# 2.ORCHIDISLAND 

Q2 2021 Earnings Supplemental Materials
June 30, 2021

## 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, financing and hedging strategies, and means to implement those strategies.

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 for the year ended December 31, 2020. 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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## Financial Highlights for the Quarter Ended June 30, 2021

- Net loss per share of $\$ 0.17$
- Net earnings per share of $\$ 0.24$, excluding realized and unrealized gains/(losses) on RMBS and derivative instruments, including net interest expense on interest rate swaps (See page 30 for reconciliation of this non-GAAP measure to earnings per share)
- Loss of \$0.41 per share from net realized and unrealized losses on RMBS and derivative instruments, including net interest expense on interest rate swaps
- Book value per share of \$4.71 at June 30, 2021 versus \$4.94 at March 31, 2021
- In Q2 2021, the Company declared and subsequently paid $\$ 0.195$ per share in dividends. Since its initial public offering, the Company has declared \$12.11 in dividends per share, including the dividend declared in July 2021
- Total economic loss of $\$ 0.035$ per share, or $0.7 \%$, for the quarter


## Peer Stock Price Performance as of June 30, 2021

| Time Period | ORC Total Rate of Return ${ }^{(1)}$ | Peer <br> Average ${ }^{(1)(2)}$ | ORC Spread Over / (Under) Peer Average ${ }^{(3)}$ |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Year To Date | 6.7\% | 12.6\% | (5.9)\% |
| One Year Total Return | 27.3\% | 45.4\% | (18.1)\% |
| Two Year Total Return | 12.1\% | 2.6\% | 9.5\% |
| Three Year Total Return | 9.2\% | (2.2)\% | 11.4\% |
| Four Year Total Return | (2.0)\% | (1.1)\% | (0.9)\% |
| Five Year Total Return | 10.0\% | 23.5\% | (13.5)\% |
| Six Year Total Return | 20.3\% | 35.9\% | (15.6)\% |
| Seven Year Total Return | 20.7\% | 30.0\% | (9.3)\% |
| Inception to Date | 28.1\% | 21.3\% | 6.8\% |
|  |  |  |  |
| 2020 Total Return | 5.3\% | (10.5)\% | 15.8\% |
| 2019 Total Return | 6.9\% | 6.7\% | 0.2\% |
| 2018 Total Return | (20.3)\% | (8.6)\% | (11.7)\% |
| 2017 Total Return | 1.1\% | 18.2\% | (17.1)\% |
| 2016 Total Return | 28.2\% | 24.5\% | 3.7\% |
| 2015 Total Return | (9.8)\% | (11.4)\% | 1.6\% |
| 2014 Total Return | 18.2\% | 23.1\% | (4.9)\% |
| Stub 2013 (Annualized) ${ }^{(4)}$ | 4.1\% | (33.4)\% | 37.5\% |

1. Total Rate of Return for each period is pulled from the Bloomberg COMP page and includes reinvested dividends for each period. Returns are calculated on a monthly basis and compounded for each respective period. The Stub 2013 return calculations are the only annualized returns.
2. The peer average is the unweighted, simple, average of the total rate of return for each of the following companies based on the following inclusion periods. AGNC, NLY, ARR and CMO have been included since Orchid's inception. ANH included from Orchid's inception to Q1 2021. HTS included from Orchid's inception to Q1 2016. MTGE included from Q1 2017 to Q2 2018. CYS included from Orchid's inception to Q2 2018. WMC included from Orchid's inception to Q4 2018. DX added in Q1 2017. AAIC and CHMI added in Q1 2019
3. Represents the Total Return for Orchid minus Peer Average in each respective measurement period.
4. Orchid completed its Initial Public Offering, or IPO, in February 2013. We have elected to start our comparison beginning with Orchid's first full operating quarter. The Orchid IPO price was $\$ 15.00$ per share on 02/13/2013 and Orchid paid its first dividend of $\$ 0.135$ in March 2013.

## Q1 2021 Peer Book Value Performance

| Time Period | ORC Total Rate of Return ${ }^{(1)}$ | Peer Average ${ }^{(1)(2)}$ | ORC Spread Over / (Under) Peer Average ${ }^{(3)}$ |
| :---: | :---: | :---: | :---: |
| One Year Total Return | 22.1\% | 21.1\% | 1.0\% |
| Two Year Total Return | (2.2)\% | (7.4)\% | 5.2\% |
| Three Year Total Return | (5.6)\% | (8.2)\% | 2.6\% |
| Four Year Total Return | (6.7)\% | (2.9)\% | (3.8)\% |
| Five Year Total Return | (3.3)\% | 3.5\% | (6.8)\% |
| Six Year Total Return | (3.8)\% | (1.3)\% | (2.5)\% |
| Seven Year Total Return | 16.7\% | 12.4\% | 4.3\% |
| Inception to Date | 11.9\% | 0.5\% | 11.4\% |
|  |  |  |  |
| 1Q 2021 | (6.0)\% | 1.9\% | (7.9)\% |
| 2020 Total Return | (0.3)\% | (13.2)\% | 12.9\% |
| 2019 Total Return | 5.7\% | 8.6\% | (2.9)\% |
| 2018 Total Return | (9.2)\% | (6.1)\% | (3.1)\% |
| 2017 Total Return | 2.9\% | 13.1\% | (10.2)\% |
| 2016 Total Return | 1.2\% | 0.4\% | 0.8\% |
| 2015 Total Return | 3.8\% | (1.5)\% | 5.3\% |
| 2014 Total Return | 13.6\% | 15.6\% | (2.0)\% |
| Stub 2013 (Annualized) ${ }^{(4)}$ | (2.8)\% | (15.4)\% | 12.6\% |

1. Total rate of return for each period is change in book value per share over the period plus dividends per share declared divided by the book value per share at the beginning of the period. None of the return calculations are annualized except for the Stub 2013 calculation.
2. The peer average is the unweighted, simple, average of the total rate of return for each of the following companies based on the following inclusion periods. AGNC, NLY, ARR and CMO have been included since Orchid's inception. ANH included from Orchid's inception to Q1 2021. HTS included from Orchid's inception to Q1 2016. MTGE included from Q1 2017 to Q2 2018. CYS included from Orchid's inception to Q2 2018. WMC included from Orchid's inception to Q4 2018. DX added in Q1 2017. AAIC and CHMI added in Q1 2019.
3. Represents the total rate of return for Orchid minus peer average in each respective measurement period.
4. Orchid completed its Initial Public Offering, or IPO, in February 2013. We have elected to start our comparison beginning with Orchid's first full operating quarter, which was the second quarter of 2013. The Orchid IPO price was $\$ 15.00$ per share on February 13, 2013, and Orchid paid its first dividend of $\$ 0.135$ per share in March 2013. The book value per share at March 31, 2013 was $\$ 14.98$

## Market Developments




ORCHIDISLAND

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



## 5-Year U.S. Treasury Note vs 30-Year U.S. Treasury Bond Spread



Mortgage Market Update: TBA \& Roll vs Specified Pool


## Swaption Implied Volatility



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




Cross Asset Fixed Income Performance by U.S. Aggregate Bond Index Component Q2 2021


## Refinancing Activity



Refi Index vs. Percent In-The-Money


## Financial Results

Orchid Island Capital Financial Results for the Three Months Ended June 30, 2021

Income Statement

| (\$ in thousands, except per share data) | Net Income Excluding Realized and Unrealized Gains and Losses |  | ized and <br> realized <br> (Losses) |  | Total ${ }^{(1)}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Interest income \$ | \$ 29,254 | \$ |  | \$ | 29,254 |
| Interest expense | $(1,556)$ |  | - |  | $(1,556)$ |
| Net interest income | 27,698 |  | - |  | 27,698 |
| Realized gains/(losses) on mbs |  |  | 1,352 |  | 1,352 |
| Unrealized gains/(losses) on mbs |  |  | $(7,281)$ |  | $(7,281)$ |
| Gains/(losses) on interest rate futures |  |  | $(8,173)$ |  | $(8,173)$ |
| Gains/(losses) on interest rate swaps |  |  | $(17,677)$ |  | $(17,677)$ |
| Gains/(losses) on payer swaptions |  |  | $(9,065)$ |  | $(9,065)$ |
| Gains/(losses) on Treasuries |  |  | - |  |  |
| Net portfolio income (loss) \$ | \$ 27,698 | \$ | $(40,844)$ | \$ | $(13,146)$ |
| Expenses: |  |  |  |  |  |
| Management fees | 1,792 |  | - |  | 1,792 |
| Allocated overhead | 393 |  | - |  | 395 |
| Accrued incentive compensation | 261 |  | - |  | 261 |
| Directors' fees and liability insurance | 323 |  | - |  | 323 |
| Audit, legal and other professional fees | 302 |  | - |  | 302 |
| Direct REIT operating expenses | 294 |  | - |  | 294 |
| Other administrative | 354 |  | - |  | 352 |
| Total expenses | 3,719 |  | - |  | 3,719 |
| Net income (loss) \$ | \$ 23,979 | \$ | $(40,844)$ | \$ | $(16,865)$ |
| Basic and diluted net income (loss) per share | \$ 0.24 | \$ | (0.41) | \$ | (0.17) |
| WAVG shares outstanding - Basic and diluted | 99,489,065 |  | 99,489,065 |  | 99,489,065 |
| Dividends declared per common share |  |  |  | \$ | 0.195 |

## MBS Portfolio Returns by Sector

| (\$ in thousands) | Pass-ThroughPortfolio |  | Structured Security Portfolio |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Interest- <br> Only <br> Securities |  | verse <br> est Only urities |  | ub-total |  |
| Income / (loss) (net of borrowing cost) | \$ | 27,730 | \$ | (162) | \$ | 130 | \$ | (32) \$ | 27,698 |
| Realized and unrealized (losses) / gains |  | 4,325 |  | $(9,402)$ |  | (852) |  | $(10,254)$ | $(5,929)$ |
| Derivative losses |  | $(34,915)$ |  | n/a |  | n/a |  | n/a | $(34,915)$ |
| Total Return | \$ | $(2,860)$ | \$ | $(9,564)$ | \$ | (722) | \$ | $(10,286)$ \$ | $(13,146)$ |
| Beginning Capital Allocation | \$ | 387,383 | \$ | 35,521 | \$ | 5,284 | \$ | 40,805 \$ | 428,188 |
| Return on Invested Capital for the Quarter(1) |  | (0.70)\% |  | (26.90)\% |  | n/a |  | (25.20)\% | (3.10)\% |
| Average Capital Allocation(2) | \$ | 413,468 | \$ | 64,115 | \$ | 4,638 | \$ | 68,753 \$ | 482,221 |
| Return on Average Invested Capital for the Quarter(3) |  | (0.7)\% |  | (14.9)\% |  | (15.6)\% |  | (15.0)\% | (2.7)\% |

(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 Earnings Per Share (EPS) as Reported and with Gains/(Losses) Removed ${ }^{(1)}$

(1) See appendix for supporting data and reconciliations.

## Peer Dividend Performance



Orchid Capital Allocation \& MBS Portfolio Activity for the Three Months Ended June 30, 2021

## Capital Allocation

## (\$ in thousands)

|  | PassThrough Portfolio |  | Structured Security Portfolio |  |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | InterestOnly Securities |  | Inverse Interest Only Securities |  | Sub-total |  |  |  |
| June 30, 2021 |  |  |  |  |  |  |  |  |  |  |
| Market value | \$ | 4,574,539 | \$ | 92,709 | \$ | 3,991 | \$ | 96,700 | \$ | 4,671,239 |
| Cash |  | 379,718 |  | - |  | - |  | - |  | 379,718 |
| Borrowings(1) |  | $(4,514,704)$ |  | - |  | - |  | - |  | $(4,514,704)$ |
| Total | \$ | 439,553 | \$ | 92,709 | \$ | 3,991 | \$ | 96,700 | \$ | 536,253 |
| \% of Total |  | 82.0\% |  | 17.3\% |  | 0.7\% |  | 18.0\% |  | 100.0\% |
| March 31, 2021 |  |  |  |  |  |  |  |  |  |  |
| Market value | \$ | 4,297,731 | \$ | 35,521 | \$ | 5,284 | \$ | 40,805 | \$ | 4,338,536 |
| Cash(2) |  | 271,332 |  | - |  | - |  | - |  | 271,332 |
| Borrowings(3) |  | $(4,181,680)$ |  | - |  | - |  | - |  | $(4,181,680)$ |
| Total | \$ | 387,383 | \$ | 35,521 | \$ | 5,284 | \$ | 40,805 | \$ | 428,188 |
| \% of Total |  | 90.5\% |  | 8.3\% |  | 1.2\% |  | 9.5\% |  | 100.0\% |

1. At June 30, 2021, there were outstanding repurchase agreement balances of $\$ 73.6$ million secured by 10 securities and $\$ 3.2$ 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 March 31, 2021, cash was reduced by unsettled purchases of approximately $\$ 212.2$ million and increased by unsettled sales of approximately $\$ 155.0$ million, which have already been reflected in the market value of the portfolio.
3. At March 31, 2021, there were outstanding repurchase agreement balances of $\$ 22.5$ million secured by IO securities and $\$ 4.0$ 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)

|  | Structured Security Portfolio |  |  |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Pass-Through Portfolio |  | Interest-Only Securities |  | Inverse Interest Only Securities |  | Sub-total |  |  |
| Market value - March 31, 2021 | \$ | 4,297,731 | \$ | 35,521 | \$ | 5,284 | \$ | 40,805 | \$ 4,338,536 |
| Securities purchased |  | 939,022 |  | 71,739 |  | - |  | 71,739 | 1,010,761 |
| Securities sold |  | $(537,538)$ |  | - |  | - |  | - | $(537,538)$ |
| Gains on sales |  | 1,352 |  | - |  | - |  | - | 1,352 |
| Return of investment |  | n/a |  | $(5,149)$ |  | (441) |  | $(5,590)$ | $(5,590)$ |
| Pay-downs |  | $(129,001)$ |  | n/a |  | - |  | n/a | $(129,001)$ |
| Premium lost due to pay-downs |  | $(9,184)$ |  | n/a |  | - |  | n/a | $(9,184)$ |
| Mark to market gains (losses) |  | 12,157 |  | $(9,402)$ |  | (852) |  | $(10,254)$ | 1,903 |
| Market value - June 30, 2021 | \$ | 4,574,539 | \$ | 92,709 | \$ | 3,991 | \$ | 96,700 | \$ 4,671,239 |

# Portfolio Characteristics, Credit Counterparties \& Hedge Positions 

Orchid Island Capital MBS Portfolio Characteristics as of June 30, 2021

| 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 BPS) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fixed Rate MBS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15yr 2.5 | \$ | 231,273,951 | \$ | 244,657,238 | 5.24\% | \$ | 105.79 | 2.50\% | 2.87\% | 6 | 170 | 8.1\% | 5.3\% | \$ | 3,840,478 | \$ | $(4,584,382)$ |
| 15 yr 4.0 |  | 595,086 |  | 649,085 | 0.01\% |  | 109.07 | 4.00\% | 4.50\% | 38 | 118 | 8.8\% | 8.4\% |  | 6,660 |  | $(8,165)$ |
| 15 yr Total |  | 231,869,037 |  | 245,306,323 | 5.25\% |  | 105.80 | 2.50\% | 2.88\% | 7 | 170 | 8.1\% | 5.3\% |  | 3,847,138 |  | $(4,592,548)$ |
| 20yr 2.0 |  | 146,239,982 |  | 149,603,501 | 3.20\% |  | 102.30 | 2.00\% | 2.87\% | 6 | 234 | 7.3\% | 4.7\% |  | 2,181,842 |  | $(3,199,540)$ |
| 20 yr Total |  | 146,239,982 |  | 149,603,501 | 3.20\% |  | 102.30 | 2.00\% | 2.87\% | 6 | 234 | 7.3\% | 4.7\% |  | 2,181,842 |  | $(3,199,540)$ |
| 30 yr 2.5 |  | 669,503,808 |  | 695,292,745 | 14.88\% |  | 103.85 | 2.50\% | 3.46\% | 8 | 349 | 14.1\% | 11.0\% |  | 11,281,959 |  | $(16,980,136)$ |
| 30 yr 3.0 |  | 2,546,030,649 |  | 2,723,790,114 | 58.31\% |  | 106.98 | 3.00\% | 3.49\% | 6 | 353 | 7.9\% | 8.1\% |  | 51,339,054 |  | $(69,081,595)$ |
| 30 yr 3.5 |  | 567,315,356 |  | 617,793,310 | 13.23\% |  | 108.90 | 3.50\% | 4.00\% | 19 | 335 | 22.2\% | 20.3\% |  | 9,791,547 |  | $(13,469,926)$ |
| 30 yr 4.0 |  | 49,002,291 |  | 54,286,478 | 1.16\% |  | 110.78 | 4.00\% | 4.63\% | 61 | 294 | 22.8\% | 22.7\% |  | 1,031,689 |  | $(1,134,071)$ |
| 30 yr 4.5 |  | 79,384,574 |  | 88,465,791 | 1.89\% |  | 111.44 | 4.50\% | 5.00\% | 25 | 330 | 27.9\% | 30.1\% |  | 1,087,930 |  | $(1,448,821)$ |
| 30 yr Total |  | 3,911,236,679 |  | 4,179,628,438 | 89.48\% |  | 106.86 | 3.03\% | 3.60\% | 9 | 348 | 11.6\% | 11.5\% |  | 74,532,180 |  | $(102,114,549)$ |
| Total Pass-Through MBS |  | 4,289,345,697 |  | 4,574,538,262 | 97.93\% |  | 106.65 | 2.97\% | 3.54\% | 9 | 335 | 11.3\% | 10.9\% |  | 80,561,160 |  | $(109,906,637)$ |
| Structured MBS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Interest-Only Securities | \$ | 612,075,390 | \$ | 92,709,225 | 1.98\% | \$ | 15.15 | 3.63\% | 4.19\% | 58 | 290 | 26.7\% | 29.4\% | \$ | $(6,608,873)$ | \$ | 5,507,358 |
| Inverse Interest-Only |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Securities |  | 55,821,634 |  | 3,991,247 | 0.09\% |  | 7.15 | 3.79\% | 4.40\% | 46 | 307 | 20.5\% | 32.9\% |  | $(221,794)$ |  | $(164,759)$ |
| Total Structured MBS |  | 667,897,023 |  | 96,700,472 | 2.070\% |  | 14.48 | 3.64\% | 4.21\% | 57 | 291 | 26.2\% | 29.9\% |  | $(6,830,666)$ |  | 5,342,600 |
| Mortgage Assets |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Mortgage Assets | \$ | 4,957,242,721 | \$ | 4,671,238,735 | 100\% |  |  | 3.06\% | 3.63\% | 15 | 329 | 13.3\% | 12.9\% | \$ | 73,730,493 | \$ | (104,564,038) |
|  |  | Average Notional |  | Hedge Period |  |  |  |  |  |  |  |  |  |  | Int Rate Sensitivity |  | Int Rate Sensitivity |
| Hedge |  | Balance |  | Average End |  |  |  |  |  |  |  |  |  |  | (-50 BPS) |  | (+50 BPS) |
| Eurodollar Futures | \$ | (50,000,000) |  | Dec-2021 |  |  |  |  |  |  |  |  |  | \$ | $(125,000)$ | \$ | 125,000 |
| Swaps |  | $(1,355,000,000)$ |  | Dec-2026 |  |  |  |  |  |  |  |  |  |  | $(35,505,795)$ |  | 35,505,795 |
| 5-Year Treasury Future |  | $(269,000,000)$ |  | Sep-2021 |  |  |  |  |  |  |  |  |  |  | $(8,745,561)$ |  | 8,277,405 |
| 10-Year Treasury Ultra |  | $(23,500,000)$ |  | Sep-2021 |  |  |  |  |  |  |  |  |  |  | $(2,342,966)$ |  | 2,257,176 |
| TBA |  | $(400,000,000)$ |  | Jul-2021 |  |  |  |  |  |  |  |  |  |  | $(2,947,306)$ |  | 6,032,181 |
| Swaptions |  | $(244,350,000)$ |  | May-2022 |  |  |  |  |  |  |  |  |  |  | $(6,762,043)$ |  | 7,553,504 |
| Yield Curve Spread Floor |  | $(150,000,000)$ |  | Feb-2023 |  |  |  |  |  |  |  |  |  |  | n/a |  | n/a |
| Hedge Total | \$ | $(2,491,850,000)$ |  |  |  |  |  |  |  |  |  |  |  |  | $(56,428,672)$ |  | 59,751,061 |
| Rate Shock Grand Total |  |  |  |  |  |  |  |  |  |  |  |  |  | \$ | 17,301,822 | \$ | $(44,812,977)$ |

## Portfolio High Quality Specs Allocation

Percent of PT Portfolio (by MV) Allocated to High Quality Specified Pools


Note: High Quality specs Include securities collateralized by loans with balances less than or equal to 85k, 110k, 125k, 150k,
securities with an LTV greater than 125, securities classified as Homepossible, and securities collateralized by loans
originated exclusively in state of New York

Performance versus FNMA Fixed Rate Coupon Cohort





## Prepayment Sensitivity in PT Portfolio



## Orchid Credit Counterparties and Leverage Ratio History

## Orchid Island Capital Credit Counterparties

(\$ in thousands)

| (\$ in thousands) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| As of 6/30/2021 |  |  |  |  |  |
| Counterparty | Dollar Amount of Borrowings |  | WeightedAveragematurity in TotalDays |  | Longest <br> Maturity |
| Mirae Asset Securities (USA) Inc. | \$ | 393,954 | 8.73\% | 34 | 9/14/2021 |
| Wells Fargo Bank, N.A. |  | 378,394 | 8.38\% | 14 | 7/23/2021 |
| Mitsubishi UFJ Securities (USA), Inc |  | 355,357 | 7.87\% | 20 | 7/28/2021 |
| J.P. Morgan Securities LLC |  | 345,476 | 7.65\% | 62 | 9/7/2021 |
| ASL Capital Markets Inc. |  | 342,467 | 7.59\% | 19 | 8/26/2021 |
| RBC Capital Markets, LLC |  | 295,929 | 6.55\% | 33 | 8/12/2021 |
| Cantor Fitzgerald \& Co |  | 276,727 | 6.13\% | 35 | 9/13/2021 |
| ABN AMRO Bank N.V. |  | 222,136 | 4.92\% | 23 | 8/11/2021 |
| ED\&F Man Capital Markets Inc. |  | 204,081 | 4.52\% | 24 | 8/19/2021 |
| ING Financial Markets LLC |  | 201,506 | 4.46\% | 21 | 9/10/2021 |
| Nomura Securities International, Inc. |  | 201,196 | 4.46\% | 27 | 8/17/2021 |
| Citigroup Global Markets Inc. |  | 197,170 | 4.37\% | 12 | 7/12/2021 |
| Barclays Capital Inc. |  | 150,511 | 3.33\% | 12 | 7/12/2021 |
| Goldman, Sachs \& Co. |  | 147,558 | 3.27\% | 42 | 9/27/2021 |
| Merrill Lynch, Pierce, Fenner \& Smith |  | 141,275 | 3.13\% | 14 | 7/14/2021 |
| BMO Capital Markets Corp. |  | 140,261 | 3.11\% | 27 | 9/14/2021 |
| Daiwa Securities America Inc. |  | 121,577 | 2.69\% | 39 | 8/13/2021 |
| Santander Bank, N.A. |  | 101,468 | 2.25\% | 85 | 9/23/2021 |
| Austin Atlantic Asset Management Co. |  | 101,075 | 2.24\% | 1 | 7/1/2021 |
| South Street Securities, LLC |  | 98,634 | 2.18\% | 66 | 10/8/2021 |
| Lucid Cash Fund USG LLC |  | 51,605 | 1.14\% | 15 | 7/15/2021 |
| J.V.B. Financial Group, LLC |  | 32,945 | 0.73\% | 24 | 7/26/2021 |
| Lucid Prime Fund, LLC |  | 13,402 | 0.30\% | 15 | 7/15/2021 |
| Total / Weighted Average | \$ | 4,514,704 | 100.00\% | 29 | 10/8/2021 |

Orchid Island Capital Leverage Ratio History

(1) Defined as total liabilities minus unsettled purchases divided by stockholders equity.

## Orchid Island Capital Hedge Positions

| Eurodollar Futures |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| (\$ in thousands) |  |  |  |  |  |
| As of 06/30/2021 |  |  |  |  |  |
|  | Eurodollar Futures <br> Contracts (Short <br> Positions) | Contract <br> Notional <br> Amount | Weighted <br> Average Entry <br> Rate | Weighted <br> Average Effective <br> Rate | Open Equity |

[^0]| Swap Agreements |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (\$ in thousands) | Notional Amount |  | Average Fixed Pay Rate | Average Receive Rate | Net <br> Estimated Fair Value |  | Average Maturity (Years) |
| As of June 30, 2021 |  |  |  |  |  |  |  |
| Expiration > 3 to $\leq 5$ years | \$ | 955,000 | 0.64\% | 0.16\% | \$ | 8,134 | 4.5 |
| Expiration $>5$ years |  | 400,000 | 1.16\% | 0.13\% |  | (282) | 7.8 |
|  | \$ | 1,355,000 | 0.79\% | 0.15\% | \$ | 7,852 | 5.5 |
| As of March 31, 2021 |  |  |  |  |  |  |  |
| Expiration > 3 to $\leq 5$ years | \$ | 955,000 | 0.64\% | 0.19\% | \$ | 15,286 | 4.8 |
| Expiration $>5$ years |  | 400,000 | 1.16\% | 0.18\% |  | 9,968 | 8.1 |
|  | \$ | 1,355,000 | 0.79\% | 0.18\% | \$ | 25,254 | 5.8 |


| Swaptions \& Rate Derivatives | Option |  |  |  |  | Underlying Swap |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (\$ in thousands) |  | $\operatorname{Cost}^{(3)}$ |  | Fair Value | WAVG Months to Expiration | Notional Amount ${ }^{(3)}$ | Fixed Pay Rate | Receive Rate (LIBOR) | Weighted Avg Term (Years) |
| As of June 30, 2021 |  |  |  |  |  |  |  |  |  |
| Payer Spread $\leq 1$ year |  | 1,320 |  | 672 | 12 | 0 | 1.78\% | 3 Month | 5.00 |
| Payer Spread $\geq 1$ year |  | 4,370 |  | 6,358 | 14 | 118,950 | 2.00\% | 3 Month | 10.00 |
| Payer Spread $\geq 1$ year |  | 4,095 |  | 4,760 | 14 | 41,600 | 2.24\% | 3 Month | 30.00 |
| Payer Spread $\geq 1$ year |  | 3,090 |  | 2,170 | 15 | 64,800 | 2.48\% | 3 Month | 12.00 |
| Payer Spread $\geq 1$ year |  | 3,115 |  | 1,963 | 16 | 19,000 | 2.36\% | 3 Month | 30.00 |
| 5 s 30 s Curve Floor ${ }^{(4)}$ |  | 511 |  | 1,145 | 19 | 70,000 | 0.76\% |  | 2.00 |
| 2 s 10 s Curve Floor ${ }^{(5)}$ |  | 504 |  | 1,169 | 19 | 80,000 | 1.10\% |  | 2.00 |
| Total / WAVG | \$ | 17,005 | \$ | 18,237 | 16 | 394,350 | 1.72\% |  | 10.36 |
| As of March 31, 2021 |  |  |  |  |  |  |  |  |  |
| Payer Spread $\geq 1$ year |  | 4,370 |  | 9,424 | 17 | 118,950 | 2.00\% | 3 Month | 10.00 |
| Payer Spread $\geq 1$ year |  | 4,095 |  | 7,157 | 17 | 41,600 | 2.24\% | 3 Month | 30.00 |
| Payer Spread $\geq 1$ year |  | 3,090 |  | 3,389 | 18 | 64,800 | 2.48\% | 3 Month | 12.00 |
| Payer Spread $\geq 1$ year |  | 3,115 |  | 3,069 | 19 | 19,000 | 2.36\% | 3 Month | 30.00 |
| 5 s 30 s Curve Floor ${ }^{(4)}$ |  | 511 |  | 1,236 | 22 | 70,000 | 0.76\% |  | 2.00 |
| 2s10s Curve Floor ${ }^{(5)}$ |  | 504 |  | 809 | 22 | 80,000 | 1.10\% |  | 2.00 |
| Total / WAVG | \$ | 15,685 | \$ | 25,084 | 19 | 394,350 | 1.72\% |  | 10.36 |

## Appendix

## Orchid Island Capital Earnings Per Share Support Data

| Quarter |  | me (GAAP) |  | Realized and Unrealized Gains an Losses |  | Net Earnings Less Realized and Unrealized Gains and Losses | Weighted Average Shares Outstanding |  | Net Income Per Share |  | Realized and Unrealized Gains and Losses Per Share |  | Net Earnings Less Realized and Unrealized Gains and Losses Per Share(1) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2013-Q1 | \$ | 400,000 | \$ | $(413,000)$ | \$ | 813,000 | 2,004,332 | \$ | 0.20 | \$ | (0.21) | \$ | 0.41 |
| 2013-Q2 | \$ | $(1,546,000)$ | \$ | $(3,201,000)$ | \$ | 1,655,000 | 3,341,665 | \$ | (0.46) | \$ | (0.96) | \$ | 0.50 |
| 2013-Q3 | \$ | $(997,000)$ | \$ | $(2,853,000)$ | \$ | 1,856,000 | 3,341,665 | \$ | (0.30) | \$ | (0.85) | \$ | 0.56 |
| 2013-Q4 | \$ | 1,445,000 | \$ | $(635,000)$ | \$ | 2,080,000 | 3,341,665 | \$ | 0.43 | \$ | (0.19) | \$ | 0.62 |
| 2014-Q1 | \$ | 3,595,000 | \$ | 758,000 | \$ | 2,837,000 | 5,093,554 | \$ | 0.71 | \$ | 0.15 | \$ | 0.56 |
| 2014-Q2 | \$ | 10,635,000 | \$ | 5,836,000 | \$ | 4,799,000 | 9,078,107 | \$ | 1.17 | \$ | 0.64 | \$ | 0.53 |
| 2014-Q3 | \$ | 6,768,000 | \$ | $(306,000)$ | \$ | 7,074,000 | 10,710,153 | \$ | 0.63 | \$ | (0.03) | \$ | 0.66 |
| 2014-Q4 | \$ | 3,521,000 | \$ | $(6,055,000)$ | \$ | 9,576,000 | 14,565,000 | \$ | 0.24 | \$ | (0.42) | \$ | 0.66 |
| 2015-Q1 | \$ | 5,509,000 | \$ | $(6,063,000)$ | \$ | 11,572,000 | 16,846,950 | \$ | 0.33 | \$ | (0.36) | \$ | 0.69 |
| 2015-Q2 | \$ | $(2,832,000)$ | \$ | $(16,017,000)$ | \$ | 13,185,000 | 19,751,871 | \$ | (0.14) | \$ | (0.81) | \$ | 0.67 |
| 2015-Q3 | \$ | (9,417,000) | \$ | $(23,682,000)$ | \$ | 14,265,000 | 22,545,019 | \$ | (0.42) | \$ | (1.05) | \$ | 0.63 |
| 2015-Q4 | \$ | 7,810,000 | \$ | $(6,813,000)$ | \$ | 14,623,000 | 21,771,000 | \$ | 0.36 | \$ | (0.31) | \$ | 0.67 |
| 2016-Q1 | \$ | $(4,591,000)$ | \$ | $(19,561,000)$ | \$ | 14,970,000 | 21,756,065 | \$ | (0.21) | \$ | (0.90) | \$ | 0.69 |
| 2016-Q2 | \$ | 6,463,000 | \$ | $(7,319,000)$ | \$ | 13,782,000 | 21,920,573 | \$ | 0.29 | \$ | (0.33) | \$ | 0.63 |
| 2016-Q3 | \$ | 20,526,000 | \$ | 4,418,000 | \$ | 16,108,000 | 24,133,343 | \$ | 0.85 | \$ | 0.18 | \$ | 0.67 |
| 2016-Q4 | \$ | $(20,419,000)$ | \$ | $(38,005,000)$ | \$ | 17,586,000 | 28,494,000 | \$ | (0.72) | \$ | (1.33) | \$ | 0.62 |
| 2017-Q1 | \$ | 2,449,000 | \$ | $(20,727,000)$ | \$ | 23,176,000 | 33,069,064 | \$ | 0.07 | \$ | (0.63) | \$ | 0.70 |
| 2017-Q2 | \$ | ( $9,643,000$ ) | \$ | $(32,597,000)$ | \$ | 22,954,000 | 37,211,362 | \$ | (0.26) | \$ | (0.88) | \$ | 0.62 |
| 2017-Q3 | \$ | 15,183,000 | \$ | $(8,254,000)$ | \$ | 23,437,000 | 45,355,124 | \$ | 0.33 | \$ | (0.18) | \$ | 0.52 |
| 2017-Q4 | \$ | $(5,982,000)$ | \$ | $(29,540,000)$ | \$ | 23,558,000 | 48,310,191 | \$ | (0.12) | \$ | (0.61) | \$ | 0.49 |
| 2018-Q1 | \$ | $(16,377,000)$ | \$ | $(38,055,000)$ | \$ | 21,678,000 | 53,065,845 | \$ | (0.31) | \$ | (0.72) | \$ | 0.41 |
| 2018-Q2 | \$ | 1,347,566 | \$ | $(17,733,629)$ | \$ | 19,081,195 | 52,587,472 | \$ | 0.03 | \$ | (0.33) | \$ | 0.36 |
| 2018-Q3 | \$ | $(2,958,104)$ | \$ | $(20,149,849)$ | \$ | 17,191,745 | 52,034,695 | \$ | (0.06) | \$ | (0.39) | \$ | 0.33 |
| 2018-Q4 | \$ | $(26,399,075)$ | \$ | $(40,707,938)$ | \$ | 14,308,863 | 51,188,425 | \$ | (0.52) | \$ | (0.80) | \$ | 0.28 |
| 2019-Q1 | \$ | 10,597,122 | \$ | $(747,714)$ | \$ | 11,344,836 | 48,904,587 | \$ | 0.22 | \$ | (0.02) | \$ | 0.24 |
| 2019-Q2 | \$ | 3,532,489 | \$ | $(7,671,614)$ | \$ | 11,204,102 | 52,600,758 | \$ | 0.07 | \$ | (0.15) | \$ | 0.21 |
| 2019-Q3 | \$ | (8,550,438) | \$ | $(19,429,407)$ | \$ | 10,878,969 | 60,418,985 | \$ | (0.14) | \$ | (0.32) | \$ | 0.18 |
| 2019-Q4 |  | 18,614,772 | \$ | 3,839,829 | \$ | 14,774,942 | 63,124,260 | \$ | 0.29 | \$ | 0.06 | \$ | 0.23 |
| 2020-Q1 | \$ | (91,199,041) | \$ | $(108,206,116)$ | \$ | 17,007,075 | 64,590,205 | \$ | (1.41) | \$ | (1.68) | \$ | 0.26 |
| 2020-Q2 | \$ | 48,772,010 | \$ | 28,749,202 | \$ | 20,022,808 | 66,310,219 | \$ | 0.74 | \$ | 0.43 | \$ | 0.30 |
| 2020-Q3 | \$ | 28,076,038 | \$ | 5,745,276 | \$ | 22,330,762 | 67,301,901 | \$ | 0.42 | \$ | 0.09 | \$ | 0.33 |
| 2020-Q4 | \$ | 16,478,329 | \$ | $(4,605,600)$ | \$ | 21,083,929 | 70,532,822 | \$ | 0.23 | \$ | (0.07) | \$ | 0.30 |
| 2021-Q1 | \$ | $(29,368,345)$ | \$ | $(50,791,430)$ | \$ | 21,423,086 | 85,344,954 | \$ | (0.34) | \$ | (0.60) | \$ | 0.25 |
| 2021-Q2 | \$ | $(16,865,715)$ | \$ | $(40,842,965)$ | \$ | 23,977,250 | 99,489,065 | \$ | (0.17) | \$ | (0.41) | \$ | 0.24 |

## ORC Historical Portfolio Breakdown

ORC Historical Portfolio Breakdown


## Securitized Products Returns June 2021

Exhibit 1: 2021 year-to-date and 2020 returns summary - sorted by 2021 total

## return

The S\&P 500 leads the 2021 YTD total retum ranking

|  | 2021 YTD (As of 06/30/2021) |  | 2020 |  | $\begin{gathered} 6 / 30 / 202 \\ 1 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Sector | Total Return | Excess Return (vs. Swaps/Libor) | Total Return | Excess Return (vs. Swaps/Libor) | Spread/ Price |
| S\&P 500 | 15.2\% | NA | 18.4\% | N/ | 4298 |
| NDX 100 | 13.3\% | NA | 48.9\% | NA | 14555 |
| CLO 2.0/3.0 BB | 6.5\% | 6.4\% | 8.2\% | 7.5\% | 665 |
| CMBS BBB | 6.3\% | 8.4\% | -0.9\% | -8.1\% | 303 |
| SP down in credit indicator | 4.3\% | 4.7\% | 1.7\% | -0.8\% | NA |
| Legacy RMBS | 3.9\% | 4.2\% | 3.2\% | 1.4\% | 134 |
| HY Corporate | 3.7\% | 5.0\% | 6.2\% | 0.9\% | 300 |
| Leveraged Loans | 3.3\% | 3.2\% | 3.1\% | 2.4\% | 401 |
| CRT 17 | 3.1\% | 3.1\% | -2.8\% | -3.5\% | 337 |
| CLO 2.0/3.0 BBB | 2.6\% | 2.5\% | 6.2\% | 5.5\% | 350 |
| CRT M 2 /OId M3 | 2.1\% | 2.0\% | 4.0\% | 3.3\% | 220 |
| CLO 2.0/3.0A | 1.4\% | 1.3\% | 5.0\% | 4.3\% | 205 |
| CLO 2.0/3.0 Total | 1.3\% | 1.2\% | 3.6\% | 2.9\% | 159 |
| SP return indicator | 1.2\% | 1.9\% | 4.3\% | 1.0\% | NA |
| CLO 2.0/3.0AA | 1.1\% | 1.0\% | 3.9\% | 3.1\% | 155 |
| Floating ABS | 1.0\% | 0.9\% | 2.1\% | 1.4\% | 55 |
| CLO 2.0/3.0 AAA | 0.8\% | 0.7\% | 2.8\% | 2.1\% | 100 |
| FixedABS | 0.6\% | 1.0\% | 3.8\% | 0.2\% | 64 |
| CRT M 1 | 0.5\% | 0.4\% | 4.1\% | 3.4\% | 61 |
| CMBS | 0.3\% | 2.3\% | 6.8\% | -0.3\% | 83 |
| SP AAA indicator | 0.2\% | 0.9\% | 4.6\% | 1.1\% | NA |
| Agency CMBS | -0.7\% | 1.6\% | 8.4\% | 1.3\% | 23 |
| Agency MBS | -0.8\% | -0.7\% | 4.1\% | -0.6\% | 16 |
| 1 G Corporate | -1.1\% | 3.4\% | 9.8\% | 1.8\% | 92 |
| US Treasury | -2.7\% | 1.1\% | 8.2\% | 1.0\% | 2 |

Source: BofA Global Research, ICE Data Indices, LLC., Palmer Square CLO Indices, S\&P LCD
Note: Excess returns are measured over swaps for fixed rate assets, over Libor for floating rate assets. CRT M2/OId M3 returns exclude old STACR M2 structure. CRT spreads are on-the-run spreads for Low LTV bonds. This performance is backtested and does not represent the actual performance of ary account or fund. Back-tested performance depicts the theoretical (not actual) performance of a particular strategy over the time period indicated. No representation is being made that any actual portiono sikely to have adileved returns similar to those shown herein. Discalmer: the Securtized Products ndicators abeve are performance for ary firanclal instrument or contrat or otherwise relled upon by third parties for ary other purpose, without the prior written consent of BofA Global Research. These Indicators were not created to act as a benchrmark.

Exhibit 2: 2021 year-to-date and 2020 returns summary - sorted by 2021 excess return
CMBS BBB leads the 2021 YTD excess retum ranking

|  | 2021 YTD (As of <br> $\mathbf{0 6 / 3 0 / 2 0 2 1}$ |  |  |  | 2020 |
| :--- | :---: | :---: | :---: | :---: | :---: |

mer Square CLO Indices, S\&P LCD
Source: BofA Global Research, ICE Data Indices, LLC., Palmer Square CLO Indices, S\&P LCD
Note: Excess returns are measured over swaps for fixed rate assets, over Libor for floating rate assets. CRT M2/Old M Note: Excess returns are measured over swaps for fixed rate assets, over Libor for floating rate assets. CRT M2/Old M3
returns exclude old STACR M2 structure. CRT spreads are on-the-run spreads for Low LTV bonds. This performance is backreturns exdude old STACR M2 structure. CRT spreads are on-the-run spreads for Low LTV bonds. This performance is
tested and does not represent the actual performance of ary account or fund. Back-tested performance deplats the theoretical (not actual) performance of a particular strategy over the time period indicated. No representation is being made that ary actual portfolio is likely to have achleved returns similar to those shown herein. Disclalmer: The Securitized Products Return, and the subset Securitized Products AAA Return and Securitized Products Down in Credit Return, Identified as an indicators above, are intended to be indicative metrics only and may not be used for reference purposes or as a measure of performance for any financlal instrument or contract, or otherwise relied upon by third parties for ary other purpose, without the prior written consent of BofA Global Research. These indicators were not created to act as a benchmark.

## Securitized Products Returns June 2021

Exhibit 3: Securitized products total and excess returns versus swaps/Libor

|  | Mod <br> Dur | Total Returns |  |  |  | Excess Returns vs. Swaps/Libor |  |  |  |  | $\begin{gathered} \text { Mod } \\ \text { Du } \end{gathered}$ | Total Returns |  |  |  | Excess Returns vs. Swaps/Libor |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 6/21 | QTD | YTD | 2020 | 6/21 | QTD | YTD | 2020 |  |  | 6/21 | QTD | YTD | 2020 | 6/21 | QTD | YTD | 2020 |
| Agency MBS | 4.8 | 0.0\% | 0.3\% | -0.8\% | 4.1\% | -0.1\% | -0.4\% | -0.7\% | -0.6\% | SP return Indicator |  | 0.2\% | 1.1\% | 1.2\% | 4.3\% | 0.1\% | 0.5\% | 1.9\% | 1.0\% |
| FNMA 30Y CC | 7.4 | 0.2\% | 1.8\% | $-22 \%$ | 8.7\% | -0.3\% | 0.0\% | 0.5\% | 29\% | SP AAA Indicator |  | 0.1\% | 0.8\% | 0.2\% | 4.6\% | 0.0\% | 0.2\% | 0.9\% | 1.1\% |
| FHLMC 30Y CC | 7.3 | 0.2\% | 1.8\% | -22\% | 9.4\% | -0.3\% | 0.0\% | 0.5\% | 3.7\% | SP down in credit Indicator |  | 0.5\% | 25\% | 4.3\% | 1.7\% | 0.4\% | 21\% | 4.7\% | -0.8\% |
| GNMA 30Y Cc | 7.8 | 0.4\% | 1.5\% | -1.6\% | 7.4\% | $0.0 \%$ | 0.0\% | -0.9\% | 1.8\% |  |  |  |  |  |  |  |  |  |  |
| All FNMA | 4.8 | 0.0\% | 0.5\% | -0.7\% | 4.1\% | -0.19 | -0.3\% | -0.5\% | -0.5\% | cas |  |  |  |  |  |  |  |  |  |
| All fHLMC | 5.0 | 0.0\% | 0.6\% | -0.8\% | 4.1\% | -0.1\% | -0.3\% | -0.6\% | -0.4\% | 1M1 |  | NA | NA | 0.2\% | 4.6\% | NA | NA | 0.1\% | 3.9\% |
| All GNMA | 4.5 | 0.0\% | -0.2\% | -1.19\% | 4.1\% | 0.0\% | -0.8\% | -1.3\% | -0.8\% | 1 M 2 |  | 0.3\% | 0.8\% | 21\% | 3.1\% | 0.396 | 0.8\% | 2.0\% | 2396 |
| FNCL 30yr | 5.1 | 0.0\% | 0.5\% | -0.9\% | 4.1\% | -0.1\% | -0.4\% | -0.7\% | -0.5\% | 181 |  | 0.4\% | 1.2\% | 21\% | -3.3\% | 0.4\% | 1.2\% | 2.1\% | -4.096 |
| 2.0 |  | 0.2\% | 1.8\% | -1.7\% | 2.9\% | -0.3\% | 0.0\% | -1.1\% | 3.2\% | 2M1 |  | NA | 0.1\% | 0.3\% | 3.3\% | NA | 0.1\% | 0.2\% | 26\% |
| 2.5 |  | 0.1\% | 1.2\% | -1.4\% | 8.7\% | -0.1\% | 0.1\% | -1.4\% | 20\% | 2M2 |  | 0.3\% | 0.9\% | 22\% | 26\% | 0.3\% | 0.9\% | 2.1\% | 1.996 |
| 3.0 |  | -0.1\% | 0.2\% | -0.6\% | 4.5\% | 0.0\% | -0.4\% | -0.7\% | -1.9\% | $2 \mathrm{B1}$ |  | 0.8\% | 1.5\% | 3.9\% | 0.9\% | 0.7\% | 1.4\% | 3.9\% | 0.2\% |
| 3.5 |  | 0.0\% | -0.3\% | -0.8\% | 3.2\% | 0.1\% | -0.5\% | -0.8\% | -1.6\% | STACR |  |  |  |  |  |  |  |  |  |
| 4.0 |  | -0.2\% | -0.8\% | -0.9\% | 29\% | 0.0\% | -0.8\% | -0.3\% | -0.2\% | Low LTV M1 |  | 0.1\% | 0.3\% | 0.5\% | 28\% | 0.1\% | 0.2\% | 0.4\% | 20\% |
| 4.5 |  | -0.1\% | -1.19 | -1.19\% | 3.5\% | 0.1\% | -1.1\% | 0.3\% | 0.7\% | Low LTV New M2/Oid M3 |  | 0.3\% | 0.7\% | 21\% | 4.3\% | 0.3\% | 0.7\% | 2.0\% | 3.6\% |
| 5.0 |  | -0.1\% | -1.3\% | -1.5\% | 5.4\% | 0.2\% | -1.2\% | 0.2\% | 1.1\% | Low LTV B1 |  | 0.7\% | 1.7\% | 3.6\% | 1.1\% | 0.7\% | 1.7\% | 3.6\% | 0.4\% |
| 5.5 |  | 0.1\% | -0.5\% | -0.4\% | 6.3\% | 0.3\% | -0.6\% | 1.3\% | 0.6\% | High LTV M1 |  | 0.1\% | 0.3\% | 0.5\% | 7.2\% | 0.1\% | 0.3\% | 0.4\% | 6.5\% |
| FNCI 15yr | 3.5 | 0.0\% | 0.5\% | 0.0\% | 4.4\% | 0.1\% | 0.1\% | 0.5\% | -0.3\% | High LTV Oid M2 |  | 0.0\% | 0.2\% | 0.6\% | 1.9\% | 0.0\% | 0.2\% | 0.5\% | 1.2\% |
| 2.0 |  | 0.0\% | 0.8\% | -0.8\% | 6.8\% | 0.0\% | 0.1\% | -0.2\% | 1.7\% | High LTV New M2/Od M 3 |  | 0.3\% | 0.7\% | 21\% | 57\% | 0.3\% | 0.7\% | 2.1\% | 4.9\% |
| 2.5 |  | 0.0\% | 0.5\% | 0.2\% | 4.6\% | 0.2\% | 0.3\% | 0.8\% | -0.6\% | High LTVB1 |  | 0.6\% | 1.4\% | 28\% | 3.0\% | 0.6\% | 1.4\% | 27\% | 23\% |
| 3.0 |  | -0.1\% | -0.1\% | 0.2\% | 3.9\% | 0.1\% | -0.1\% | 0.8\% | -0.8\% | SFR Floater |  |  |  |  |  |  |  |  |  |
| 3.5 |  | 0.0\% | 0.0\% | 0.3\% | 4.1\% | 0.2\% | 0.0\% | 1.0\% | 0.0\% | A |  | -0.1\% | 0.1\% | 0.5\% | 20\% | -0.1\% | 0.0\% | 0.5\% | 1.3\% |
| 4.0 |  | -0.1\% | -0.1\% | 0.2\% | 3.2\% | 0.1\% | -0.3\% | 0.7\% | -0.3\% | B |  | 0.0\% | 0.5\% | 1.1\% | 21\% | 0.0\% | 0.5\% | 1.0\% | 1.4\% |
| Ginnie 30yr | 4.6 | 0.0\% | -0.2\% | -1.1\% | 4.1\% | 0.096 | -0.8\% | -1.3\% | -0.8\% | C |  | 0.0\% | 0.2\% | 1.0\% | 21\% | 0.0\% | 0.2\% | 1.0\% | 1.4\% |
| 2.5 |  | 0.0\% | 0.6\% | -1.7\% | 7.6\% | -0.1\% | -0.5\% | -1.7\% | 1.2\% | D |  | 0.0\% | 0.2\% | 0.9\% | 26\% | 0.0\% | 0.2\% | 0.8\% | 1.99\% |
| 3.0 |  | 0.0\% | 0.0\% | -0.6\% | 3.5\% | 0.1\% | -0.5\% | -0.7\% | $-23 \%$ | E |  | Na | 0.2\% | 0.8\% | 1.8\% | NA | 0.2\% | 0.8\% | 1.0\% |
| 3.5 |  | -0.1\% | -0.8\% | -1.6\% | 4.1\% | 0.1\% | -1.0\% | $-1.7 \%$ | -1.0\% | CMBS | 4.6 | 0.2\% | 1.8\% | 0.3\% | 6.8\% | . 19 | 0.6\% | 23\% | -0.396 |
| 4.0 |  | -0.4\% | -1.4\% | -1.5\% | 4.3\% | -0.2\% | -1.5\% | -1.5\% | 0.1\% | AAA | 4.6 | 0.2\% | 1.6\% | -0.5\% | 7.6\% | 0.1\% | 0.4\% | 1.5\% | 0.6\% |
| 4.5 |  | -0.4\% | -1.5\% | -1.0\% | 3.6\% | $-0.3 \%$ | -1.8\% | -0.7\% | -0.3\% | AA-BBB | 4.5 | 0.5\% | 27\% | 3.3\% | 3.5\% | 0.4\% | 1.6\% | 5.3\% | -3.7\% |
| 5.0 |  | -0.6\% | -1.5\% | -1.2\% | 4.5\% | $-0.5 \%$ | -1.8\% | -0.9\% | 0.3\% | BBB | 4.6 | 0.7\% | 3.7\% | 63\% | -0.9\% | 0.6\% | 26\% | 8.4\% | -8.1\% |
| 5.5 |  | 0.1\% | 0.0\% | 0.2\% | 5.4\% | 0.2\% | -0.3\% | 1.4\% | 0.4\% | Agency | 5.0 | 0.1\% | 1.6\% | -0.7\% | 8.4\% | -0.1\% | 0.2\% | 1.6\% | 1.3\% |
| us Treasurles | 7.1 | 0.9\% | 20\% | -27\% | 8.2\% | -0.1\% | -0.6\% | 1.1\% | 1.0\% | ABS - Fixed | 21 | 0.0\% | 0.5\% | 0.6\% | 3.8\% | 0.0\% | 0.19\% | 1.0\% | 0.2\% |
| 1 -3yrs | 1.9 | -0.2\% | 0.0\% | -0.1\% | 3.1\% | 0.096 | -0.1\% | -0.2\% | -0.4\% | Autos | 1.4 | -0.1\% | 0.2\% | 0.3\% | 3.5\% | 0.0\% | 0.1\% | 0.3\% | 0.6\% |
| 3 -5yrs | 3.9 | -0.3\% | 0.3\% | -0.9\% | 6.1\% | -0.19 | -0.2\% | 0.1\% | -0.1\% | Cards | 1.7 | 0.0\% | 0.3\% | 0.096 | 37\% | 0.096 | 0.09 | 0.2\% | 0.79\% |
| 5 -7yrs | 57 | 0.2\% | 1.5\% | -21\% | 8.4\% | 0.296 | 0.0\% | 0.5\% | 0.3\% | HEL | 29 | -0.1\% | 0.7\% | $-0.3 \%$ | 6.3\% | -0.1\% | $0.00 \%$ | 1.1\% | 0.8\% |
| 7 -10yrs | 7.9 | 1.1\% | 26\% | $-3.3 \%$ | 10.0\% | 0.2\% | -0.3\% | 1.1\% | 0.5\% | MH | 0.0 | 0.0\% | 0.0\% | 0.0\% | 3.3\% | 0.096 | 0.0\% | 0.0\% | -3.996 |
| $20+$ yrs | 18.7 | 4.0\% | 7.19\% | -7.8\% | 18.0\% | -0.5\% | -22\% | 3.9\% | 4.9\% | Other | 3.2 | 0.0\% | 0.9\% | 1.5\% | 3.9\% | 0.0\% | 0.2\% | 2.5\% | -1.0\% |
| Agency Debt | 4.1 | 0.1\% | 0.8\% | -1.0\% | 6.7\% | 0.1\% | -0.2\% | 0.7\% | 0.2\% | ABS - Floating | 3.6 | 0.1\% | 0.4\% | 1.0\% | 21\% | 0.1\% | 0.3\% | 0.9\% | 1.49\% |
| Freddle | 3.6 | 0.1\% | 0.7\% | -0.7\% | 7.1\% | 0.0\% | -0.2\% | 0.6\% | -0.1\% | Cards | 1.6 | 0.1\% | 0.2\% | 0.4\% | 1.3\% | $0.0 \%$ | 0.2\% | 0.3\% | 0.6\% |
| Fannle | 4.4 | 0.2\% | 0.9\% | -1.19\% | 6.6\% | 0.1\% | -0.2\% | 0.8\% | 0.4\% | HEL | 27 | 0.1\% | 0.4\% | 1.1\% | 20\% | 0.1\% | 0.4\% | 1.0\% | 1.3\% |
| High Yield | 5.2 | 1.4\% | 28\% | 3.7\% | 6.2\% | 1.2\% | 1.7\% | 5.0\% | 0.9\% | Other | 4.5 | 0.2\% | 0.5\% | 1.4\% | 26\% | 0.1\% | 0.5\% | 1.3\% | 1.99\% |
| High Grade | 83 | 1.7\% | 3.6\% | $-1.19$ | 9.8\% | $0.4 \%$ | 0.4\% | 3.4\% | 1.8\% | Student Loans | 4.6 | 0.2\% | 0.5\% | 1.49 | 26\% | 0.1\% | 0.5\% | 1.3\% | 1.99 |
| Banks | 5.6 | 0.8\% | 23\% | -0.8\% | 8.7\% | 0.3\% | 0.5\% | 1.7\% | 21\% | c. $2.0 / 3.0$ Total |  | 0.1\% | 0.7\% | 1.3\% | 3.6\% | 0.1\% | 0.6\% | 1.2\% | 299 |
| Firancals | 6.2 | 1.0\% | 26\% | -0.7\% | 9.0\% | 0.3\% | 0.6\% | 22\% | 21\% | CLO 20/3.0AAA |  | 0.1\% | 0.4\% | 0.8\% | 28\% | 0.1\% | 0.3\% | 0.7\% | 21\% |
| Non-Agency: Legacy |  |  |  |  |  |  |  |  |  | CLO 2.0/3.0AA |  | 0.2\% | 0.6\% | 1.1\% | 3.9\% | 0.2\% | 0.6\% | 1.0\% | 3.1\% |
| Prime Fixed |  | 0.8\% | 25\% | 3.5\% | 3.6\% | 0.7\% | 1.3\% | 5.5\% | -3.5\% | CLO 2.0/3.0A |  | 0.1\% | 0.7\% | 1.4\% | 5.0\% | 0.1\% | 0.7\% | 1.3\% | 4.3\% |
| Alt-A 5/1 WAC |  | 0.3\% | 1.0\% | 4.4\% | 4.3\% | 0.3\% | 1.0\% | 4.3\% | 3.6\% | CLO 20/3.0 BBB |  | 0.3\% | 1.9\% | 26\% | 6.2\% | 0.3\% | 1.8\% | 2.5\% | 5.5\% |
| Option ARM |  | 0.3\% | 0.8\% | 4.0\% | 0.4\% | 0.3\% | 0.8\% | 4.0\% | -0.3\% | CLO 2.0/3.0 BB |  | 0.7\% | 3.7\% | 6.5\% | 83\% | 0.7\% | 3.7\% | 6.4\% | 7.5\% |
| Non-Agency: 2.0 l |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Non-QM Al |  | 0.4\% | -0.3\% | -0.2\% | 5.8\% | 0.3\% | -1.5\% | 1.8\% | ${ }^{-1.2 \%}$ |  |  |  |  |  |  |  |  |  |  |
| RPL A1 |  | 0.1\% | 0.2\% | 0.5\% | 5.2\% | 0.096 | -1.0\% | 25\% | -1.9\% |  |  |  |  |  |  |  |  |  |  |


[^0]:    1. Open equity represents the cumulative gains (losses) recorded on open futures positions from inception.
    2. 5-Year T-Note futures contracts were valued at a price of $\$ 123.43$ on June 30,2021 . The notional contract value of the short position was $\$ 269$ million.
    3. Notional and cost amounts on swaption payer spread positions are netted.
    4. Single Look Floor on CMS 5s30s Contingent on CMS 30y $>1.92$ and a strike of $0.76 \%$.
    5. Single Look Floor on CMS 2 s 10 s Contingent on CMS $30 \mathrm{y}>1.91$ and a strike of $1.10 \%$.
