-Q4 | \$ | (26,399,075) | \$ | $(40,707,938)$ | \$ | 14,308,863 | 10,237,685 | \$ | (2.58) | \$ | (3.98) | \$ | 1.40 |
| 2019-Q1 | \$ | 10,597,122 | \$ | $(747,714)$ | \$ | 11,344,836 | 9,780,917 | \$ | 1.08 | \$ | (0.08) | \$ | 1.16 |
| 2019-Q2 | \$ | 3,532,489 | \$ | $(7,671,614)$ | \$ | 11,204,102 | 10,520,152 | \$ | 0.34 | \$ | (0.73) | \$ | 1.07 |
| 2019-Q3 | \$ | $(8,550,438)$ | \$ | $(19,429,407)$ | \$ | 10,878,969 | 12,083,797 | \$ | (0.71) | \$ | (1.61) | \$ | 0.90 |
| 2019-Q4 | \$ | 18,614,772 | \$ | 3,839,829 | \$ | 14,774,942 | 12,624,852 | \$ | 1.47 | \$ | 0.30 | \$ | 1.17 |
| 2020-Q1 | \$ | $(91,199,041)$ | \$ | $(108,206,116)$ | \$ | 17,007,075 | 12,918,041 | \$ | (7.06) | \$ | (8.38) | \$ | 1.32 |
| 2020-Q2 | \$ | 48,772,010 | \$ | 28,749,202 | \$ | 20,022,808 | 13,262,044 | \$ | 3.68 | \$ | 2.17 | \$ | 1.51 |
| 2020-Q3 | \$ | 28,076,038 | \$ | 5,745,276 | \$ | 22,330,762 | 13,460,380 | \$ | 2.09 | \$ | 0.43 | \$ | 1.66 |
| 2020-Q4 | \$ | 16,478,329 | \$ | $(4,605,600)$ | \$ | 21,083,929 | 14,106,564 | \$ | 1.17 | \$ | (0.33) | \$ | 1.49 |
| 2021-Q1 | \$ | $(29,368,345)$ | \$ | $(50,791,430)$ | \$ | 21,423,086 | 17,068,991 | \$ | (1.72) | \$ | (2.98) | \$ | 1.26 |
| 2021-Q2 | \$ | $(16,865,715)$ | \$ | $(40,842,965)$ | \$ | 23,977,250 | 19,897,813 | \$ | (0.85) | \$ | (2.05) | \$ | 1.21 |
| 2021-Q3 | \$ | 26,038,208 | \$ | $(2,886,338)$ | \$ | 28,924,546 | 25,717,469 | \$ | 1.01 | \$ | (0.11) | \$ | 1.12 |
| 2021-Q4 | \$ | $(44,563,000)$ | \$ | $(82,598,000)$ | \$ | 38,035,000 | 33,628,703 | \$ | (1.33) | \$ | (2.46) | \$ | 1.13 |
| 2022-Q1 | \$ | $(148,727,000)$ | \$ | $(183,232,000)$ | \$ | 34,505,000 | 35,399,513 | \$ | (4.20) | \$ | (5.18) | \$ | 0.97 |
| 2022-Q2 | \$ | $(60,139,000)$ | \$ | $(82,284,000)$ | \$ | 22,145,000 | 35,406,832 | \$ | (1.70) | \$ | (2.32) | \$ | 0.63 |
| 2022-Q3 | \$ | $(84,513,620)$ | \$ | $(93,544,207)$ | \$ | 9,030,586 | 35,205,888 | \$ | (2.40) | \$ | (2.66) | \$ | 0.26 |
| 2022-Q4 | \$ | 34,925,950 | \$ | 38,388,869 | \$ | $(3,462,919)$ | 36,786,056 | \$ | 0.95 | \$ | 1.04 | \$ | (0.09) |
| 2023-Q1 | \$ | 3,538,208 | \$ | 12,738,930 | \$ | $(9,200,722)$ | 38,491,767 | \$ | 0.09 | \$ | 0.33 | \$ | (0.24) |
| Company Financials | 1. May not foot due to rounding. |  |  |  |  | 30 |  |  |  |  |  |  |  |

## ORC Historical Portfolio Breakdown



## Securitized Products Returns March 2023

Last 12 months from March 2022 - sorted by 2023 total return

|  | Last 12 Mo . (As of 3/31/23) |  |  | 2022 | 3/31/2023 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Sector | Total Retu | Excess Return n (vs. Swaps/Libor) | Total Return | Excess Return (vs. <br> Swaps/Libor) | Current Spread / Price |
| CRT B1 | 7.9\% | 3.8\% | 0.0\% | -2.6\% | 572 |
| CRT M2/Old M3 | 5.4\% | 1.6\% | 1.6\% | -0.6\% | 358 |
| CRT M1 | 4.7\% | 0.4\% | 2.4\% | -0.4\% | 242 |
| Floating ABS | 2.5\% | -1.3\% | 0.1\% | -2.7\% | 149 |
| Leveraged Loans | 2.5\% | -1.2\% | -0.6\% | -3.2\% | NA |
| CLO 2.0/3.0 AAA | 2.5\% | -1.3\% | 0.5\% | -2.3\% | 175 |
| CLO 2.0/3.0 AA | 2.3\% | -1.4\% | -0.7\% | -3.4\% | 235 |
| CLO 2.0/3.0 Total | 2.0\% | -1.6\% | -0.4\% | -3.1\% | 246 |
| CLO 2.0/3.0 A | 0.9\% | -2.7\% | -2.6\% | -5.2\% | 325 |
| Fixed ABS | 0.2\% | 0.2\% | -4.4\% | -0.6\% | 155 |
| SP AAA indicator | 0.1\% | -0.9\% | -3.9\% | -1.5\% | NA |
| CLO 2.0/3.0 BBB | -0.6\% | -4.2\% | -3.6\% | -6.2\% | 500 |
| SP return indicator | -0.6\% | -1.8\% | -4.6\% | -2.8\% | NA |
| CLO 2.0/3.0 BB | -0.6\% | -4.2\% | -4.8\% | -7.4\% | 925 |
| SP down in credit indicator | -2.1\% | -2.7\% | -6.4\% | -4.1\% | NA |
| Agency CMBS | -3.0\% | -0.4\% | -10.1\% | -0.8\% | 86 |
| HY Corporate | -3.6\% | -1.5\% | -11.2\% | -3.5\% | 478 |
| CMBS | -4.1\% | -2.1\% | -10.2\% | -2.1\% | 251 |
| Legacy RMBS | -4.7\% | -7.1\% | -7.0\% | -7.4\% | 0 |
| US Treasury | -4.9\% | -0.5\% | -12.9\% | -1.1\% | 26 |
| Agency MBS | -4.9\% | -2.0\% | -11.9\% | -3.1\% | 98 |
| IG Corporate | -5.2\% | 0.0\% | -15.4\% | -2.7\% | 175 |
| S\&P 500 | -9.3\% | N/A | -19.4\% | N/A | 3840 |
| CMBS BBB | -11.0\% | -9.3\% | -14.2\% | -6.9\% | 947 |
| NDX 100 | -11.2\% | N/A | -33.0\% | N/A | 10940 |

Last 12 months from March 2022 - sorted by 2023 excess return

|  | Last 12 Mo . (As of 3/31/23) |  |  | 2022 | 3/31/2023 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Sector | Total <br> Return | Excess Return (vs. Swaps/Libor) | Total Return | Excess Return (vs. <br> Swaps/Libor) | Current Spread / Price |
| S\&P 500 | -9.3\% | N/A | -19.4\% | N/A | 3840 |
| NDX 100 | -11.2\% | N/A | -33.0\% | N/A | 10940 |
| CRT B1 | 7.9\% | 3.8\% | 0.0\% | -2.6\% | 572 |
| CRT M2/Old M3 | 5.4\% | 1.6\% | 1.6\% | -0.6\% | 358 |
| CRT M1 | 4.7\% | 0.4\% | 2.4\% | -0.4\% | 242 |
| Fixed ABS | 0.2\% | 0.2\% | -4.4\% | -0.6\% | 155 |
| IG Corporate | -5.2\% | 0.0\% | -15.4\% | -2.7\% | 175 |
| Agency CMBS | -3.0\% | -0.4\% | -10.1\% | -0.8\% | 86 |
| US Treasury | -4.9\% | -0.5\% | -12.9\% | -1.1\% | 26 |
| SP AAA indicator | 0.1\% | -0.9\% | -3.9\% | -1.5\% | NA |
| Leveraged Loans | 2.5\% | -1.2\% | -0.6\% | -3.2\% | NA |
| CLO 2.0/3.0 AAA | 2.5\% | -1.3\% | 0.5\% | -2.3\% | 175 |
| Floating ABS | 2.5\% | -1.3\% | 0.1\% | -2.7\% | 149 |
| CLO 2.0/3.0 AA | 2.3\% | -1.4\% | -0.7\% | -3.4\% | 235 |
| HY Corporate | -3.6\% | -1.5\% | -11.2\% | -3.5\% | 478 |
| CLO 2.0/3.0 Total | 2.0\% | -1.6\% | -0.4\% | -3.1\% | 246 |
| SP return indicator | -0.6\% | -1.8\% | -4.6\% | -2.8\% | NA |
| Agency MBS | -4.9\% | -2.0\% | -11.9\% | -3.1\% | 98 |
| CMBS | -4.1\% | -2.1\% | -10.2\% | -2.1\% | 251 |
| CLO 2.0/3.0 A | 0.9\% | -2.7\% | -2.6\% | -5.2\% | 325 |
| SP down in credit indicator | -2.1\% | -2.7\% | -6.4\% | -4.1\% | NA |
| CLO 2.0/3.0 BB | -0.6\% | -4.2\% | -4.8\% | -7.4\% | 925 |
| CLO 2.0/3.0 BBB | -0.6\% | -4.2\% | -3.6\% | -6.2\% | 500 |
| Legacy RMBS | -4.7\% | -7.1\% | -7.0\% | -7.4\% | 0 |
| CMBS BBB | -11.0\% | -9.3\% | -14.2\% | -6.9\% | 947 |

## Securitized Products Returns March 2023

Securitized products total and excess returns versus swaps/Libor

|  | Mod | Total Returns |  |  |  | Excess Returns vs. Swaps/Libor |  |  |  |  | Mod | Total Returns |  |  |  | Excess Returns vs. Swaps/Libor |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 03/23. | QTD. | YTD. | 2022 | 3/23 | QTD | YTD. | 2022 |  |  | 3/23. | QTD. | YTD. | 2022 | 3/23. | QTD. | YTD. | 2022 |
| Agency MBS | 6.0 | 20\% | 25\% | 25\% | -11.9\% | -1.2\% | -0.2\% | -0.2\% | -3.1\% | SP retum Indicator |  | 0.2\% | 1.9\% | 1.9\% | -4.6\% | -1.1\% | 0.3\% | 0.3\% | 0.3\% |
| UMBSCC | 6.0 | 1.5\% | 20\% | 20\% | -11.8\% | -1.1\% | -03\% | -0.3\% | -4.0\% | SP AAA Indicator |  | 0.5\% | 1.7\% | 1.7\% | -3.9\% | -0.9\% | 0.1\% | 0.1\% | 0.1\% |
| GNMA 30Y CC | 4.1 | 1.1\% | 1.6\% | 1.6\% | -11.7\% | -1.0\% | .03\% | -0.3\% | -4.2\% | SP down in credit Indicator |  | -1.0\% | 24\% | 24\% | -64\% | -1.9\% | 1.0\% | 1.0\% | 1.0\% |
| All fnMa | 6.2 | 1.9\% | 24\% | 24\% | -121\% | -1.2\% | -02\% | -0.2\% | -3.2\% | cas |  |  |  |  |  |  |  |  |  |
| All FHLMC |  | 0.0\% | 0.0\% | 0.0\% | -120\% | $0.0 \%$ | 0.0\% | $0.0 \%$ | -3.7\% | 1M1 |  | 0.06 | 1.5\% | 1.5\% | 1.3\% | -0.7\% | 0.5\% | 0.5\% | 0.9\% |
| All gnva | 5.7 | 20\% | 26\% | 26\% | -10.7\% | -1.1\% | -0.2\% | -0.2\% | -23\% | 1M2 |  | -0.3\% | 1.9\% | 1.9\% | 29\% | -0.9\% | 0.8\% | 0.8\% | 23\% |
| UMBS 30yr | 6.6 | 1.9\% | 25\% | 25\% | -126\% | -1.3\% | -0.3\% | -0.3\% | -3.3\% | 181 |  | -0.2\% | 3.9\% | 3.9\% | 0.7\% | -0.8\% | 27\% | 27\% | 3.2\% |
| 20 |  | 1.7\% | 22\% | 22\% | -0.8\% | -1.7\% | -07\% | -07\% | 0.2\% | $2 \mathrm{M1}$ |  | 0.5\% | 22\% | 22\% | 0.4\% | -0.1\% | 1.1\% | 1.1\% | 0.0\% |
| 25 |  | 20\% | 24\% | 24\% | -0.6\% | -1.4\% | -0.4\% | -0.4\% | 0.3\% | 2M2 |  | $0.0 \%$ | 3.0\% | 3.0\% | 26\% | -0.6\% | 20\% | 20\% | 29\% |
| 3.0 |  | 23\% | 3.0\% | 3.0\% | -0.4\% | -1.0\% | 0.2\% | 0.2\% | 0.5\% | 281 |  | -0.2\% | 40\% | 4.0\% | -3.9\% | -0.8\% | 29\% | 29\% | 24\% |
| 3.5 |  | 22\% | 28\% | 28\% | -0.2\% | -1.0\% | 0.1\% | 0.1\% | 0.6\% | Stacr |  |  |  |  |  |  |  |  |  |
| 4.0 |  | 21\% | 29\% | 29\% | -0.6\% | -1.0\% | 0.3\% | 0.3\% | 0.1\% | Low LTvM1 |  | -0.4\% | 1.6\% | 1.6\% | 24\% | -1.0\% | 0.4\% | 0.4\% | -0.4\% |
| 4.5 |  | 1.9\% | 27\% | 27\% | -0.6\% | -1.0\% | 0.2\% | 0.2\% | 0.0\% | Low Ltv New Mz/oldM3 |  | -0.5\% | 3.0\% | 3.0\% | 1.6\% | $-1.1 \%$ | 1.9\% | 1.9\% | -0.6\% |
| 5.0 |  | 1.8\% | 22\% | 22\% | -0.4\% | -0.8\% | -0.2\% | -0.2\% | 0.0\% | Low LTVB1 |  | -0.4\% | 40\% | 4.0\% | 0.0\% | -1.0\% | 3.0\% | 3.0\% | -2.6\% |
| 5.5 |  | 1.5\% | 1.8\% | 1.8\% | -0.5\% | -0.9\% | -0.4\% | -0.4\% | -0.2\% | High LTVM1 |  | -0.1\% | 32\% | 3.2\% | -1.1\% | -0.7\% | 21\% | 21\% | -3.2\% |
| UMBS $15 y \mathrm{r}$ | 4.1 | 1.9\% | 20\% | 20\% | -9.0\% | -0.8\% | -0.3\% | -0.3\% | $-23 \%$ | High LTVNew M2/OdM3 |  | -0.4\% | 40\% | 4.0\% | 0.4\% | -1.0\% | 29\% | 29\% | -1.6\% |
| 20 |  | 1.8\% | 20\% | 20\% | -0.7\% | -1.0\% | -03\% | -0.3\% | -0.2\% | High LTVB1 |  | $0.0 \%$ | 42\% | 4.2\% | -5.6\% | -0.6\% | 3.1\% | 3.1\% | -7.8\% |
| 25 |  | 20\% | 20\% | 20\% | -0.4\% | -0.5\% | -0.1\% | -0.1\% | -0.1\% | SFR Fixed |  |  |  |  |  |  |  |  |  |
| 3.0 |  | 1.8\% | 1.6\% | 1.6\% | 0.0\% | -0.5\% | -0.4\% | -0.4\% | 0.3\% | A |  | 0.3\% | 32\% | 3.2\% | -23\% | -24\% | 0.9\% | 0.9\% | -5.1\% |
| 3.5 |  | 1.7\% | 1.7\% | 1.7\% | 0.0\% | -0.6\% | -0.4\% | -0.4\% | 0.3\% | B |  | -0.2\% | 1.0\% | 1.0\% | -29\% | -29\% | -1.3\% | -1.3\% | -6.6\% |
| 4.0 |  | 1.4\% | 21\% | 21\% | -0.3\% | -0.8\% | $0.0 \%$ | 0.0\% | 0.0\% | c |  | 0.1\% | 0.5\% | 0.5\% | -4.0\% | -26\% | -1.8\% | -1.8\% | -28\% |
| Ginnle 30yr | 5.7 | 20\% | 26\% | 26\% | -10.8\% | -1.1\% | -0.2\% | -0.2\% | -23\% | D |  | 0.3\% | 07\% | 0.7\% | -4.9\% | -24\% | -1.5\% | -1.5\% | -7.0\% |
| 25 |  | 20\% | 24\% | 24\% | .123\% | -1.3\% | -0.4\% | -0.4\% | -3.2\% | E |  | 0.7\% | 26\% | 26\% | -3.7\% | -20\% | 0.4\% | 0.4\% | -7.2\% |
| 3.0 |  | 23\% | 3.1\% | 3.1\% | -10.4\% | -0.9\% | 0.3\% | 0.3\% | -26\% | CMBS | 4.0 | 0.7\% | 1.5\% | 1.5\% | -102\% | -20\% | -0.7\% | -0.7\% | -2.1\% |
| 3.5 |  | 23\% | 28\% | 28\% | -86\% | -0.8\% | 0.1\% | 0.1\% | -0.9\% | aAA | 4.0 | 1.1\% | 1.6\% | 1.6\% | -9.6\% | -1.7\% | -0.6\% | -0.6\% | -1.3\% |
| 4.0 |  | 22\% | 28\% | 28\% | -7.4\% | -07\% | 0.1\% | 0.1\% | -0.3\% | $A A-B B B$ | 3.6 | -0.8\% | 1.1\% | 1.1\% | -126\% | -3.3\% | -1.1\% | -1.1\% | -5.3\% |
| 4.5 |  | 1.9\% | 25\% | 25\% | -5.7\% | -07\% | 0.0\% | $0.0 \%$ | 0.7\% | BBB | 3.5 | -21\% | -1.6\% | -1.6\% | -14.2\% | -4.6\% | -37\% | -37\% | -6.9\% |
| 5.0 |  | 1.7\% | 23\% | 23\% | -5.1\% | -07\% | 0.0\% | $0.0 \%$ | 0.5\% | Ageny | 4.6 | 21\% | 23\% | 23\% | -10.1\% | -1.0\% | -0.1\% | -0.1\% | -0.8\% |
| US Treasurles | 65 | 3.0\% | 3.1\% | 3.1\% | -129\% | -0.3\% | 0.4\% | 0.4\% | -1.1\% | SASB fxed |  | -1.3\% | -33\% | -3.3\% | -10.5\% | -0.7\% | -0.6\% | -0.6\% | -28\% |
| 1 -3yrs | 1.8 | 1.6\% | 1.6\% | 1.6\% | -37\% | -0.2\% | -0.1\% | -0.1\% | 0.2\% | SASS floating |  | 0.7\% | 0.5\% | 0.5\% | 1.6\% | 0.3\% | -0.7\% | -0.7\% | -4.4\% |
| 3.5yrs | 3.8 | 26\% | 22\% | 22\% | -7.9\% | -0.3\% | 0.1\% | 0.1\% | 0.2\% | ABS - Fixed | 23 | 1.0\% | 21\% | 21\% | -4.4\% | -0.8\% | 0.4\% | 0.4\% | -0.6\% |
| 5.7yrs | 5.4 | 3.2\% | 3.0\% | 3.0\% | -11.1\% | -0.3\% | 0.3\% | 0.3\% | -0.5\% | Autos | 1.5 | 0.8\% | 1.5\% | 1.5\% | -20\% | -0.5\% | 0.0\% | 0.0\% | 0.2\% |
| 7-10yrs | 7.6 | 3.7\% | 3.5\% | 3.5\% | -14.7\% | -0.4\% | 0.2\% | 0.2\% | -0.6\% | Cards | 22 | 1.3\% | 1.5\% | 1.5\% | -3.9\% | -0.7\% | -0.2\% | -0.2\% | 0.1\% |
| $20+$ yrs | 17.5 | 48\% | 6.5\% | 6.5\% | -30.7\% | -0.6\% | 1.6\% | 1.6\% | -6.1\% | HEL | 45 | 0.9\% | 22\% | 22\% | -9.3\% | -1.7\% | -0.1\% | -0.1\% | -4.2\% |
| Agency Debt | 3.9 | 22\% | 20\% | 20\% | -69\% | -0.6\% | -0.2\% | -0.2\% | 0.2\% | Other | 3.2 | 1.3\% | 3.1\% | 3.1\% | -7.6\% | -1.0\% | 1.0\% | 1.0\% | -1.6\% |
| Fredde | 43 | 23\% | 22\% | 22\% | -5.9\% | -0.6\% | -0.1\% | -0.1\% | 0.1\% | ABS - Floating | 25 | 0.1\% | 1.7\% | 1.7\% | 0.1\% | -0.3\% | 0.5\% | 0.5\% | -27\% |
| Famle | 3.7 | 21\% | 1.9\% | 1.9\% | -7.6\% | -0.6\% | -0.3\% | -0.3\% | 0.3\% | Cards | 1.1 | 0.4\% | 1.4\% | 1.4\% | 1.1\% | -0.1\% | 0.2\% | 0.2\% | -1.5\% |
| High Yeld | 4.2 | 1.1\% | 3.7\% | 3.7\% | -11.2\% | -1.6\% | 1.4\% | 1.4\% | -3.5\% | HEL | 28 | 0.1\% | 1.4\% | 1.4\% | -1.0\% | -0.4\% | 0.1\% | 0.1\% | -3.9\% |
| High Grade | 7.0 | 26\% | 3.5\% | 3.5\% | -15.4\% | -0.8\% | 0.6\% | 0.6\% | $-27 \%$ | Other | 29 | 0.1\% | 1.8\% | 1.8\% | -0.2\% | -0.4\% | 0.6\% | 0.6\% | -3.0\% |
| Banks | 47 | 1.2\% | 24\% | 24\% | -11.9\% | -1.7\% | 0.1\% | 0.1\% | -24\% | Student Lanns | 3.0 | 0.1\% | 1.8\% | 1.8\% | -0.2\% | -0.4\% | 0.5\% | 0.5\% | $-3.0 \%$ |
| Financals | 5.2 | 1.3\% | 25\% | 25\% | -126\% | -1.7\% | 0.1\% | 0.1\% | -25\% | a0 2.0/3.0 Total |  | -0.2\% | 21\% | 21\% | -0.4\% | -0.6\% | 1.0\% | 1.0\% | -3.1\% |
| Non-Agency: Legacy |  |  |  |  |  |  |  |  |  | C. 20130 AAA |  | -0.1\% | 1.8\% | 1.8\% | 0.5\% | -0.5\% | 0.6\% | 0.6\% | -23\% |
| Prime Fxed |  | 0.7\% | 26\% | 26\% | -10.6\% | -21\% | 0.3\% | 0.3\% | -27\% | C.O 203.0AA |  | -0.5\% | 24\% | 24\% | -0.7\% | -0.9\% | 1.3\% | 1.3\% | -3.4\% |
| Alt-A $5 / 1 \mathrm{WAC}$ |  | -1.3\% | -0.2\% | -0.2\% | -63\% | -1.7\% | -1.4\% | -1.4\% | -8.6\% | c.o 20/3.0A |  | -0.3\% | 3.1\% | 3.1\% | -26\% | -0.7\% | 1.9\% | 1.9\% | -5.2\% |
| Opton ArM |  | -1.5\% | 0.2\% | 0.2\% | -7.0\% | -1.9\% | -0.9\% | -0.9\% | -9.5\% | C10 20/3.08Bb |  | -0.8\% | 27\% | 27\% | -3.6\% | -1.2\% | 1.5\% | 1.5\% | -6.2\% |
| Suborime AFM |  | -08\% | 0.8\% | 0.8\% | -55\% | -1.2\% | -0.4\% | -0.4\% | -80\% | C.0 2013.08B |  | -0.6\% | 43\% | 43\% | -4.8\% | -1.0\% | 3.2\% | 3.2\% | -7.4\% |
| Non-Agency: 2.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Non-QM Al |  | 1.2\% | 1.6\% | 1.6\% | -3.9\% | -1.5\% | -07\% | -0.7\% | 3.6\% |  |  |  |  |  |  |  |  |  |  |
| RPL AI |  | 0.2\% | 23\% | 23\% | -5.3\% | -25\% | -0.1\% | -0.1\% | 3.2\% |  |  |  |  |  |  |  |  |  |  |

