

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

FORM 10-K

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2021

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from __ to __

Commission File Number: 001-32171



Bimini Capital Management, Inc.

(Exact name of registrant as specified in its charter)

Maryland

(State or other jurisdiction of
incorporation or organization)

72-1571637

(I.R.S. Employer
Identification No.)

3305 Flamingo Drive, Vero Beach, Florida 32963

(Address of principal executive offices) (Zip Code)

(772) 231-1400

(Registrant's telephone number, including area code)

Securities registered pursuant to Section 12(b) of the Act: None

Securities registered pursuant to Section 12(g) of the Act:

Title of Each Class

Class A Common Stock, \$0.001 par value

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input checked="" type="checkbox"/>	Smaller reporting company	<input checked="" type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes No

State the aggregate market value of the voting stock held by non-affiliates of the Registrant as of June 30, 2021:

<u>Title of each Class</u>	<u>Shares held by non-affiliates</u>	<u>Aggregate market value held by non-affiliates</u>
Class A Common Stock, \$0.001 par value	7,457,553	\$13,000,000 (a)
Class B Common Stock, \$0.001 par value	20,760	\$1,000 (b)
Class C Common Stock, \$0.001 par value	31,938	\$1,500 (b)

(a) The aggregate market value was calculated by using the last sale price of the Class A Common Stock as of June 30, 2021.

(b) The market value of the Class B and Class C Common Stock is an estimate based on their initial purchase price.

Indicate the number of shares outstanding of each of the Registrant's classes of common stock, as of the latest practicable date:

<u>Title of each Class</u>	<u>Latest Practicable Date</u>	<u>Shares Outstanding</u>
Class A Common Stock, \$0.001 par value	March 11, 2022	10,531,772
Class B Common Stock, \$0.001 par value	March 11, 2022	31,938
Class C Common Stock, \$0.001 par value	March 11, 2022	31,938

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the Registrant's definitive Proxy Statement for its 2022 Annual Meeting of Stockholders of the Registrant are incorporated by reference into Part III of this Annual Report on Form 10-K (this "Report").

BIMINI CAPITAL MANAGEMENT, INC.

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SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

We make forward-looking statements in this Report that are subject to risks and uncertainties. These forward-looking statements include information about possible or assumed future results of our business, financial condition, liquidity, results of operations, and objectives. When we use the words “believe,” “expect,” “anticipate,” “estimate,” “intend,” “should,” “may,” “plans,” “projects,” “will,” or the negative of these words, we intend to identify forward-looking statements. Statements regarding the following subjects are forward-looking by their nature:

- our business and investment strategy;
- our expected operating results;
- our ability to acquire investments on attractive terms;
- the effect of changing interest rates on inflation, unemployment and mortgage supply and demand;
- the effect of prepayment rates on the value of our assets;
- our ability to access the capital markets;
- our ability to obtain future financing arrangements;
- our ability to successfully hedge the interest rate risk and prepayment risk associated with our portfolio;
- the federal conservatorship of the Federal National Mortgage Association (“Fannie Mae”) and the Federal Home Loan Mortgage Corporation (“Freddie Mac”) and related efforts, along with any changes in laws and regulations affecting the relationship between Fannie Mae and Freddie Mac and the U.S. government;
- the impact of inflation on general economic conditions and monetary policy;
- market trends;
- our understanding of our competition and our ability to compete effectively;
- our ability to quantify risk based on historical experience;
- our ability to forecast our tax attributes, which are based upon various facts and assumptions, and our ability to protect and our NOLs to offset future taxable income, including whether our shareholder rights plan will be effective in preventing a change that would significantly limit our ability to utilize such NOLs;
- the impact of possible future changes in tax laws or tax rates;
- our ability to maintain our exemption from the obligation to register under the Investment Company Act of 1940, as amended (“Investment Company Act”);
- the effect of actual or proposed actions of the U.S. Federal Reserve (the “Fed”), the Federal Housing Finance Agency (the “FHFA”), the Federal Open Market Committee (the “FOMC”) and the U.S. Treasury with respect to monetary policy or interest rates;
- the ongoing effect of the coronavirus (COVID-19) pandemic and the potential future outbreak of other highly infectious contagious diseases on the Agency MBS market and on our results of future operations, financial position, and liquidity;
- geo-political events, such as the crisis in Ukraine, government responses to such events and the related impact on the economy both nationally and internationally;
- expected capital expenditures;
- the impact of technology on our operations and business, and
- the eventual phase-out of the London Interbank Offered Rate (“LIBOR”) index, transition from LIBOR to an alternative reference rate and the impact on our LIBOR sensitive assets, liabilities and funding hedges

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 this Report and any subsequent Quarterly Reports on Form 10-Q. 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.

PART I

ITEM 1. BUSINESS

Overview

Bimini Capital Management, Inc., a Maryland corporation (“Bimini Capital” and, collectively with its subsidiaries, the “Company”) is a specialty finance company that operates in two business segments: investing in mortgage-backed securities (“MBS”) and Orchid Island Capital, Inc. (“Orchid”) common stock in our own portfolio, and serving as the external manager of Orchid. Orchid also invests in MBS. In both cases, the principal and interest payments of these MBS are guaranteed by Fannie Mae, Freddie Mac or the Government National Mortgage Association (“Ginnie Mae” and, collectively with Fannie Mae and Freddie Mac, “GSEs”) and are backed primarily by single-family residential mortgage loans. We refer to these types of MBS as “Agency MBS.” The investment focuses on, and the portfolios consist of, two categories of Agency MBS: (i) traditional pass-through Agency MBS, such as mortgage pass-through certificates and collateralized mortgage obligations (“CMOs”) issued by the GSEs and (ii) structured MBS, such as interest only securities (“IOs”), inverse interest only securities (“IIOs”) and principal only securities (“POs”), among other types of structured Agency MBS. The Company’s operations are classified into two principal reportable segments: the asset management segment and the investment portfolio segment.

The investment portfolio segment includes the investment activities conducted at Bimini Capital’s wholly-owned subsidiary, Royal Palm Capital, LLC (“Royal Palm”). The investment portfolio segment receives revenue in the form of interest and dividend income. References to the general management of the Company’s portfolio of MBS refer to the operations of Royal Palm.

The Company, through Royal Palm’s wholly-owned subsidiary, Bimini Advisors Holdings, LLC (“Bimini Advisors”), serves as the external manager of Orchid and from this arrangement the Company receives management fees and expense reimbursements. The asset management segment includes these investment advisory services provided by Bimini Advisors to Orchid.

Management of Orchid

Orchid is externally managed and advised by our wholly-owned subsidiary, Bimini Advisors, and its MBS investment team pursuant to the terms of a management agreement. As Manager, Bimini Advisors is responsible for administering Orchid’s business and day-to-day operations. Pursuant to the terms of the management agreement, Bimini Advisors provides Orchid with its management team, including its officers, along with appropriate support personnel. Bimini Advisors is at all times subject to the supervision and oversight of Orchid’s board of directors, of which a majority of the members are independent, and is only permitted to perform such functions delegated by Orchid’s Board.

Bimini Advisors receives a monthly management fee in the amount of:

- One-twelfth of 1.5% of the first \$250 million of the Orchid’s equity, as defined in the management agreement,
- One-twelfth of 1.25% of the Orchid’s equity that is greater than \$250 million and less than or equal to \$500 million, and
- One-twelfth of 1.00% of the Orchid’s equity that is greater than \$500 million.

Orchid is obligated to reimburse Bimini Advisors for any direct expenses incurred on its behalf. In addition, Bimini Advisors allocates to Orchid its pro rata portion of certain overhead costs as set forth in the management agreement. Should Orchid terminate the management agreement without cause, it shall pay to Bimini Advisors a termination fee equal to three times the average annual management fee, as defined in the management agreement, before or on the last day of the initial term or automatic renewal term.

The Investment and Capital Allocation Strategy

Investment Strategy

With respect to our own portfolio, the business objective is to provide attractive risk-adjusted total returns to our investors over the long term through a combination of capital appreciation and interest income. We intend to achieve this objective by investing in and strategically allocating capital between pass-through Agency MBS and structured Agency MBS. We seek to generate income from (i) the net interest margin on the leveraged pass-through Agency MBS portfolio and the leveraged portion of the structured Agency MBS portfolio, and (ii) the interest income we generate from the unleveraged portion of the structured Agency MBS portfolio. We also seek to minimize the volatility of both the net asset value of, and income from, the portfolio through a process which emphasizes capital allocation, asset selection, liquidity and active interest rate risk management. In addition, we also hold an investment, and earn dividends, on Orchid common stock.

We fund the pass-through Agency MBS and certain of the structured Agency MBS through repurchase agreements. However, we generally do not employ leverage on the structured Agency MBS that have no principal balance, such as IOs and IIOs, because these securities contain structural leverage. We may pledge a portion of these assets to increase the cash balance, but we do not intend to invest the cash derived from pledging the assets.

The target asset categories and principal assets in which we intend to invest are as follows:

Pass-through Agency MBS

We invest in pass-through securities, which are securities secured by residential real property in which payments of both interest and principal on the securities are generally made monthly. In effect, these securities pass through the monthly payments made by the individual borrowers on the mortgage loans that underlie the securities, net of fees paid to the loan servicer and the guarantor of the securities. Pass-through certificates can be divided into various categories based on the characteristics of the underlying mortgage term or whether the interest rate is fixed or variable.

The payment of principal and interest on mortgage pass-through securities issued by Ginnie Mae, but not the market value, is guaranteed by the full faith and credit of the federal government. Payment of principal and interest on mortgage pass-through certificates issued by Fannie Mae and Freddie Mac, but not the market value, is guaranteed by the respective agency issuing the security.

A key feature of most mortgage loans is the ability of the borrower to repay principal earlier than scheduled. This is called a prepayment. Prepayments arise primarily due to sale of the underlying property, refinancing, foreclosure or accelerated amortization by the borrower. Prepayments result in a return of principal to pass-through certificate holders. This may result in a lower or higher rate of return upon reinvestment of principal. This is generally referred to as prepayment uncertainty. If a security purchased at a premium prepays at a higher-than-expected rate, then the value of the premium would be eroded at a faster-than-expected rate. Similarly, if a discount mortgage prepays at a lower-than-expected rate, the amortization towards par would be accumulated at a slower-than-expected rate. The possibility of these undesirable effects is sometimes referred to as “prepayment risk.”

In general, declining interest rates tend to increase prepayments, and rising interest rates tend to slow prepayments. Like other fixed income securities, when interest rates rise, the value of Agency MBS generally declines. The rate of prepayments on underlying mortgages will affect the price and volatility of Agency MBS and may shorten or extend the effective maturity of the security beyond what was anticipated at the time of purchase. If interest rates rise, our holdings of Agency MBS may experience reduced spreads over funding costs if the borrowers of the underlying mortgages pay off their mortgages later than anticipated. This is generally referred to as “prepayment extension” risk.

The mortgage loans underlying pass-through certificates can generally be classified into the following categories:

- **Fixed-Rate Mortgages** Fixed-rate mortgages are those where the borrower pays an interest rate that is constant throughout the term of the loan. Traditionally, most fixed-rate mortgages have an original term of 30 years. However, shorter terms (referred to as “final maturity dates”) are also common. Because the interest rate on the loan never changes, even when market interest rates change, there can be a divergence between the interest rate on the loan and current market interest rates over time. This in turn can make fixed-rate mortgages price-sensitive to market fluctuations in interest rates. In general, the longer the remaining term on the mortgage loan, the greater the price sensitivity to movements in interest rates and, therefore, the likelihood for greater price variability.
- **ARMs** ARMs are mortgages for which the borrower pays an interest rate that varies over the term of the loan. The interest rate usually resets based on market interest rates, although the adjustment of such an interest rate may be subject to certain limitations. Traditionally, interest rate resets occur at regular intervals (for example, once per year). We refer to such a “fixed-rate” ARM. Because the interest rates on ARMs fluctuate based on market conditions, ARMs tend to have interest rates that do not deviate from current market rates by a large amount. This in turn can mean that ARMs have less price sensitivity to interest rates and, consequently, are less likely to experience significant price volatility.
- **Hybrid Adjustable-Rate Mortgages** Hybrid ARMs have a fixed-rate for the first few years of the loan, often three, five, or ten years, and thereafter reset periodically like a traditional ARM. Effectively, such mortgages are hybrids, combining the features of a pure fixed-rate mortgage and a traditional ARM. Hybrid ARMs have price sensitivity to interest rates similar to that of a fixed-rate mortgage during the period when the interest rate is fixed and similar to that of an ARM when the interest rate resets in its periodic reset stage. However, because many hybrid ARMs are structured with a relatively short initial time period during which the interest rate is fixed, even during that segment of its existence, the price sensitivity may be high.

Collateralized Mortgage Obligation MBS

CMOs are a type of MBS the principal and interest of which are paid, in most cases, on a monthly basis. CMOs may be collateralized by mortgage loans, but are more typically collateralized by pools of mortgage pass-through securities issued directly by or under the auspices of Ginnie Mae, Freddie Mac or Fannie Mae. CMOs are structured into multiple classes, with each class bearing a different maturity. Monthly payments of principal, including prepayments, are first returned to investors holding the shortest maturity. Investors holding the longer maturity classes receive principal only after the first class has been retired. Generally, fixed-rate MBS are used to collateralize CMOs. However, the CMO tranches need not all have fixed-rate coupons. Some CMO tranches have floating rate coupons that adjust based on market interest rates, subject to some limitations. Such tranches, often called “CMO floaters,” can have relatively low price sensitivity to interest rates.

Structured Agency MBS

We also invest in structured Agency MBS, which include CMOs, IOs, IIOs and POs. The payment of principal and interest, as appropriate, on structured Agency MBS issued by Ginnie Mae, but not the market value, is guaranteed by the full faith and credit of the federal government. Payment of principal and interest, as appropriate, on structured Agency MBS issued by Fannie Mae and Freddie Mac, but not the market value, is guaranteed by the respective agency issuing the security. The types of structured Agency MBS which we invest are described below.

- **IOs** IOs represent the stream of interest payments on a pool of mortgages, either fixed-rate mortgages or hybrid ARMs. Holders of IOs have no claim to any principal payments. The value of IOs depends primarily on two factors, which are prepayments and interest rates. Prepayments on the underlying pool of mortgages reduce the stream of interest payments going forward, hence IOs are highly sensitive to prepayment rates. IOs are also sensitive to changes in interest rates. An increase in interest rates reduces the present value of future interest payments on a pool of mortgages. On the other hand, an increase in interest rates has a tendency to reduce prepayments, which increases the expected absolute amount of future interest payments.
- **IIOs** IIOs represent the stream of interest payments on a pool of mortgages that underlie MBS, either fixed-rate mortgages or hybrid ARMs. Holders of IIOs have no claim to any principal payments. The value of IIOs depends primarily on three factors,

which are prepayments, coupon interest rate (i.e. "LIBOR"), and term interest rates. Prepayments on the underlying pool of mortgages reduce the stream of interest payments, making IIOs highly sensitive to prepayment rates. The coupon on IIOs is derived from both the coupon interest rate on the underlying pool of mortgages and 30-day LIBOR. IIOs are typically created in conjunction with a floating rate CMO that has a principal balance and which is entitled to receive all of the principal payments on the underlying pool of mortgages. The coupon on the floating rate CMO is also based on 30-day LIBOR. Typically, the coupon on the floating rate CMO and the IIO, when combined, equal the coupon on the pool of underlying mortgages. The coupon on the pool of underlying mortgages typically represents a cap or ceiling on the combined coupon on the floating rate CMO and the IIO. Accordingly, when the value of 30-day LIBOR increases, the coupon of the floating CMO will increase and the coupon on the IIO will decrease. When the value of 30-day LIBOR falls, the opposite is true. Accordingly, the value of IIOs are sensitive to the level of 30-day LIBOR and expectations by market participants of movements in the level of 30-day LIBOR. IIOs are also sensitive to changes in interest rates. An increase in interest rates reduces the present value of future interest payments on a pool of mortgages. On the other hand, an increase in interest rates has a tendency to reduce prepayments, which increases the expected absolute amount of future interest payments.

- **POs.** POs represent the stream of principal payments on a pool of mortgages. Holders of POs have no claim to any interest payments, although the ultimate amount of principal to be received over time is known, equaling the principal balance of the underlying pool of mortgages. The timing of the receipt of the principal payments is not known. The value of POs depends on two factors, which are prepayments and interest rates. Prepayments on the underlying pool of mortgages accelerate the stream of principal repayments, making POs highly sensitive to the rate at which the mortgages in the pool are repaid. POs are also sensitive to changes in interest rates. An increase in interest rates reduces the present value of future principal payments on a pool of mortgages. Further, an increase in interest rates has a tendency to reduce prepayments, which decelerates, or pushes further out in time, the ultimate receipt of the principal payments. The opposite is true when interest rates decline.

Mortgage REIT Common Stock

We also maintain an investment in the common stock of Orchid. Because Orchid is a mortgage REIT that invests primarily in assets similar to those in which the Company invests, we consider this investment as a proxy for our overall investment strategy. We do not currently invest in other REIT common stock, but subject to certain limitations we are not prohibited from doing so in the future.

Our investment strategy consists of the following components:

- investing in pass-through Agency MBS and certain structured Agency MBS on a leveraged basis to increase returns on the capital allocated to this portfolio;
- investing in certain structured Agency MBS, such as IOs and IIOs, generally on an unleveraged basis in order to (i) increase return due to the structural leverage contained in such securities, (ii) enhance liquidity due to the fact that these securities will be unencumbered or, when encumbered, the cash from such borrowings may be retained and (iii) diversify portfolio interest risk due to the different interest rate sensitivity these securities have compared to pass-through Agency MBS;
- investing in Agency MBS in order to minimize credit risk;
- investing in REIT common stock, including Orchid;
- investing in assets that will cause us to maintain our exclusion from regulation as an investment company under the Investment Company Act.

Our management team makes investment decisions based on various factors, including, but not limited to, relative value, expected cash yield, supply and demand, costs of hedging, costs of financing, liquidity requirements, expected future interest rate volatility and the overall shape of the U.S. Treasury and interest rate swap yield curves. We do not attribute any particular quantitative significance to these factors, and the weight we give to these factors depends on market conditions and economic trends.

Over time, we will modify our investment strategy as market conditions change to seek to maximize the returns from our portfolios. We believe that this strategy will enable us to provide attractive long-term returns to our stockholders.

Capital Allocation Strategy

The percentage of capital invested in each of our asset categories will vary and will be managed in an effort to maintain the level of income generated by the combined portfolios, the stability of that income stream and the stability of the value of the combined portfolios. Typically, pass-through Agency MBS and structured Agency MBS exhibit materially different sensitivities to interest rates. Declines in the value of one portfolio may be offset by appreciation in the other, although we cannot assure you that this will be the case. Additionally, we will seek to maintain adequate liquidity as we allocate capital. The value of our investment in common stock typically fluctuates with Orchid's book value, which is affected by the same factors that affect our MBS investments,

We allocate our capital to assist our interest rate risk management efforts. The unleveraged portfolio does not require cash or cash equivalents to be maintained in anticipation of possible margin calls. To the extent more capital is deployed in the unleveraged portfolio, our liquidity needs will generally be less.

During periods of rising interest rates, refinancing opportunities available to borrowers typically decrease because borrowers are not able to refinance their current mortgage loans with new mortgage loans at lower interest rates. In such instances, securities that are highly sensitive to refinancing activity, such as IOs and IIOs, typically increase in value. Our capital allocation strategy allows us to re-deploy our capital into such securities when and if we believe interest rates will be higher in the future, thereby allowing us to hold securities the value of which we believe is likely to increase as interest rates rise. Also, by being able to re-allocate capital into structured Agency MBS, such as IOs, during periods of rising interest rates, we may be able to offset the likely decline in the value of pass-through Agency MBS, which are negatively impacted by rising interest rates.

Financing Strategy

We borrow against our pass-through Agency MBS and certain of our structured Agency MBS using short-term repurchase agreements. A repurchase (or "repo") agreement transaction acts as a financing arrangement under which we effectively pledge our investment securities as collateral to secure a loan. Our borrowings through repurchase transactions are generally short-term and have maturities from one day to one year but may have maturities up to five or more years. Our financing rates are typically impacted by the U.S. Federal Funds rate and other short-term benchmark rates and liquidity in the Agency MBS repo and other short-term funding markets. The terms of our master repurchase agreements generally conform to the terms in the standard master repurchase agreement as published by the Securities Industry and Financial Markets Association ("SIFMA") as to repayment, margin requirements and the segregation of all securities sold under the repurchase transaction. In addition, each lender may require that we include supplemental terms and conditions to the standard master repurchase agreement to address such matters as additional margin maintenance requirements, cross default and other provisions. The specific provisions may differ for each lender and certain terms may be determined until we engage in individual repurchase transactions.

We may use other sources of leverage, such as secured or unsecured debt or issuances of preferred stock. We do not have a policy limiting the amount of leverage we may incur. However, we generally expect that the ratio of our total liabilities compared to our equity, which we refer to as our leverage ratio, will not exceed 12 to 1 and will generally be less than 10 to 1. Our amount of leverage depends on market conditions and other factors that we deem relevant.

We allocate our capital between two sub-portfolios. The pass-through Agency MBS portfolio will be leveraged generally through repurchase agreement funding. The structured Agency MBS portfolio generally will not be leveraged. The leverage ratio is calculated by dividing our total liabilities by total stockholders' equity at the end of each period. The amount of leverage typically will be a function of the capital allocated to the pass-through Agency MBS portfolio and the amount of haircuts required by our lenders on our borrowings. When the capital allocation to the pass-through Agency MBS portfolio is high, we expect that the leverage ratio will be high.

because more capital is being explicitly leveraged and less capital is un-leveraged. If the haircuts required by our lenders on our borrowings are higher, all else being equal, our leverage will be lower because our lenders will lend less against the value of the capital applied to the pass-through Agency MBS portfolio. The allocation of capital between the two portfolios will be a function of several factors:

- The relative durations of the respective portfolios — We generally seek to have a combined hedged duration at or near zero. If pass-through securities have a longer duration, we will allocate more capital to the structured security portfolio or hedge to achieve a combined duration close to zero.
- The relative attractiveness of pass-through securities versus structured securities — To the extent we believe the expected returns of one type of security are higher than the other, we will allocate more capital to the more attractive securities, subject to the caveat that its combined duration remains at or near zero and subject to maintaining our qualification for exemption under the Investment Company Act.
- Liquidity — We seek to maintain adequate cash and unencumbered securities relative to our repurchase agreement borrowings well in excess of anticipated price or prepayment related margin calls from our lenders. To the extent we feel price or prepayment related margin calls will be higher/lower, we will typically allocate less/more capital to the pass-through Agency MBS portfolio. Our pass-through Agency MBS portfolio likely will be our only source of price or prepayment related margin calls because we generally will not apply leverage to our structured Agency MBS portfolio. From time to time we may pledge some of our structured securities and retain the cash derived so it can be used to enhance our liquidity.

Risk Management

We invest in Agency MBS and Orchid common stock to mitigate credit risk. Additionally, our Agency MBS, as well as Orchid's, are backed by a diversified base of mortgage loans to mitigate geographic, loan originator and other types of concentration risks.

Interest Rate Risk Management

We believe that the risk of adverse interest rate movements represents the most significant risk to the value of our portfolio. This risk arises because (i) the interest rate indices used to calculate the interest rates on the mortgages underlying our assets may be different from the interest rate indices used to calculate the interest rates on the related borrowings, and (ii) interest rate movements affecting our borrowings may not be reasonably correlated with interest rate movements affecting our assets. We attempt to mitigate our interest rate risk by using the techniques described below:

Agency MBS Backed by ARMs We seek to minimize the differences between interest rate indices and interest rate adjustment of our Agency MBS backed by ARMs and related borrowings. At the time of funding, we typically align (i) the underlying interest rate used to calculate interest rates for our Agency MBS backed by ARMs and the related borrowings and (ii) the interest rate adjustment periods for our Agency MBS backed by ARMs and the interest rate adjustment periods for our related borrowings. As our borrowings mature or are renewed, we may adjust the index used to calculate interest expense, the duration of the reset periods and the maturities of our borrowings.

Agency MBS Backed by Fixed-Rate Mortgages As interest rates rise, our borrowing costs increase; however, the income on our Agency MBS backed by fixed-rate mortgages remains unchanged. We may seek to limit increases to our borrowing costs through the use of interest rate swap or cap agreements, options, put or call agreements, futures contracts, forward rate agreements or similar financial instruments to economically convert our floating-rate borrowings into fixed-rate borrowings.

Agency MBS Backed by Hybrid ARMs During the fixed-rate period of our Agency MBS backed by hybrid ARMs, the security is to Agency MBS backed by fixed-rate mortgages. During this period, we may employ the same hedging strategy that we employ for Agency MBS backed by fixed-rate mortgages. Once our Agency MBS backed by hybrid ARMs convert to floating rate securities, we may employ the same hedging strategy as we employ for our Agency MBS backed by ARMs.

Derivative Instruments We may enter into derivative instruments to economically hedge against the possibility that rising rates may adversely impact the cost of our repurchase agreement liabilities. The principal instruments that the Company has used to date are Eurodollar, Fed Funds and Treasury Note (“T-Note”) futures contracts and options to enter into interest rate swaps (“interest rate swaptions”) and “to-be-announced” (“TBA”) securities transactions, but we may enter into other derivatives in the future.

A futures contract is a legally binding agreement to buy or sell a financial instrument in a designated future month at a price agreed upon at the initiation of the contract by the buyer and seller. A futures contract differs from an option in that an option gives one of the counterparties a right, but not the obligation, to buy or sell, while a futures contract represents an obligation of both counterparties to buy or sell a financial instrument at a specified price.

Interest rate swaptions provide us the option to enter into an interest rate swap agreement for a predetermined notional amount, term and pay and receive interest rates in the future. We may enter into swaption agreements that provide us the option to enter into a fixed rate interest rate swap (“payer swaption”), or swaption agreements that provide us the option to enter into a receive fixed rate swap (“receiver swaptions”).

Additionally, our structured Agency MBS generally exhibit sensitivities to movements in interest rates different than our pass-through MBS. To the extent they do so, our structured Agency MBS may protect us against declines in the market value of our combined portfolio that result from adverse interest rate movements, although we cannot assure you that this will be the case.

We account for TBA securities as derivative instruments. Gains and losses associated with TBA securities transactions are reported in *earnings* on derivative instruments in the accompanying consolidated statements of operations.

Prepayment Risk Management

The risk of mortgage prepayments is another significant risk to our portfolio. When prevailing interest rates fall below the coupon rate of mortgage, mortgage prepayments are likely to increase. Conversely, when prevailing interest rates increase above the coupon rate of mortgage, mortgage prepayments are likely to decrease.

When prepayment rates increase, we may not be able to reinvest the money received from prepayments at yields comparable to those of the securities prepaid. Additionally, some of our structured Agency MBS, such as IOs and IIOs, may be negatively affected by an increase in prepayment rates because their value is wholly contingent on the underlying mortgage loans having an outstanding principal balance.

A decrease in prepayment rates may also have an adverse effect on our portfolio. For example, if we invest in POs, the purchase price of such securities will be based, in part, on an assumed level of prepayments on the underlying mortgage loan. Because the returns on POs decrease the longer it takes the principal payments on the underlying loans to be paid, a decrease in prepayment rates could decrease our returns on these securities.

Prepayment risk also affects our hedging activities. When an Agency MBS backed by a fixed-rate mortgage or hybrid ARM is acquired with borrowings, we may cap or fix our borrowing costs for a period close to the anticipated average life of the fixed-rate portion of the Agency MBS. If prepayment rates are different than our projections, the term of the related hedging instrument may not match the fixed-rate portion of the security, which could cause us to incur losses.

Because our business may be adversely affected if prepayment rates are different than our projections, we seek to invest in MBS backed by mortgages with well-documented and predictable prepayment histories. To protect against increases in prepayment rates, we invest in Agency MBS backed by mortgages that we believe are less likely to be prepaid. For example, we invest in MBS backed by mortgages (i) with loan balances low enough such that a borrower would likely have little incentive to refinance, (ii)

extended to borrowers with credit histories weak enough to not be eligible to refinance their mortgage loans, (iii) that are newly originated fixed-rate or hybrid ARMs or (iv) that have interest rates low enough such that a borrower would likely have little incentive to refinance. To protect against decreases in prepayment rates, we may also invest in Agency MBS backed by mortgages with characteristics opposite to those described above, which would typically be more likely to be refinanced. We may also invest in certain types of structured Agency MBS as a means of mitigating our portfolio-wide prepayment risks. For example, certain tranches of CMOs are less sensitive to increases in prepayment rates, and we may invest in those tranches as a means of hedging against increases in prepayment rates.

Liquidity Management Strategy

Because of our use of leverage, we manage liquidity to meet our lenders' margin calls by maintaining cash balances or securities in excess of anticipated margin calls; and making margin calls on our lenders when we have an excess of collateral pledged against our borrowings.

We also attempt to minimize the number of margin calls we receive by:

- Deploying capital from our leveraged Agency MBS portfolio to our unleveraged Agency MBS portfolio;
- Investing in Agency MBS backed by mortgages that we believe are less likely to be prepaid to decrease the risk of excessive calls when monthly prepayments are announced. Prepayments are declared, and the market value of the related security declines, before the receipt of the related cash flows. Prepayment declarations give rise to a temporary collateral deficiency and generally result in margin calls by lenders;
- Investing in REIT common stock; and
- Reducing our overall amount of leverage.

To the extent we are unable to adequately manage our interest rate exposure and are subjected to substantial margin calls, we may be forced to sell assets at an inopportune time which in turn could impair our liquidity and reduce our borrowing capacity and book value.

Investment Company Act Exemption

We operate our business so that we are exempt from registration under the Investment Company Act. We rely on the exemption provided by Section 3(c)(5)(C) of the Investment Company Act, which applies to companies in the business of purchasing or otherwise acquiring mortgages and other liens on, and interests in, real estate. In order to rely on the exemption provided by Section 3(c)(5)(C), we must maintain at least 55% of our assets in qualifying real estate assets. For the purposes of this test, structured Agency MBS are non-qualifying real estate assets. We monitor our portfolio periodically and prior to each investment to confirm that we continue to qualify for the exemption. To qualify for the exemption, we make investments so that at least 55% of the assets we own consist of qualifying mortgages and other liens on and interests in real estate, which we refer to as qualifying real estate assets, and so that at least 80% of the assets we own consist of real estate-related assets, including our qualifying real estate assets.

We treat whole-pool pass-through Agency MBS as qualifying real estate assets based on no-action letters issued by the staff of the SEC. In August 2011, the SEC, through a concept release, requested comments on interpretations of Section 3(c)(5)(C). To the extent the SEC or its staff publishes new or different guidance with respect to these matters, we may fail to qualify for this exemption. We manage our pass-through Agency MBS portfolio such that we have sufficient whole-pool pass-through Agency MBS to ensure we maintain our exemption from registration under the Investment Company Act. At present, we generally do not expect that our investments in structured Agency MBS will constitute qualifying real estate assets, but will constitute real estate-related assets for purposes of the Investment Company Act.

Employees and Human Capital Resources

As of December 31, 2021, we had 8 full-time salaried employees, none of whom are subject to a collective bargaining agreement. We provide a variety of benefit programs including a 401(k) plan and health, dental and other insurance. We believe our relationship with our employees is excellent.

Competition

Our net income depends on our ability to acquire Agency MBS for our portfolio at favorable spreads over our borrowing costs. Our net income also depends on our ability to execute the same investment strategy for the Orchid portfolio, for which we receive management expense reimbursement payments. When we invest in Agency MBS and other investment assets, we compete with a variety of institutional investors, including mortgage REITs, insurance companies, mutual funds, pension funds, investment banking firms and other financial institutions that invest in the same types of assets, the Federal Reserve Bank and other governmental entities and government sponsored entities. Many of these investors have greater financial resources and access to lower costs of capital than we do. The existence of these competitive entities, as well as the possibility of additional entities forming in the future, may increase competition for the acquisition of mortgage related securities, resulting in higher prices and lower yields on assets.

Available Information

Our investor relations website <https://ir.biminicapital.com> We make available on the website under "Financials/SEC filings," free of charge, our annual report on Form 10-K, our quarterly reports on Form 10-Q, our current reports on Form 8-K and any other (including any amendments to such reports) as soon as reasonably practicable after we electronically file or furnish such materials to the SEC. Information on our website, however, is not part of this Report. In addition, all of our filed reports can be obtained at the SEC's website at <http://www.sec.gov>.

ITEM 1A. RISK FACTORS.

Summary of Risk Factors

Below is a summary of the principal factors that make an investment in our common stock speculative or risky. This summary not does not depress all of the risks that we face. Additional discussion of the risks summarized in this risk factor summary, and other risks that we face, can be found below under the heading "Risk Factors" and should be carefully considered, together with other information in our other filings with the SEC, before making an investment decision regarding our common stock.

- Increases in interest rates may negatively affect the value of our investments and increase the cost of our borrowings, which could result in reduced earnings or losses.
- An increase in interest rates may also cause a decrease in the volume of newly issued, or investor demand for, Agency MBS, which could materially adversely affect our ability to acquire assets that satisfy our investment objectives and our business, financial condition and results of operations.
- Interest rate mismatches between our Agency MBS and our borrowings may reduce our net interest margin during periods of changing interest rates, which could materially adversely affect our business, financial condition and results of operations.
- Although structured Agency MBS are generally subject to the same risks as our pass-through Agency MBS, certain types of risks may be enhanced depending on the type of structured Agency MBS in which we invest.
- Differences in the stated maturity of our fixed rate assets, or in the timing of interest rate adjustments on our adjustable-rate assets, and our borrowings may adversely affect our profitability.
- New laws may be passed affecting the relationship between Fannie Mae and Freddie Mac, on the one hand, and the federal government, on the other, which could adversely affect the price of, or our ability to invest in and finance Agency MBS.
- Purchases and sales of Agency MBS by the Fed may adversely affect the price and return associated with Agency MBS
- Changes in the levels of prepayments on the mortgages underlying our Agency MBS might decrease net interest income or result in a net loss, which could materially adversely affect our business, financial condition and results of operations.
- Interest rate caps on the ARMs and hybrid ARMs backing our Agency MBS may reduce our net interest margin during periods of rising interest rates, which could materially adversely affect our business, financial condition and results of operations.
- Failure to procure adequate repurchase agreement financing, or to renew or replace existing repurchase agreement financing arrangements, could materially adversely affect our business, financial condition and results of operations.
- Adverse market developments could cause our lenders to require us to pledge additional assets as collateral. If our assets were insufficient to meet these collateral requirements, we might be compelled to liquidate particular assets at inopportune times and at unfavorable prices, which could materially adversely affect our business, financial condition and results of operations and our ability to pay distributions to our stockholders.
- Hedging against interest rate exposure may not completely insulate us from interest rate risk and could materially adversely affect our business, financial condition and results of operations.
- Our use of leverage could materially adversely affect our business, financial condition and results of operations.
- We rely on analytical models and other data to analyze potential asset acquisition and disposition opportunities and to manage our portfolio. Such models and other data may be incorrect, misleading or incomplete, which could cause us to purchase assets that do not meet our expectations or to make asset management decisions that are not in line with our strategy.
- Valuations of some of our assets are inherently uncertain, may be based on estimates, may fluctuate over short periods of time and may differ from the values that would have been used if a ready market for these assets existed. As a result, the values of some of our assets are uncertain.
- If our lenders default on their obligations to resell the Agency MBS back to us at the end of the repurchase transaction term, the value of the Agency MBS has declined by the end of the repurchase transaction term or if we default on our obligations under the repurchase transaction, we will lose money on these transactions, which, in turn, may materially adversely affect our business, financial condition and results of operations.
- We have issued long-term debt to fund our operations which can increase the volatility of our earnings and stockholders' equity.

- Clearing facilities or exchanges upon which some of our hedging instruments are traded may increase margin requirements on hedging instruments in the event of adverse economic developments.
- We depend primarily on two individuals to operate our business, and the loss of one or both of such persons could materially adversely affect our business, financial condition and results of operations.
- We may change our investment strategy, investment guidelines and asset allocation without notice or stockholder consent, which may result in riskier investments.
- Loss of our exemption from regulation under the Investment Company Act would negatively affect the value of shares of our common stock.
- Failure to obtain and maintain an exemption from being regulated as a commodity pool operator could subject us to additional regulation and compliance requirements and may result in fines and other penalties which could materially adversely affect our business and financial condition.
- Our ownership limitations and certain other provisions of applicable law and our charter and bylaws may restrict business combination opportunities that would otherwise be favorable to our stockholders.
- The termination of our management agreement with Orchid could significantly reduce our revenues.
- We cannot predict the effect that government policies, laws and plans adopted in response to the COVID-19 pandemic and the global recessionary economic conditions will have on us.
- Our investment in Orchid Island Capital, Inc. or other mortgage REIT common stock may fluctuate in value which may materially adversely affect our business, financial condition and results of operations.

Risk Factors

You should carefully consider the risks described below and all other information contained in this Report, including our consolidated financial statements and related notes thereto, before making an investment decision regarding our common stock. Our business, financial condition or results of operations could be harmed by any of these risks. Similarly, these risks could cause the market price of our common stock to decline and you might lose all or part of your investment. Our forward-looking statements in this Report are subject to the following risks and uncertainties. Our actual results could differ materially from those anticipated by our forward-looking statements as a result of the risk factors below.

Risks Related to Our Business

Increases in interest rates may negatively affect the value of our investments and increase the cost of our borrowings, which result in reduced earnings or losses.

Under normal market conditions, an investment in Agency MBS will decline in value if interest rates increase. In addition, net interest income could decrease if the yield curve becomes inverted or flat. While Fannie Mae, Freddie Mac or Ginnie Mae guarantee principal and interest payments related to the Agency MBS we own, this guarantee does not protect us from declines in market value caused by changes in interest rates. Declines in the market value of our investments may ultimately result in losses to us, which reduce earnings and cash available to fund our operations.

Significant increases in both long-term and short-term interest rates pose a substantial risk associated with our investment in Agency MBS. If long-term rates were to increase significantly, the market value of our Agency MBS would decline, and the duration-weighted average life of the investments would increase. We could realize a loss if the securities were sold. At the same time, an increase in short-term interest rates would increase the amount of interest owed on our repurchase agreements used to finance the purchase of Agency MBS, which would decrease cash. Using this business model, we are particularly susceptible to the effects of an inverted yield curve, where short-term rates are higher than long-term rates. Although rare in a historical context, the U.S. and countries in Europe have experienced inverted yield curves. Given the volatile nature of the U.S. economy and potential future increases in short-term interest rates, there can be no guarantee that the yield curve will not become and/or remain inverted. If this occurs, it could result in a decline in the value of our Agency MBS, our business, financial position and results of operations.

An increase in interest rates may also cause a decrease in the volume of newly issued, or investor demand for, Agency MBS, which could materially adversely affect our ability to acquire assets that satisfy our investment objectives and our business, financial condition and results of operations.

Rising interest rates generally reduce the demand for consumer credit, including mortgage loans, due to the higher cost of borrowing. A reduction in the volume of mortgage loans may affect the volume of Agency MBS available to us, which could affect our ability to acquire assets that satisfy our investment objectives. Rising interest rates may also cause Agency MBS that were issued prior to an interest rate increase to provide yields that exceed prevailing market interest rates. If rising interest rates cause us to be unable to acquire a sufficient volume of Agency MBS or Agency MBS with a yield that exceeds our borrowing costs, our ability to satisfy our investment objectives and to generate income, our business, financial condition and results of operations.

Interest rate mismatches between our Agency MBS and our borrowings may reduce our net interest margin during periods of changing interest rates, which could materially adversely affect our business, financial condition and results of operations.

Our portfolio includes Agency MBS backed by ARMs, hybrid ARMs and fixed-rate mortgages, and the mix of these securities in the portfolio may be increased or decreased over time. Additionally, the interest rates on ARMs and hybrid ARMs may vary over time based on changes in a short-term interest rate index, of which there are many.

We finance our acquisitions of pass-through Agency MBS with short-term financing. During periods of rising short-term interest rates, the net income we earn on these securities will not change (with respect to Agency MBS backed by fixed-rate mortgage loans) or will increase at the same rate (with respect to Agency MBS backed by ARMs and hybrid ARMs) as our related financing costs, which will reduce our net interest margin or result in losses.

We invest in structured Agency MBS, including IOs, IIOs and POs. Although structured Agency MBS are generally subject to the same risks as our pass-through Agency MBS, certain types of risks may be enhanced depending on the type of structured Agency MBS in which we invest.

The structured Agency MBS in which we invest are securitizations (i) issued by Fannie Mae, Freddie Mac or Ginnie Mae, (ii) collateralized by Agency MBS and (iii) divided into various tranches that have different characteristics (such as different interest rates or coupon payments). These securities may carry greater risk than an investment in pass-through Agency MBS. For example, certain types of structured Agency MBS, such as IOs, IIOs and POs, are more sensitive to prepayment risks than pass-through Agency MBS. If we were to invest in structured Agency MBS that were more sensitive to prepayment risks relative to other types of Agency MBS or pass-through Agency MBS, we may increase our portfolio-wide prepayment risk.

Differences in the stated maturity of our fixed rate assets, or in the timing of interest rate adjustments on our adjustable-rate assets, and our borrowings may adversely affect our profitability.

We rely primarily on short-term and/or variable rate borrowings to acquire fixed-rate securities with long-term maturities. In addition, we may have adjustable rate assets with interest rates that vary over time based upon changes in an objective index, such as LIBOR, the U.S. Treasury rate or the Secured Overnight Financing Rate ("SOFR"). These indices generally reflect short-term interest rates but these assets may not reset in a manner that matches our borrowings.

The relationship between short-term and longer-term interest rates is often referred to as the "yield curve." Ordinarily, short-term interest rates are lower than longer-term interest rates. If short-term interest rates rise disproportionately relative to longer-term interest rates (a "flattening" of the yield curve), our borrowing costs may increase more rapidly than the interest income earned on our investments. Because our investments generally bear interest at longer-term rates than we pay on our borrowings, a flattening of the yield curve would tend to decrease our net interest income and the market value of our investment portfolio. Additionally, to the extent cash flows

from investments that return scheduled and unscheduled principal are reinvested, the spread between the yields on the new investments and available borrowing rates may decline, which would likely decrease our net income. It is also possible that short-term interest rates may exceed longer-term interest rates (a yield curve "inversion"), in which event, our borrowing costs may exceed our interest income and result in operating losses.

The implementation of the Single Security Initiative may adversely affect our results and financial condition.

The Single Security Initiative is a joint initiative of Fannie Mae and Freddie Mac (the "Enterprises"), under the direction of FHFA, the Enterprises' regulator and conservator, to develop a common, single mortgage-backed security issued by the Enterprises.

On June 3, 2019, with the implementation of Release 2 of the common securitization platform, Freddie Mac and Fannie Mae commenced use of a common, single mortgage-backed security, known as the Uniform Mortgage-Backed Security ("UMBS"). Fannie Mae pools are now eligible for conversion into UMBS pools and Freddie Mac pools can be exchanged for UMBS pools. The conversion is mandatory. UMBS is intended to enhance liquidity in the TBA market as the two GSEs' floats are combined, eliminating or reducing the market pricing subsidy that Freddie Mac currently provides to lenders to pool their loans with Freddie Mac instead of Fannie Mae, and pave the way for future GSE reform by allowing new entrants to enter the MBS guarantee market.

The current float of Gold Participation Certificates ("Gold PCs") issued by Freddie Mac is materially smaller than the float of Fannie Mae securities. To the extent Gold PCs are converted into UMBS, the float will contract further. A further decline could impact the liquidity of Gold PCs not converted into UMBS. Secondly, the TBA deliverable has appeared to deteriorate as the Fannie Mae and Freddie Mac pools with the worst prepayment characteristics are delivered into new TBA securities, concentrating the poorest quality in the TBA deliverable, which has negatively impacted their performance. To the extent investors recognize the relative performance of Fannie Mae or Freddie Mac pools over the other, they may stipulate that they only wish to be delivered TBA securities with the better performing GSE. By bifurcating the TBA deliverable, liquidity in the TBA market could be negatively impacted.

Our liquidity is typically reduced each month when we receive margin calls related to factor changes, and typically increased each month when we receive payment of principal and interest on Fannie Mae and Freddie Mac securities. Legacy Freddie Mac securities pay principal and interest earlier in the month than Fannie Mae and UMBS, meaning that legacy Freddie Mac positions reduce the period of time between meeting factor-related margin calls and receiving principal and interest. The percentage of legacy Freddie Mac positions in the market and in our portfolio will likely decrease over time as those securities are converted to UMBS and paid off.

Purchases and sales of Agency MBS by the Fed may adversely affect the price and return associated with Agency MBS.

The Fed owned approximately \$2.6 trillion of Agency MBS as of December 31, 2021. Although the Fed's Agency RMBS holdings nearly doubled as a result of its COVID-19 policy response, growing from \$1.4 trillion in March of 2020 to \$2.6 trillion in December, the minutes of the FOMC meeting in December of 2021 indicate that the Fed likely intends to begin reducing its Agency RMBS holdings shortly after it begins to raise the federal funds rate. On January 26, 2022, the FOMC reaffirmed its intention to phase out its asset purchases by early March of 2022 and indicated that it would soon be appropriate to begin raising the federal funds rate. While it is very difficult to predict the impact of the Fed portfolio runoff on the prices and liquidity of Agency MBS, returns on Agency MBS may be adversely affected.

Increased levels of prepayments on the mortgages underlying our Agency MBS might decrease net interest income or result in a net loss, which could materially adversely affect our business, financial condition and results of operations.

In the case of residential mortgages, there are seldom any restrictions on borrowers' ability to prepay their loans. Prepayment rates generally increase when interest rates fall and decrease when interest rates rise. Prepayment rates also may be affected by other factors, including, without limitation, conditions in the housing and financial markets, governmental action, general economic conditions and relative interest rates on ARMs, hybrid ARMs and fixed-rate mortgage loans. With respect to pass-through Agency MBS,

faster-than-expected prepayments could also materially adversely affect our business, financial condition and results of operations in various ways, including, if we are unable to quickly acquire new Agency MBS that generate comparable returns to replace the Agency MBS.

When we acquire structured Agency MBS, we anticipate that the underlying mortgages will prepay at a projected rate, an expected yield. When the prepayment rates on the mortgages underlying our structured Agency MBS are higher than expected, returns on those securities may be materially adversely affected. For example, the value of our IOs and IIOs are extremely sensitive to prepayments because holders of these securities do not have the right to receive any principal payments on the underlying mortgages. If the mortgage loans underlying our IOs and IIOs are prepaid, such securities would cease to have any value, which, in turn, could materially adversely affect our business, financial condition and results of operations.

While we seek to minimize prepayment risk, we must balance prepayment risk against other risks and the potential returns of each investment. No strategy can completely insulate us from prepayment or other such risks.

A decrease in prepayment rates on the mortgages underlying our Agency MBS might decrease net interest income or result in net loss, which could materially adversely affect our business, financial condition and results of operations.

Certain of our structured Agency MBS may be adversely affected by a decrease in prepayment rates. For example, because some are similar to zero-coupon bonds, our expected returns on such securities will be contingent on our receiving the principal payments on the underlying mortgage loans at expected intervals that assume a certain prepayment rate. If prepayment rates are lower than expected, we will not receive principal payments as quickly as we anticipated and, therefore, our expected returns on these securities will be adversely affected, which, in turn, could materially adversely affect our business, financial condition and results of operations.

While we seek to minimize prepayment risk, we must balance prepayment risk against other risks and the potential returns of each investment. No strategy can completely insulate us from prepayment or other such risks.

Interest rate caps on the ARMs and hybrid ARMs backing our Agency MBS may reduce our net interest margin during periods of rising interest rates, which could materially adversely affect our business, financial condition and results of operations.

ARMs and hybrid ARMs are typically subject to periodic and lifetime interest rate caps. Periodic interest rate caps limit the amount an interest rate can increase during any given period. Lifetime interest rate caps limit the amount an interest rate can increase throughout the term of the loan. Our borrowings typically are not subject to similar restrictions. Accordingly, in a period of rapidly increasing interest rates, our financing costs could increase without limitation while caps could limit the interest we earn on the ARMs and hybrid ARMs backing our Agency MBS. This problem is magnified for ARMs and hybrid ARMs that are not fully indexed because such periodic interest rate caps prevent the coupon on the security from fully reaching the specified rate in one reset. Further, some ARMs and hybrid ARMs may be subject to periodic payment caps that result in a portion of the interest being deferred and added to the principal outstanding. As a result, we may receive less cash income on Agency MBS backed by ARMs and hybrid ARMs than necessary to pay interest on our related borrowings. Interest rate caps on Agency MBS backed by ARMs and hybrid ARMs could reduce our net interest margin if interest rates were to increase beyond the level of the caps, which could materially adversely affect our business, financial condition and results of operations.

Failure to procure adequate repurchase agreement financing, or to renew or replace existing repurchase agreement financing as it matures, could materially adversely affect our business, financial condition and results of operations.

We intend to maintain master repurchase agreements with several counterparties. We cannot assure you that any, or sufficient, repurchase agreement financing will be available to us in the future on terms that are acceptable to us. Any decline in the value of Agency MBS, or perceived market uncertainty about their value, would make it more difficult for us to obtain financing on favorable terms at all, or maintain our compliance with the terms of any financing arrangements already in place. We may be unable to

diversify the credit risk associated with our lenders. In the event that we cannot obtain sufficient funding on acceptable terms, our business, financial condition and results of operations may be adversely affected.

Furthermore, because we intend to rely primarily on short-term borrowings to fund our acquisition of Agency MBS, our ability to achieve our investment objectives will depend not only on our ability to borrow money in sufficient amounts and on favorable terms, but also on our ability to renew or replace on a continuous basis our maturing short-term borrowings. If we are not able to renew or replace maturing borrowings, we will have to sell some or all of our assets, possibly under adverse market conditions. In addition, if the regulatory capital requirements imposed on our lenders change, they may be required to significantly increase the cost of the financing they provide to us. Our lenders also may revise their eligibility requirements for the types of assets they are willing to finance on the terms of such financings, based on, among other factors, the regulatory environment and their management of perceived risk.

Adverse market developments could cause our lenders to require us to pledge additional assets as collateral. If our assets are insufficient to meet these collateral requirements, we might be compelled to liquidate particular assets at inopportune times and at unfavorable prices, which could materially adversely affect our business, financial condition and results of operations.

Adverse market developments, including a sharp or prolonged rise in interest rates, a change in prepayment rates or increasing market concern about the value or liquidity of one or more types of Agency MBS, might reduce the market value of our portfolio, which could cause our lenders to initiate margin calls. A margin call means that the lender requires us to pledge additional collateral to establish the ratio of the value of the collateral to the amount of the borrowing. The specific collateral value to borrowing ratio that would trigger a margin call is not set in the master repurchase agreements and not determined until we engage in a repurchase transaction under these agreements. Our fixed-rate Agency MBS generally are more susceptible to margin calls as increases in interest rates tend to more negatively affect the market value of fixed-rate securities. If we are unable to satisfy margin calls, our lenders may foreclose on our collateral. The threat or occurrence of a margin call could force us to sell, either directly or through a foreclosure, our Agency MBS under adverse market conditions. Because of the significant leverage we expect to have, we may suffer substantial losses upon the threat or occurrence of a margin call, which could materially adversely affect our business, financial condition and results of operations. This risk is magnified given that the Company's equity capital, particularly its tangible equity, is relatively small.

Hedging against interest rate exposure may not completely insulate us from interest rate risk and could materially adversely affect our business, financial condition and results of operations.

We may enter into interest rate cap or swap agreements or pursue other hedging strategies, including the purchase of puts, calls or other options and futures contracts in order to hedge the interest rate risk of our portfolio. In general, our hedging strategy depends on our view of our entire portfolio consisting of assets, liabilities and derivative instruments, in light of prevailing market conditions. We may also hedge the condition of our investment portfolio or the market. Our hedging activity will vary in scope based on the level and volatility of interest rates and principal prepayments, the type of Agency MBS we hold and other changing market conditions. Hedging to protect or could adversely affect us because, among other things:

- hedging can be expensive, particularly during periods of rising and volatile interest rates;
- available interest rate hedging may not correspond directly with the interest rate risk for which protection is sought;
- the duration of the hedge may not match the duration of the related liability;
- certain types of hedges may expose us to risk of loss beyond the fee paid to initiate the hedge;
- the credit quality of the counterparty on the hedge may be downgraded to such an extent that it impairs our ability to sell or assign our side of the hedging transaction; and
- the counterparty in the hedging transaction may default on its obligation to pay.

There are no perfect hedging strategies, and interest rate hedging may fail to protect us from loss. Alternatively, we may fail to properly assess a risk to our investment portfolio or may fail to recognize a risk entirely, leaving us exposed to losses without the

benefit of any offsetting hedging activities. The derivative financial instruments we select may not have the effect of reducing our interest rate risk. The nature and timing of hedging transactions may influence the effectiveness of these strategies. Poorly designed or improperly executed transactions could actually increase our risk and losses. In addition, hedging activities could result in the event against which we hedge does not occur. These risks are magnified given that the Company's equity capital, particularly its tangible equity, is relatively small.

Because of the foregoing risks, our hedging activity could materially adversely affect our business, financial condition and results of operations.

Our use of certain hedging techniques may expose us to counterparty risks.

To the extent that our hedging instruments are not traded on regulated exchanges, guaranteed by an exchange or its clearinghouse, or regulated by any U.S. or foreign governmental authorities, there may not be requirements with respect to record keeping, financial responsibility or segregation of customer funds and positions. Furthermore, the enforceability of agreements underlying hedging transactions may depend on compliance with applicable statutory, exchange and other regulatory requirements, which may vary depending on the domicile of the counterparty, applicable international requirements. Consequently, if any of these issues causes a counterparty to fail to perform under a derivative agreement we could incur a significant loss.

For example, if a swap exchange utilized in an interest rate swap agreement that we enter into as part of our hedging strategy cannot perform under the terms of the interest rate swap agreement, we may not receive payments due under that agreement, and, thus, we may lose any potential benefit associated with the interest rate swap. Additionally, we may also risk the loss of any collateral pledged to secure our obligations under these swap agreements if the exchange becomes insolvent or files for bankruptcy. Similarly, if an interest rate swaption counterparty fails to perform under the terms of the interest rate swaption agreement, in addition to being unable to exercise or otherwise cash settle the agreement, we could also incur a loss for the premium paid for that swaption.

Our use of leverage could materially adversely affect our business, financial condition and results of operations.

We calculate our leverage ratio by dividing our total liabilities by total equity at the end of each period. Under normal market conditions, we generally expect our leverage ratio to be less than 10 to 1, although at times our borrowings may be above or below this level. We incur this indebtedness by borrowing against a substantial portion of the market value of our pass-through Agency MBS and a portion of our structured Agency MBS. Our total indebtedness, however, is not expressly limited by our policies and will depend on our prospective lenders' estimates of the stability of our portfolio's cash flow. As a result, there is no limit on the amount of leverage that we face. We face the risk that we might not be able to meet our debt service obligations or a lender's margin requirements from income and, to the extent we cannot, we might be forced to liquidate some of our Agency MBS at unfavorable prices. Our use of leverage could materially adversely affect our business, financial condition and results of operations. For example, our borrowings are secured by our pass-through Agency MBS and a portion of our structured Agency MBS under repurchase agreements. A decline in the value of the pass-through Agency MBS or structured Agency MBS used to secure these debt obligations could limit our ability to borrow or result in lenders requiring us to pledge additional collateral to secure our borrowings. In that situation, we could be required to sell Agency MBS under adverse market conditions in order to obtain the additional collateral required by the lender. If sales are made at prices lower than the carrying value of the Agency MBS, we would experience losses. If we experience losses as a result of our use of leverage, such losses could materially adversely affect our business, results of operations and financial condition.

It may be uneconomical to "roll" our TBA dollar roll transactions or we may be unable to meet margin calls on our TBA contracts, which could negatively affect our financial condition and results of operations.

We may utilize TBA dollar roll transactions as a means of investing in and financing Agency MBS securities. TBA contracts enable us to purchase or sell, for future delivery, Agency MBS with certain principal and interest terms and certain types of collateral, but the particular Agency MBS to be delivered are not identified until shortly before the TBA settlement date. Prior to settlement of the TBA contract we may choose to move the settlement of the securities out to a later date by entering into an offsetting position (referred to as

a "pair off"), net settling the paired off positions for cash, and simultaneously purchasing a similar TBA contract for a later date, collectively referred to as a "dollar roll." The Agency MBS purchased for a forward settlement date under the TBA contract are typically priced at a discount to Agency MBS for settlement in the current month. This difference (or discount) is referred to as the "roll price." The price drop is the economic equivalent of net interest income earned from carrying the underlying Agency MBS over the roll period (interest income less implied financing cost). Consequently, TBA dollar roll transactions and such forward purchases of Agency MBS represent a form of off-balance sheet financing and increase our "at risk" leverage.

Under certain market conditions, TBA dollar roll transactions may result in negative carry income whereby the Agency MBS purchased for a forward settlement date under the TBA contract are priced at a premium to Agency MBS for settlement in the current month. Additionally, sales of some or all of the Fed's holdings of Agency MBS or declines in purchases of Agency MBS by the Fed could adversely impact the dollar roll market. Under such conditions, it may be uneconomical to roll our TBA positions prior to the settlement date and we could have to take physical delivery of the underlying securities and settle our obligations for cash. We may not have sufficient funds or alternative financing sources available to settle such obligations. In addition, pursuant to the margin provisions established by the Mortgage-Backed Securities Division ("MBSD") of the Fixed Income Clearing Corporation, we are subject to margin calls on our TBA contracts. Further, our clearing and custody agreements may require us to post additional margin above the levels established by the MBSD. Negative carry income on TBA dollar roll transactions or failure to procure adequate financing to settle obligations or meet margin calls under our TBA contracts could result in defaults or force us to sell assets under adverse market conditions and adversely affect our financial condition and results of operations.

Volatile market conditions for mortgages and mortgage-related assets as well as the broader financial markets can result in a significant contraction in liquidity for mortgages and mortgage-related assets, which may adversely affect the value of the assets we invest.

Our results of operations are materially affected by conditions in the markets for mortgages and mortgage-related assets, including Agency RMBS, as well as the broader financial markets and the economy generally.

Significant adverse changes in financial market conditions can result in a deleveraging of the global financial system and the forced sale of large quantities of mortgage-related and other financial assets. Concerns over economic recession, geopolitical instabilities, including events such as the COVID-19 pandemic, the military conflict between Ukraine and Russia, policy priorities of a new Presidential administration, trade wars, unemployment, the availability and cost of financing, the mortgage market and a declining real estate market or prolonged government shutdown may contribute to increased volatility and diminished expectations for the economy and markets.

Increased volatility and deterioration in the markets for mortgages and mortgage-related assets as well as the broader financial markets may adversely affect the performance and market value of our Agency RMBS and our investment in Orchid common stock. If such conditions exist, institutions from which we seek financing for our investments may tighten their lending standards, increase margin calls or become insolvent, which could make it more difficult for us to obtain financing on favorable terms or at all. Our profitability and financial condition may be adversely affected if we are unable to obtain cost-effective financing for our investments.

The Russian invasion of Ukraine has created market volatility and economic uncertainty that may have an adverse effect on results of operations, financial condition and the value of our stock.

A significant geo-political development is unfolding in the Ukraine. Russia invaded Ukraine on February 24, 2022, and Russian military activity has escalated rapidly. The United States and several NATO allies have imposed significant economic sanctions that are likely to cripple the Russian economy and currency, the Ruble. These events have created significant market volatility and growing economic uncertainty. Should the situation deteriorate further and military action lead to a protracted war, there would likely be a material adverse economic impact on Europe and therefore indirectly in the U.S., potentially slowing economic activity and possibly lessening the need for the Fed to remove monetary policy as aggressively as expected otherwise. The risk of Russian cyber-attacks may also create market volatility and economic uncertainty. It is believed that Russian cyber-attacks of the Ukrainian

government infrastructure have already occurred, and cyber-attacks could potentially spread to a broader network of countries and networks. These events may have an adverse effect on our results of operations, financial condition and the value of our common stock.

Our forward settling transactions, including TBA transactions, subject us to certain risks, including price risks and counterparty risk.

We purchase some of our Agency MBS through forward settling transactions, including TBAs. In a forward settling transaction, we enter into a forward purchase agreement with a counterparty to purchase either (i) an identified Agency MBS, or (ii) a TBA, or issued Agency MBS with certain terms. As with any forward purchase contract, the value of the underlying Agency MBS may increase or decrease between the trade date and the settlement date. Furthermore, a transaction counterparty may fail to deliver the underlying Agency MBS at the settlement date. If any of these risks were to occur, our financial condition and results of operations may be materially adversely affected.

We rely on analytical models and other data to analyze potential asset acquisition and disposition opportunities and to manage our portfolio. Such models and other data may be incorrect, misleading or incomplete, which could cause us to purchase assets that do not meet our expectations or to make asset management decisions that are not in line with our strategy.

We rely on analytical models, and information and other data supplied by third parties. These models and data may be used to value assets or potential asset acquisitions and dispositions and in connection with our asset management activities. If our models and data prove to be incorrect, misleading or incomplete, any decisions made in reliance thereon could expose us to potential risks.

Our reliance on models and data may induce us to purchase certain assets at prices that are too high, to sell certain other assets at prices that are too low or to miss favorable opportunities altogether. Similarly, any hedging activities that are based on faulty models and data may prove to be unsuccessful.

Some models, such as prepayment models, may be predictive in nature. The use of predictive models has inherent risks. For example, such models may incorrectly forecast future behavior, leading to potential losses. In addition, the predictive models used by us may differ substantially from those models used by other market participants, resulting in valuations based on these predictive models that may be substantially higher or lower for certain assets than actual market prices. Furthermore, because predictive models are generally constructed based on historical data supplied by third parties, the success of relying on such models may depend heavily on the accuracy and reliability of the supplied historical data, and, in the case of predicting performance in scenarios with little or no historical precedent (such as extreme broad-based declines in home prices, or deep economic recessions or depressions), such models must employ greater degrees of extrapolation and are therefore more speculative and less reliable.

All valuation models rely on correct market data input. If incorrect market data is entered into even a well-founded valuation model, the resulting valuations will be incorrect. However, even if market data is inputted correctly, "model prices" will often differ substantially from market prices, especially for securities with complex characteristics or whose values are particularly sensitive to various factors. If market data inputs are incorrect or our model prices differ substantially from market prices, our business, financial condition and results of operations could be materially adversely affected.

Valuations of some of our assets are inherently uncertain, may be based on estimates, may fluctuate over short periods of time and may differ from the values that would have been used if a ready market for these assets existed. As a result, the values of some of our assets are uncertain.

While in many cases our determination of the fair value of our assets is based on valuations provided by third-party dealers and pricing services, we can and do value assets based upon our judgment, and such valuations may differ from those provided by third-party dealers and pricing services. Valuations of certain assets are often difficult to obtain or are unreliable. In general, dealers and pricing services heavily disclaim their valuations. Additionally, dealers may claim to furnish valuations only as an accommodation and without compensation, and so they may disclaim any and all liability for any direct, incidental or consequential damages arising

out of any inaccuracy or incompleteness in valuations, including any act of negligence or breach of any warranty. Depending on the complexity and illiquidity of an asset, valuations of the same asset can vary substantially from one dealer or pricing service to another. The valuation process during times of market distress can be particularly difficult and unpredictable and during such time the disparities provided by third-party dealers can widen.

Our business, financial condition and results of operations could be materially adversely affected if our fair value determinations of these assets were materially higher than the values that would exist if a ready market existed for these assets.

Because the assets that we acquire might experience periods of illiquidity, we might be prevented from selling our Agency MBS at favorable times and prices, which could materially adversely affect our business, financial condition and results of operations.

Agency MBS generally experience periods of illiquidity. Such conditions are more likely to occur for structured Agency MBS because such securities are generally traded in markets much less liquid than the pass-through Agency MBS market. As a result, we may be unable to dispose of our Agency MBS at advantageous times and prices or in a timely manner. The lack of liquidity might result from the absence of a willing buyer or an established market for these assets as well as legal or contractual restrictions on resale. The illiquidity of Agency MBS could materially adversely affect our business, financial condition and results of operations.

Our use of repurchase agreements may give our lenders greater rights in the event that either we or any of our lenders file for bankruptcy, which may make it difficult for us to recover our collateral in the event of a bankruptcy filing.

Our borrowings under repurchase agreements may qualify for special treatment under the bankruptcy code, giving our lenders the ability to avoid the automatic stay provisions of the bankruptcy code and to take possession of and liquidate our collateral under the repurchase agreements without delay if we file for bankruptcy. Furthermore, the special treatment of repurchase agreements under the bankruptcy code may make it difficult for us to recover our pledged assets in the event that any of our lenders files for bankruptcy. Thus, the use of repurchase agreements exposes our pledged assets to risk in the event of a bankruptcy filing by either our lenders or us. In addition, if the lender is a broker or dealer subject to the Securities Investor Protection Act of 1970, or an insured depository institution subject to the Federal Deposit Insurance Act, our ability to exercise our rights to recover our investment under a repurchase agreement or to be compensated for any damages resulting from the lender's insolvency may be further limited by those statutes.

If a repurchase agreement counterparty defaults on their obligations to resell the Agency MBS back to us at the end of the repurchase term, or if the value of the Agency MBS has declined by the end of the repurchase transaction term or if we default on our obligations under the repurchase transaction, we will lose money on these transactions, which, in turn, may materially adversely affect our business, financial condition and results of operations.

When we engage in a repurchase transaction, we initially sell securities to the financial institution under one of our master repurchase agreements in exchange for cash, and our counterparty is obligated to resell the securities to us at the end of the term of the transaction, which is typically from 24 to 90 days but may be up to 364 days or more. The cash we receive when we initially sell the securities is less than the value of those securities, which is referred to as the "haircut." Many financial institutions from which we borrow in repurchase agreement financing have increased their haircuts in the past and may do so again in the future. If these haircuts increased, we will be required to post additional cash or securities as collateral for our Agency MBS. If our counterparty defaults on its obligation to resell the securities to us, we would incur a loss on the transaction equal to the amount of the haircut (assuming there was no change in the value of the securities). We would also lose money on a repurchase transaction if the value of the underlying securities had declined as of the end of the transaction term, as we would have to repurchase the securities for their initial value but would receive securities worth less than that amount. Any losses we incur on our repurchase transactions could materially adversely affect our business, financial condition and results of operations.

If we default on one of our obligations under a repurchase transaction, the counterparty can terminate the transaction and enter into any other repurchase transactions with us. In that case, we would likely need to establish a replacement repurchase

facility with another financial institution in order to continue to leverage our portfolio and carry out our investment strategy. There is no assurance we would be able to establish a suitable replacement facility on acceptable terms or at all.

We have issued long-term debt to fund our operations which can increase the volatility of our earnings and stockholders' equity.

In October 2005, Bimini Capital completed a private offering of trust preferred securities of Bimini Capital Trust II, of which \$26.8 million are still outstanding. The Company must pay interest on these junior subordinated notes on a quarterly basis at a rate equal to three month LIBOR rate plus 3.5%. To the extent the Company's does not generate sufficient earnings to cover the payments on the debt, our earnings and stockholders' equity may be negatively impacted.

The Company considers the junior subordinated notes as part of its long-term capital base. Therefore, for purposes of all disclosure in this report concerning our capital or leverage, the Company considers both stockholders' equity and the \$26.8 million of junior subordinated notes to constitute capital.

The Company has also elected to account for its investments in MBS under the fair value option and, therefore, will report our MBS on its financial statements at fair value with unrealized gains and losses included in earnings. Changes in the value of the MBS do not impact the outstanding balance of the junior subordinated notes but rather our stockholders' equity. Therefore, changes in the value of MBS will be absorbed solely by our stockholders' equity. Because our stockholders' equity is small in relation to our total capital, changes may result in significant changes in our stockholders' equity.

Clearing facilities or exchanges upon which some of our hedging instruments are traded may increase margin requirements and hedging instruments in the event of adverse economic developments.

In response to events having or expected to have adverse economic consequences or which create market uncertainty, clearing facilities or exchanges upon which some of our hedging instruments, such as T-Note, Fed Funds and Eurodollar futures contracts, are traded may require us to post additional collateral against our hedging instruments. In the event that future adverse economic developments or market uncertainty result in increased margin requirements for our hedging instruments, it could materially affect our liquidity position, business, financial condition and results of operations.

We may change our investment strategy, investment guidelines and asset allocation without notice or stockholder consent, which result in riskier investments.

Our Board of Directors has the authority to change our investment strategy or asset allocation at any time without notice to or consent from our stockholders. To the extent that our investment strategy changes in the future, we may make investments that are different from, and possibly riskier than, the investments described in this Report. A change in our investment strategy may increase our exposure to interest rate and real estate market fluctuations. Furthermore, a change in our asset allocation could result in our allocating assets in a different manner than as described in this Report.

Competition might prevent us from acquiring Agency MBS at favorable yields, which could materially adversely affect our financial condition and results of operations.

We operate in a highly competitive market for investment opportunities. Our net income largely depends on our ability to acquire Agency MBS at favorable spreads over our borrowing costs. In acquiring Agency MBS, we compete with a variety of institutional investors, including mortgage REITs, investment banking firms, savings and loan associations, banks, insurance companies, mutual funds, other lenders, other entities that purchase Agency MBS, the Federal Reserve, other governmental entities and government-sponsored entities, many of which have greater financial, technical, marketing and other resources than we do. Some competitors have a lower cost of funds and access to funding sources that may not be available to us, such as funding from the U.S. government. Additionally, many of our competitors are required to maintain an exemption from the Investment Company Act. In addition, some competitors may have higher risk tolerances or different risk assessments, which could allow them to consider a wider variety of

investments. Furthermore, competition for investments in Agency MBS may lead the price of such investments to increase, which may further limit our ability to generate desired returns. As a result, we may not be able to acquire sufficient Agency MBS at favorable spreads over our borrowing costs, which would materially adversely affect our business, financial condition and results of operations.

The occurrence of cyber-incidents, or a deficiency in our cybersecurity or in those of any of our third-party service providers could negatively impact our business by causing a disruption to our operations, a compromise or corruption of our confidential information or damage to our business relationships or reputation, all of which could negatively impact our business and results of operations.

A cyber-incident is considered to be any adverse event that threatens the confidentiality, integrity, or availability of our information resources or the information resources of our third-party service providers. More specifically, a cyber-incident is an intentional attack or unintentional event that can include gaining unauthorized access to systems to disrupt operations, corrupt data, or steal confidential information. As our reliance on technology has increased, so have the risks posed to our systems, both internal and those we have outsourced. The primary risks that could directly result from the occurrence of a cyber-incident include operational interruption and private data exposure. We have implemented processes, procedures and controls to help mitigate these risks, but these measures, as well as our focus on mitigating the risk of a cyber-incident, do not guarantee that our business and results of operations will not be negatively impacted by such an incident.

We are highly dependent on communications and information systems operated by third parties, and systems failures could significantly disrupt our business, which may, in turn, adversely affect our business, financial condition and results of operations.

Our business is highly dependent on communications and information systems that allow us to monitor, value, buy, sell, and finance our investments. These systems are operated by third parties and, as a result, we have limited ability to ensure their continued operation. In the event of a systems failure or interruption, we will have limited ability to affect the timing and success of systems restoration. Any failure or interruption of our systems could cause delays or other problems in our securities trading activities, Agency MBS trading activities, which could have a material adverse effect on our business, financial condition and results of operations.

Computer malware, ransomware, viruses, and computer hacking and phishing attacks have become more prevalent in the financial services industry and may occur on our or certain of our third party service providers' systems in the future. We rely heavily on financial, accounting and other data processing systems. Although we have not detected a breach to date, financial services institutions have reported breaches of their systems, some of which have been significant. During the COVID-19 pandemic, a portion of our employees worked remotely until June 2021, which has caused us to rely more on virtual communication and may increase exposure to cybersecurity risks. Even with all reasonable security efforts, not every breach can be prevented or even detected. It is possible that we, or certain of our third-party service providers have experienced an undetected breach, and it is likely that other financial institutions have experienced more breaches than have been detected and reported. There is no assurance that we, or certain third parties that facilitate our business activities, have not or will not experience a breach. It is difficult to determine what, if any, negative impact may directly result from any specific interruption or cyber-attacks or security breaches of our networks or systems (or systems of certain third parties that facilitate our business activities) or any failure to maintain performance, reliability or security of our or our certain third-party service providers' technical infrastructure, but such computer malware, ransomware, viruses, and computer hacking and phishing attacks may negatively affect our operations.

We depend primarily on two individuals to operate our business, and the loss of one or both of such persons could materially adversely affect our business, financial condition and results of operations.

We depend substantially on two individuals, Robert E. Cauley, our Chairman and Chief Executive Officer, and G. Hunter Haas, our Chief Investment Officer and Chief Financial Officer, to manage our business. We depend on the diligence, experience and skill of Mr. Cauley and Mr. Haas in managing all aspects of our business, including the selection, acquisition, structuring and monitoring of securities portfolios and associated borrowings. Although we have entered into contracts and compensation arrangements with

Mr. Cauley and Mr. Haas that encourage their continued employment, those contracts may not prevent either Mr. Cauley or Mr. Haas leaving our company. The loss of either of them could materially adversely affect our business, financial condition and operations.

If we issue debt securities, our operations may be restricted and we will be exposed to additional risk.

If we decide to issue debt securities in the future, it is likely that such securities will be governed by an indenture or other instrument containing covenants restricting our operating flexibility. Additionally, any convertible or exchangeable securities that we issue in the future may have rights, preferences and privileges more favorable than those of our Class A Common Stock. We, and indirectly our stockholders, will bear the cost of issuing and servicing such securities. Holders of debt securities may be granted specific rights, including but not limited to, the right to hold a perfected security interest in certain of our assets, the right to accelerate payments under the indenture, rights to restrict dividend payments, and rights to approve the sale of assets. Such additional restrictive covenants and operating restrictions could have a material adverse effect on our business, financial condition and results of operations.

Changes in banks' inter-bank lending rate reporting practices or the method pursuant to which LIBOR is determined may adversely affect the value of the financial obligations to be held or issued by us that are linked to LIBOR.

LIBOR and other indices which are deemed "benchmarks" are the subject of national, international, and other regulatory and guidance for reform. Some of these reforms are already effective while others are still to be implemented. These reforms may cause such benchmarks to perform differently than in the past, or have other consequences which cannot be predicted. In particular, regulators and law enforcement agencies in the U.K. and elsewhere are conducting criminal and civil investigations into whether banks that contributed information to the British Bankers' Association ("BBA") in connection with the daily calculation of LIBOR may have under-reported or otherwise manipulated or attempted to manipulate LIBOR. A number of BBA member banks have entered into settlements with their regulators and law enforcement agencies with respect to this alleged manipulation of LIBOR. Actions by the regulators or law enforcement agencies, as well as ICE Benchmark Administration (the current administrator of LIBOR), may result in changes to the manner in which LIBOR is determined or the establishment of alternative reference rates.

The development of alternative reference rates is complex. In the United States, a committee was formed in 2014 to study the process and develop an alternative reference rate. The Alternative Reference Rate Committee (the "ARRC") selected the SOFR, an overnight secured U.S. Treasury repo rate, as the new rate and adopted a Paced Transition Plan ("PTP"), which provides a framework for the transition from LIBOR to SOFR. SOFR is published daily at 8:00 a.m. Eastern Time by the NY Federal Reserve Bank for the previous business day's trades. However, since SOFR is an overnight rate and many forms of loans or instruments used for hedging such longer terms, there is a need for a term structure for the new reference rate. Various central banks, including the Fed, and ARRC, are in the process of developing term rates to support cash markets that currently use LIBOR. Examples of the cash markets would be floating rate notes, syndicated and bilateral corporate loans, securitizations, secured funding transactions and various mortgage and consumer loans – including many of the securities the Company owns from time to time such as IIOs. The Company also uses derivative securities tied to LIBOR to hedge its funding costs. Development of term rates for derivatives is being conducted by the International Swaps and Derivatives Association ("ISDA"). However, ARRC and ISDA may utilize different mechanisms to develop term rates which may cause potential mismatches between cash products or assets of the Company and hedge instruments. The process for determining term rates by both ARRC and ISDA is not finalized at this time.

On December 31, 2021 the one week and two month USD LIBOR tenors phased out, and on June 30, 2023 all other USD tenors will phase out. On November 30, 2020, the United States Federal Reserve concurrently issued a statement advising banks to stop new USD LIBOR issuances by the end of 2021, and on October 20, 2021, the Office of the Comptroller of the Currency, Board of Governors of the Federal Reserve System, Federal Deposit Insurance Corporation, Consumer Financial Protection Bureau (the "CFPB") and National Credit Union Administration advised banks that entering into new contracts that use LIBOR as a reference rate after December 31, 2021 would create safety and soundness risks. In light of these recent announcements, the future of LIBOR at this time is uncertain and any changes in the methods by which LIBOR is determined or regulatory activity related to LIBOR's phase out could cause LIBOR to perform differently than in the past or cease to exist. Although regulators and IBA have clarified that the recent

announcements should not be read to say that LIBOR has ceased or will cease, in the event LIBOR does cease to exist, the risks associated with the transition to an alternative reference rate will be accelerated and magnified.

As of December 31, 2020, Fannie Mae and Freddie Mac stopped issuing most LIBOR-indexed products and stopped LIBOR-based loans. On August 3, 2020, Fannie Mae started accepting whole loan and MBS deliveries of ARMs indexed to SOFR, and Freddie Mac announced that it priced its first SOFR linked offering on October 16, 2020. On October 19, 2021, Fannie Mae priced its first risk transfer transaction linked to SOFR, and on January 19, 2022 it priced its first multifamily real estate mortgage investment conduit using SOFR.

More generally, any of the above changes or any other consequential changes to LIBOR or any other “benchmark” as a result of international, national or other proposals for reform or other initiatives or investigations, or any further uncertainty in relation to the timing and manner of implementation of such changes, could have a material adverse effect on the value of and return on any securities based on or linked to a “benchmark.”

New laws may be passed affecting the relationship between Fannie Mae and Freddie Mac, on the one hand, and the federal government, on the other, which could adversely affect the price of, or our ability to invest in and finance, Agency RMBS.

The interest and principal payments we expect to receive on the Agency MBS in which we invest are guaranteed by Fannie Mae or Freddie Mac or Ginnie Mae. Principal and interest payments on Ginnie Mae certificates are directly guaranteed by the U.S. government. Principal and interest payments relating to the securities issued by Fannie Mae and Freddie Mac are only guaranteed by each respective GSE.

In September 2008, Fannie Mae and Freddie Mac were placed into the conservatorship of the FHFA, their federal regulator, pursuant to its powers under The Federal Housing Finance Regulatory Reform Act of 2008, a part of the Housing and Economic Recovery Act of 2008 (the “Recovery Act”). In addition to the FHFA becoming the conservator of Fannie Mae and Freddie Mac, the U.S. Treasury entered into Preferred Stock Purchase Agreements (“PSPAs”) with the FHFA and have taken various actions to provide to Fannie Mae and Freddie Mac with additional liquidity in an effort to ensure their financial stability. In September 2019, the FHFA and the U.S. Treasury agreed to modifications to the PSPAs that will permit Fannie Mae and Freddie Mac to maintain capital levels of \$25 billion and \$20 billion, respectively. As of September 30, 2020, Fannie Mae and Freddie Mac had retained equity capital of approximately \$21 billion and \$14 billion, respectively. In December 2020, a final rule was published in the federal register setting GSE capital framework (the “December rule”), which requires Tier 1 capital in excess of 4% (approximately \$265 billion) and a risk-weight floor of 20% for residential mortgages. On January 14, 2021, the U.S. Treasury and the FHFA executed letter agreements (the “January agreement”) allowing the GSEs to continue to retain capital up to their regulatory minimums, including buffers, as prescribed in the December rule. These letter agreements provide, in part, (i) there will be no exit from conservatorship until material litigation is settled and the GSEs have common equity Tier 1 capital of at least 3% of their assets, (ii) the GSEs will comply with the FHFA’s regulatory capital framework, (iii) higher-risk single-family mortgage acquisitions will be restricted to current levels in the U.S. Treasury and the FHFA will establish a timeline and process for future GSE reform. On September 14, 2021, the U.S. Treasury and the FHFA suspended certain policy provisions in the January agreement, including limits on loans acquired for cash consideration, multifamily loans, loans with higher risk characteristics and second homes and investment properties. On September 14, 2021, the FHFA announced a notice of proposed rulemaking for the purpose of amending the December rule to, among other things, reduce the Tier 1 capital and risk-weight floor requirements.

Shortly after Fannie Mae and Freddie Mac were placed in federal conservatorship, the Secretary of the U.S. Treasury suggested that the guarantee payment structure of Fannie Mae and Freddie Mac in the U.S. housing finance market should be re-examined. The roles of Fannie Mae and Freddie Mac could be significantly reduced and the nature of their guarantees could be eliminated or considerably limited relative to historical measurements. The U.S. Treasury could also stop providing credit support to Fannie Mae and Freddie Mac in the future. Any changes to the nature of the guarantees provided by Fannie Mae and Freddie Mac could redefine what constitutes an Agency MBS and could have broad adverse market implications. If Fannie Mae or Freddie Mac was eliminated, or their

structures were to change in a material manner that is not compatible with our business model, we would not be able to acquire Agency MBS from these entities, which could adversely affect our business operations. Such changes would likely have a similar impact on the business operations of Orchid, which could adversely affect the value and performance of our investment in Orchid common stock and the amount of management fees and expense reimbursements we receive from Orchid.

On June 23, 2021, the Supreme Court ruled in *Collins v. Mnuchin*, a case presenting a question of the constitutionality of the and FHFA Director's protection from being replaced at will by the President. The Supreme Court held that the FHFA did not exceed its powers or functions as a conservator under the Recovery Act, and that the President may replace the director at will. On June 23, 2021, President Biden appointed Sandra Thompson as acting director of the FHFA.

Our investment in Orchid Island Capital, Inc. or other mortgage REIT common stock may fluctuate in value which materially adversely affect our business, financial condition and results of operations.

Investments in the securities of companies that own Agency MBS will be subject to all of the risks associated with the direct ownership of Agency MBS discussed above that could adversely affect the market price of the investment and the ability of the REIT to pay dividends. In addition, the market value of the common stock could be affected by market conditions beyond the Company's control, such as limited liquidity in trading market for the common stock. A decrease in the dividend payment rate or the market value of common stock could have a material adverse effect on our business, financial condition and results of operations.

In addition, the Company's ability to dispose of the common stock investment because selling investments in Orchid's equity securities may be hindered due to its relationship as Orchid's manager and the possession of inside information. Also, if we or other significant investors sell or are perceived as intending to sell a substantial number of shares in a short period of time, the market price of our remaining shares could be adversely affected.

The termination of our management agreement with Orchid could significantly reduce our revenues.

Orchid is externally managed and advised by Bimini Advisors. As Manager, Bimini Advisors is responsible for administering Orchid's business activities and day-to-day operations. Pursuant to the terms of the management agreement, Bimini Advisors provides with its management team, including its officers, along with appropriate support personnel.

In exchange for these services, Bimini Advisors receives a monthly management fee. In addition, Orchid is obligated to Bimini Advisors for any direct expenses incurred on its behalf and Bimini Advisors allocates to Orchid its pro rata portion of overhead costs. The significance of these management fees and overhead reimbursements has increased, and is expected to continue to increase, as Orchid's capital base continues to grow. If Orchid were to terminate the management agreement without cause, it would be obligated to pay to Bimini Advisors a termination fee equal to three times the average annual management fee, as defined in the management agreement, before or on the last day of the initial term or automatic renewal term. The loss of these revenues, if it were to occur, would have a severe and immediate impact on the Company.

We may be subject to adverse legislative or regulatory changes that could reduce the market price of our common stock.

At any time, laws or regulations, or the administrative interpretations of those laws or regulations, which impact our business and other corporations may be amended. In addition, the markets for MBS and derivatives, including interest rate swaps, have been subject of intense scrutiny in recent years. We cannot predict when or if any new law, regulation or administrative interpretation, or amendment to any existing law, regulation or administrative interpretation, will be adopted or promulgated or will become effective. Additionally, revisions to these laws, regulations or administrative interpretations could cause us to change our investments. We could be materially adversely affected by any such change to any existing, or any new, law, regulation or administrative interpretation, which could reduce the market price of our common stock.

We may incur losses as a result of unforeseen or catastrophic events, including the emergence of a pandemic and acts of terrorism.

The occurrence of unforeseen or catastrophic events, including the emergence of a pandemic, such as coronavirus, or other widespread health emergency (or concerns over the possibility of such an emergency) terrorist attacks could create economic and financial disruptions, and could lead to operational difficulties that could impair our ability to manage our businesses.

We are subject to risks related to corporate social responsibility.

Our business faces public scrutiny related to environmental, social and governance (“ESG”) activities. We risk damage to our reputation if we fail to act responsibly in a number of areas, such as diversity and inclusion, environmental stewardship, support for local communities, corporate governance and transparency and considering ESG factors in our investment processes. Adverse incidents with respect to ESG activities could impact the cost of our operations and relationships with investors, all of which could adversely affect our business and results of operations. Additionally, new legislative or regulatory initiatives related to ESG could adversely affect our business.

Risks Related to Our Organization and Structure

Loss of our exemption from regulation under the Investment Company Act would negatively affect the value of shares of our common stock.

We have operated and intend to continue to operate our business so as to be exempt from registration under the Investment Company Act, because we are “primarily engaged in the business of purchasing or otherwise acquiring mortgages and other liens and interests in real estate.” Specifically, we invest and intend to continue to invest so that at least 55% of the assets that we own on an unconsolidated basis consist of qualifying mortgages and other liens and interests in real estate, which are collectively referred to as “qualifying real estate assets,” and so that at least 80% of the assets we own on an unconsolidated basis consist of real estate-related assets (including our qualifying real estate assets). We treat Fannie Mae, Freddie Mac and Ginnie Mae whole-pool residential mortgage pass-through securities issued with respect to an underlying pool of mortgage loans in which we hold all of the interests in the pool as qualifying real estate assets based on no-action letters issued by the SEC. To the extent that the SEC publishes different guidance with respect to these matters, we may fail to qualify for this exemption.

If we fail to qualify for this exemption and for any other exemption, we could be required to restructure our activities in a manner that, at any time when we would not otherwise choose to do so, which could negatively affect the value of shares of our common stock and our ability to distribute dividends. For example, if the market value of our investments in CMOs or structured Agency MBS, which are qualifying real estate assets for Investment Company Act purposes, were to increase by an amount that resulted in less than 55% of our assets being invested in pass-through Agency MBS, we might have to sell CMOs or structured Agency MBS in order to maintain our exemption from the Investment Company Act. The sale could occur during adverse market conditions, and we could be forced to accept a price below that which we believe is acceptable.

Alternatively, if we fail to qualify for this exemption and for any other exemption, we may have to register under the Investment Company Act and we could become subject to substantial regulation with respect to our capital structure (including our ability to leverage), management, operations, transactions with affiliated persons (as defined in the Investment Company Act), portfolio composition, including restrictions with respect to diversification and industry concentration, and other matters.

We may be required at times to adopt less efficient methods of financing certain of our securities, and we may be precluded from acquiring certain types of higher yielding securities. The net effect of these factors would be to lower our net interest income. If we fail to qualify for an exemption from registration as an investment company or an exclusion from the definition of an investment company, our ability to use leverage would be substantially reduced, and we would not be able to conduct our business as described in this

prospectus. Our business will be materially and adversely affected if we fail to qualify for and maintain an exemption from regulation under the Investment Company Act.

Failure to obtain and maintain an exemption from being regulated as a commodity pool operator could subject us to additional and compliance requirements and may result in fines and other penalties which could materially adversely affect our business and financial condition.

The Dodd-Frank Act established a comprehensive regulatory framework for derivative contracts commonly referred to as swaps. As a result, any investment fund that trades in swaps may be considered a “commodity pool,” which would cause its operators (in cases the fund’s directors) to be regulated as “commodity pool operators,” (“CPOs”). Under new rules adopted by the U.S. Commodity Futures Trading Commission, (the “CFTC”), those funds that become commodity pools solely because of their use of swaps must register with the National Futures Association (the “NFA”). Registration requires compliance with the CFTC’s regulations and the NFA’s rules with respect to capital raising, disclosure, reporting, recordkeeping and other business conduct.

We use hedging instruments in conjunction with our investment portfolio and related borrowings to reduce or mitigate risks associated with changes in interest rates, mortgage spreads, yield curve shapes and market volatility. These hedging instruments include interest rate swaps, interest rate futures and options on interest rate futures. We do not currently engage in any speculative derivatives activities or other non-hedging transactions using swaps, futures or options on futures. We do not use these instruments for the purpose of trading in commodity interests, and we do not consider the Company or its operations to be a commodity pool as to which CPO registration or compliance is required. We have received a no-action letter from the CFTC for relief from registration as a commodity pool operator and commodity trading advisor.

The CFTC has substantial enforcement power with respect to violations of the laws over which it has jurisdiction, including their anti-fraud and anti-manipulation provisions. For example, the CFTC may suspend or revoke the registration of or the no-action relief provided to a person who fails to comply with commodities laws and regulations, prohibit such a person from trading or doing business, suspend or revoke the registration of registered entities, impose civil money penalties, require restitution and seek fines or imprisonment for criminal violations. In the event that the CFTC asserts that we are not entitled to the no-action letter relief claimed, we may be obligated to furnish additional disclosures and reports, among other things. Further, a private right of action exists against those who violate the laws over which the CFTC has jurisdiction or who willfully aid, abet, counsel, induce or procure a violation of those laws. In the event that we fail to comply with statutory requirements relating to derivatives or with the CFTC’s rules thereunder, including the no-action letter described above, we may be subject to significant fines, penalties and other civil or governmental actions or proceedings, any of which could have a materially adverse effect on our business, financial condition and results of operations.

Our Rights Plan could inhibit a change in our control that would otherwise be favorable to our stockholders.

In December 2015, our Board of Directors adopted a Rights Agreement (the “Rights Plan”) in an effort to protect against a limitation on our ability to use our net operating losses (“NOLs”) and net capital losses (“NCLs”) by discouraging investors from aggregating ownership of our Class A Common Stock and triggering an “ownership change” for purposes of Sections 382 and 383 of the Code. Under the terms of the Rights Plan, in general, if a person or group acquires ownership of 4.9% or more of the outstanding shares of our Class A Common Stock without the consent of our Board of Directors (an “Acquiring Person”), all of our other stockholders will have the right to purchase securities from us at a discount to such securities’ fair market value, thus causing substantial dilution to the Acquiring Person. As a result, the Rights Plan may have the effect of inhibiting or impeding a change in control not approved by our Board of Directors and, notwithstanding its purpose, could adversely affect our shareholders’ ability to realize a premium over the then-prevailing market price for our common stock in connection with such a transaction. In addition, because our Board of Directors may consent to certain transactions, the Rights Plan gives our Board of Directors significant discretion over whether a potential acquirer’s efforts to acquire a large interest in us will be successful. There can be no assurance that the Rights Plan will prevent an “ownership change” within the meaning of Sections 382 and 383 of the Code, in which case we may lose all or some of the anticipated tax benefits associated with our prior losses.

Certain provisions of applicable law and our charter and bylaws may restrict business combination opportunities that would otherwise be favorable to our stockholders.

Our charter and bylaws and Maryland law contain provisions that may delay, defer or prevent a change in control or other transaction that might involve a premium price for our common stock or otherwise be in the best interests of our stockholders, including combination provisions, supermajority vote and cause requirements for removal of directors, provisions that vacancies on Board of Directors may be filled only by the remaining directors, for the full term of the directorship in which the vacancy occurred, the power of the Board of Directors to increase or decrease the aggregate number of authorized shares of stock or the number of shares of any class or series of stock, to cause us to issue additional shares of stock of any class or series and to fix the terms of one or more classes or series of stock without stockholder approval, the restrictions on ownership and transfer of our stock and advance notice requirements for director nominations and stockholder proposals. These provisions, along with the restrictions on ownership and transfer contained in our charter and certain provisions of Maryland law described below, could discourage unsolicited acquisition proposals or make it more difficult for a third party to gain control of us, which could adversely affect the market price of our securities.

Our rights and the rights of our stockholders to take action against our directors and officers are limited, which could limit recourse in the event of actions that may be considered to be not in your best interests.

Our charter limits the liability of our directors and officers to us and our stockholders for money damages, except for liability resulting from:

- actual receipt of an improper benefit or profit in money, property or services; or
- a final judgment based upon a finding of active and deliberate dishonesty by the director or officer that was material to the cause of action adjudicated.

We have entered into indemnification agreements with our directors and executive officers that obligate us to indemnify them to the maximum extent permitted by Maryland law. In addition, our charter authorizes the Company to obligate itself to indemnify present and former directors and officers for actions taken by them in those and other capacities to the maximum extent permitted by Maryland law. Our bylaws require us, to the maximum extent permitted by Maryland law, to indemnify each present and former director or officer in the defense of any proceeding to which he or she is made, or threatened to be made, a party by reason of his or her service to us. In addition, we may be obligated to advance the defense costs incurred by our directors and officers. As a result, we and our stockholders may have more limited rights against our directors and officers than might otherwise exist absent the provisions in our charter, bylaws and indemnification agreements or that might exist with other companies.

Certain provisions of Maryland law could inhibit changes in control.

Certain provisions of the Maryland General Corporation Law (the “MGCL”), may have the effect of inhibiting a third party from making a proposal to acquire us or impeding a change of control under circumstances that otherwise could provide our stockholders with the opportunity to realize a premium over the then-prevailing market price of our common stock, including:

- “business combination” provisions that, subject to limitations, prohibit certain business combinations between us and an interested stockholder” (defined generally as any person who beneficially owns 10% or more of the voting power of our outstanding voting stock or an affiliate or associate of ours who, at any time within the two-year period immediately prior to the date in question, was the beneficial owner of 10% or more of the voting power of our then-outstanding stock) or an affiliate of an interested stockholder for five years after the most recent date on which the stockholder became an interested stockholder, and thereafter require two supermajority stockholder votes to approve any such combination;
- “control share” provisions that provide that a holder of “control shares” of the Company (defined as voting shares of stock which, when aggregated with all other shares of stock owned by the acquiror or in respect of which the acquiror is able to exercise or direct the exercise of voting power (except solely by virtue of a revocable proxy), entitle the acquiror to exercise one of three increasing ranges of voting power in electing directors) acquired in a “control share acquisition”

(defined as the direct or indirect acquisition of ownership or control of issued and outstanding “control shares,” subject to exceptions) generally has no voting rights with respect to the control shares except to the extent approved by stockholders by the affirmative vote of two-thirds of all the votes entitled to be cast on the matter, excluding all interested shares.

We have elected to opt-out of these provisions of the MGCL, in the case of the business combination provisions, by resolution of our Board of Directors (provided that such business combination is first approved by our Board of Directors, including a majority of directors who are not affiliates or associates of such person), and in the case of the control share provisions, pursuant to a provision in our bylaws. However, our Board of Directors may by resolution elect to repeal the foregoing opt-out from the business combination provisions of the MGCL, and we may, by amendment to our bylaws, opt in to the control share provisions of the MGCL in the future.

U.S. Federal Income Tax Risks

An investment in our common stock has various income tax risks.

This summary is limited to the U.S. federal income tax risks addressed below. Additional risks or issues may exist that are not addressed in this Form 10-K and that could affect the U.S. federal and state income tax treatment of us or our stockholders. This summary is not intended to be used and cannot be used by any stockholder to avoid penalties that may be imposed on stockholders under the Code. Management strongly urges shareholders to seek advice based on their particular circumstances from their tax advisor concerning the effects of federal, state and local income tax law on an investment in our common stock.

Our ability to use net operating loss (“NOL”) carryovers and net capital loss (“NCL”) carryovers to reduce our taxable income may be limited.

We must have taxable income or net capital gains to benefit from our NOL and NCL, as well as certain other tax attributes. Although we believe that a significant portion of our NOLs will be available to use to offset the future taxable income of Bimini Capital and Royal Palm, no assurance can be provided that we will have taxable income or gains in the future to apply against our remaining NOLs and NCLs.

In addition, our NOL and NCL carryovers may be limited by Sections 382 and 383 of the Code if we undergo an “ownership change.” Generally, an “ownership change” occurs if certain persons or groups increase their aggregate ownership in our company by more than 50 percentage points looking back over the relevant testing period. If an ownership change occurs, our ability to use our NOLs and NCLs to reduce our taxable income in a future year would be limited to a Section 382 limitation equal to the fair market value of our stock immediately prior to the ownership change multiplied by the long-term tax-exempt interest rate in effect for the month of the change. In the event of an ownership change, NOLs and NCLs that exceed the Section 382 limitation in any year will continue to be allowed as carryforwards for the remainder of the carryforward period and such losses can be used to offset taxable income for years within the carryforward period subject to the Section 382 limitation in each year. However, if the carryforward period for a NOL or NCL were to expire before that loss had been fully utilized, the unused portion of that loss would be lost. The carryforward period for NOLs is 20 years from the year in which the losses giving rise to the NOLs were incurred, and the period for an NCL is five years from the year in which the losses giving rise to the NCL were incurred. Our use of new NOLs or NCLs arising after the date of an ownership change would not be affected by the Section 382 limitation (unless there were another ownership change after those new losses arose).

Based on our knowledge of our stock ownership, we do not believe that an ownership change has occurred since our losses were generated. Accordingly, we believe that at the current time there is no annual limitation imposed on our use of our NOLs and NCLs to offset future taxable income. The determination of whether an ownership change has occurred or will occur is complicated and depends on changes in percentage stock ownership among stockholders. We adopted the Rights Plan described above in order to discourage or prevent an ownership change. However, there can be no assurance that the Rights Plan will prevent an ownership change. In addition, we have not obtained, and currently do not plan to obtain, a ruling from the Internal Revenue Service, or IRS,

regarding our conclusion as to whether our losses are subject to any such limitations. Furthermore, we may decide in the future that it is necessary or in our interest to take certain actions that could result in an ownership change. Therefore, no assurance can be provided as to whether an ownership change has occurred or will occur in the future.

Preserving the ability to use our NOLs and NCLs may cause us to forgo otherwise attractive opportunities.

Limitations imposed by Sections 382 and 383 of the Internal Revenue Code may discourage us from, among other things, redeeming our stock or issuing additional stock to raise capital or to acquire businesses or assets. Accordingly, our desire to pursue NOLs and NCLs may cause us to forgo otherwise attractive opportunities.

Changes in tax laws could adversely affect our future results.

We have recorded a deferred tax asset in the consolidated balance sheet based on the differences between the financial statement and income tax bases of assets using enacted tax rates. When U.S. corporate income tax rates change, we are required to reevaluate our deferred tax assets using the new tax rate. Changes in enacted tax rates require an adjustment to the carrying value of our deferred tax assets with a corresponding charge or benefit to earnings in the period of the tax rate change. Based on the size of our deferred tax assets, any such adjustment could be significant.

Risks Related to Conflicts of Interest in Our Relationship with Orchid

Bimini Capital and Orchid may compete for opportunities to acquire assets, which are allocated in accordance with the Investment Allocation Agreement by and among Orchid and Bimini Advisors.

From time to time we may seek to purchase for Bimini Capital the same or similar assets that we seek to purchase for Orchid. In an instance, we may allocate such opportunities in a manner that preferentially favors Orchid. We will make available to Bimini Capital or Orchid opportunities to acquire assets that we determine, in our reasonable and good faith judgment, based on the objectives, policies and strategies, and other relevant factors, are appropriate for either entity in accordance with the Investment Allocation Agreement among Bimini Capital, Orchid and Bimini Advisors.

Because many of Bimini Capital's targeted assets are typically available only in specified quantities and because many of our targeted assets are also targeted assets for Orchid, we may not be able to buy as much of any given asset as required to satisfy the needs of both Bimini Capital and Orchid. In these cases, the Investment Allocation Agreement will require the allocation of such assets to each account in proportion to their needs and available capital. The Investment Allocation Agreement will permit departure from proportional allocation when (i) allocating purchases of whole-pool Agency MBS, because those securities cannot be divided into multiple parts to be allocated among various accounts, and (ii) such allocation would result in an inefficiently small amount of the security being purchased for an account. In that case, the Investment Allocation Agreement allows for a protocol of allocating assets on an overall basis, each account is treated equitably.

There are conflicts of interest in our relationships with Orchid, which could result in decisions that may be considered as being not in the best interests of Bimini Capital's stockholders.

We are subject to conflicts of interest arising out of Bimini Advisors relationship as Manager of Orchid. All of our executive officers may have conflicts between their duties to Bimini Capital and their duties to Orchid as its Manager.

Bimini Capital may acquire or sell assets in which Orchid may have an interest. Similarly, Orchid may acquire or sell assets in which Bimini Capital has or may have an interest. Although such acquisitions or dispositions may present conflicts of interest, we nonetheless may pursue and consummate such transactions. Additionally, Bimini Capital may engage in transactions directly with Orchid, including the purchase and sale of all or a portion of a portfolio asset.

Our officers devote as much time to Bimini Capital and to Orchid as they deem appropriate. However, these officers may have conflicts in allocating their time and services among Bimini Capital and Orchid. During turbulent conditions in the mortgage industry, in the credit markets or other times when we will need focused support and assistance from employees, Orchid and other entities for which we may act as manager in the future will likewise require greater focus and attention, placing personnel resources in short supply. In such situations, Bimini Capital may not receive the necessary support and assistance it requires or would otherwise receive if it were not acting as manager of one or more other entities.

Mr. Cauley, our Chief Executive Officer and Chairman of our Board of Directors, also serves as Chief Executive Officer and Chairman of the Board of Directors of Orchid and owns shares of common stock of Orchid at the time of this filing and may continue to hold shares in the future. Mr. Haas, our Chief Financial Officer, Chief Investment Officer and President, is a member of the Board of Directors of Orchid, serves as the Chief Financial Officer, Chief Investment Officer and Treasurer of Orchid and owns shares of common stock of Orchid at the time of this filing and may continue to hold shares in the future. Mr. Dwyer and Mr. Jaumot, the independent members of our Board of Directors, own shares of common stock of Orchid at the time of this filing and may continue to hold shares in the future. Accordingly, Messrs. Cauley, Haas, Dwyer and Jaumot may have a conflict of interest with respect to Bimini Capital or Bimini Advisors that relate to Orchid as its Manager.

Bimini continues to hold an investment in the common stock of Orchid. In evaluating opportunities for ourselves and Orchid, we may be led to emphasize certain asset acquisition, disposition or management objectives over others, such as balancing risk or capital preservation objectives against return objectives. This could increase the risks or decrease the returns of your investment in our common stock.

Orchid may elect not to renew the management agreement without cause which may adversely affect our business, financial condition and results of operations.

Orchid may elect not to renew the management agreement, even without cause. The management agreement is automatically renewed in accordance with the terms of the agreement, each year, on February 20. However, with the consent of the majority of Orchid's independent directors, and upon providing 180-days' prior written notice, Orchid may elect not to renew the management agreement. If Orchid elects to not renew the agreement because of a decision by its Board of Directors that the management fee is unfair, Bimini Advisors will have the right to renegotiate a mutually agreeable management fee. If Orchid elects to not renew the management agreement without cause, it is required to pay Bimini Advisors a termination fee equal to three times the average annual management fee incurred during the prior 24-month period immediately preceding the most recently completed calendar quarter prior to the effective date of termination. Notwithstanding the termination fee, nonrenewal of the management agreement may adversely affect our business, financial condition and results of operations.

Risks Related to Our Common Stock

Investing in our common stock may involve a high degree of risk.

The investments we make in accordance with our investment objectives may result in a high amount of risk when compared to alternative investment options and volatility or loss of principal. Our investments may be highly speculative and aggressive, and therefore an investment in our common stock may not be suitable for someone with lower risk tolerance.

There is a limited market for our Class A Common Stock.

Our Class A Common Stock trades on the OTCQB under the symbol "BMNM". We may apply to list our Class A Common Stock on a national securities market if, in the future, we qualify for such a listing. However, even if listed on a national securities market, the ability to buy and sell our Class A Common Stock may be limited due to our small public float, and significant sales may result in a decline in the market price of our Class A Common Stock. Additionally, until such time that our Class A Common Stock is

approved for listing on a national securities market, our ability to raise capital through the sale of additional securities may be limited. Accordingly, no assurance can be given as to:

- the likelihood that an actual market for our common stock will develop, or be continued once developed;
- the liquidity of any such market;
- the ability of any holder to sell shares of our common stock; or
- the prices that may be obtained for our common stock.

We have not made distributions to our stockholders since 2011.

Our Board of Directors has not authorized the payment of any cash dividends to our stockholders since 2011. All distributions will be made at the discretion of our Board of Directors out of funds legally available therefor and will depend on our earnings, our financial condition and such other factors as our Board of Directors may deem relevant from time to time. As a result of the termination of REIT status effective as of January 1, 2015, we are planning to retain any available funds and future earnings to fund the development of our business. As a result, for the foreseeable future, we do not expect to make distributions.

Future offerings of debt securities, which would be senior to our common stock upon liquidation, or equity securities, which would be senior to our existing stockholders and may be senior to our common stock for the purposes of distributions, may harm the value of our common stock.

In the future, we may attempt to increase our capital resources by making additional offerings of debt or equity securities, including commercial paper, medium-term notes, senior or subordinated notes and classes of preferred stock or common stock, as well as warrants to purchase shares of common stock or convertible preferred stock. Upon the liquidation of the Company, holders of our debt securities and shares of preferred stock and lenders with respect to other borrowings will receive a distribution of our available assets prior to the holders of our common stock. Additional equity offerings by us may dilute the holdings of our existing stockholders and reduce the market value of our common stock, or both. Furthermore, our Board of Directors may, without stockholder approval, amend our charter to increase the aggregate number of shares or the number of shares of any class or series that we have the authority to issue, and to classify or reclassify any unissued shares of common stock or preferred stock. Because our decision to issue securities in offering will depend on market conditions and other factors beyond our control, we cannot predict or estimate the amount or nature of our future securities offerings. Our stockholders are therefore subject to the risk of our future securities offerings reducing the market price of our common stock and diluting their common stock.

The market value of our common stock may be volatile.

The market value of shares of our common stock may be highly volatile and subject to wide price fluctuations. In addition, the trading volume in our common stock may fluctuate and cause significant price variations to occur. Some of the factors that could negatively affect the share price or trading volume of our common stock include:

- actual or anticipated variations in our operating results;
- changes in our earnings estimates or publication of research reports about us or the real estate or specialty finance industry;
- increases in market interest rates that affect the value of our MBS portfolios;
- changes in our book value;
- changes in market valuations of similar companies;
- adverse market reaction to any increased indebtedness we incur in the future;
- departures of key management personnel;
- actions by institutional stockholders;
- speculation in the press or investment community; and

- general market and economic conditions.

We cannot make any assurances that the market price of our common stock will not fluctuate or decline significantly in the future.

Sales of our common stock may harm our share price.

There is very limited liquidity in the trading market for our common stock. Sales of substantial amounts of shares of our stock, or the perception that these sales could occur, may harm prevailing market prices for our common stock.

Risks Related to COVID-19

The market and economic disruptions caused by COVID-19 have negatively impacted our business.

The COVID-19 pandemic has caused and continues to cause significant disruptions to the U.S. and global economies and has contributed to volatility, illiquidity and dislocations in the financial markets. The COVID-19 outbreak has led governments and other authorities around the world to impose measures intended to control its spread, including restrictions on freedom of movement and business operations such as travel bans, border closings, closing non-essential businesses, quarantines and shelter-in-place orders. The market and economic disruptions caused by COVID-19 have negatively impacted and could further negatively impact our business.

Beginning in mid-March 2020, Agency MBS markets experienced significant volatility and sharp declines in liquidity, which negatively impacted our portfolio. Our portfolio was pledged as collateral under daily mark-to-market repurchase agreements. Fluctuations in the value of our Agency MBS resulted in margin calls, requiring us to post additional collateral with our lenders under these repurchase agreements. These fluctuations and requirements to post additional collateral were material.

The Agency MBS market largely stabilized after the Fed announced on March 23, 2020 that it would purchase Agency MBS U.S. Treasuries in the amounts needed to support smooth market functioning. The Fed continued to increase its holdings of U.S. Treasuries and Agency MBS throughout 2020 and 2021 however; in response to growing inflation concerns in late 2021, the Fed began tapering its net asset purchases and announced on January 26, 2022 that it would completely phase them out by early March 2022. If the COVID-19 outbreak continues or worsens, or if the current policy response changes or is ineffective, the Agency MBS market may experience significant volatility, illiquidity and dislocations in the future, which may adversely affect our results of operations and financial condition.

Our inability to access funding or the terms on which such funding is available could have a material adverse effect on our financial condition, particularly in light of ongoing market dislocations resulting from the COVID-19 pandemic.

Our ability to fund our operations, meet financial obligations and finance asset acquisitions is dependent upon our ability to and secure our repurchase agreements with our counterparties. Because repurchase agreements are short-term commitments of capital, lenders may respond to market conditions in ways that make it more difficult for us to renew or replace on a continuous basis maturing short-term borrowings and have imposed and may continue to impose more onerous terms when rolling such financings. If we are not able to renew our existing repurchase agreements or arrange for new financing on terms acceptable to us, or if we are required to post more collateral or face larger haircuts, we may have to curtail our asset acquisition activities and/or dispose of assets.

Issues related to financing are exacerbated in times of significant dislocation in the financial markets, such as those experienced during the COVID-19 pandemic. It is possible our lenders will become unwilling or unable to provide us with financing, and we could be forced to sell our assets at an inopportune time when prices are depressed. In addition, if the regulatory capital requirements imposed on our lenders change, they may be required to significantly increase the cost of the financing that they provide to us. Our lenders also have revised and may continue to revise the terms of such financings, including haircuts and requiring additional collateral in the form of cash, based on, among other factors, the regulatory environment and their management of actual and perceived risk.

Moreover, the amount of financing we receive under our repurchase agreements will be directly related to our lenders' valuation of assets that collateralize the outstanding borrowings. Typically, repurchase agreements grant the lender the absolute right to re-evaluate the fair market value of the assets that cover outstanding borrowings at any time. If a lender determines in its sole discretion that the value of the assets has decreased, the lender has the right to initiate a margin call. These valuations may be different than the values that we ascribe to these assets and may be influenced by recent asset sales at distressed levels by forced sellers. A margin call requires us to transfer additional assets to a lender without any advance of funds from the lender for such transfer or to repay a portion of outstanding borrowings. Significant margin calls could have a material adverse effect on our results of operations, financial condition, business, and liquidity, and could cause the value of our common stock to decline. In addition, we experienced an increase in haircuts on financings we have rolled. As haircuts are increased, we are required to post additional collateral. We may also be forced to sell assets at significantly depressed prices to meet such margin calls and to maintain adequate liquidity. As a result of the COVID-19 pandemic, we experienced margin calls in 2020 well beyond historical norms. As of December 31, 2021, we had met all margin call requirements, but a sufficiently deep and/or rapid increase in margin calls or haircuts will have an adverse impact on our liquidity.

We cannot predict the effect that government policies, laws and plans adopted in response to the COVID-19 pandemic and the global recessionary economic conditions will have on us.

Governments have adopted, and may continue to adopt, policies, laws and plans intended to address the COVID-19 pandemic and adverse developments in the economy and continued functioning of the financial markets. We cannot assure you that these programs will be effective, sufficient or will otherwise have a positive impact on our business.

There can be no assurance as to how, in the long term, these and other actions by the U.S. government will affect the liquidity and stability of the financial and mortgage markets or prepayments on Agency MBS. To the extent the financial or mortgage markets do not respond favorably to any of these actions, such actions do not function as intended, or prepayments increase materially as a result of these actions, our business, results of operations and financial condition may continue to be materially adversely affected.

Measures intended to prevent the spread of COVID-19 may disrupt our ability to operate our business.

In response to the outbreak of COVID-19 and the federal and state mandates implemented to control its spread, some of our employees are worked remotely until June of 2021. If our employees are unable to work effectively as a result of COVID-19, including because of illness, quarantines, office closures, ineffective remote work arrangements or technology failures or limitations, our operations could be adversely impacted. Further, remote work arrangements may increase the risk of cybersecurity incidents, data breaches or cyber-attacks, which could have a material adverse effect on our business and results of operations, due to, among other things, the loss of proprietary data, interruptions or delays in the operation of our business and damage to our reputation.

ITEM 1B. UNRESOLVED STAFF COMMENTS.

None.

ITEM 2. PROPERTIES.

Our executive offices and principal administrative offices are located at 3305 Flamingo Drive, Vero Beach, Florida, 32963, in an office building which Bimini Capital owns. This facility is shared with our subsidiaries and Orchid. This property is suitable and adequate for our business as currently conducted.

ITEM 3. LEGAL PROCEEDINGS.

On April 22, 2020, the Company received a demand for payment from Citigroup, Inc. in the amount of \$33.1 million related to the indemnification provisions of various mortgage loan purchase agreements ("MLPA's") entered into between Citigroup Global Markets

Realty Corp and Royal Palm Capital, LLC (f/k/a Opteum Financial Services, LLC) prior to the date Royal Palm's mortgage operations ceased in 2007. In November 2021, Citigroup notified the Company of additional indemnity claims totaling \$0.2 billion. The demands are based on Royal Palm's alleged breaches of certain representations and warranties in the related MLPA's. The Company believes the demands are without merit and intends to defend against the demands vigorously. No provision or accrual has been recorded as of December 31, 2021 related to the Citigroup demands.

We are not party to any other material pending legal proceedings as described in Item 103 of Regulation S-K.

ITEM 4. MINE SAFETY DISCLOSURES.

Not Applicable.

PART II

ITEM 5. MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF SECURITIES.

Market Information

Our Class A Common Stock is traded over-the-counter under the symbol "BMNM". As of March 11, 2022, we had 19,537 shares of Class A Common Stock issued and outstanding, which were held by 102 shareholders of record and 912 beneficial owners. Shares were held in "street name" by brokers and depository institutions.

As of March 11, 2022, we had 31,938 shares of Class B Common Stock outstanding, which were held by 2 holders of record and 31,938 shares of Class C Common Stock outstanding, which were held by one holder of record. There is no established public market for our Class B Common Stock or Class C Common Stock.

Dividend Distribution Policy

We have not made a distribution to stockholders since 2011. We are planning to retain any available funds and future earnings for the development and growth of our business. As a result, for the foreseeable future, we do not expect to make distributions.

Preferred Stock

Our charter authorizes us to issue preferred stock that could have a preference over our common stock with respect to distributions. If we were to issue any preferred stock, the distribution preference on the preferred stock could limit our ability to make distributions to the holders of our common stock.

Securities Authorized For Issuance Under Equity Compensation Plans

None.

Unregistered Sales of Equity Securities

None.

Issuer Purchases of Equity Securities

On March 26, 2018, the Board of Directors of the Company (the "Board") approved a Stock Repurchase Plan (the "2018 Plan"). Pursuant to the 2018 Repurchase Plan, the Company could purchase up to 500,000 shares of its Class A Common Stock from time to time, subject to certain limitations imposed by Rule 10b-18 of the Securities Exchange Act of 1934. The 2018 Repurchase Plan terminated on September 16, 2021.

On September 16, 2021, the Board authorized a share repurchase plan pursuant to Rule 10b5-1 of the Securities Exchange Act of 1934 (the "2021 Repurchase Plan"). Pursuant to the 2021 Repurchase Plan, the Company may purchase shares of its Class A Common Stock from time to time for an aggregate purchase price not to exceed \$2.5 million.

The table below presents the Company's share repurchase activity for the three months ended December 31, 2021.

	Total Number of Shares Repurchased	Weighted-Average Price Paid Per Share	Shares Purchased as Part of Publicly Announced Programs	Approximate Dollar Amount of Shares That May Yet Be Repurchased Under the Authorization
October 1, 2021 - October 31, 2021	64,849	\$ 2.01	64,849	\$ 2,369,860
November 1, 2021 - November 30, 2021	21,089	2.34	21,089	2,320,610
December 1, 2021 - December 31, 2021	6,349	2.13	6,349	2,307,095

Totals / Weighted Average	92,287	\$	2.09	92,287	\$	2,307,095
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ITEM 6. [RESERVED]

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS.

The following discussion of our financial condition and results of operations should be read in conjunction with the financial statements and notes to those statements included in Item 8 of this Form 10-K. The discussion may contain certain forward-looking statements that involve risks and uncertainties. Forward-looking statements are those that are not historical in nature. As a result of many factors, such as those set forth under "Risk Factors" in this Form 10-K, our actual results may differ materially from those anticipated in such forward-looking statements.

Overview

Bimini Capital Management, Inc. ("Bimini Capital" or the "Company") is a holding company that was formed in September 2003. The Company's principal wholly-owned operating subsidiary is Royal Palm Capital, LLC. We operate in two business segments: the asset management segment, which includes (a) the investment advisory services provided by Royal Palm's wholly-owned subsidiary Bimini Advisors Holdings, LLC, to Orchid, and (b) the investment portfolio segment, which includes the investment activities conducted by Royal Palm.

Bimini Advisors Holdings, LLC and its wholly-owned subsidiary, Bimini Advisors, LLC (an investment advisor registered with the Securities and Exchange Commission), are collectively referred to as "Bimini Advisors." Bimini Advisors serves as the external manager of the portfolio of Orchid Island Capital, Inc. ("Orchid"). From this arrangement, the Company receives management fees and expense reimbursements. As manager, Bimini Advisors is responsible for administering Orchid's business activities and day-to-day operations. Pursuant to the terms of the management agreement, Bimini Advisors provides Orchid with its management team, including its officers, along with appropriate support personnel. Bimini Advisors is at all times subject to the supervision and oversight of the Board of Directors and has only such functions and authority as delegated to it.

Royal Palm Capital, LLC (collectively with its wholly-owned subsidiaries referred to as "Royal Palm") maintains an investment portfolio consisting primarily of residential mortgage-backed securities ("MBS") issued and guaranteed by a federally chartered corporation or agency ("Agency MBS"). We also invest in the common stock of Orchid. Our investment strategy focuses on, and our portfolio consists of, two categories of Agency MBS: (i) traditional pass-through Agency MBS, such as mortgage pass-through certificates issued by Fannie Mae, Freddie Mac or Ginnie Mae (the "GSEs") and collateralized mortgage obligations ("CMOs") by the GSEs ("PT MBS") and (ii) structured Agency MBS, such as interest only securities ("IOs"), inverse interest only securities ("IIOs") and principal only securities ("POs"), among other types of structured Agency MBS. In addition, Royal Palm receives dividend investment in Orchid common shares.

Stock Repurchase Plans

On March 26, 2018, the Board of Directors of the Company approved a Stock Repurchase Plan the "2018 Repurchase Plan"). Pursuant to the 2018 Repurchase Plan, we could purchase up to 500,000 shares of the Company's Class A Common Stock from time to time, subject to certain limitations imposed by Rule 10b-18 of the Securities Exchange Act of 1934. The 2018 Repurchase Plan was terminated on September 16, 2021.

During the period beginning January 1, 2021 through September 16, 2021, the Company repurchased a total of 1,195 shares under the 2018 Repurchase Plan at an aggregate cost of approximately \$2,298, including commissions and fees, for a weighted average price of \$1.92 per share. From commencement of the 2018 Repurchase Plan, through its termination, the Company repurchased a total of 31,598 shares at an aggregate cost of approximately \$169,243, including commissions and fees, for a weighted average price of \$2.36 per share.

On September 16, 2021, the Board authorized a share repurchase plan pursuant to Rule 10b5-1 of the Securities Exchange Act of 1934 (the "2021 Repurchase Plan"). Pursuant to the 2021 Repurchase Plan, we may purchase shares of our Class A Common Stock from time to time for an aggregate purchase price not to exceed \$2.5 million. Share repurchases may be executed through various means,

including, without limitation, open market transactions. The 2021 Repurchase Plan does not obligate the Company to purchase any shares, and it expires on September 16, 2023. The authorization for the 2021 Repurchase Plan may be terminated, increased or decreased by the Company's Board of Directors in its discretion at any time. From the commencement of the 2021 Repurchase Plan, through December 31, 2021, we repurchased a total of 92,287 shares at an aggregate cost of approximately \$192,905, including commissions and fees, for a weighted average price of \$2.09 per share. Subsequent to December 31, 2021, and through March 10, 2022, the Company repurchased a total of 170,422 shares at an aggregate cost of approximately \$343,732, including commissions and fees, for a weighted average price of \$2.02 per share.

Tender Offer

In July 2021, we completed a "modified Dutch auction" tender offer and paid \$1.5 million, excluding fees and related expenses, to repurchase 812,879 shares of our Class A common stock, which were retired, at a price of \$1.85 per share.

Factors that Affect our Results of Operations and Financial Condition

A variety of industry and economic factors (in addition to those related to the COVID-19 pandemic) may impact our results of operations and financial condition. These factors include:

- interest rate trends;
- increases in our cost of funds resulting from increases in the Federal Funds rate that are controlled by the Fed and are likely to occur in 2022;
- the difference between Agency MBS yields and our funding and hedging costs;
- competition for, and supply of, investments in Agency MBS;
- actions taken by the U.S. government, including the presidential administration, the U.S. Federal Reserve (the "Fed"), the Federal Open Market Committee (the "FOMC"), The Federal Housing Finance Agency (the "FHFA") and the U.S. Treasury;
- prepayment rates on mortgages underlying our Agency MBS, and credit trends insofar as they affect prepayment rates;
- the equity markets and the ability of Orchid to raise additional capital;
- geo-political events that affect the U.S. and international economies, such as the current crisis in Ukraine; and
- other market developments.

In addition, a variety of factors relating to our business may also impact our results of operations and financial condition. These factors include:

- our degree of leverage;
- our access to funding and borrowing capacity;
- our borrowing costs;
- our hedging activities;
- the market value of our investments;
- the requirements to qualify for a registration exemption under the Investment Company Act;
- our ability to use net operating loss carryforwards and net capital loss carryforwards to reduce our taxable income;
- the impact of possible future changes in tax laws or tax rates; and
- our ability to manage the portfolio of Orchid and maintain our role as manager.

Results of Operations

Described below are the Company's results of operations for the year ended December 31, 2021, as compared to the year ended December 31, 2020.

Net Income(Loss) Summary

Consolidated net income for the year ended December 31, 2021 was \$0.3 million, or \$0.02 basic and diluted income per share of Class A Common Stock, as compared to consolidated net loss of \$5.5 million, or \$0.47 basic and diluted loss per share of Class A Common Stock, for the year ended December 31, 2020.

The components of net income (loss) for the years ended December 31, 2021 and 2020, along with the changes in those are presented in the table below:

(in thousands)

	2021	2020	Change
Advisory services revenue	\$ 9,788	\$ 6,795	\$ 2,993
Interest and dividend income	4,262	5,517	(1,255)
Interest expense	(1,113)	(2,225)	1,112
Net revenues	12,937	10,087	2,850
Other expense	(4,744)	(10,279)	5,535
Expenses	(8,286)	(6,666)	(1,620)
Net loss before income tax benefit	(93)	(6,858)	6,765
Income tax benefit	(368)	(1,369)	1,001
Net income (loss)	\$ 275	\$ (5,489)	\$ 5,764

GAAP and Non-GAAP Reconciliation

Economic Interest Expense and Economic Net Interest Income

We use derivative instruments, specifically Eurodollar and Treasury Note (“T-Note”) futures contracts and TBA short positions to hedge a portion of the interest rate risk on repurchase agreements in a rising rate environment.

We have not designated our derivative financial instruments as hedge accounting relationships, but rather hold them for economic purposes. Changes in fair value of these instruments are presented in a separate line item in our consolidated statements of operations and not included in interest expense. As such, for financial reporting purposes, interest expense and cost of funds are not impacted by the fluctuation in value of the derivative instruments.

For the purpose of computing economic net interest income and ratios relating to cost of funds measures, GAAP interest expense has been adjusted to reflect the realized and unrealized gains or losses on certain derivative instruments the Company uses that pertain to each period presented. We believe that adjusting our interest expense for the periods presented by the gains or losses on these derivative instruments would not accurately reflect our economic interest expense for these periods. The reason is that these derivative instruments may cover periods that extend into the future, not just the current period. Any realized or unrealized gains or losses on the instrument reflect the change in market value of the instrument caused by changes in underlying interest rates applicable to the term covered by the instrument, not just the current period.

For each period presented, we have combined the effects of the derivative financial instruments in place for the respective period with interest expense incurred on our borrowings to reflect total economic interest expense for the applicable period. Interest expense, including the effect of derivative instruments for the period, is referred to as economic interest expense. Net interest income, when calculated to include the effect of derivative instruments for the period, is referred to as economic net interest income.

We believe that economic interest expense and economic net interest income provide meaningful information to consider, in addition to the respective amounts prepared in accordance with GAAP. The non-GAAP measures help management to evaluate our financial position and performance without the effects of certain transactions and GAAP adjustments that are not necessarily indicative of our

current investment portfolio or operations. The gains or losses on derivative instruments presented in our consolidated statements of operations are not necessarily representative of the total interest rate expense that we will ultimately realize. This is because as interest rates move up or down in the future, the gains or losses we ultimately realize, and which will affect our total interest rate expense in future periods, may differ from the unrealized gains or losses recognized as of the reporting date.

Our presentation of the economic value of our hedging strategy has important limitations. First, other market participants may calculate economic interest expense and economic net interest income differently than the way we calculate them. Second, while we believe that the calculation of the economic value of our hedging strategy described above helps to present our financial position and performance, it may be of limited usefulness as an analytical tool. Therefore, the economic value of our investment strategy should not be viewed in isolation and is not a substitute for interest expense and net interest income computed in accordance with GAAP.

The tables below present a reconciliation of the adjustments to interest expense shown for each period relative to our derivative instruments, and the consolidated statements of operations line item, gains (losses) on derivative instruments, calculated in accordance with GAAP for the years ended December 31, 2021 and 2020 and for each quarter during 2021 and 2020. As a result of the market turning in the first quarter of 2020 several hedge positions were closed. However, the hedges closed were hedges that covered periods well beyond the first quarter of 2020. Accordingly, the open equity at the time these hedges were closed will result in adjustments to economic interest expense through the balance of their respective original hedge periods. Since the Company's portfolio was significantly reduced in the first quarter of 2020, the effect of applying the open equity at the time of closure of these hedge instruments to the current, and much smaller, repurchase agreement interest expense amounts has materially impacted the economic interest amounts reported below.

Gains (Losses) on Derivative Instruments - Recognized in Consolidated Statement of Operations (GAAP)

(in thousands)

Three Months Ended	Recognized in		
	Statement of Operations (GAAP)	TBA Securities Income (Loss)	Futures Contracts
December 31, 2021	\$ -	\$ -	\$ -
September 30, 2021	-	-	-
June 30, 2021	-	-	-
March 31, 2021	-	-	-
December 31, 2020	-	-	-
September 30, 2020	-	-	-
June 30, 2020	(2)	-	(2)
March 31, 2020	(5,291)	(1,441)	(3,850)
Years Ended			
December 31, 2021	\$ -	\$ -	\$ -
December 31, 2020	(5,293)	(1,441)	(3,852)

Gains (Losses) on Futures Contracts

(in thousands)

Three Months Ended	Attributed to Current Period (Non-GAAP)			Attributed to Future Periods (Non-GAAP)			Statement of Operations
	Junior		Total	Junior		Total	
	Repurchase Agreements	Subordinated Debt		Repurchase Agreements	Subordinated Debt		
December 31, 2021	\$ (707)	\$ (60)	\$ (767)	\$ 707	\$ 60	\$ 767	\$ -
September 30, 2021	(709)	(57)	(766)	709	57	766	-
June 30, 2021	(708)	(58)	(766)	708	58	766	-
March 31, 2021	(708)	(58)	(766)	708	58	766	-
December 31, 2020	(615)	(40)	(655)	615	40	655	-
September 30, 2020	(1,065)	(40)	(1,105)	1,065	40	1,105	-
June 30, 2020	(456)	(40)	(496)	456	38	494	(2)
March 31, 2020	(456)	(40)	(496)	(2,879)	(475)	(3,354)	(3,850)

Years Ended														
December 31, 2021	\$	(2,832)	\$	(233)	\$	(3,065)	\$	2,832	\$	233	\$	3,065	\$	-
December 31, 2020		(2,592)		(160)		(2,752)		(743)		(357)		(1,100)		(3,852)

Economic Net Portfolio Interest Income

(in thousands)

Three Months Ended	Interest Expense on Repurchase Agreements				Net Portfolio Interest Income	
	Interest Income	GAAP Basis	Effect of		GAAP Basis	Economic Basis ⁽³⁾
			Non-GAAP Hedges ⁽¹⁾	Economic Basis ⁽²⁾		
December 31, 2021	\$ 511	\$ 21	\$ (707)	\$ 728	\$ 490	\$ (217)
September 30, 2021	537	24	(709)	733	513	(196)
June 30, 2021	578	31	(708)	739	547	(161)
March 31, 2021	611	40	(708)	748	571	(137)
December 31, 2020	597	43	(615)	658	554	(61)
September 30, 2020	604	43	(1,065)	1,108	561	(504)
June 30, 2020	523	60	(456)	516	463	7
March 31, 2020	2,040	928	(456)	1,384	1,112	656
Years Ended						
December 31, 2021	\$ 2,237	\$ 116	\$ (2,832)	\$ 2,948	\$ 2,121	\$ (711)
December 31, 2020	3,764	1,074	(2,592)	3,666	2,690	98

(1) Reflects the effect of derivative instrument hedges for only the period presented.

(2) Calculated by subtracting the effect of derivative instrument hedges attributed to the period presented from GAAP interest expense.

(3) Calculated by adding the effect of derivative instrument hedges attributed to the period presented to GAAP net portfolio interest income.

Economic Net Interest Income

(in thousands)

Three Months Ended	Net Portfolio Interest Income		Interest Expense on Long-Term Debt			Net Interest Income	
	GAAP Basis	Economic Basis ⁽¹⁾	GAAP Basis	Effect of		GAAP Basis	Economic Basis ⁽⁴⁾
				Non-GAAP Hedges ⁽²⁾	Economic Basis ⁽³⁾		
December 31, 2021	\$ 490	\$ (217)	\$ 249	\$ (60)	\$ 309	\$ 241	\$ (526)
September 30, 2021	513	(196)	248	(57)	305	265	(501)
June 30, 2021	547	(161)	250	(58)	308	297	(469)
March 31, 2021	571	(137)	250	(58)	308	321	(445)
December 31, 2020	554	(61)	257	(40)	297	297	(358)
September 30, 2020	561	(504)	261	(40)	301	300	(805)
June 30, 2020	463	7	282	(40)	322	181	(315)
March 31, 2020	1,112	656	350	(40)	390	762	266
Years Ended							
December 31, 2021	\$ 2,121	\$ (711)	\$ 997	\$ (233)	\$ 1,230	\$ 1,124	\$ (1,941)
December 31, 2020	2,690	98	1,150	(160)	1,310	1,540	(1,212)

(1) Calculated by adding the effect of derivative instrument hedges attributed to the period presented to GAAP net portfolio interest income.

(2) Reflects the effect of derivative instrument hedges for only the period presented.

(3) Calculated by subtracting the effect of derivative instrument hedges attributed to the period presented from GAAP interest expense.

(4) Calculated by adding the effect of derivative instrument hedges attributed to the period presented to GAAP net interest income.

Segment Information

We have two operating segments. The asset management segment includes the investment advisory services provided by Bimini Orchid and Royal Palm. The investment portfolio segment includes the investment activities conducted by Royal Palm. Segment information for the years ended December 31, 2021 and 2020 is as follows:

(in thousands)

	Asset Management		Investment Portfolio		Corporate	Eliminations	Total
2021							
Advisory services, external customers	\$	9,788	\$	-	\$	-	\$ 9,788
Advisory services, other operating segments		147		-		(147)	-
Interest and dividend income		-		4,262		-	4,262
Interest expense		-		(116)		(997) ⁽²⁾	(1,113)
Net revenues		9,935		4,146		(997)	12,937
Other (expense) income		-		(4,898)		154 ⁽³⁾	(4,744)
Operating expense ⁽⁴⁾		(5,676)		(2,609)		-	(8,285)
Intercompany expense ⁽⁴⁾		-		(147)		-	-
Income (loss) before income taxes	\$	4,259	\$	(3,508)	\$	(843)	\$ (92)
Assets	\$	1,901	\$	111,022	\$	9,162	\$ 122,085
2020							
Advisory services, external customers	\$	6,795	\$	-	\$	-	\$ 6,795
Advisory services, other operating segments		152		-		(152)	-
Interest and dividend income		-		5,517		-	5,517
Interest expense		-		(1,074)		(1,151) ⁽²⁾	(2,225)
Net revenues		6,947		4,443		(1,151)	10,087
Other expense		-		(9,825)		(454) ⁽³⁾	(10,279)
Operating expense ⁽⁴⁾		(3,653)		(3,014)		-	(6,667)
Intercompany expense ⁽⁴⁾		-		(152)		-	-
Income (loss) before income taxes	\$	3,294	\$	(8,548)	\$	(1,605)	\$ (6,859)
Assets	\$	1,469	\$	113,764	\$	13,468	\$ 128,701

(1) Includes advisory services revenue received by Bimini Advisors from Royal Palm.

(2) Includes interest on long-term debt.

(3) Includes income recognized on the forgiveness of the PPP loan and gains (losses) on Eurodollar futures contracts entered into as a hedge on junior subordinated notes.

(4) Corporate expenses are allocated based on each segment's proportional share of total revenues.

Asset Management Segment

Advisory Services Revenue

Advisory services revenue consists of management fees and overhead reimbursements charged to Orchid for the management of portfolio pursuant to the terms of a management agreement. We receive a monthly management fee in the amount of:

- One-twelfth of 1.5% of the first \$250 million of Orchid's month-end equity, as defined in the management agreement,
- One-twelfth of 1.25% of Orchid's month-end equity that is greater than \$250 million and less than or equal to \$500 million, and
- One-twelfth of 1.00% of Orchid's month-end equity that is greater than \$500 million.

In addition, Orchid is obligated to reimburse us for any direct expenses incurred on its behalf and to pay to us an amount equal to Orchid's pro rata portion of certain overhead costs set forth in the management agreement. The management agreement has been

renewed through February 2023 and provides for automatic one-year extension options. Should Orchid terminate the management agreement without cause, it will be obligated to pay to us a termination fee equal to three times the average annual management fee as defined in the management agreement, before or on the last day of the automatic renewal term.

The following table summarizes the advisory services revenue received from Orchid for the years ended December 31, 2021 and 2020 and each quarter during 2021 and 2020.

(\$ in thousands)

Three Months Ended	Average Orchid MBS	Average Orchid Equity	Advisory Services		
			Management Fee	Overhead Allocation	Total
December 31, 2021	\$ 6,056,259	\$ 806,382	\$ 2,587	\$ 443	\$ 3,030
September 30, 2021	5,136,331	672,384	2,157	390	2,547
June 30, 2021	4,504,887	542,679	1,791	395	2,186
March 31, 2021	4,032,716	456,687	1,621	404	2,025
December 31, 2020	3,633,631	387,503	1,384	442	1,826
September 30, 2020	3,422,564	368,588	1,252	377	1,629
June 30, 2020	3,126,779	361,093	1,268	347	1,615
March 31, 2020	3,269,859	376,673	1,377	348	1,725
Years Ended					
December 31, 2021	\$ 4,932,548	\$ 619,533	\$ 8,156	\$ 1,632	\$ 9,788
December 31, 2020	3,363,208	373,464	5,281	1,514	6,795

Investment Portfolio Segment

Net Portfolio Interest Income

We define net portfolio interest income as interest income on MBS less interest expense on repurchase agreement funding. During the year ended December 31, 2021, we generated \$2.1 million of net portfolio interest income, consisting of \$2.2 million of interest income from MBS assets offset by \$0.1 million of interest expense on repurchase liabilities. For the year ended December 31, 2020, we generated \$2.7 million of net portfolio interest income, consisting of \$3.8 million of interest income from MBS assets offset by \$1.1 million of interest expense on repurchase liabilities. The \$1.5 million decrease in interest income for the year ended December 31, 2021 was due to a \$13.2 million decrease in average MBS balances, combined with a 136 basis point ("bp") decrease in yields earned on the portfolio. The \$1.0 million decrease in interest expense for the year ended December 31, 2021 was due to a 121 bp decrease in cost of funds, combined with a \$10.6 million decrease in average repurchase liabilities.

Our economic interest expense on repurchase liabilities for the years ended December 31, 2021 and 2020 was \$2.9 million and \$3.7 million, respectively, resulting in (\$0.7) million and \$0.1 million of economic net portfolio interest income, respectively.

The tables below provide information on our portfolio average balances, interest income, yield on assets, average repurchase agreement balances, interest expense, cost of funds, net interest income and net interest rate spread for each quarter in 2021 and 2020 and for the years ended December 31, 2021 and 2020 on both a GAAP and economic basis.

(\$ in thousands)

Three Months Ended	Average MBS Held ⁽¹⁾	Interest Income ⁽²⁾	Yield on Average MBS	Average Repurchase Agreements ⁽¹⁾	Interest Expense		Average Cost of Funds	
					GAAP Basis	Economic Basis ⁽²⁾	GAAP Basis	Economic Basis ⁽³⁾
December 31, 2021	\$ 62,597	\$ 511	3.27%	\$ 61,019	\$ 21	\$ 728	0.14%	4.77%
September 30, 2021	66,692	537	3.22%	67,253	24	733	0.14%	4.36%
June 30, 2021	70,925	578	3.26%	72,241	31	739	0.17%	4.09%
March 31, 2021	69,017	611	3.54%	69,104	40	748	0.23%	4.33%

December 31, 2020	69,161	597	3.45%	67,878	43	658	0.25%	3.88%
September 30, 2020	62,981	604	3.84%	61,151	43	1,108	0.28%	7.25%
June 30, 2020	53,630	523	3.90%	51,987	60	516	0.46%	3.97%
March 31, 2020	136,142	2,040	5.99%	131,156	928	1,384	2.83%	4.22%
Years Ended								
December 31, 2021	\$ 67,308	\$ 2,237	3.32%	\$ 67,404	\$ 116	\$ 2,948	0.17%	4.37%
December 31, 2020	80,479	3,764	4.68%	78,043	1,074	3,666	1.38%	4.70%

(\$ in thousands)

Three Months Ended	Net Portfolio Interest Income		Net Portfolio Interest Spread	
	GAAP Basis	Economic Basis ⁽²⁾	GAAP Basis	Economic Basis ⁽⁴⁾
	December 31, 2021	\$ 490	\$ (217)	3.13%
September 30, 2021	513	(196)	3.08%	(1.14)%
June 30, 2021	547	(161)	3.09%	(0.83)%
March 31, 2021	571	(137)	3.31%	(0.79)%
December 31, 2020	554	(61)	3.20%	(0.43)%
September 30, 2020	561	(504)	3.56%	(3.41)%
June 30, 2020	463	7	3.44%	(0.07)%
March 31, 2020	1,112	656	3.16%	1.77%
Years Ended				
December 31, 2021	\$ 2,121	\$ (711)	3.15%	(1.05)%
December 31, 2020	2,690	98	3.30%	(0.02)%

- (1) Portfolio yields and costs of borrowings presented in the tables above and the tables on pages 43 and 44 are calculated based on the average balances of the underlying investment portfolio/repurchase agreement balances and are annualized for the periods presented.
- (2) Economic interest expense and economic net interest income presented in the tables above and the tables on page 44 include the effect of derivative instrument hedges for only the period presented.
- (3) Represents interest cost of our borrowings and the effect of derivative instrument hedges attributed to the period related to hedging activities divided by average MBS held.
- (4) Economic net interest spread is calculated by subtracting average economic cost of funds from yield on average MBS.

Interest Income and Average Earning Asset Yield

Our interest income was \$2.2 million for the yearended December 31, 2021 and \$3.8 million for year ended December 31, 2020. Average MBS holdings were \$67.3 million and \$80.5 million for the years ended December 31, 2021 and 2020, respectively. The \$1.5 million decrease in interest income was due to a \$13.2 million decrease in average MBS holdings, combined with a 136 bp decrease in yields.

The table below presents the average portfolio size, income and yields of our respective sub-portfolios, consisting of structured and PT MBS through MBS ("PT MBS") for the years ended December 31, 2021 and 2020 and each quarter during 2021 and 2020.

(\$ in thousands)

Three Months Ended	Average MBS Held			Interest Income			Realized Yield on Average MBS		
	PT MBS	Structured MBS	Total	PT MBS	Structured MBS	Total	PT MBS	Structured MBS	Total
	December 31, 2021	\$ 59,701	\$ 2,896	\$ 62,597	\$ 500	\$ 11	\$ 511	3.35%	1.55%
September 30, 2021	64,641	2,051	66,692	533	4	537	3.30%	0.91%	3.22%
June 30, 2021	70,207	718	70,925	579	(1)	578	3.30%	(0.11)%	3.26%
March 31, 2021	68,703	314	69,017	605	6	611	3.53%	6.54%	3.54%
December 31, 2020	68,842	319	69,161	598	(1)	597	3.47%	(1.20)%	3.45%
September 30, 2020	62,564	417	62,981	588	16	604	3.76%	15.35%	3.84%

June 30, 2020	53,101	529	53,630	502	21	523	3.78%	16.12%	3.90%
March 31, 2020	135,044	1,098	136,142	2,029	11	2,040	6.01%	3.93%	5.99%
Years Ended									
December 31, 2021	\$ 65,813	\$ 1,495	\$ 67,308	\$ 2,217	\$ 20	\$ 2,237	3.37%	1.39%	3.32%
December 31, 2020	79,888	591	80,479	3,717	47	3,764	4.65%	7.98%	4.68%

Interest Expense on Repurchase Agreements and the Cost of Funds

Our average outstanding repurchase agreements were \$67.4 million and \$78.0 million, generating interest expense of \$0.1 million for the years ended December 31, 2021 and 2020, respectively. Our average cost of funds was 0.17% and 1.38% for the years ended December 31, 2021 and 2020, respectively. There was a 121 bp decrease in the average cost of funds and a \$10.6 million decrease in average outstanding repurchase agreements during the year ended December 31, 2021 as compared to the year ended December 31, 2020.

Our economic interest expense was \$2.9 million and \$3.7 million for the years ended December 31, 2021 and 2020, respectively. There was a 136 bp decrease in the average economic cost of funds to 4.37% for the year ended December 31, 2021 from 4.70% for the year ended December 31, 2020. The \$0.8 million decrease in economic interest expense was due to the decrease in interest expense on the repurchase agreements, partially offset by the negative performance of our hedging agreements attributed to the current period.

Since all of our repurchase agreements are short-term, changes in market rates directly affect our interest expense. Our average cost calculated on a GAAP basis was 5 bps above average one-month LIBOR and 9 bps below average six-month LIBOR for the quarter ended December 31, 2021. Our average economic cost of funds was 468 bps above average one-month LIBOR and 454 bps above average six-month LIBOR for the quarter ended December 31, 2021. The average term to maturity of the outstanding repurchases decreased from 33 days at December 31, 2020 to 16 days at December 31, 2021.

The tables below present the average outstanding balance under all repurchase agreements, interest expense and average cost of funds, and average one-month and six-month LIBOR rates for each quarter in 2021 and 2020 and for the years ended December 31, 2021 and 2020 on both a GAAP and economic basis.

(\$ in thousands)

Three Months Ended	Average Balance of Repurchase Agreements	Interest Expense		Average Cost of Funds	
		GAAP Basis	Economic Basis	GAAP Basis	Economic Basis
December 31, 2021	\$ 61,019	\$ 21	\$ 728	0.14%	4.77%
September 30, 2021	67,253	24	733	0.14%	4.36%
June 30, 2021	72,241	31	739	0.17%	4.09%
March 31, 2021	69,104	40	748	0.23%	4.33%
December 31, 2020	67,878	43	658	0.25%	3.88%
September 30, 2020	61,151	43	1,108	0.28%	7.25%
June 30, 2020	51,987	60	516	0.46%	3.97%
March 31, 2020	131,156	928	1,384	2.83%	4.22%
Years Ended					
December 31, 2021	\$ 67,404	\$ 116	\$ 2,948	0.17%	4.37%
December 31, 2020	78,043	1,074	3,666	1.38%	4.70%

Three Months Ended	Average LIBOR		Average GAAP Cost of Funds Relative to Average		Average Economic Cost of Funds Relative to Average	
	One-Month	Six-Month	One-Month LIBOR	Six-Month LIBOR	One-Month LIBOR	Six-Month LIBOR
December 31, 2021	0.09%	0.23%	0.05%	(0.09)%	4.68%	4.54%

September 30, 2021	0.09%	0.16%	0.05%	(0.02)%	4.27%	4.20%
June 30, 2021	0.10%	0.18%	0.07%	(0.01)%	3.99%	3.91%
March 31, 2021	0.13%	0.23%	0.10%	0.00%	4.20%	4.10%
December 31, 2020	0.15%	0.27%	0.10%	(0.02)%	3.73%	3.61%
September 30, 2020	0.17%	0.35%	0.11%	(0.07)%	7.08%	6.90%
June 30, 2020	0.55%	0.70%	(0.09)%	(0.24)%	3.42%	3.27%
March 31, 2020	1.34%	1.43%	1.49%	1.40%	2.88%	2.79%

Years Ended	Average GAAP Cost of Funds				Average Economic Cost of Funds	
	Relative to Average				Relative to Average	
	Average LIBOR		One-Month	Six-Month	One-Month	Six-Month
	One-Month	Six-Month	LIBOR	LIBOR	LIBOR	LIBOR
December 31, 2021	0.10%	0.20%	0.07%	(0.03)%	4.27%	4.17%
December 31, 2020	0.55%	0.69%	0.83%	0.69%	4.15%	4.01%

Dividend Income

We owned 1,520,036 shares of Orchid common stock as of December 31, 2019. We acquired 1,075,321 additional shares during the year ended December 31, 2020, bringing our total ownership to 2,595,357 shares as of December 31, 2021 and 2020. Orchid paid dividends of \$0.78 per share during 2021 and \$0.79 per share during 2020. During the years ended December 31, 2021 and 2020, we received dividends on this common stock investment of approximately \$2.0 million and \$1.8 million, respectively.

Long-Term Debt

Junior Subordinated Debt

Interest expense on our junior subordinated debt securities was approximately \$1.0 million and \$1.1 million for the years ended December 31, 2021 and 2020, respectively. The average rate of interest paid for the year ended December 31, 2021 was 3.66% compared to 4.22% for the year ended December 31, 2020. The junior subordinated debt securities pay interest at a floating rate. The rate is adjusted quarterly and set at a spread of 3.50% over the prevailing three-month LIBOR rate on the determination date. As of December 31, 2021, the interest rate was 3.70%.

Note Payable

On October 30, 2019, the Company borrowed \$680,000 from a bank. The note is payable in equal monthly principal and interest payments of approximately \$4,500 through October 30, 2039. Interest accrues at 4.89% through October 30, 2024. Thereafter, interest accrues based on the weekly average yield to the United States Treasury securities adjusted to a constant maturity of 5 years plus 0.25%. The note is secured by a mortgage on the Company's office building.

Paycheck Protection Plan Loan

On April 13, 2020, the Company received approximately \$152,000 through the Paycheck Protection Program ("PPP") of the CARES Act in the form of a low interest loan. The Small Business Administration notified the Company that, effective as of April 22, 2021, principal and accrued interest under the PPP loan has been forgiven.

Gains or Losses and Other Income

The table below presents our gains or losses and other income for the years ended December 31, 2021 and 2020.

(in thousands)

	2021	2020	Change
Realized gains (losses) on sales of MBS	\$ 69	\$ (5,745)	\$ 5,814
Unrealized (losses) gains on MBS	(3,099)	112	(3,211)
Total losses on MBS	(3,030)	(5,633)	2,603
Losses on derivative instruments	-	(5,293)	5,293
Gains on retained interests in securitizations	-	59	(59)
Unrealized (losses) gains on Orchid Island Capital, Inc. common stock	(1,869)	584	(2,453)

We invest in MBS with the intent to earn net income from the realized yield on those assets over their related funding and hedging costs, and not for the purpose of making short term gains from trading in these securities. However, we have sold, and may continue to sell, existing assets to acquire new assets, which our management believes might have higher risk-adjusted returns in light of current anticipated interest rates, federal government programs or general economic conditions or to manage our balance sheet as part of our asset/liability management strategy. During the year ended December 31, 2021, we received proceeds of \$13.1 million from the sales of MBS compared to \$176.2 million for the year ended December 31, 2020. Most of the 2020 sales occurred during the second half of 2020 as we sold assets in order to maintain our leverage ratio at prudent levels, maintain sufficient cash and liquidity and reduce risk associated with the market turmoil brought about by COVID-19.

The fair value of our MBS portfolio and derivative instruments, and the gains (losses) reported on those financial instruments, are sensitive to changes in interest rates. The table below presents historical interest rate data as of each quarter end during 2021 and 2020.

	5 Year Treasury Rate ⁽¹⁾	10 Year Treasury Rate ⁽¹⁾	15 Year Fixed-Rate Mortgage Rate ⁽²⁾	30 Year Fixed-Rate Mortgage Rate ⁽²⁾	Three Month Libor ⁽³⁾
December 31, 2021	1.26%	1.51%	2.35%	3.10%	0.21%
September 30, 2021	1.00%	1.53%	2.18%	2.90%	0.12%
June 30, 2021	0.87%	1.44%	2.27%	2.98%	0.13%
March 31, 2021	0.94%	1.75%	2.39%	3.08%	0.19%
December 31, 2020	0.36%	0.92%	2.22%	2.68%	0.23%
September 30, 2020	0.27%	0.68%	2.39%	2.89%	0.24%
June 30, 2020	0.29%	0.65%	2.60%	3.16%	0.31%
March 31, 2020	0.38%	0.70%	2.89%	3.45%	1.10%

- (1) Historical 5 Year and 10 Year Treasury Rates are obtained from quoted end of day prices on the Chicago Board Options Exchange.
- (2) Historical 30 Year and 15 Year Fixed Rate Mortgage Rates are obtained from Freddie Mac's Primary Mortgage Market Survey.
- (3) Historical LIBOR are obtained from the Intercontinental Exchange Benchmark Administration Ltd.

Operating Expenses

For the year ended December 31, 2021, our total operating expenses were approximately \$8.3 million compared to \$6.7 million for the year ended December 31, 2020. The table below presents a breakdown of operating expenses for the years ended December 31, 2021 and 2020.

(in thousands)

	2021	2020	Change
Compensation and benefits	\$ 5,721	\$ 4,235	\$ 1,486
Legal fees	137	145	(8)
Accounting, auditing and other professional fees	377	431	(54)
Directors' fees and liability insurance	763	691	72
Administrative and other expenses	1,287	1,165	122
	\$ 8,285	\$ 6,667	\$ 1,618

The increase in compensation and benefits in 2021 compared to 2020 reflects an evaluation performed by the Company's Board Directors of the performance of the Company's executive officers, particularly the increase in advisory services revenue.

Financial Condition:

Mortgage-Backed Securities

As of December 31, 2021, our MBS portfolio consisted of \$60.8 million of agency or government MBS at fair value and had a weighted average coupon of 3.41%. During the year ended December 31, 2021, we received principal repayments of \$14.5 million compared to \$13.9 million for the year ended December 31, 2020. The average prepayment speeds for the quarters ended December 2021 and 2020 were 21.1% and 14.4%, respectively.

The following table presents the three-month constant prepayment rate ("CPR") experienced on our structured and PT MBS sub-portfolios, on an annualized basis, for the quarterly periods presented. CPR is a method of expressing the prepayment rate for a pool of mortgage loans that assumes that a constant fraction of the remaining principal is prepaid each month or year. Specifically, the CPR in the chart below represents the three month prepayment rate of these securities in the respective asset category.

Three Months Ended	Structured		Total Portfolio (%)
	PT MBS Portfolio (%)	MBS Portfolio (%)	
December 31, 2021	13.7	35.2	21.1
September 30, 2021	15.5	26.9	18.3
June 30, 2021	21.0	31.3	21.9
March 31, 2021	18.5	16.4	18.3
December 31, 2020	12.8	24.5	14.4
September 30, 2020	13.0	32.0	15.8
June 30, 2020	12.4	25.0	15.3
March 31, 2020	11.6	18.1	13.7

The following tables summarize certain characteristics of our PT MBS and structured MBS as of December 31, 2021 and 2020:

(\$ in thousands)

Asset Category	Fair Value	Percentage of Entire Portfolio	Weighted Average Coupon	Weighted Average Maturity in Months	Longest Maturity
December 31, 2021					
Fixed Rate PT MBS	\$ 58,029	95.4%	3.69%	330	1-Sep-51
Interest-Only Securities	2,759	4.6%	2.86%	306	15-May-51
Inverse Interest-Only Securities	15	0.0%	5.90%	209	15-May-39
Total Mortgage Assets	\$ 60,803	100.0%	3.41%	329	1-Sep-51
December 31, 2020					
Fixed Rate PT MBS	\$ 64,902	99.6%	3.89%	333	1-Aug-50
Interest-Only Securities	251	0.4%	3.56%	299	15-Jul-48
Inverse Interest-Only Securities	25	0.0%	5.84%	221	15-May-39
Total Mortgage Assets	\$ 65,178	100.0%	3.89%	333	1-Aug-50

(\$ in thousands)

Agency	December 31, 2021		December 31, 2020	
	Fair Value	Percentage of Entire Portfolio	Fair Value	Percentage of Entire Portfolio

Fannie Mae	\$	39,703	65.3%	\$	38,946	59.8%
Freddie Mac		21,100	34.7%		26,232	40.2%
Total Portfolio	\$	60,803	100.0%	\$	65,178	100.0%

		December 31, 2021		December 31, 2020	
Weighted Average Pass-through Purchase Price	\$	109.33	\$	109.51	
Weighted Average Structured Purchase Price	\$	4.81	\$	4.28	
Weighted Average Pass-through Current Price	\$	109.30	\$	112.67	
Weighted Average Structured Current Price	\$	9.87	\$	3.20	
Effective Duration		2.103		3.309	

(1) Effective duration is the approximate percentage change in price for a 100 bp change in rates. An effective duration of 2.103 indicates that an interest rate increase of 1.0% would be expected to cause a 2.103% decrease in the value of the MBS in our investment portfolio at December 31, 2021. An effective duration of 3.309 indicates that an interest rate increase of 1.0% would be expected to cause a 3.309% decrease in the value of the MBS in our investment portfolio at December 31, 2020. These figures include the structured securities in the portfolio but do not include the effect of our funding cost hedges. Effective duration quotes for individual investments are obtained from The Yield Book, Inc.

The following table presents a summary of our portfolio assets acquired during the years ended December 31, 2021 and 2020.

(\$ in thousands)

	2021			2020		
	Total Cost	Average Price	Weighted Average Yield	Total Cost	Average Price	Weighted Average Yield
PT MBS	\$ 23,338	\$ 106.48	1.41%	\$ 43,130	\$ 111.44	1.99%
Structured MBS	2,852	10.01	3.44%	-	-	0.00%

Our portfolio of PT MBS is typically comprised of adjustable-rate MBS, fixed-rate MBS and hybrid adjustable-rate MBS. We generally seek lower duration assets that offer high levels of protection from mortgage prepayments provided that they are reasonably priced by the market. The stated contractual final maturity of the mortgage loans underlying our portfolio of PT MBS generally ranges from 30 years. However, the effect of prepayments of the underlying mortgage loans tends to shorten the resulting cash flows from our investments substantially. Prepayments occur for various reasons, including refinancing of underlying mortgages, loan payoffs in connection with home sales, and borrowers paying more than their scheduled loan payments, which accelerates the amortization of loans.

The duration of our IO and IIO portfolio will vary greatly depending on the structural features of the securities. While active prepayments always affect the cash flows associated with the securities, the interest only nature of IO's may cause their durations to become more negative when prepayments are high, and less negative when prepayments are low. Prepayments affect the durations of IIO's early, but the floating rate nature of the coupon of IIOs (which is inversely related to the level of one month LIBOR) causes their price movements - and model duration - to be affected by changes in both prepayments and one month LIBOR - both current and anticipated. As a result, the duration of IIO securities will also vary greatly.

Prepayments on the loans underlying our MBS can alter the timing of the cash flows received by us. As a result, we gauge the rate sensitivity of its assets by measuring their effective duration. While modified duration measures the price sensitivity of a bond to movements in interest rates, effective duration captures both the movement in interest rates and the fact that cash flows to a mortgage related security are altered when interest rates move. Accordingly, when the contract interest rate on a mortgage loan is substantially above prevailing interest rates in the market, the effective duration of securities collateralized by such loans can be quite low because of expected prepayments.

We face the risk that the market value of our PT MBS assets will increase or decrease at different rates than that of our structured

MBS or liabilities, including our hedging instruments. Accordingly, we assess our interest rate risk by estimating the duration of our assets and the duration of our liabilities. We generally calculate duration and effective duration using various third-party models or obtain these figures from third-parties. However, empirical results and various third-party models may produce different duration numbers for the securities.

The following sensitivity analysis shows the estimated impact on the fair value of our interest rate-sensitive investments and hedge positions as of December 31, 2021, assuming rates instantaneously fall 100 bps, rise 100 bps and rise 200 bps, adjusted to reflect the impact of convexity, which is the measure of the sensitivity of our hedge positions and Agency MBS' effective duration to interest rates.

(\$ in thousands)

MBS Portfolio	Fair Value	\$ Change in Fair Value			% Change in Fair Value		
		-100BPS	+100BPS	+200BPS	-100BPS	+100BPS	+200BPS
Fixed Rate MBS	\$ 58,029	\$ 1,830	\$ (2,594)	\$ (5,654)	3.15%	(4.47)%	(9.74)%
Interest-Only MBS	2,759	(813)	651	999	(29.48)%	23.59%	36.21%
Inverse Interest-Only MBS	15	1	(2)	(4)	5.51%	(14.75)%	(29.76)%
Total MBS Portfolio	\$ 60,803	\$ 1,018	\$ (1,945)	\$ (4,659)	1.67%	(3.20)%	(7.66)%

In addition to changes in interest rates, other factors impact the fair value of our interest rate-sensitive investments and hedging instruments, such as the shape of the yield curve, market expectations as to future interest rate changes and other market conditions. Accordingly, in the event of changes in actual interest rates, the change in the fair value of our assets would likely differ from that above and such difference might be material and adverse to our stockholders.

Repurchase Agreements

As of December 31, 2021, we had established borrowing facilities in the repurchase agreement market with a number of bank and commercial financial institutions and had borrowings in place with five of these counterparties. We believe these facilities provide borrowing capacity in excess of our needs. None of these lenders are affiliated with the Company. These borrowings are secured by MBS and cash.

As of December 31, 2021, we had obligations outstanding under the repurchase agreements of approximately \$58.9 million with a weighted average borrowing cost of 0.14%. The remaining maturity of our outstanding repurchase agreement obligations ranged from 1 to 30 days, with a weighted average maturity of 16 days. Securing the repurchase agreement obligation as of December 31, 2021 are MBS with an estimated fair value, including accrued interest, of \$61.0 million and a weighted average maturity of 330 months, and cash collateral of \$1.4 million. Through March 11, 2022, we have been able to maintain our repurchase facilities with comparable terms to those that existed at December 31, 2021 with maturities through May 16, 2022.

The table below presents information about our period-end and average repurchase agreement obligations for each quarter in 2021 and 2020.

(\$ in thousands)

Three Months Ended	Ending Balance of Repurchase Agreements	Maximum Balance of Repurchase Agreements	Average Balance of Repurchase Agreements	Difference Between Ending Repurchase Agreements and Average Repurchase Agreements	
				Amount	Percent
December 31, 2021	\$ 58,878	\$ 62,139	\$ 61,019	\$ (2,141)	(3.51)%
September 30, 2021	63,160	72,047	67,253	(4,093)	(6.09)%
June 30, 2021	71,346	72,372	72,241	(895)	(1.24)%
March 31, 2021	73,136	76,004	69,104	4,032	5.83%
December 31, 2020	65,071	70,684	67,878	(2,807)	(4.14)%

September 30, 2020	70,685	70,794	61,151	9,534	15.59%
June 30, 2020	51,617	52,068	51,987	(370)	(0.71)%
March 31, 2020	52,357	214,921	131,156	(78,799)	(60.08)%

- (1) The higher ending balance relative to the average balance during the quarter ended September 30, 2020 reflects the increase in the portfolio. During that quarter, the Company's investment in PT MBS increased \$20.4 million.
- (2) The lower ending balance relative to the average balance during the quarter ended March 31, 2020 reflects the Company's response to the COVID-19 pandemic. During that quarter, the Company's investment in PT MBS decreased \$162.4 million.

Liquidity and Capital Resources

Liquidity is our ability to turn non-cash assets into cash, purchase additional investments, repay principal and interest on fund borrowings and fulfill margin calls. We have both internal and external sources of liquidity. However, our material unused sources of liquidity include cash balances, unencumbered assets and our ability to sell encumbered assets to raise cash. At the onset of the COVID-19 pandemic in the spring of 2020, the markets the Company operates in were severely disrupted and the Company was forced to rely on these sources of liquidity. Our balance sheet also generates liquidity on an on-going basis through payments of principal and interest we receive on our MBS portfolio and dividends we receive on our investment in Orchid common stock.

Internal Sources of Liquidity

Our internal sources of liquidity include our cash balances, unencumbered assets and our ability to liquidate our encumbered holdings. Our balance sheet also generated liquidity on an ongoing basis through payments of principal and interest we receive on our MBS portfolio and dividends we receive on our investment in Orchid common stock.

We have previously, and may again in the future, employ a hedging strategy that typically involves taking short positions in Eurodollar futures, TBA futures, TBAs or other instruments. When the market causes these short positions to decline in value we are required to meet margin calls with cash. This can reduce our liquidity position to the extent other securities in our portfolio move in price in such a way that we do not receive enough cash through margin calls to offset the Eurodollar related margin calls. If this were to occur in a significant manner, the loss of liquidity might force us to reduce the size of the levered portfolio, pledge additional structured securities to raise funds or risk operating the portfolio with less liquidity.

External Sources of Liquidity

Our primary external sources of liquidity are our ability to (i) borrow under master repurchase agreements and (ii) use the TBA market. Our borrowing capacity will vary over time as the market value of our interest earning assets varies. Our master repurchase agreements have no stated expiration, but can be terminated at any time at our option or at the option of the counterparty. However, once a definitive repurchase agreement under a master repurchase agreement has been entered into, it generally may not be terminated by either party. A negotiated termination can occur, but may involve a fee to be paid by the party seeking to terminate the repurchase agreement transaction.

Under our repurchase agreement funding arrangements, we are required to post margin at the initiation of the borrowing. The posted margin represents the haircut, which is a percentage of the market value of the collateral pledged. To the extent the market value of the collateralizing the financing transaction declines, the market value of our posted margin will be insufficient and we will be required to post additional collateral. Conversely, if the market value of the asset pledged increases in value, we would be over collateralized and we would be entitled to have excess margin returned to us by the counterparty. Our lenders typically value our pledged securities daily to ensure the adequacy of our margin and make margin calls as needed, as do we. Typically, but not always, the parties agree to a threshold amount for margin calls so as to avoid the need for nuisance margin calls on a daily basis. Our master repurchase agreements specify the haircut; rather haircuts are determined on an individual repurchase transaction basis.

As discussed above, we invest a portion of our capital in structured MBS. We generally do not apply leverage to this portion of portfolio. The leverage inherent in structured securities replaces the leverage obtained by acquiring PT securities and funding them in the purchase market. This structured MBS strategy has been a core element of the Company's overall investment strategy since 2008. However, we have and may continue to pledge a portion of our structured MBS in order to raise our cash levels, but generally will not pledge these securities in order to acquire additional assets.

In future periods we expect to continue to finance our activities through repurchase agreements. As of December 31, 2021, we had cash and cash equivalents of \$8.4 million. We generated cash flows of \$16.7 million from principal and interest payments on our MBS portfolio and had average repurchase agreements outstanding of \$67.4 million during the year ended December 31, 2021. In addition, during the year ended December 31, 2021, we received approximately \$9.4 million in management fees and expense reimbursements from our manager of Orchid and approximately \$2.0 million in dividends from our investment in Orchid common stock.

In order to generate additional cash to be invested in our MBS portfolio, on October 30, 2019, we obtained a \$680,000 loan by a secured mortgage on the Company's office property. The loan is payable in equal monthly principal and interest installments of \$1,500 through October 30, 2039. Interest accrued at 4.89%, through October 30, 2024. Thereafter, interest accrued based on the weekly yield to the United States Treasury securities adjusted to a constant maturity of five years, plus 3.25%. Net loan proceeds were approximately \$651,000. In addition, during 2020, we completed the sale of real property that was not used in the Company's business. Proceeds from this sale were approximately \$462,000 and were invested in our MBS portfolio.

Outlook

Orchid Island Capital Inc.

To the extent Orchid is able to increase its capital base over time, we will benefit via increased management fees. In addition, Orchid is obligated to reimburse us for direct expenses paid on its behalf and to pay to us Orchid's pro rata share of overhead as defined in the management agreement. As a stockholder of Orchid, we will also continue to share in distributions, if any, paid by Orchid to its stockholders. Our operating results are also impacted by changes in the market value of our holdings of Orchid common shares, although market value changes do not impact our cash flows from Orchid.

The independent Board of Directors of Orchid has the ability to terminate the management agreement and thus end our ability to collect management fees and share overhead costs. Should Orchid terminate the management agreement without cause, it will be obligated to pay us a termination fee equal to three times the average annual management fee, as defined in the management agreement, on the last day of the current automatic renewal term.

Economic Summary

COVID-19 continued to impact the United States and the rest of the world during the fourth quarter of 2021 and into the first quarter of 2022. The most recent variant, Omicron, spreads much more readily than past variants, but also tends to be much less severe. Instances of new cases spiked rapidly, starting in December of 2021 and peaked, in the U.S., the week ended January 16, 2022 at 5.58 million. Since then, cases have declined fairly rapidly, as have hospitalizations, which have also tended to involve shorter stays in the hospital, especially in comparison to the Delta variant. Despite the Omicron wave, the economy added 181,000 jobs in January 2022, 678,000 jobs in February 2022 and January retail sales also rose well above estimates at 3.8%, causing the markets and the Fed to meaningfully revise expectations for the path of monetary policy in 2022 and beyond.

The rationale for the shift in expectations for monetary policy was found in the economic data that was released during the fourth quarter of 2021. There were several economic indicators that reached milestone levels and made it clear the economy had more than recovered from the pandemic. The Fed focuses on two areas of economic performance – inflation and the labor market – tied to their mandates of stable prices and maximum employment. With respect to inflation, the year-over-year consumer price index reading

increased from the 4% increase reported in September of 2021 to 5.43% in December of 2021. Core personal consumption expenditures – the Fed’s preferred inflation measure – increased from 3.7% year-over-year to 4.85% between September and December of 2021. In the latter case, this was the highest reading since the early 1980s. The producer price index was also rapidly approaching 7% year over year in December of 2021. This led the Fed to formally declare that their assessment of inflation as “transitory” was no longer the case.

Labor market indicators also reached new milestones. Initial claims for unemployment insurance breached the 200,000 level during the fourth quarter of 2021—the first time this happened since the late 1960s. Continuing claims for unemployment insurance reached levels even lower than the lows reached prior to the pandemic, and the unemployment rate reached 3.9% in December, 0.4% above the lowest level reached prior to the pandemic but below the Fed’s long-term target level and their proxy for full employment. The final piece of information was gross domestic product growth of 6.9% for the fourth quarter, released in January 2022. The Fed’s outlook for monetary policy pivoted materially beginning in November of 2021.

The economic data has strengthened further in early 2022. In particular, measures of inflation have accelerated from the trend late 2021 and are very broad based, as prices for essentially every category of goods and services are accelerating. The employment has been very strong, exhibiting little effect from the Omicron variant. The combination of accelerating inflation well above the target level and a very tight labor market have led the market to anticipate the Fed will react aggressively soon. The Fed has signaled they are about to start an accelerated removal of the extreme monetary accommodation necessitated by the pandemic. In January of 2022 the FOMC announced they would end their asset purchases in March of 2022 and were likely to start decreasing the investment of their U.S. Treasury and MBS assets as they matured or were repaid starting shortly after their first rate hike. The first hike is likely to be in March as well. Current pricing in the futures market indicates the Fed will increase the Fed Funds rate at five times by January of 2023 and by approximately 75 basis points more in 2023.

Based solely on domestic economic developments of late the Fed is likely to aggressively remove their accommodative policy. However, a potentially significant geo-political development has unfolded in the Ukraine. Russia invaded Ukraine on February 24, 2022. The United States and several NATO allies have imposed significant economic sanctions that are likely to cripple the Russian economy and currency, the Ruble. Should the situation deteriorate further and military action lead to a protracted war, there would likely be an economic impact on Europe and therefore indirectly in the U.S., potentially slowing economic activity at the margin and possibly lessening the need for the Fed to remove monetary policy as aggressively as expected otherwise.

Legislative Response and the Federal Reserve

Congress passed the CARES Act (described below) quickly in response to the pandemic’s emergence during the spring of 2020. As provisions of the CARES Act expired and the effects of the pandemic continued to adversely impact the country, the federal government passed an additional stimulus package in late December of 2020. Further, on March 11, 2021, President Biden signed into law an additional \$1.9 trillion coronavirus aid package as part of the American Rescue Plan Act of 2021. This law provided for, among other things, direct payments to most Americans with a gross income of less than \$75,000 a year, expansion of the child tax credit, extension of expanded unemployment benefits through September 6, 2021, funding for procurement of vaccines and health care, funding for qualified businesses, funding for rental and mortgage assistance and funding for schools. The expanded federal unemployment benefits expired on September 6, 2021. In addition, the Fed provided as much support to the markets and the economy as possible within the constraints of its mandate.

During the third quarter of 2020, the Fed unveiled a new monetary policy framework focused on average inflation rate that allows the Fed Funds rate to remain quite low, even if inflation is expected to temporarily surpass the 2% target level. Further, the Fed stated they would look past the presence of very tight labor markets, should they be present at the time. This marks a significant departure from their prior policy framework, which was focused on the unemployment rate as a key indicator of impending inflation. Adherence to this policy could steepen the U.S. Treasury curve as short-term rates could remain low for a considerable period but longer-term rates could rise given the Fed’s intention to let inflation potentially run above 2% in the future as the economy more fully

recovers. As mentioned above, this policy shift will not likely have an effect on current monetary policy as inflation is now considerably higher than the Fed's 2% target level and the Fed appears likely to move quickly to remove the extreme monetary accommodation they provided as the pandemic emerged in the U.S. in the spring of 2020.

Interest Rates

At the beginning of 2021, interest rates were still close to the lowest levels ever observed. As the country and economy emerged from the effects of the pandemic and the federal government and the Fed took unprecedented actions to buttress the economy from the effects of the pandemic, interest rates increased over the course of the year. Increases in interest rates were not uniform over the year as shorter maturity rates, typically more sensitive to anticipated increases in short term rates controlled by the Fed, increased more than longer term rates. As inflation accelerated in the fourth quarter of 2021, and even more so in early 2022, this trend intensified and the spread between certain intermediate rates – such as 5-year and 7-year maturities – trade at yields only marginally higher than longer-term rates such as 10-year U.S. Treasuries. This flattening of the rates curve is typical as the economy strengthens and the market anticipates increases in short-term rates by the Fed. As economic and/or inflation data strengthen and the market anticipates progressively more increases in short-term rates, this flattening effect intensifies as well. Eventually the rates curve could invert, whereby the intermediate rates mentioned above actually yield more than longer-term rates. This would occur when the market anticipates the increases to short-term rates by the Fed will actually slow the economy too much in the future and a recession is on the horizon. However, recent developments in the Ukraine have reversed some of the compression in the treasury curve as shorter term rates have decreased more than longer-term rates, a sign of a “flight to quality” rally as investors across the globe seek the safety of short-term US treasury securities in times of duress. Given the unprecedented nature of the monetary and fiscal stimulus needed to combat the pandemic and the related supercharged effect on the economy, the current recovery and the next recession cycle will be even more difficult to manage by the Fed and we expect that such an outcome is more likely to occur than in previous cycles.

The Agency MBS Market

As was anticipated, the Fed announced a tapering of their U.S. Treasury and Agency MBS asset purchases at their November 2021 meeting. As described above, the forthcoming data was likely to necessitate an accelerated pace of accommodation removal and in December of 2021, and again in January of 2022, the Fed announced revised schedules for tapering. This means a material source of demand for Agency MBS is about to leave the market. Given Fed purchases are a source of reserves into the banking system, this also means banks, which have also been a material source for Agency MBS, may also be buying fewer securities. However, the securities that were the focus of the Fed and bank buying, namely production coupon securities, performed relatively well during the fourth quarter of 2021.

Total returns for Agency MBS for the quarter and year ended December 31, 2021 were -0.4% and -1.2%, respectively. Agency MBS returns generally trailed other major domestic fixed income categories. High yield debt returned 0.7% and 5.4% for the quarter and year ended December 31, 2021, respectively. Investment grade returns for the same two periods were 0.2% and -1.0%, respectively. Legacy non-Agency MBS returns were equal to or exceeded high yield returns. Relative to comparable duration U.S. Treasuries Agency MBS returns were -1.0% and -1.6%, respectively for the same two periods. Again, these returns trailed the same major domestic fixed-income categories and by comparable amounts. Within the Agency MBS 30-year coupons, production coupons – 2.0% and 2.5% - outperformed higher, liquid securities – 3.0% and 3.5% - both on absolute terms and relative to comparable duration U.S. Treasuries for the fourth quarter of 2021.

Recent Legislative and Regulatory Developments

The Fed conducted large scale overnight repo operations from late 2019 until July 2020 to address disruptions in the U.S. Treasury, Agency debt and Agency MBS financing markets. These operations ceased in July 2020 after the central bank successfully lowered funding costs that had threatened to cause disruption across the financial system.

The Fed has taken a number of other actions to stabilize markets as a result of the impacts of the COVID-19 pandemic. On March 15, 2020, the Fed announced a \$700 billion asset purchase program to provide liquidity to the U.S. Treasury and Agency MBS markets. Specifically, the Fed announced that it would purchase at least \$500 billion of U.S. Treasuries and at least \$200 billion of Agency MBS. The Fed also lowered the Fed Funds rate to a range of 0.0% – 0.25%, after having already lowered the Fed Funds rate by 50 bps on March 3, 2020. On June 30, 2020, Fed Chairman Powell announced expectations to maintain interest rates at this level and the Fed is confident that the economy has weathered recent events and is on track to achieve maximum employment and stability goals. The Federal Open Market Committee (“FOMC”) continued to reaffirm this commitment at all subsequent meetings through December of 2021, as well as an intention to allow inflation to climb modestly above their 2% target and maintain that level for sufficient for inflation to average 2% long term. On January 26, 2022, the FOMC reiterated its goals of maximum employment and a long-run inflation rate and stated that, with a strong labor market and inflation well above 2%, it expected it would soon be appropriate to raise the target federal funds rate.

The COVID-19 pandemic and the actions taken to contain and minimize its impact resulted in the deterioration of the markets U.S. Treasuries, Agency MBS and other mortgage and fixed income markets. As a result, investors liquidated significant holdings in these assets. In response, on March 23, 2020, the Fed announced a program to acquire U.S. Treasuries and Agency MBS in the amounts needed to support smooth market functioning. With these purchases, market conditions improved substantially, and in April, the Fed began to gradually reduce the pace of these purchases. Through November of 2021, the Fed was committed to purchasing \$80 billion of U.S. Treasuries and \$40 billion of Agency MBS each month. In November of 2021, it began tapering its asset purchases each month, reducing them to \$70 billion, \$60 billion and \$40 billion of U.S. Treasuries and \$35 billion, \$30 billion and \$20 billion of Agency MBS in November of 2021, December of 2021 and January of 2022, respectively. On January 26, 2022, the FOMC announced that it would continue to increase its holdings of U.S. Treasuries by \$20 billion per month and its holdings of Agency MBS by \$10 billion per month for February of 2022 and would end its net asset purchases entirely by early March of 2022.

The CARES Act was passed by Congress and signed into law by President Trump on March 27, 2020. The CARES Act provides many provisions of direct support to individuals and small businesses in order to stem the steep decline in economic activity. This \$2 trillion COVID-19 relief bill, among other things, provided for direct payments to each American making up to \$75,000 a year, increased unemployment benefits for up to four months (on top of state benefits), funding to hospitals and health providers, loans and investments to businesses, states and municipalities and grants to the airline industry. On April 24, 2020, President Trump signed an additional funding bill into law that provides an additional \$484 billion of funding to individuals, small businesses, hospitals, health care providers and additional coronavirus testing efforts. Various provisions of the CARES Act began to expire in July 2020, including a moratorium on evictions (July 25, 2020), expanded unemployment benefits (July 31, 2020), and a moratorium on foreclosures (August 31, 2020). On August 8, 2020, President Trump issued Executive Order 13945, directing the Department of Health and Human Services, the Centers for Disease Control and Prevention (“CDC”), the Department of Housing and Urban Development, and Department of the Treasury to take measures to temporarily halt residential evictions and foreclosures, including through temporary assistance.

On December 27, 2020, President Trump signed into law an additional \$900 billion coronavirus aid package as part of the Consolidated Appropriations Act, 2021, providing for extensions of many of the CARES Act policies and programs as well as additional package provided for, among other things, direct payments to most Americans with a gross income of less than \$75,000 a year, extension of unemployment benefits through March 14, 2021, funding for procurement of vaccines and health providers, loans to businesses, funding for rental assistance and funding for schools. On January 29, 2021, the CDC issued guidance extending moratoriums for covered persons through March 31, 2021. The FHFA subsequently extended the foreclosure moratorium begun under the CARES Act for loans backed by Fannie Mae and Freddie Mac and the eviction moratorium for real estate owned by Fannie Mae and Freddie Mac until July 31, 2021 and September 30, 2021, respectively. The U.S. Housing and Urban Development subsequently extended the FHA foreclosure and eviction moratoria to July 31, 2021 and September 30, 2021, respectively. In response to the expirations of these foreclosure moratoria, a final rule adopted by the CFPB on June 28, 2021 effectively prohibited servicers from initiating a foreclosure before January 1, 2022 in most instances.

On March 11, 2021, President Biden signed into law an additional \$1.9 trillion coronavirus aid package as part of the American Rescue Plan Act of 2021. This law provided for, among other things, direct payments to most Americans with a gross income of less than \$75,000 a year, expansion of the child tax credit, extension of expanded unemployment benefits through September 6, 2021, funding for procurement of vaccines and health providers, loans to qualified businesses, funding for rental and mortgage assistance and funding for schools. The expanded federal unemployment benefits expired on September 6, 2021.

In January 2019, the Trump administration made statements of its plans to work with Congress to overhaul Fannie Mae and Freddie Mac and expectations to announce a framework for the development of a policy for comprehensive housing finance reform. On September 30, 2019, the FHFA announced that Fannie Mae and Freddie Mac were allowed to increase their capital buffers by \$25 billion and \$20 billion, respectively, from the prior limit of \$3 billion each. This step could ultimately lead to Fannie Mae and Freddie Mac being privatized and represents the first concrete step on the road to GSE reform. On June 30, 2020, the FHFA released a proposed rule on a new regulatory framework for the GSEs which seeks to implement both a risk-based capital framework and minimum leverage capital requirements. The final rule on the new capital framework for the GSEs was published in the federal register in December 2020. On January 14, 2021, the U.S. Treasury and the FHFA executed letter agreements allowing the GSEs to continue to operate with their current capital up to their regulatory minimums, including buffers, as prescribed in the December rule. These letter agreements provide, in part, (i) there will be no exit from conservatorship until all material litigation is settled and the GSE has common equity Tier 1 capital of at least 3% of its assets, (ii) the GSEs will comply with the FHFA's regulatory capital framework, (iii) higher-risk single-family mortgage acquisitions will be restricted to current levels, and (iv) the U.S. Treasury and the FHFA will establish a timeline and process for GSE reform. However, no definitive proposals or legislation have been released or enacted with respect to ending the conservatorship, unwinding the GSEs, or materially reducing the roles of the GSEs in the U.S. mortgage market. On September 16, 2021, the U.S. Treasury and the FHFA suspended certain policy provisions in the January agreement, including limits on loans acquired for cash consideration, multifamily loans, loans with higher risk characteristics and second homes and investment properties. On September 15, 2021, the FHFA announced a notice of proposed rulemaking for the purpose of amending the December rule to, among other things, reduce the Tier 1 capital and risk-weight floor requirements.

In 2017, policymakers announced that LIBOR would be replaced by December 31, 2021. The directive was spurred by the fact that banks are not comfortable contributing to the LIBOR panel given the shortage of underlying transactions on which to base levels and the associated with submitting an unfounded level. However, the ICE Benchmark Administration, in its capacity as administrator of USD LIBOR, has announced that it intends to extend publication of USD LIBOR (other than one-week and two-month tenors) by 18 months to June 2023. Notwithstanding this possible extension, a joint statement by key regulatory authorities calls on banks to enter into new contracts that use USD LIBOR as a reference rate by no later than December 31, 2021. The ARRC, a steering committee comprised of large U.S. financial institutions, has proposed replacing USD-LIBOR with a new SOFR, a rate based on repo trading. Many banks believe that it may take four to five years to complete the transition to SOFR, despite the December 31, 2021 deadline. We will monitor the emergence of SOFR carefully as it appears likely to become the new benchmark for hedges and a number of interest rate investments. At this time, however, no consensus exists as to what rate or rates may become accepted alternatives to LIBOR.

On December 7, 2021, the CFPB released a final rule that amends Regulation Z, which implemented the Truth in Lending Act, aimed at addressing cessation of LIBOR for both closed-end (e.g., home mortgage) and open-end (e.g., home equity line of credit) products. The rule, which mostly becomes effective in April of 2022, establishes requirements for the selection of replacement indices for existing LIBOR-linked consumer loans. Although the rule does not mandate the use of SOFR as the alternative rate, it identifies a comparable rate for closed-end products and states that for open-end products, the CFPB has determined that ARRC's recommended spread-adjusted indices based on SOFR for consumer products to replace the one-month, three-month, or six-month USD LIBOR index "have historical fluctuations that are substantially similar to those of the LIBOR indices that they are intended to replace." The CFPB reserved judgment, however, on a SOFR-based spread-adjusted replacement index to replace the one-year USD LIBOR until it obtained additional information.

On December 8, 2021, the House of Representatives passed the Adjustable Interest Rate (LIBOR) Act of 2021 (H.R. 4616) (“LIBOR Act”), which provides for a statutory replacement benchmark rate for contracts that use LIBOR as a benchmark and do not contain any fallback mechanism independent of LIBOR. Pursuant to the LIBOR Act, SOFR becomes the new benchmark rate by operation of law for any such contract. The LIBOR Act establishes a safe harbor from litigation for claims arising out of or related to the use of SOFR as the recommended benchmark replacement. The LIBOR Act makes clear that it should not be construed to disallow the use of any benchmark on a prospective basis.

The LIBOR Act also attempts to forestall challenges that it is impairing contracts. It provides that the discontinuance of the LIBOR rate and the automatic statutory transition to a replacement rate neither impairs or affects the rights of a party to receive payment under such contracts, nor allows a party to discharge their performance obligations or to declare a breach of contract. It amends the Trust Indenture Act of 1939 to state that the “the right of any holder of any indenture security to receive payment of the principal of and interest on such indenture security shall not be deemed to be impaired or affected” by application of the LIBOR Act to any indenture security. On December 9, 2021, the United States Senate referred the LIBOR Act to the Committee on Banking, Housing and Urban Affairs.

One-week and two-month U.S. dollar LIBOR rates phased out on December 31, 2021, but other U.S. dollar tenors may continue until June 30, 2023. We will monitor the emergence of SOFR carefully as it appears likely to become the new benchmark for hedge fund range of interest rate investments. At this time, however, no consensus exists as to what rate or rates may become accepted alternatives to LIBOR.

Effective January 1, 2021, Fannie Mae, in alignment with Freddie Mac, extended the timeframe for its delinquent loan buyout policy for Single-Family Uniform Mortgage-Backed Securities (UMBS) and Mortgage-Backed Securities (MBS) from four consecutive monthly payments to twenty-four consecutively missed monthly payments (i.e., 24 months past due). This new timeframe applied to outstanding single-family pools and newly issued single-family pools and was first reflected when January 2021 factors were released on the fourth business day in February 2021.

For Agency MBS investors, when a delinquent loan is bought out of a pool of mortgage loans, the removal of the loan from the pool is the same as a total prepayment of the loan. The respective GSEs anticipated, however, that delinquent loans will be repurchased in most cases before the 24-month deadline under one of the following exceptions listed below.

- a loan that is paid in full, or where the related lien is released and/or the note debt is satisfied or forgiven;
- a loan repurchased by a seller/servicer under applicable selling and servicing requirements;
- a loan entering a permanent modification, which generally requires it to be removed from the MBS. During any trial period, the loan will remain in the MBS until the trial period ends;
- a loan subject to a short sale or deed-in-lieu of foreclosure; or
- a loan referred to foreclosure.

Because of these exceptions, the GSEs believe based on prevailing assumptions and market conditions this change will have a minimal impact on prepayment speeds, in aggregate. Cohort level impacts may vary. For example, more than half of loans referred to foreclosure are historically referred within six months of delinquency. The degree to which speeds are affected depends on delinquency levels, borrower response, and referral to foreclosure timelines.

The scope and nature of the actions the U.S. government or the Fed will ultimately undertake are unknown and will continue to evolve.

Effect on Us

Regulatory developments, movements in interest rates and prepayment rates affect us in many ways, including the following:

Effects on our Assets

A change in or elimination of the guarantee structure of Agency MBS may increase our costs (if, for example, guarantee fees increase) or require us to change our investment strategy altogether. For example, the elimination of the guarantee structure of Agency MBS may cause us to change our investment strategy to focus on non-Agency MBS, which in turn would require us to significantly increase our monitoring of the credit risks of our investments in addition to interest rate and prepayment risks.

Lower long-term interest rates can affect the value of our Agency MBS in a number of ways. If prepayment rates are (due to relatively low refinancing problems described above), lower long-term interest rates can increase the value of higher-coupon Agency MBS. This is because investors typically place a premium on assets with yields that are higher than market yields. Although long-term interest rates may increase asset values in our portfolio, we may not be able to invest new funds in similarly-yielding assets.

If prepayment levels increase, the value of our Agency MBS affected by such prepayments may decline. This is because a principal prepayment accelerates the effective term of an Agency MBS, which would shorten the period during which an investor would receive above-market returns (assuming the yield on the prepaid asset is higher than market yields). Also, prepayment proceeds may not be able to be reinvested in similar-yielding assets. Agency MBS backed by mortgages with high interest rates are more susceptible to prepayment risk because holders of those mortgages are most likely to refinance to a lower rate. IOs and IIOs, however, may be the types of Agency MBS most sensitive to increased prepayment rates. Because the holder of an IO or IIO receives no principal payments, the values of IOs and IIOs are entirely dependent on the existence of a principal balance on the underlying mortgages. If the principal balance is eliminated due to prepayment, IOs and IIOs essentially become worthless. Although increased prepayment rates negatively affect the value of our IOs and IIOs, they have the opposite effect on POs. Because POs act like zero-coupon bonds, when they are purchased at a discount to their par value and have an effective interest rate based on the discount and the term of the underlying loan, an increase in prepayment rates would reduce the effective term of our POs and accelerate the yields earned on those assets, which would increase our net income.

Higher long-term rates can also affect the value of our Agency MBS. As long-term rates rise, rates available to borrowers rise. This tends to cause prepayment activity to slow and extend the expected average life of mortgage cash flows. As the expected life of the mortgage cash flows increases, coupled with higher discount rates, the value of Agency MBS declines. Some of the instruments the Company may use to hedge our Agency MBS assets, such as interest rate futures, swaps and swaptions, are stable average life instruments. This means that to the extent we use such instruments to hedge our Agency MBS assets, our hedges may not adequately protect us from price declines, and therefore may negatively impact our book value. It is for this reason we use interest only securities in our portfolio. As interest rates rise, the expected average life of these securities increases, causing generally positive movements as the number and size of the cash flows increase the longer the underlying mortgages remain outstanding. This makes interest only securities desirable hedge instruments for pass-through Agency MBS.

As described above, the Agency MBS market began to experience severe dislocations in mid-March 2020 as a result of the economic, health and market turmoil brought about by COVID-19. On March 23, 2020, the Fed announced that it would purchase Agency MBS and U.S. Treasuries in the amounts needed to support smooth market functioning, which largely stabilized the Agency MBS market. However, in November 2021 the Fed announced a tapering of these purchases. The Fed's reduction of these purchases may negatively impact our investment portfolio. Further, the moratoriums on foreclosures and evictions described above will likely increase potential defaults on loans that would otherwise be bought out of Agency MBS pools as described above. Depending on the ultimate resolution of the foreclosures or evictions, when and if they occur, these loans may be removed from the pool into which they were securitized. If this were to occur, it would have the effect of delaying a prepayment on the Company's securities until such time as the majority of the Company's Agency MBS assets were acquired at a premium to par, this will tend to increase the realized yield on the assets in question.

Because we base our investment decisions on risk management principles rather than anticipated movements in interest rates, a volatile interest rate environment we may allocate more capital to structured Agency MBS with shorter durations. We believe securities have a lower sensitivity to changes in long-term interest rates than other asset classes. We may attempt to mitigate our exposure to changes in long-term interest rates by investing in IOs and IIOs, which typically have different sensitivities to changes in long-term interest rates than PT MBS, particularly PT MBS backed by fixed-rate mortgages.

Effects on our borrowing costs

We leverage our PT MBS portfolio and a portion of our structured Agency MBS with principal balances through the use of term repurchase agreement transactions. The interest rates on our debt are determined by the short term interest rate markets. An increase in the Fed Funds rate or LIBOR would increase our borrowing costs, which could affect our interest rate spread if there is no corresponding increase in the interest we earn on our assets. This would be most prevalent with respect to our Agency MBS backed by mortgage loans because the interest rate on a fixed-rate mortgage loan does not change even though market rates may change.

In order to protect our net interest margin against increases in short-term interest rates, we may enter into interest rate swaps, which economically convert our floating-rate repurchase agreement debt to fixed-rate debt, or utilize other hedging instruments such as collar, Fed Funds and T-Note futures contracts or interest rate swaptions.

Summary

The country and economy currently appear to be on the verge of recovering from the COVID-19 pandemic. While the virus continues to infect people and often results in hospitalizations and deaths, the effect on economic activity has decreased. Coupled with unprecedented monetary and fiscal policy, the most significant combination of the two since the Second World War, the effect of the pandemic is clearly causing the economy to run at unsustainable levels, resulting in very tight labor markets and high levels of inflation in decades. The Fed has begun the rapid transformation from accommodation to constraint and will likely raise short-term rates at their meeting in March of 2022. Currently the market anticipates the Fed will continue to raise rates throughout the year and into 2023, possibly by as much as 200 basis points. Further, they are rapidly winding down their asset purchases and will likely stop asset purchases altogether – possibly by the end of the year – as they begin the process of normalizing their balance sheet. Market experts estimate the Fed may have to shrink the size of their balance sheet by up to \$4 billion over a much shorter time frame than the last time they did so over the period from 2017 to 2019. The effect of these developments on interest rates has been a material flattening of the U.S. Treasury curve, whereby short and intermediate term rates are more so relative to longer maturity U.S. Treasuries.

For the Company, this means our funding costs are likely to rise materially over the course of 2022 and possibly into 2023. While longer term maturities have not risen as much as short and intermediate term rates, they have risen and refinancing and purchase activity in the residential housing market is likely to slow. If this occurs, it would slow premium amortization on the Company's MBS securities. The net effect of higher funding costs and slower premium amortization will depend on the extent and timing of both, but may reduce the Company's net interest income, and perhaps materially so, over this period.

These developments will likely impact Orchid Island Capital in a similar manner. In particular, Orchid's ability to grow or maintain its capital base at its current level could be adversely affected if these developments continue to pressure Orchid's MBS assets. This could slow the growth of or reduce the Company's advisory service revenues and could reduce the amount of dividends paid by Orchid common stock.

All of the above developments are being impacted by the geo-political events in the Ukraine which may cause the Fed to alter their monetary policy decisions over the course of 2022 and beyond. However, given the level of inflation and strength of the economy at

present, such developments would likely have to be severe in order to meaningfully impact the path of monetary policy over the near term.

Critical Accounting Estimates

Our consolidated financial statements are prepared in accordance with GAAP. GAAP requires our management to make some complex and subjective decisions and assessments. Our most critical accounting policies involve decisions and assessments which could significantly affect reported assets, liabilities, revenues and expenses. Management has identified the following as its most critical accounting estimates:

Mortgage-Backed Securities

Our investments in MBS are accounted for at fair value. We acquire our MBS for the purpose of generating long-term returns, and not for the short-term investment of idle capital.

As discussed in Note 14 to the financial statements, our MBS are valued using Level 2 valuations, and such valuations currently determined based on independent pricing sources and/or third party broker quotes, when available. Because the price estimates may vary, management must make certain judgments and assumptions about the appropriate price to use to calculate the fair values. Alternatively, the Company could opt to have the value of all of our positions in MBS determined by either an independent third-party or do so internally. In managing our portfolio, the Company employs the following four-step process at each valuation date to determine the fair value of MBS.

- First, the Company obtains fair values from subscription-based independent pricing services.
- Second, the Company requests non-binding quotes from one to four broker-dealers for certain MBS in order to validate the values obtained by the pricing service. The Company requests these quotes from broker-dealers that actively trade and make markets in the respective asset class for which the quote is requested.
- Third, the Company reviews the values obtained by the pricing source and the broker-dealers for consistency across similar assets.
- Finally, if the data from the pricing services and broker-dealers is not homogenous or if the data obtained is inconsistent with management's market observations, the Company makes a judgment to determine which price appears the most consistent with observed prices from similar assets and selects that price. To the extent management believes that none of the prices are consistent with observed prices for similar assets, which is typically the case for only an immaterial portion of our portfolio each quarter, the Company may use a third price that is consistent with observed prices for identical or similar assets. In the case of assets that have quoted prices such as Agency MBS backed by fixed-rate mortgages, the Company generally uses the quoted observed market price. For assets such as Agency MBS backed by ARMs or structured Agency MBS, the Company may determine the price based on the yield or spread that is identical to an observed transaction or a similar asset for which a dealer or subscription-based price has been obtained.

Management believes its pricing methodology to be consistent with the definition of fair value described in Financial Accounting Standards Board (the "FASB") Accounting Standards Codification ("ASC") Topic 820, Fair Value Measurements.

Income Recognition

All of our MBS are either PT MBS or structured MBS, including CMOs, IOs, IIOs or POs. Income on PT MBS, POs and CMOs that contain principal balances is based on the stated interest rate of the security. As a result of accounting for our MBS under the fair value option, premium or discount present at the date of purchase is not amortized. For IOs, IIOs and CMOs that do not contain principal balances, income is accrued based on the carrying value and the effective yield. As cash is received it is first applied to accrued interest to reduce the carrying value of the security. At each reporting date, the effective yield is adjusted prospectively from the reporting

period based on the new estimate of prepayments, current interest rates and current asset prices. The new effective yield is calculated based on the carrying value at the end of the previous reporting period, the new prepayment estimates and the contractual terms of the security. Changes in fair value of all of our MBS during the period are recorded in earnings and reported as unrealized gains or losses on mortgage-backed securities in the accompanying consolidated statements of operations. For IIO securities, effective yield and income recognition calculations also take into account the index value applicable to the security.

Income Taxes

Income taxes are provided for using the asset and liability method. Deferred tax assets and liabilities represent the difference between the financial statement and income tax bases of assets and liabilities using enacted tax rates. The measurement of net deferred tax assets is adjusted by a valuation allowance if, based on the Company's evaluation, it is more likely than not that they will not be realized. A majority of the Company's net deferred tax assets, which consist primarily of NOLs, are expected to be realized over an extended number of years. Management's conclusion is supported by taxable income projections which include forecasts of fees, interest management dividends and net interest income, and the subsequent reinvestment of those amounts into the MBS portfolio. However, management reassesses its valuation allowance conclusions whenever there is a material change in taxable income projections.

Capital Expenditures

At December 31, 2021, we had no material commitments for capital expenditures.

ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK.

Not Applicable.

ITEM 8. Financial Statements and Supplementary Data.

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Report of Independent Registered Public Accounting Firm

Stockholders and Board of Directors
Bimini Capital Management, Inc.
Vero Beach, Florida

Opinion on the Consolidated Financial Statements

We have audited the accompanying consolidated balance sheets of Bimini Capital Management, Inc. (the “Company”) as of December 31, 2021 and 2020, the related consolidated statements of operations, stockholders’ equity, and cash flows for each of the two years in the period ended December 31, 2021, and the related notes (collectively referred to as the “consolidated financial statements”). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Company at December 31, 2021 and 2020, and the results of its operations and its cash flows for each of the two years in the period ended December 31, 2021, in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These consolidated financial statements are the responsibility of the Company’s management. Our responsibility is to express an opinion on the Company’s consolidated financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (“PCAOB”) and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Company’s internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that our audits provide a reasonable basis for our opinion.

Critical Audit Matters

The critical audit matters communicated below are matters arising from the current period audit of the consolidated financial statements that were communicated or required to be communicated to the audit committee and that: (1) relate to accounts or disclosures that are material to the consolidated financial statements and (2) involved our especially challenging, subjective, or complex judgments. The communication of the critical audit matters does not alter in any way our opinion on the consolidated financial statements, taken as a whole, and we are not, by communicating the critical audit matters below, providing separate opinions on the critical audit matters or on the accounts or disclosures to which they relate.

Realizability of deferred tax assets

As described in Note 12 to the consolidated financial statements, the Company has recorded \$64.8 million in gross deferred tax assets as of December 31, 2021 and recorded a valuation allowance of \$29.8 million. Management applies significant judgment in assessing the projections of future taxable income in the determination of the amount of deferred tax assets that were more-likely-than-not to be realized in the future. In assessing the realizability of deferred tax assets, management considers whether it is more likely than not that some portion or all of the deferred tax assets will not be realized.

We identified assessing the realizability of deferred tax assets as a critical audit matter. Specifically, we identified there is significant judgment required by management in formulating the forecast of taxable income over the net operating loss expiration periods to determine the amount of deferred tax assets that were more-likely-than-not to be realized in the future. Auditing these forecasts involved especially challenging auditor judgment, including the need for specialized knowledge and skill in assessing these elements.

The primary procedures we performed to address this critical audit matter included:

- Evaluating the design and implementation of controls relating to the projection of taxable income in future periods, including controls over management's process to select the assumptions utilized.
- Evaluating the positive and negative evidence in assessing whether the deferred tax assets are more likely than not to be utilized, including evaluating the trends of historical financial results, projected sources of taxable income in future periods, and market information (such as interest yield curves).
- Assessing the reasonableness of management's historical ability to make forecasts of future taxable income, by performing a retrospective review of the prior year's estimates.
- Utilizing personnel with specialized knowledge and skill in income taxes to assist in the evaluation of the appropriateness of the Company's positions and analysis of the realizability of the deferred tax assets.

Valuation of Investments in Mortgage-Backed Securities

As described in Notes 1 and 14 to the consolidated financial statements, the Company accounts for its mortgage-backed securities at fair value, which totaled \$60.8 million at December 31, 2021. The fair value of mortgage-backed securities is based on independent pricing sources and/or third-party broker quotes, when available. Because the price estimates may vary, management must make certain judgments and assumptions about the appropriate price to use to calculate the fair values based on various techniques including observing the most recent market for like or identical assets (including security coupon rate, maturity, yield, prepayment speed), market credit spreads, and model driven approaches.

We identified the valuation of mortgage-backed securities as a critical audit matter. The principal considerations for our determination are: (i) the potential for bias in how management subjectively selects the price from multiple pricing sources to determine the fair value of the mortgage-backed securities and (ii) the audit effort involved, including the use of valuation professionals with specialized skill and knowledge.

The primary procedures we performed to address this critical audit matter included:

- Evaluating the design and implementation of controls relating to the valuation of mortgaged-backed securities, including controls over management's process to select the price from multiple pricing sources.
- Reviewing the range of values used for each investment position, and assessing the price selected for management bias by comparing the price to the high, low and average of the range of pricing sources.
- Testing the reasonableness of fair values determined by management by comparing the fair value of certain securities to recent transactions, if applicable.
- Utilizing personnel with specialized knowledge and skill in valuation to develop an independent estimate of the fair value of each investment position by considering the stated security coupon rate, yield, maturity, and prepayment speeds, and comparing to the fair value used by management.

/s/ BDO USA, LLP

Certified Public Accountants

We have served as the Company's auditor since 2008.

West Palm Beach, Florida

March 11, 2022

BIMINI CAPITAL MANAGEMENT, INC.
CONSOLIDATED BALANCE SHEETS
DECEMBER 31, 2021 and 2020

	2021	2020
ASSETS:		
Mortgage-backed securities, at fair value		
Pledged to counterparties	\$ 60,788,129	\$ 65,153,274
Unpledged	15,015	24,957
Total mortgage -backed securities	60,803,144	65,178,231
Cash and cash equivalents	8,421,410	7,558,342
Restricted cash	1,391,000	3,353,015
Investment in Orchid Island Capital, Inc. common stock, at fair value	11,679,107	13,547,764
Accrued interest receivable	229,942	202,192
Property and equipment, net	2,024,190	2,093,440
Deferred tax assets, net of allowances	35,036,312	34,668,467
Due from affiliates	1,062,155	632,471
Other assets	1,437,381	1,466,647
Total Assets	\$ 122,084,641	\$ 128,700,569
LIABILITIES AND STOCKHOLDERS' EQUITY		
LIABILITIES:		
Repurchase agreements	\$ 58,877,999	\$ 65,071,113
Long-term debt	27,438,976	27,612,781
Accrued interest payable	55,610	107,417
Other liabilities	2,712,206	1,421,409
Total Liabilities	89,084,791	94,212,720
Commitments and Contingencies (Note 11)		
STOCKHOLDERS' EQUITY:		
Preferred stock, \$0.001 par value; 10,000,000 shares authorized; 100,000 shares designated Series A Junior Preferred Stock; 900,000 shares undesignated; no shares issued and outstanding as of December 31, 2021 and 2020	-	-
Class A Common stock \$0.001 par value; 98,000,000 shares designated; 10,702,194 shares issued and outstanding as of December 31, 2021 and 11,609 shares issued and outstanding as of December 31, 2020	10,702	11,609
Class B Common stock \$0.001 par value; 1,000,000 shares designated; 31,938 shares issued and outstanding as of December 31, 2021 and 2020	32	32
Class C Common stock \$0.001 par value; 1,000,000 shares designated; 31,938 shares issued and outstanding as of December 31, 2021 and 2020	32	32
Additional paid-in capital	330,880,252	332,642,758
Accumulated deficit	(297,891,168)	(298,166,582)
Stockholders' Equity	32,999,850	34,487,849
Total Liabilities and Equity	\$ 122,084,641	\$ 128,700,569

See Notes to Consolidated Financial Statements

BIMINI CAPITAL MANAGEMENT, INC.
CONSOLIDATED STATEMENTS OF OPERATIONS
For the Years Ended December 31, 2021 and 2020

	2021	2020
Revenues:		
Advisory services	\$ 9,788,340	\$ 6,795,072
Interest income	2,237,217	3,764,003
Dividend income from Orchid Island Capital, Inc. common stock	2,024,379	1,752,730
Total revenues	14,049,936	12,311,805
Interest expense:		
Repurchase agreements	(116,179)	(1,073,528)
Long-term debt	(996,794)	(1,150,613)
Net revenues	12,936,963	10,087,664
Other income (expense)		
Unrealized (losses) gains on mortgage-backed securities	(3,098,866)	111,615
Realized gains (losses) on mortgage-backed securities	69,498	(5,744,589)
Unrealized (losses) gains on Orchid Island Capital, Inc. common stock	(1,868,657)	583,961
Losses on derivative instruments	(198)	(5,292,521)
Gains on retained interests in securitizations	-	58,735
Other income	154,191	3,478
Other expense, net	(4,744,032)	(10,279,321)
Expenses:		
Compensation and related benefits	5,721,315	4,235,487
Directors' fees and liability insurance	762,735	690,713
Audit, legal and other professional fees	513,925	576,662
Administrative and other expenses	1,287,387	1,164,039
Total expenses	8,285,362	6,666,901
Net loss before income tax benefit	(92,431)	(6,858,558)
Income tax benefit	(367,845)	(1,369,416)
Net income (loss)	\$ 275,414	\$ (5,489,142)
Basic and Diluted Net Income (Loss) Per Share of:		
CLASS A COMMON STOCK		
Basic and Diluted	\$ 0.02	\$ (0.47)
CLASS B COMMON STOCK		
Basic and Diluted	\$ 0.02	\$ (0.47)
Weighted Average Shares Outstanding:		
CLASS A COMMON STOCK		
Basic and Diluted	11,198,434	11,608,555
CLASS B COMMON STOCK		
Basic and Diluted	31,938	31,938

See Notes to Consolidated Financial Statements

BIMINI CAPITAL MANAGEMENT, INC
CONSOLIDATED STATEMENTS OF EQUITY
Years Ended December 31, 2021 and 2020

	Stockholders' Equity				Total
	Common Stock		Additional	Accumulated	
	Shares	Par Value	Paid-in Capital	Deficit	
Balances, January 1, 2020	11,672,431	\$ 11,673	\$ 332,642,758	\$ (292,677,440)	\$ 39,976,991
Net loss	-	-	-	(5,489,142)	(5,489,142)
Balances, December 31, 2020	11,672,431	11,673	332,642,758	(298,166,582)	34,487,849
Net income	-	-	-	275,414	275,414
Class A common shares repurchased and retired	(906,361)	(907)	(1,762,506)	-	(1,763,413)
Balances, December 31, 2021	10,766,070	\$ 10,766	\$ 330,880,252	\$ (297,891,168)	\$ 32,999,850

See Notes to Consolidated Financial Statements

BIMINI CAPITAL MANAGEMENT, INC.
CONSOLIDATED STATEMENTS OF CASH FLOWS
Years Ended December 31, 2021 and 2020

	2021	2020
CASH FLOWS FROM OPERATING ACTIVITIES:		
Net income (loss)	\$ 275,414	\$ (5,489,142)
Adjustments to reconcile net income (loss) to net cash provided by operating activities:		
Depreciation	69,250	69,536
Deferred income tax	(367,845)	(1,379,931)
Losses on mortgage-backed securities	3,029,368	5,632,974
Gains on retained interests in securitizations	-	(58,735)
Gain from disposition of real property held for sale	-	(11,591)
PPP loan forgiveness	(153,724)	-
Realized losses on forward settling to-be-announced securities	-	1,441,406
Unrealized losses (gains) on Orchid Island Capital, Inc. common stock	1,868,657	(583,961)
Changes in operating assets and liabilities:		
Accrued interest receivable	(27,750)	548,683
Due from affiliates	(429,684)	(10,351)
Other assets	29,266	1,629,514
Accrued interest payable	(50,248)	(537,885)
Other liabilities	1,290,797	48,469
NET CASH PROVIDED BY OPERATING ACTIVITIES	5,533,501	1,298,986
CASH FLOWS FROM INVESTING ACTIVITIES:		
From mortgage-backed securities investments:		
Purchases	(26,189,505)	(43,129,835)
Sales	13,063,248	176,249,711
Principal repayments	14,471,976	13,909,872
Payments received on retained interests in securitizations	-	58,735
Net settlement of forward settling TBA contracts	-	(1,500,000)
Purchases of Orchid Island Capital, Inc. common stock	-	(4,071,592)
Proceeds from disposition of real property held for sale	-	461,590
NET CASH PROVIDED BY INVESTING ACTIVITIES	1,345,719	141,978,481
CASH FLOWS FROM FINANCING ACTIVITIES:		
Proceeds from repurchase agreements	293,283,000	538,558,549
Principal repayments on repurchase agreements	(299,476,114)	(683,441,436)
Proceeds from long-term debt	-	152,165
Principal repayments on long-term debt	(21,640)	(20,505)
Class A common shares repurchased and retired	(1,763,413)	-
NET CASH USED IN FINANCING ACTIVITIES	(7,978,167)	(144,751,227)
NET DECREASE IN CASH, CASH EQUIVALENTS AND RESTRICTED CASH	(1,098,947)	(1,473,760)
CASH, CASH EQUIVALENTS AND RESTRICTED CASH, beginning of the year	10,911,357	12,385,117
CASH, CASH EQUIVALENTS AND RESTRICTED CASH, end of the year	\$ 9,812,410	\$ 10,911,357
SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION:		
Cash paid (received) during the year for:		
Interest	\$ 1,164,780	\$ 2,762,026
Income taxes	\$ -	\$ (1,581,828)

See Notes to Consolidated Financial Statements

BIMINI CAPITAL MANAGEMENT, INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

NOTE 1. ORGANIZATION AND SIGNIFICANT ACCOUNTING POLICIES

Business Description

Bimini Capital Management, Inc., a Maryland corporation ("Bimini Capital" or the "Company") formed in September 2007 is a holding company. The Company operates in two business segments through its principal wholly-owned operating subsidiary, Royal Palm Capital, LLC, which includes its wholly-owned subsidiary, Bimini Advisors Holdings, LLC.

Bimini Advisors Holdings, LLC and its wholly-owned subsidiary, Bimini Advisors, LLC (an investment advisor registered with the Securities and Exchange Commission), are collectively referred to as "Bimini Advisors." Bimini Advisors manages a residential mortgage-backed securities ("MBS") portfolio for Orchid Island Capital, Inc. ("Orchid") and receives fees for providing these services. Bimini Advisors also manages the MBS portfolio of Royal Palm Capital, LLC.

Royal Palm Capital, LLC maintains an investment portfolio, consisting primarily of MBS investments and shares of stock, for its own benefit. Royal Palm Capital, LLC and its wholly-owned subsidiaries are collectively referred to as "Royal Palm."

Consolidation

The accompanying consolidated financial statements include the accounts of Bimini Capital, Bimini Advisors and Royal Palm. All inter-company accounts and transactions have been eliminated from the consolidated financial statements.

Variable Interest Entities (VIEs)

A variable interest entity ("VIE") is consolidated by an enterprise if it is deemed the primary beneficiary of the VIE. Bimini Capital has a variable interest investment in a trust used in connection with the issuance of Bimini Capital's junior subordinated notes. See Note 9 for a description of the accounting used for this VIE.

We obtain interests in VIEs through our investments in mortgage-backed securities. Our interests in these VIEs are not expected to result in us obtaining a controlling financial interest in these VIEs in the future. As a result, we do not consolidate these VIEs and we account for our interests in these VIEs as mortgage-backed securities. See Note 3 for additional information regarding our investments in mortgage-backed securities. Our maximum exposure to loss for these VIEs is the carrying value of the mortgage-backed securities.

Basis of Presentation

The accompanying consolidated financial statements are prepared on the accrual basis of accounting in accordance with principles generally accepted in the United States ("GAAP"). In the opinion of management, all adjustments considered necessary for a fair presentation of the Company's consolidated financial position, results of operations and cash flows have been included and are of a normal and recurring nature.

Use of Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from

those estimates. Significant estimates affecting the accompanying consolidated financial statements include determining MBS fair derivatives, determining the amounts of asset valuation allowances, and the computation of the provision for benefit and the deferred tax asset allowances recorded for each accounting period.

Segment Reporting

The Company's operations are classified into two principal reportable segments: the asset management segment and the investment portfolio segment. These segments are evaluated by management in deciding how to allocate resources and in performing. The accounting policies of the operating segments are the same as the Company's accounting policies described in this report, with the exception that inter-segment revenues and expenses are included in the presentation of segment results. For further information see Note 15.

Cash and Cash Equivalents and Restricted Cash

Cash and cash equivalents include cash on deposit with financial institutions and highly liquid investments with original maturities at the time of purchase. Restricted cash includes cash pledged as collateral for repurchase agreements and other. The following table presents the Company's cash, cash equivalents and restricted cash as of December 31, 2021 and 2020.

	2021	2020
Cash and cash equivalents	\$ 8,421,410	\$ 7,558,342
Restricted cash	1,391,000	3,353,015
Total cash, cash equivalents and restricted cash	\$ 9,812,410	\$ 10,911,357

The Company maintains cash balances at several banks and excess margin with an exchange clearing member. At times, may be subject to federally insured limits. The Company has not experienced any losses related to these balances. The Federal Deposit Insurance Corporation insures eligible accounts up to \$250,000 per depositor at each financial institution. Restricted cash balances are held in separate accounts that are segregated from the general funds of the counterparty. The Company limits insured balances to only large, well-known banks and exchange clearing members and believes that it is not exposed to significant risk on cash and cash equivalents or restricted cash balances.

Advisory Services

Orchid is externally managed and advised by Bimini Advisors pursuant to the terms of a management agreement. Under the terms of the management agreement, Orchid is obligated to pay Bimini Advisors a monthly management fee and a pro rata portion of certain direct expenses incurred on its behalf. Revenues from management fees are recognized over the period of time in which the service is performed.

Mortgage-Backed Securities

The Company invests primarily in pass-through ("PT") mortgage-backed certificates issued by Freddie Mac, Fannie Mae (MBS), and collateralized mortgage obligations ("CMOs"), interest-only ("IO") securities and inverse interest-only ("IO") securities ("IO securities"). We refer to IO securities as structured MBS. The Company has elected to account for its investment in MBS under the fair value option. The fair value option requires the Company to record changes in fair value in the consolidated statement of operations, which, in management's view, more appropriately reflects the results of our operations for a particular reporting period and is consistent with the way the portfolio is managed.

The Company records MBS transactions on the trade date. Security purchases that have not settled as of the balance sheet date are included in the MBS balance with an offsetting liability recorded, whereas securities sold that have not settled as of the balance sheet date are removed from the MBS balance with an offsetting receivable recorded.

Fair value is defined as the price that would be received to sell the asset or paid to transfer the liability in an orderly transaction between market participants at the measurement date. The fair value measurement assumes that the transaction to sell the asset or the liability either occurs in the principal market for the asset or liability, or in the absence of a principal market, occurs in the most advantageous market for the asset or liability. Estimated fair values for MBS are based on independent pricing sources such as broker quotes, when available.

Income on PT MBS is based on the stated interest rate of the security. Premiums or discounts present at the date of purchase are amortized over the life of the security. Premium lost and discount accretion resulting from monthly principal repayments are reflected in interest income in the consolidated statements of operations. For IO securities, the income is accrued based on the carrying value and the effective yield. The difference between income accrued and the interest received on the security is characterized as a discount or premium and serves to reduce the asset's carrying value. At each reporting date, the effective yield is adjusted prospectively for periods based on the new estimate of prepayments and the contractual terms of the security. For IIO securities, yield and income recognition calculations also take into account the index value applicable to the security. Changes in MBS during each reporting period are recorded in earnings and reported as unrealized gains or losses on securities in the accompanying consolidated statements of operations. The amount reported as unrealized gains or losses on mortgage-backed securities thus captures the net effect of changes in the fair market value of securities caused by market developments and any premium or discount lost as a result of principal repayments during the period.

Orchid Island Capital, Inc. Common Stock

The Company accounts for its investment in Orchid common shares at fair value. The change in the fair value and this increase is reflected in the consolidated statements of operations. We estimate the fair value of our investment in Orchid by approaching "Level 1" inputs based on the quoted market price of Orchid's common stock on a national stock exchange.

Retained Interests in Securitizations

The Company holds retained interests in the subordinated tranches of securities created in securitization transactions. These retained interests currently have a recorded fair value of zero, as the prospect of future cash flows being received is uncertain. Any cash received from the retained interests is reflected as a gain in the consolidated statements of operations.

Derivative Financial Instruments

The Company uses derivative instruments to manage interest rate risk, facilitate asset/liability strategies and manage exposures, and it may continue to do so in the future. The principal instruments that the Company has used to date are Treasury Note and Eurodollar futures contracts, and "to-be-announced" ("TBA") securities, but it may enter into other derivatives in the future.

The Company accounts for TBA securities as derivative instruments. Gains and losses associated with TBA securities are reported as gain (loss) on derivative instruments in the accompanying consolidated statements of operations.

Derivative instruments are carried at fair value, and changes in fair value are recorded in the consolidated statements of operations for each period. The Company's derivative financial instruments are not designated as hedge accounting relationships, but are economic hedges of its portfolio assets and liabilities. Gains and losses on derivatives, except those that result in cash receipts or payments, are included in operating activities on the statements of cash flows. Cash payments and cash receipts from

settlements of derivatives, including current period net cash settlements on interest rate swaps, is classified as an investing activity on the statement of cash flows.

Holding derivatives creates exposure to credit risk related to the potential for failure by counterparties to honor their commitments. In the event of default by a counterparty, the Company may have difficulty recovering its collateral and may not receive proceeds provided for under the terms of the agreement. The Company's derivative agreements require it to post or receive collateral to mitigate risk. To mitigate risk, the Company uses only registered central clearing exchanges and well-established commercial banks as counterparties, monitors positions with individual counterparties and adjusts posted collateral as required.

Financial Instruments

The fair value of financial instruments for which it is practicable to estimate that value is disclosed either in the body of the consolidated financial statements or in the accompanying notes. MBS, Orchid common stock and derivative assets and liabilities are reported at fair value in the consolidated balance sheets. The methods and assumptions used to estimate fair value for these instruments are presented in Note 14 of the consolidated financial statements.

The estimated fair value of cash and cash equivalents, restricted cash, accrued interest receivable, other assets, repurchase agreements, accrued interest payable and other liabilities generally approximates their carrying value due to the short-term nature of these financial instruments.

It is impractical to estimate the fair value of the Company's junior subordinated notes. Currently, there is a limited market for these types of notes and the Company is unable to ascertain what interest rates would be available to the Company for similar financial instruments. Further information regarding these instruments is presented in Note 9 to the consolidated financial statements.

Property and Equipment, net

Property and equipment, net, consists of computer equipment with a depreciable life of 3 years, office furniture and equipment with lives of 8 to 20 years, land which has no depreciable life, and buildings and improvements with depreciable lives of 30 years. Property and equipment is recorded at acquisition cost and depreciated to their respective salvage values using the straight-line method over the estimated useful lives of the assets. Depreciation is included in administrative and other expenses in the consolidated operations.

Repurchase Agreements

The Company finances the acquisition of the majority of its PT MBS through the use of repurchase agreements under master repurchase agreements. Repurchase agreements are accounted for as collateralized financing transactions, which are carried at their contractual amounts, including accrued interest, as specified in the respective agreements.

Earnings Per Share

Basic EPS is calculated as income available to common stockholders divided by the weighted average number of outstanding shares during the period. Diluted EPS is calculated using the treasury stock or two-class method, as applicable for common stock equivalents. However, the common stock equivalents are not included in computing diluted EPS if the result is anti-dilutive.

Outstanding shares of Class B Common Stock, participating and convertible into Class A Common Stock, are entitled to dividends in an amount equal to the dividends declared, if any, on each share of Class A Common Stock. Accordingly, Class B Common Stock are included in the computation of basic EPS using the two-class method and, consequently, are reported separately from Class A Common Stock.

The shares of Class C Common Stock are not included in the basic EPS computation as these shares do not have right of participation. The outstanding shares of Class B and Class C Common Stock are not included in the computation of diluted EPS for Class A Common Stock as the conditions for conversion into shares of Class A Common Stock were not met.

Income Taxes

Income taxes are provided for using the asset and liability method. Deferred tax assets and liabilities represent the difference between the financial statement and income tax bases of assets and liabilities using enacted tax rates. The measurement of deferred tax assets is adjusted by a valuation allowance if, based on the Company's evaluation, it is more likely than not that they will be realized.

The Company's U.S. federal income tax returns for years ended on or after December 31, 2018 remain open for examination. Although management believes its calculations for tax returns are correct and the positions taken thereon are reasonable, the outcome of tax audits could be materially different from the tax returns filed by the Company, and those differences could result in significant costs or benefits to the Company. For tax filing purposes, Bimini Capital and its includable subsidiaries, and Royal Caribbean and its subsidiaries, file as separate tax paying entities.

The Company assesses the likelihood, based on their technical merit, that uncertain tax positions will be sustained upon examination based on the facts, circumstances and information available at the end of each period. The measurement of uncertain tax positions is adjusted when new information is available, or when an event occurs that requires a change. The Company recognizes tax positions in the consolidated financial statements only when it is more likely than not that the position will be sustained upon examination by the relevant taxing authority based on the technical merits of the position. A position that meets this standard is measured at the largest amount of benefit that will more likely than not be realized upon settlement. The difference between the tax benefit claimed and the tax benefit recognized on a tax return is referred to as an unrecognized tax benefit and is recorded as a liability on the balance sheets. The Company records income tax-related interest and penalties, if applicable, within the provision for income taxes.

Recent Accounting Pronouncements

In March 2020, the FASB issued Accounting Standards Update ("ASU") 2020-04 "Reference Rate Reform (Topic 848) - Facilitation of the Reference Rate Reform on Financial Reporting." ASU 2020-04 provides optional expedients and exceptions to GAAP requirements for modifications on debt instruments, leases, derivatives, and other contracts, related to the expected market transition from the London Interbank Offered Rate ("LIBOR,"), and certain other floating rate benchmark indices, or collectively, LIBOR-like reference rates. ASU 2020-04 generally considers contract modifications related to reference rate reform to be an event that does not require contract remeasurement at the modification date nor a reassessment of a previous accounting determination. The ASU 2020-04 is optional and may be elected over time, through December 31, 2022, as reference rate reform activities occur. The Company does not believe the adoption of this ASU will have a material impact on its consolidated financial statements.

In January 2021, the FASB issued ASU 2021-01 "Reference Rate Reform (Topic 848). ASU 2021-01 expands the scope of ASU 2020-04 to include all affected derivatives and give market participants the ability to apply certain aspects of the contract modification and expedients to derivative contracts affected by the discounting transition. In addition, ASU 2021-01 adds implementation guidance to permit a company to apply certain optional expedients to modifications of interest rate indexes used for hedging, discounting or contract price alignment of certain derivatives as a result of reference rate reform initiatives and extends the expedients to account for a derivative contract modified as a continuation of the existing contract and to continue hedging when certain critical terms of a hedging relationship change to modifications made as part of the discounting transition. The ASU 2021-01 is effective immediately and available generally through December 31, 2022, as reference rate reform activities occur.

activities occur. The Company does not believe the adoption of this ASU will have a material impact on its condensed financial statements.

NOTE 2. ADVISORY SERVICES

Bimini Advisors serves as the manager and advisor for Orchid pursuant to the terms of a management agreement. As Manager, Bimini Advisors is responsible for administering Orchid's business activities and day-to-day operations. Pursuant to the terms of the management agreement, Bimini Advisors provides Orchid with its management team, including its officers, along with appropriate personnel. Bimini Advisors is at all times subject to the supervision and oversight of Orchid's board of directors and has only such functions and authority as delegated to it. Bimini Advisors receives a monthly management fee in the amount of:

- One-twelfth of 1.5% of the first \$250 million of the Orchid's month-end equity, as defined in the management agreement,
- One-twelfth of 1.25% of the Orchid's month-end equity that is greater than \$250 million and less than or equal to \$500 million,
- One-twelfth of 1.00% of the Orchid's month-end equity that is greater than \$500 million.

Orchid is obligated to reimburse Bimini Advisors for any direct expenses incurred on its behalf and to pay to Bimini Advisors an amount equal to Orchid's pro rata portion of certain overhead costs set forth in the management agreement. The management agreement has been renewed through February 20, 2023 and provides for automatic one-year extension options thereafter. Should Orchid terminate the management agreement without cause, it will be obligated to pay Bimini Advisors a termination fee equal to three times the average annual management fee, as defined in the management agreement, before or on the last day of the automatic term.

The following table summarizes the advisory services revenue from Orchid for the years ended December 31, 2021 and 2020.

(in thousands)

	2021	2020
Management fee	\$ 8,156	\$ 5,281
Allocated overhead	1,632	1,514
Total	\$ 9,788	\$ 6,795

At December 31, 2021 and 2020, the net amount due from Orchid was approximately \$1 million and \$6 million, respectively.

NOTE 3. MORTGAGE-BACKED SECURITIES

The following table presents the Company's MBS portfolios as of December 31, 2021 and 2020:

(in thousands)

	2021	2020
Fixed-rate Mortgages	\$ 58,029	\$ 64,902
Interest-Only Securities	2,759	251
Inverse Interest-Only Securities	15	25
Total	\$ 60,803	\$ 65,178

The following table is a summary of our net gain(loss) from the sale of MBS for the years ended December 31, 2021 and 2020:

(in thousands)

	2021	2020
Proceeds from sales of MBS	\$ 13,063	\$ 176,250

Carrying value of MBS sold		12,994		181,995
Net gain (loss) on sales of MBS	\$	69	\$	(5,745)
Gross gain sales of MBS	\$	69	\$	60
Gross loss on sales of MBS		-		(5,805)
Net gain (loss) on sales of MBS	\$	69	\$	(5,745)

NOTE 4. PROPERTY AND EQUIPMENT, NET

The composition of property and equipment at December 31, 2021 and 2020 follows:

(in thousands)

	2021		2020	
Land	\$	1,185	\$	1,185
Buildings and improvements		1,827		1,827
Computer equipment and software		26		181
Office furniture and equipment		193		198
Total cost		3,231		3,391
Less accumulated depreciation and amortization		1,207		1,298
Property and equipment, net	\$	2,024	\$	2,093

Depreciation of property and equipment totaled approximately \$60,000 and \$70,000 for the years ended December 31, 2021 and 2020, respectively.

NOTE 5. OTHER ASSETS

The composition of other assets at December 31, 2021 and 2020 follows:

(in thousands)

	2021		2020	
Investment in Bimini Capital Trust II	\$	804	\$	804
Prepaid expenses		297		278
Servicing advances		159		205
Other		177		180
Total other assets	\$	1,437	\$	1,467

Receivables are carried at their estimated collectible amounts. The Company maintains an allowance for credit losses for losses expected. Management considers the following factors when determining the expected losses of specific accounts: past transaction history, current economic conditions, changes in payment terms and reasonable and supportable forecasts. Adjustments to the allowance for credit losses are recorded with a corresponding adjustment included in the consolidated statement of operations. As of December 31, 2020, management determined that no allowance for credit losses was necessary. Collections on amounts previously written off are included in income as received.

NOTE 6. REPURCHASE AGREEMENTS

The Company pledges certain of its RMBS as collateral under repurchase agreements with financial institutions. Interest generally is fixed based on prevailing rates corresponding to the terms of the borrowings, and interest is generally paid at the termination of the borrowing. If the fair value of the pledged securities declines, lenders will typically require the Company to post additional collateral or pay to re-establish agreed upon collateral requirements, referred to as "margin calls." Similarly, if the fair value of the pledged securities increases, lenders may release collateral back to the Company. As of December 31, 2021, the Company had met all requirements.

As of December 31, 2021 and December 31, 2020, the Company's repurchase agreements had remaining maturities as below summarized

(\$ in thousands)

	OVERNIGHT BETWEEN 2 BETWEEN 31 GREATER				
	(1 DAY OR	AND	AND	THAN	TOTAL
	LESS)	30 DAYS	90 DAYS	90 DAYS	
December 31, 2021					
Fair value of securities pledged, including accrued interest receivable	\$ -	\$ 60,859	\$ 159	\$ -	\$ 61,018
Repurchase agreement liabilities associated with these securities	\$ -	\$ 58,793	\$ 85	\$ -	\$ 58,878
Net weighted average borrowing rate	-	0.14%	0.70%	-	0.14%
December 31, 2020					
Fair value of securities pledged, including accrued interest receivable	\$ -	\$ 49,096	\$ 8,853	\$ 7,405	\$ 65,354
Repurchase agreement liabilities associated with these securities	\$ -	\$ 49,120	\$ 8,649	\$ 7,302	\$ 65,071
Net weighted average borrowing rate	-	0.25%	0.23%	0.30%	0.25%

In addition, cash pledged to counterparties as collateral for repurchase agreements was approximately \$15 million and \$4 million as of December 31, 2021 and 2020, respectively.

If, during the term of a repurchase agreement, a lender files for bankruptcy, the Company might experience difficulty pledged assets, which could result in an unsecured claim against the lender for the difference between the amount loaned to the Company plus interest due to the counterparty and the fair value of the collateral pledged to such lender, including the accrued interest receivable posted by the Company as collateral, if any. At December 31, 2021 and December 31, 2020, the Company had an amount at risk (the difference between the amount loaned to the Company, including interest payable, and the fair value of each pledged (if any), including accrued interest on such securities) with all counterparties of approximately \$5 million and \$6 million, respectively. The Company did not have an amount at risk with any individual counterparty greater than 10% of the Company's equity at December 31, 2021 and December 31, 2020.

NOTE 7. PLEDGED ASSETS

Assets Pledged to Counterparties

The table below summarizes Bimini's assets pledged as collateral under its repurchase agreements and derivative agreements as of December 31, 2021 and 2020.

(\$ in thousands)

Assets Pledged to Counterparties	December 31, 2021			December 31, 2020		
	Repurchase Agreements	Derivative Agreements	Total	Repurchase Agreements	Derivative Agreements	Total
PT MBS - at fair value	\$ 58,029	\$ -	\$ 58,029	\$ 64,902	\$ -	\$ 64,902
Structured MBS - at fair value	2,759	-	2,759	251	-	251
Accrued interest on pledged securities	230	-	230	201	-	201
Cash	1,391	-	1,391	3,352	1	3,353
Total	\$ 62,409	\$ -	\$ 62,409	\$ 68,706	\$ 1	\$ 68,707

Assets Pledged from Counterparties

The table below summarizes assets pledged to Bimini from counterparties under repurchase agreements as of December 31, 2021. Cash received as margin is recognized in cash and cash equivalents with a corresponding amount recognized as an increase in repurchase agreements in the consolidated balance sheets.

(\$ in thousands)

Assets Pledged to Bimini	2021	2020
Cash	\$ 106	\$ 80
Total	\$ 106	\$ 80

NOTE 8. OFFSETTING ASSETS AND LIABILITIES

The Company's repurchase agreements are subject to underlying agreements with master netting or similar provisions that allow for offset in the event of default or in the event of bankruptcy of either party to the transactions. The Company's assets and liabilities subject to these arrangements on a gross basis. The following table presents information regarding the assets and liabilities subject to such arrangements as if the Company had presented them on a net basis as of December 31, 2021 and 2020.

(in thousands)

	Offsetting of Liabilities					
	Gross Amount of Recognized Liabilities	Offset in the Consolidated Balance Sheet	Net Amount of Liabilities Presented in the Consolidated Balance Sheet	Gross Amount Not Offset in the Consolidated Balance Sheet		
			in the Consolidated Balance Sheet	Financial Instruments Posted as Collateral	Cash Posted as Collateral	Net Amount
December 31, 2021						
Repurchase Agreements	\$ 58,878	\$ -	\$ 58,878	\$ (57,487)	\$ (1,391)	-
	\$ 58,878	\$ -	\$ 58,878	\$ (57,487)	\$ (1,391)	-
December 31, 2020						
Repurchase Agreements	\$ 65,071	\$ -	\$ 65,071	\$ (61,719)	\$ (3,352)	-
	\$ 65,071	\$ -	\$ 65,071	\$ (61,719)	\$ (3,352)	-

The amounts disclosed for collateral received by or posted to the same counterparty are limited to the amounts sufficient to reduce the net amount presented in the consolidated balance sheet to zero. The fair value of the actual collateral received by or posted to the same counterparty typically exceeds the amounts presented. See Note 7 for a discussion of collateral posted for, or received for, repurchase obligations and derivative instruments.

NOTE 9. LONG-TERM DEBT

Long-term debt at December 31, 2021 and 2020 is summarized as follows:

(in thousands)

	2021	2020
Junior subordinated debt	\$ 26,804	\$ 26,804
Note payable	635	657
Paycheck Protection Plan ("PPP") loan	-	152
Total	\$ 27,439	\$ 27,613

Junior Subordinated Debt

During 2005, Bimini Capital sponsored the formation of a statutory trust, known as Bimini Capital Trust II ("BCTII") of which 100% of

the common equity is owned by Bimini Capital. It was formed for the purpose of issuing trust preferred capital securities to investors and investing the proceeds from the sale of such capital securities solely in junior subordinated debt securities of Bimini Capital. The debt securities held by BCTII are the sole assets of BCTII.

As of December 31, 2021 and 2020, the outstanding principal balance on the junior subordinated debt securities owed to BCTII was \$26.9 million. The BCTII trust preferred securities and Bimini Capital's BCTII Junior Subordinated Notes have a rate of interest of 1.90% over the prevailing three-month LIBOR rate. As of December 31, 2021, the interest rate was 3.70%. The BCTII trust preferred securities and Bimini Capital's BCTII Junior Subordinated Notes require quarterly interest distributions and are redeemable at Bimini Capital's option, in whole or in part and without penalty. Bimini Capital's BCTII Junior Subordinated Notes are subordinated and junior to all present and future senior indebtedness.

BCTII is a VIE because the holders of the equity investment at risk do not have substantive decision making ability over activities. Since Bimini Capital's investment in BCTII's common equity securities was financed directly by BCTII as a result of its loan of the proceeds to Bimini Capital, that investment is not considered to be an equity investment at risk. Since Bimini Capital's investment in BCTII is not a variable interest, Bimini Capital is not the primary beneficiary of BCTII. Therefore, Bimini Capital has not consolidated the financial statements of BCTII into its consolidated financial statements and this investment is accounted for in the equity method.

The accompanying consolidated financial statements present Bimini Capital's BCTII Junior Subordinated Notes issued to BCTII as Bimini Capital's investment in the common equity securities of BCTII as an asset (included in other assets). For financial purposes, Bimini Capital records payments of interest on the Junior Subordinated Notes issued to BCTII as interest expense.

Note Payable

On October 30, 2019, the Company borrowed \$500,000 from a bank. The note is payable in equal monthly principal and installments of approximately \$500 through October 30, 2029. Interest accrues at 2.99% through October 30, 2024. Thereafter, accrues based on the weekly average yield to the United States Treasury securities adjusted to a constant maturity of 5 years. The note is secured by a mortgage on the Company's office building.

Paycheck Protection Plan Loan

On April 13, 2020, the Company received approximately \$151,000 through the Paycheck Protection Program ("PPP") of the Act in the form of a low interest loan. The PPP loan had a fixed rate of 1.00% and a term of two years, if not forgiven, in whole or in part. The Small Business Administration notified the Company that, effective April 22, 2021, all principal and accrued interest under the PPP loan was forgiven.

The table below presents the future scheduled principal payments on the Company's long-term debt.

(in thousands)

Year Ending December 31,	Amounts
2022	\$ 23
2023	24
2024	25
2025	26
2026	28
Thereafter	27,313
Total	\$ 27,439

NOTE 10. CAPITAL STOCK

Authorized Shares

The total number of shares of capital stock which the Company has the authority to issue is 110,000,000 shares, classified 100,000,000 shares of common stock, and 10,000,000 shares of preferred stock. The Board of Directors has the authority to unissued shares by setting or changing in any one class, in any respects the preferences, conversion or other rights, voting powers, restrictions, limitations as to dividends, qualifications or terms or conditions of redemption of such shares.

Common Stock

Of the 100,000,000 authorized shares of common stock, 88,000,000 shares were designated as Class A common stock, 10,000,000 shares were designated as Class B common stock and 2,000,000 shares were designated as Class C common stock. Holders of common stock have no sinking fund or redemption rights and have no pre-emptive rights to subscribe for any of the Company's common shares. All common shares have a \$0.01 par value.

Class A Common Stock

Each outstanding share of Class A common stock entitles the holder to one vote on all matters submitted to a vote of stockholders, including the election of directors. Holders of shares of Class A common stock are not entitled to cumulate their votes in the election of

Subject to the preferential rights of any other class or series of stock and to the provisions of the Company's charter, as regarding the restrictions on transfer of stock, holders of shares of Class A common stock are entitled to receive dividends on such stock if and when authorized and declared by the Board of Directors.

Class B Common Stock

Each outstanding share of Class B common stock entitles the holder to one vote on all matters submitted to a vote of stockholders, including the election of directors. Holders of shares of Class B common stock are not entitled to cumulate their votes in the election of directors. Holders of shares of Class A common stock and Class B common stock shall vote together as one class in all matters except any matters which would adversely affect the rights and preferences of Class B common stock as a separate class shall require a separate approval by holders of a majority of the outstanding shares of Class B common stock. Holders of shares of Class B common stock are entitled to receive dividends on each share of Class B common stock in an amount equal to the dividends declared on a share of Class A common stock if, as and when authorized and declared by the Board of Directors.

Each share of Class B common stock shall automatically be converted into one share of Class A common stock on the first day of the fiscal quarter following the fiscal quarter during which the Company's Board of Directors were notified that, as of the end of such fiscal quarter, the stockholders' equity attributable to the Class A common stock, calculated on a pro forma basis as if conversion of the Class B stock (or portion thereof to be converted) had occurred, and otherwise determined in accordance with GAAP, equals \$36.90 per share (adjusted equitably for any stock splits, stock combinations, stock dividends or the like); provided, that the number of shares of Class B common stock to be converted into Class A common stock in any quarter shall not exceed an amount that will cause the equity attributable to the Class A common stock calculated as set forth above to be less than \$50.00 per share; provided further, that such conversions shall continue to occur until all shares of Class B common stock have been converted into shares of Class A common stock; and provided further, that the total number of shares of Class A common stock issuable upon conversion of the Class B common stock shall not exceed 20% of the total shares of common stock outstanding prior to completion of an initial public offering of Bimini Capital's Class A common stock.

Class C Common Stock

No dividends will be paid on the Class C common stock. Holders of shares of Class C common stock are not entitled to matter on any matter submitted to a vote of stockholders, including the election of directors, except that any matters that would adversely affect the rights of the Class C common stock as a separate class shall require the approval of a majority of the Class C common stock.

Each share of Class C common stock shall automatically be converted into one share of Class A common stock on the first day of the following fiscal quarter during which the Company's Board of Directors were notified that, as of the end of such fiscal quarter, the stockholders' equity attributable to the Class A common stock, calculated on a pro forma basis as if conversion of the Class C common stock had occurred and giving effect to the conversion of all of the shares of Class B common stock as of such date, and otherwise determined in accordance with GAAP, equals no less than \$150.00 per share (adjusted equitably for any stock splits, stock combinations, stock dividends or the like); provided, that the number of shares of Class C common stock to be converted into Class A common stock shall not exceed an amount that will cause the stockholders' equity attributable to the Class A common stock calculated as if converted to be less than \$50.00 per share; and provided further, that such conversions shall continue to occur until all Class C common stock have been converted into shares of Class A common stock and provided further, that the total number of shares of Class A common stock issuable upon conversion of the Class C common stock shall not exceed 3% of the total shares of common stock outstanding prior to completion of an initial public offering of Bimini Capital's Class A common stock.

Preferred Stock

General

There are 10,000,000 authorized shares of preferred stock, with a \$0.01 par value per share. The Company's Board of Directors has the authority to classify any unissued shares of preferred stock and to reclassify any previously classified but unissued shares of preferred stock previously authorized by the Board of Directors. Prior to issuance of shares of each class or series of preferred stock, the Board of Directors is required by the Company's charter to fix the terms, preferences, conversion or voting powers, restrictions, limitations as to dividends or other distributions, qualifications and terms or conditions of redemption for each such class or series.

Classified and Designated Shares

Pursuant to the Company's supplementary amendment of its charter, effective November 3, 2005, and by resolutions adopted on September 29, 2005, the Company's Board of Directors classified and designated 2,000,000 shares of the authorized but unissued preferred stock, \$0.01 par value, as Class A Redeemable Preferred Stock and 2,000,000 shares of the authorized but unissued preferred stock as Class B Redeemable Preferred Stock.

Preferred Stock

The Class A Redeemable Preferred Stock and Class B Redeemable Preferred Stock rank equal to each other and shall have the same preferences, rights, voting powers, restrictions, limitations as to dividends and other distributions, qualifications and conditions of redemption, provided, however that the redemption provisions of the Class A Redeemable Preferred Stock and the Class B Redeemable Preferred Stock shall have preference. Each outstanding share of Class A Redeemable Preferred Stock and Class B Redeemable Preferred Stock shall have one vote on all matters submitted to a vote of stockholders (or such lesser fraction of a vote as would be required to comply with the rules and regulations of the NYSE relating to the Company's right to issue securities without obtaining a stockholder vote). The holders of shares of preferred stock shall vote together with holders of shares of common stock as one class in all matters submitted to a vote of stockholders.

The previously outstanding shares of Class A Redeemable Preferred Stock were converted into Class A common stock on April 28, 2006. No shares of the Class B Redeemable Preferred Stock have ever been issued.

In 2015 the Board approved Articles Supplementary to the Company's charter reclassifying and designating 2,000,000 shares of authorized but unissued Class A Redeemable Preferred Stock into undesignated preferred stock, par value \$1.00 per share, of the Company ("Preferred Stock"). After giving to the reclassification and designation of the shares of Class A Preferred Stock and Class B Preferred Stock, the Company has authority to issue 4,000,000 shares of undesignated Preferred Stock and no shares of Class A Preferred Stock or Class B Stock. The Articles Supplementary were filed with the State Department of Assessments and Taxation of Maryland (the "SDAT") and became effective upon filing on December 21, 2015.

In 2015 the Board approved Articles Supplementary to the Company's charter creating a new series of Preferred Stock as designated Senior Preferred Stock, par value \$1 per share, of the Company (the "Series A Preferred Stock"). The Articles Supplementary were filed with the SDAT and became effective upon filing on December 21, 2015.

Rights Plan

On December 21, 2015 the Board adopted a rights agreement and declared a distribution of one preferred stock purchase ("Right") for each outstanding share of the Company's Class A common stock, Class B common stock, and Class C common stock was payable to stockholders of record as of the close of business on December 21, 2015.

The Rights Subject to the terms, provisions and conditions of the Rights Plan, if the Rights become exercisable, each initially represents the right to purchase from the Company one ten-thousandth of a share of Series A Preferred Stock for a purchase price of \$4.76, subject to adjustment in accordance with the terms of the Rights Plan (the "Purchase Price"). If issued, each fraction of Series A Preferred Stock would give the stockholder approximately the same distribution, voting and liquidation rights as does one share of the Company's Class A common stock. However, prior to exercise, a Right does not give its holder any rights as a stockholder of the Company, including without limitation any distribution, voting or liquidation rights.

Exercisability The Rights will generally not be exercisable until the earlier of (i) 10 business days after a public announcement by the Company that a person or group has acquired 4% or more of the outstanding Class A common stock without the approval of the Board of Directors (an "Acquiring Person") and (ii) 10 business days after the commencement of a tender or exchange offer by a group for 4.9% or more of the Class A common stock.

The date that the Rights may first become exercisable is referred to as the "Distribution Date." Until the Distribution Date, the Class A common stock, Class B common stock and Class C common stock certificates will represent the Rights and will continue to that effect. Any transfer of shares of Class A common stock, Class B common stock and/or Class C common stock prior to the Distribution Date will constitute a transfer of the associated Rights. After the Distribution Date, the Rights may be transferred with the transfer of the underlying shares of Class A common stock, Class B common stock or Class C common stock.

After the Distribution Date and following a determination by the Board that a person is an Acquiring Person, each holder of a Right beneficially owned by the Acquiring Person (which will thereupon become void), will thereafter have the right to, upon exercise of a Right and payment of the Purchase Price, that number of shares of Class A common stock, Class B common stock or Class C common stock, as the case may be, having a market value of two times the Purchase Price (or, at the option, shares of Series A Preferred Stock or other consideration as provided in the Rights Plan).

Exchange After the Distribution Date and following a determination by the Board that a person or group is an Acquiring Person, the Board may exchange the Rights (other than Rights owned by such an Acquiring Person which will have become void), in whole or in exchange ratio of one share of Class A common stock, Class B common stock or Class C common stock, as the case may be, or a fractional share of Series A Preferred Stock (or of a share of a similar class or series of the Company's having similar Rights, preferences and privileges) of equivalent value, per Right (subject to adjustment).

Expiration The Rights and the Rights Plan will expire on the earliest of (i) December 31, 2025, (ii) the time at which the Rights are redeemed pursuant to the Rights Plan, (iii) the time at which the Rights are exchanged pursuant to the Rights Plan, (iv) the expiration of Section 82 of the Code or any successor statute if the Board determines that the Rights Plan is no longer necessary for the preservation of the applicable tax benefits, (v) the beginning of a taxable year of the Company to which the Board determines that no tax benefits may be carried forward and (vi) the close of business on June 30, 2016 if approval of the Rights Plan by the Company's stockholders has not been obtained.

Redemption At any time prior to the time an Acquiring Person becomes such, the Board may redeem the Rights in part, at a price of \$0.00 per Right (the "Redemption Price"). The redemption of the Rights may be made effective at such time and with such conditions as the Board in its sole discretion may establish. Immediately upon any redemption of the Rights to exercise the Rights will terminate and the only right of the holders of Rights will be to receive the Redemption Price.

Anti-Dilution Provision The Board may adjust the Purchase Price, the number of shares of Series A Preferred Stock or securities issuable and the number of outstanding Rights to prevent dilution that may occur as a result of certain events, including a stock dividend, a forward or reverse stock split or a reclassification of the preferred shares or Class A common stock or Class C common stock. No adjustments to the Purchase Price of less than 1% will be made.

Anti-Takeover Effects While this was not the purpose of the Board when adopting the Rights Plan, the Rights will have anti-takeover effects. The Rights will cause substantial dilution to any person or group that attempts to acquire the Company without the approval of the Board. As a result, the overall effect of the Rights may be to render more difficult or discourage any attempt to acquire the Company even if such acquisition may be favorable to the interests of the Company's stockholders. Because the exercise of the Rights, the Rights should not interfere with a merger or other business combination approved by the Board.

Amendments Before the Distribution Date, the Board may amend or supplement the Rights Plan without the consent of holders of the Rights. After the Distribution Date, the Board may amend or supplement the Rights Plan only to cure an ambiguity, to correct inconsistent provisions, or to make any additional changes to the Rights Plan, but only to the extent that those changes do not impair or adversely affect, in any material respect, any Rights holder and do not result in the Rights becoming redeemable, and no such amendment may cause the Rights again to become redeemable or cause this Rights Plan to become amendable other than in accordance with the applicable timing of the Rights Plan.

There were no issuances of the Company's Class A Common Stock, Class B Common Stock or Class C Common Stock during the years ended December 31, 2021 and 2020.

Stock Repurchase Plans

On March 26, 2018, the Board of Directors of the Company (the "Board") approved a Stock Repurchase Plan (the "2018 Repurchase Plan"). Pursuant to the 2018 Repurchase Plan, the Company could purchase up to 500,000 shares of its Class A Common Stock from time to time, subject to certain limitations imposed by Rule 10b-18 of the Securities Exchange Act of 1934. The 2018 Repurchase Plan was terminated on September 16, 2021.

During the period beginning January 1, 2021 through September 16, 2021, the Company repurchased 105,147 shares under the 2018 Repurchase Plan at an aggregate cost of approximately \$200, including commissions and fees, for a weighted average price of \$1.92 per share. From the inception of the 2018 Repurchase Plan through its termination, the Company repurchased 71,698 shares at an aggregate cost of approximately \$136,243 including commissions and fees, for a weighted average price of \$1.92 per share.

On September 16, 2021, the Board authorized a share repurchase plan pursuant to Rule 10b5-1 of the Securities Exchange Act of 1934 (the "2021 Repurchase Plan"). Pursuant to the 2021 Repurchase Plan, the Company may purchase shares of its Class A Common

Stock from time to time for an aggregate purchase price not to exceed \$2.5 million. Share repurchases may be executed through, including, without limitation, open market transactions. The 2021 Repurchase Plan does not obligate the Company to purchase any shares, and it expires on September 16, 2023. The authorization for the 2021 Repurchase Plan may be terminated, increased or the Company's Board of Directors in its discretion at any time. During the year ended December 31, 2021, any repurchased a total of 2,287 shares at an aggregate cost of approximately \$2,905 including commissions and fees, for an average price of \$1.09 per share under the 2021 repurchase Plan subsequent to December 31, 2021, and through March 10, 2022, the Company repurchased a total of 170,422 shares at an aggregate cost of approximately \$145,732 including commissions and fees, for a weighted average price of \$0.85 per share.

Tender Offer

In July 2021, the Company completed a “modified Dutch auction” tender offer and paid an aggregate of \$1.5 million, including fees, to repurchase 12,879 shares of Bimini Capital’s Class A common stock at a price of \$0.11 per share. The aggregate cost of the tender offer, including commissions and fees, was approximately \$1.5 million.

NOTE 11. COMMITMENTS AND CONTINGENCIES

From time to time, the Company may become involved in various claims and legal actions arising in the ordinary course of business.

On April 22, 2020, the Company received a demand for payment from Citigroup, Inc. in the amount of \$10 million related to the indemnification provisions of various mortgage loan purchase agreements (“MLPA’s”) entered into between Citigroup Global Markets Realty Corp and Royal Palm Capital, LLC (f/k/a Opteum Financial Services, LLC) prior to the date Royal Palm’s mortgage origination in 2007. In November 2021, Citigroup notified the Company of additional indemnity claims totaling \$9.2 million based on Royal Palm’s alleged breaches of certain representations and warranties in the related MLPA’s. The Company denies the demands are without merit and intends to defend against the demands vigorously. No provision or accrual has been recorded as of December 31, 2021 related to the Citigroup demands.

Management is not aware of any other significant reported or unreported contingencies at December 31, 2021.

NOTE 12. INCOME TAXES

In 2021, the Company recorded an income tax benefit of \$1.4 million, including a \$1.3 million decrease in the deferred tax valuation allowance as a result of management’s reassessment of the Company’s ability to utilize net operating losses (“NOLs”) and capital loss carryforwards to offset future taxable income. In 2020, the Company recorded an income tax benefit of \$1.3 million, including a \$0.3 million increase in the deferred tax asset valuation allowance as a result of management’s reassessment of the Company’s ability to utilize NOLs and capital loss carryforwards to offset future taxable income.

The income tax benefit included in the consolidated statements of operations consists of the following for the years ended 2021 and 2020:

(in thousands)

	2021	2020
Current	\$ -	\$ 10
Deferred	(368)	(1,379)
Income tax benefit, net	\$ (368)	\$ (1,369)

The income tax provision differs from the amount computed by applying the federal income tax statutory rate of 21 percent to pretax income before income tax expense. A reconciliation for the years ended December 31, 2021 and 2020 is presented below.

(in thousands)

	2021	2020
Federal tax benefit based on statutory rate applicable for each year	\$ (19)	\$ (1,440)
State income tax benefit	(8)	(302)
Non-deductible expenses	631	-
(Decrease) increase of deferred tax asset valuation allowance	(2,191)	349
Other	1,219	24
Income tax benefit	\$ (368)	\$ (1,369)

Deferred tax assets consisted of the following as of December 31, 2021 and 2020:

(in thousands)

	2021	2020
Deferred tax assets:		
Net operating loss carryforwards	\$ 58,391	\$ 58,701
Orchid Island Capital, Inc. common stock	3,198	3,083
MBS unrealized losses and gains	582	241
Capital loss carryforwards	1,423	2,573
Management agreement	813	813
Other	413	1,232
	64,820	66,643
Valuation allowance	(29,784)	(31,975)
Net deferred tax assets	\$ 35,036	\$ 34,668

As of December 31, 2021 and 2020, the Company had federal NOL carryforwards of approximately \$267.7 million and \$268.9 million, respectively, and Florida NOL carryforwards of \$9.6 million and \$4.8 million, respectively. The NOL carryforwards can be used to offset future taxable income and will begin to expire in 2026.

In connection with Orchid's 2013 IPO, Bimini Advisors paid for, and expensed for GAAP purposes, certain offering costs totaling \$2 million. For tax purposes, these offering costs created an intangible asset related to the Orchid management agreement with a tax basis of \$2 million. The deferred tax asset related to the intangible asset at December 31, 2021 and 2020 was \$0.8 million and \$0.8 million, respectively.

In assessing the realizability of deferred tax assets, management considers whether it is more likely than not that some or all of the deferred tax assets will not be realized. The ultimate realization of capital loss and NOL carryforwards is dependent upon the future capital gains and taxable income in periods prior to their expiration. The valuation allowance is based on management's estimated projections of future taxable income, and the projected ability to utilize the NOL carryforwards to offset taxable income before the NOLs expire. With respect to the taxable income projections, management estimates the dividends from Orchid to the MBS portfolio, management makes estimates of various metrics such as the yields on the assets it plans to acquire, funding and interest costs, future prepayment speeds and net interest margin, among others. Estimates are also made for other expenses. Changes in the taxable income projections have a direct impact on the amount of the valuation allowance and any reporting period may be significant. Utilization of the NOLs is based on these estimates and the assumption that management will be able to reinvest retained earnings in order to grow the MBS portfolio going forward and that market value will not be eroded by adverse market conditions or hedging inefficiencies. These estimates and assumptions may change from year to year due to Orchid's book value changes, thus changing projected management fees and overhead sharing payments, and market conditions, including changes in interest rates, such that estimates with respect to the portfolio metrics warrant revisions.

The Company continues to hold a minimal amount of residual interests in real estate mortgage investment conduits some of which generate excess inclusion income ("EII"). These residual interests have no recorded value on the balance sheet. In its 2009 tax return, the Company disclosed a tax filing position related to the EII taxable income and has since included a notice of non-compliance in its tax returns to disclose the position. The tax filing position will continue to be disclosed with respect to the remaining securitizations as long as they are held.

The Company has not identified any unrecognized tax benefits that would result in liabilities its consolidated financial statements. The Company has not had any settlements in the current period with taxing authorities and is not currently under audit. Additionally, no tax benefits have been recognized in the consolidated financial statements as a result of a lapse of the applicable statute of limitations.

NOTE 13. EARNINGS PER SHARE

Shares of Class B common stock, participating and convertible into Class A common stock, are entitled to receive an amount equal to the dividends declared on each share of Class A common stock if, and when, authorized and declared by the Board of Directors. The Class B common stock is included in the computation of basic EPS using the two-class method, and consequently is presented separately from Class A common stock. Shares of Class B common stock are not included in the computation of diluted Class A EPS as the conditions for conversion to Class A common stock were not met at December 31, 2021 and 2020.

Shares of Class C common stock are not included in the basic EPS computation as these shares do not have participation rights. Shares of Class C common stock are not included in the computation of diluted Class A EPS as the conditions for conversion to Class A common stock were not met at December 31, 2021 and 2020.

The table below reconciles the numerators and denominators of the basic and diluted EPS.

(in thousands, except per-share information)

	2021	2020
Basic and diluted EPS per Class A common share:		
Income (loss) attributable to Class A common shares:		
Basic and diluted	\$ 274	\$ (5,474)
Weighted average common shares:		
Class A common shares outstanding at the balance sheet date	10,702	11,609
Effect of weighting	496	-
Weighted average shares-basic and diluted	11,198	11,609
Income (loss) per Class A common share:		
Basic and diluted	\$ 0.02	\$ (0.47)

(in thousands, except per-share information)

	2021	2020
Basic and diluted EPS per Class B common share:		
Income (loss) attributable to Class B common shares:		
Basic and diluted	\$ 1	\$ (15)
Weighted average common shares:		
Class B common shares outstanding at the balance sheet date	32	32
Effect of weighting	-	-
Weighted average shares-basic and diluted	32	32
Income (loss) per Class B common share:		
Basic and diluted	\$ 0.02	\$ (0.47)

NOTE 14. FAIR VALUE

Fair value is the price that would be received to sell an asset or paid to transfer a liability (an exit price). A fair value reflects measurement assumptions that market participants would use in pricing the asset or liability, including the assumptions about the risk inherent in a particular valuation technique, the effect of a restriction on the sale or use of an asset and the risk of non-performance. Required disclosures include stratification of balance sheet amounts measured at fair value based on inputs the Company uses to derive fair value measurements. These stratifications are:

- Level 1 valuations, where the valuation is based on quoted market prices for identical assets or liabilities traded in active markets (which include exchanges and over-the-counter markets with sufficient volume),
- Level 2 valuations, where the valuation is based on quoted market prices for similar instruments traded in active markets to quoted prices for identical or similar instruments in markets that are not active and model-based valuation techniques for which all significant assumptions are observable in the market, and
- Level 3 valuations, where the valuation is generated from model-based techniques that use significant assumptions not observable in the market, but observable based on Company-specific data. These unobservable assumptions reflect the Company's own estimates for assumptions that market participants would use in pricing the asset or liability. Valuations typically include option pricing models, discounted cash flow models and similar techniques, but may also include the use of market prices of assets or liabilities that are not directly comparable to the subject asset or liability.

MBS, Orchid common stock, retained interests and TBA securities were all recorded at fair value on a recurring basis. In determining fair value measurements, the Company considers the principal or most advantageous market in which it would sell and considers assumptions that market participants would use when pricing the asset. When possible, the Company looks to observable markets to price identical assets. When identical assets are not traded in active markets, the Company looks to observable data for similar assets. Fair value measurements for the retained interests are generated by a model that requires management to make a significant number of assumptions, and this model resulted in a value of zero at both December 31, 2020, and 2021.

The Company's MBS and TBA securities are valued using Level 2 valuations, and such valuations currently are determined by the Company based on independent pricing sources and/or third party broker quotes, when available. Because the price estimates the Company must make certain judgments and assumptions about the appropriate price to use to calculate the fair values. The Company's independent pricing sources use various valuation techniques to determine the price of the Company's securities. These techniques include observing the most recent market for like or identical assets (including security coupon, maturity, yield, and spread), spread pricing techniques to determine market credit spreads (option adjusted spread, zero volatility spread, spread to the LIBOR curve or spread to a benchmark such as a TBA security), and model driven approaches (the discounted cash flow method, Black-Scholes and SABR models which rely upon observable market rates such as the term structure of interest rates and the appropriate spread pricing method used is based on market convention. The pricing source determines the spread of recently observed activity or observable markets for assets similar to those being priced. The spread is then adjusted based on variances in characteristics between the market observation and the asset being priced. Those characteristics include: type of asset, the expected life of the asset, the stability and predictability of the expected future cash flows of the asset, whether the coupon of the asset is fixed or floating, the guarantor of the security if applicable, the coupon, the maturity, the issuer, size of the underlying loans, year in which the loans were originated, loan to value ratio, state in which the underlying loans reside, credit score of the underlying borrower variables if appropriate. The fair value of the security is determined by using the adjusted spread.

The Company's futures contracts are Level 1 valuations, as they are exchange-traded instruments and quoted market prices are readily available. Futures contracts are settled daily. The Company's interest rate swaps and interest rate swaptions are Level 2 valuations. The fair value of interest rate swaps is determined using a discounted cash flow approach using forward market interest rates, which are observable inputs. The fair value of interest rate swaptions is determined using an option pricing model.

The following table presents financial assets and liabilities measured at fair value on a recurring basis as of December 31, 2021, and 2020.

(in thousands)

	Fair Value Measurements	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
December 31, 2021				
Mortgage-backed securities	\$ 60,803	\$ -	\$ 60,803	\$ -
Orchid Island Capital, Inc. common stock	11,679	11,679	-	-
December 31, 2020				
Mortgage-backed securities	\$ 65,178	\$ -	\$ 65,178	\$ -
Orchid Island Capital, Inc. common stock	13,548	13,548	-	-

During the years ended December 31, 2021 and 2020, there were no transfers of financial assets or liabilities between levels 1, 2 or 3.

NOTE 15. SEGMENT INFORMATION

The Company's operations are classified into two principal reportable segments; the asset management segment and the investment portfolio segment.

The asset management segment includes the investment advisory services provided by Bimini Advisors to Orchid Palm and Royal. As discussed in Note 2, the revenues of the asset management segment consist of management fees and overhead reimbursements received pursuant to a management agreement with Orchid. Total revenue received under this agreement for the years ended December 31, 2021 and 2020, were approximately \$11 million and \$8 million, respectively, accounting for approximately 70% and 55% of consolidated revenues, respectively.

The investment portfolio segment includes the investment activities conducted by Royal Palm. The investment portfolio segment receives revenue in the form of interest and dividend income on its investments.

Segment information for the years ended December 31, 2021 and 2020 is as follows:

(in thousands)

	Asset Management	Investment Portfolio	Corporate	Eliminations	Total
2021					
Advisory services, external customers	\$ 9,788	\$ -	\$ -	\$ -	\$ 9,788
Advisory services, other operating segments	147	-	-	(147)	-
Interest and dividend income	-	4,262	-	-	4,262
Interest expense	-	(116)	(997) ²⁾	-	(1,113)
Net revenues	9,935	4,146	(997)	(147)	12,937
Other (expense) income	-	(4,898)	154 ³⁾	-	(4,744)
Operating expenses ⁴⁾	(5,676)	(2,609)	-	-	(8,285)
Intercompany expenses ⁵⁾	-	(147)	-	147	-
Income (loss) before income taxes	\$ 4,259	\$ (3,508)	\$ (843)	\$ -	\$ (92)
Assets	\$ 1,901	\$ 111,022	\$ 9,162	\$ -	\$ 122,085
2020					
Advisory services, external customers	\$ 6,795	\$ -	\$ -	\$ -	\$ 6,795

Advisory services, other operating segments	152	-	-	(152)	-
Interest and dividend income	-	5,517	-	-	5,517
Interest expense	-	(1,074)	(1,151) ²⁾	-	(2,225)
Net revenues	6,947	4,443	(1,151)	(152)	10,087
Other expense	-	(9,825)	(454) ³⁾	-	(10,279)
Operating expenses ⁴⁾	(3,653)	(3,014)	-	-	(6,667)
Intercompany expenses ⁵⁾	-	(152)	-	152	-
Income (loss) before income taxes	\$ 3,294	\$ (8,548)	\$ (1,605)	\$ -	\$ (6,859)
Assets	\$ 1,469	\$ 113,764	\$ 13,468	\$ -	\$ 128,701

- (1) Includes advisory services revenue received by Bimini Advisors from Royal Palm.
- (2) Includes interest on long-term debt.
- (3) Includes income recognized on the forgiveness of the PPP loan and gains (losses) on Eurodollar futures contracts entered into as a hedge on subordinated notes.
- (4) Corporate expenses are allocated based on each segment's proportional share of total revenues.

NOTE 16. RELATED PARTY TRANSACTIONS

Other Relationships with Orchid

At both December 31, 2021 and 2020, the Company owned 2,595,357 shares of Orchid common stock representing approximately 1.5% and 3.4%, respectively, of Orchid's outstanding common stock, on such dates. During the years ended 31, 2021 and 2020, the Company received dividends on this common stock investment of approximately \$2.0 million and \$8 million, respectively.

Robert Cauley, our Chief Executive Officer and Chairman of our Board of Directors, also serves as Chief Executive Officer and Chairman of Board of Directors of Orchid, is eligible to receive compensation from Orchid and owns shares of common stock of Orchid. Christopher Haas, our Chief Financial Officer, Chief Investment Officer and Treasurer, also serves as Chief Financial Officer, Chief Investment Officer and Secretary of Orchid, is a member of Orchid's Board of Directors, is eligible to receive compensation from Orchid, and owns shares of common stock of Orchid. Robert J. Dwyer and Frank E. Jaumot, our independent directors, also own shares of common stock of Orchid.

ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE.

We had no disagreements with our Independent Registered Public Accounting Firm on any matter of accounting principles or practices or financial statement disclosure.

ITEM 9A. CONTROLS AND PROCEDURES.

Evaluation of Disclosure Controls and Procedures

As of the end of the period covered by this report (the “evaluation date”), the Company carried out an evaluation, under the supervision and with the participation of the Company’s management, including the Company’s Chief Executive Officer (“the CEO”) and Chief Financial Officer (“the CFO”), of the effectiveness of the design and operation of the Company’s disclosure controls and procedures, as defined in Rule 13a-15(e) under the Exchange Act of 1934 (the “Exchange Act”). Based on this evaluation, the CEO and CFO concluded that the Company’s disclosure controls and procedures, as designed and implemented, were effective as of the evaluation date (1) in ensuring that information regarding the Company and its subsidiaries is accumulated and communicated to management, including our CEO and CFO, by our employees, as appropriate to allow timely decisions regarding required disclosure and (2) in providing reasonable assurance that information the Company must disclose in its periodic reports under the Exchange Act is recorded, processed, summarized and reported within the time periods prescribed by the SEC’s rules and forms.

Changes in Internal Controls over Financial Reporting

There were no significant changes in the Company’s internal control over financial reporting that occurred during the Company’s most recent fiscal quarter that have materially affected, or are reasonably likely to materially affect, the Company’s internal control over financial reporting. In response to the COVID-19 pandemic, Company employees began working from home on March 23, 2020 and generally returned to the office in June 2021. Management took measures to ensure that the Company’s internal control over financial reporting were unchanged during this period.

Management’s Report of Internal Control over Financial Reporting

Management of the Company is responsible for establishing and maintaining adequate internal control over financial reporting. Internal control over financial reporting is defined in Rules 13a-15(f) under the Securities Exchange Act as a process designed by, and under the supervision of, the Company’s principal executive and principal financial officers and effected by the Company’s board of directors, management and other personnel to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external purposes in accordance with generally accepted accounting principles and includes those policies and procedures that:

- pertain to the maintenance of records that in reasonable detail accurately and fairly reflect the transactions and dispositions of the assets of the Company;
- provide reasonable assurance that transactions are recorded as necessary to permit preparation of consolidated financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the Company are made only in accordance with authorizations of management and directors of the Company; and
- provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of the Company’s assets that could have a material effect on the consolidated financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. As a result, even systems determined to be effective can provide only reasonable assurance regarding the preparation and presentation of consolidated financial statements. Moreover, projections of any evaluation of effectiveness to future periods are subject to the risks that controls may become inadequate because of changes in conditions or that the degree of compliance with the policies or procedures may deteriorate.

The Company's management assessed the effectiveness of the Company's internal control over financial reporting as of December 31, 2021. In making this assessment, the Company's management used criteria set forth in *Internal Control—Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission.

Based on management's assessment, the Company's management believes that, as of December 31, 2021, the Company's internal control over financial reporting was effective based on those criteria.

ITEM 9B. OTHER INFORMATION.

None.

ITEM 9C. DISCLOSURE REGARDING FOREIGN JURISDICTIONS THAT PREVENT INSPECTIONS.

Not applicable.

PART III

ITEM 10. Directors, Executive Officers and Corporate Governance.

The information required by this Item 10 and not otherwise set forth below is incorporated herein by reference to the Company's Proxy Statement relating to the Company's 2022 Annual Meeting of Stockholders, which the Company expects to file with the Securities and Exchange Commission, pursuant to Regulation 14A, not later than 120 days after December 31, 2021 (the "Proxy Statement").

ITEM 11. Executive Compensation.

The information required by this Item 11 is incorporated herein by reference to the Proxy Statement.

ITEM 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters.

The information required by this Item 12 is incorporated herein by reference to the Proxy Statement and to Part II, Item 5 of Form 10-K.

ITEM 13. Certain Relationships and Related Transactions, and Director Independence.

The information required by this Item 13 is incorporated herein by reference to the Proxy Statement.

ITEM 14. Principal Accountant Fees and Services.

The information required by this Item 14 is incorporated herein by reference to the Proxy Statement.

PART IV

ITEM 15. Exhibits, Financial Statement Schedules.

- a. Financial Statements. The consolidated financial statements of the Company, together with the report of Independent Registered Public Accounting Firm thereon, are set forth in Part II-Item 8 of this Form 10-K and are incorporated herein by reference.

The following information is filed as part of this Form 10-K:

	<u>Page</u>
Report of Independent Registered Public Accounting Firm (BDO USA, LLP; West Palm Beach, FL; PCAOB ID#243)	63
Consolidated Balance Sheets	65
Consolidated Statements of Operations	66
Consolidated Statements of Equity	67
Consolidated Statements of Cash Flows	68
Notes to Consolidated Financial Statements	69

- b. Financial Statement Schedules.

Not applicable.

- c. Exhibits.

Exhibit No

- 3.1 [Articles of Amendment and Restatement, incorporated by reference to Exhibit 3.1 to the Company's Form S-11/A, filed with the SEC on April 29, 2004](#)
- 3.2 [Articles Supplementary, incorporated by reference to Exhibit 3.1 to the Company's Current Report on Form 8-K, dated November 3, 2005, filed with the SEC on November 8, 2005](#)
- 3.3 [Articles of Amendment, incorporated by reference to Exhibit 3.1 to the Company's Current Report on Form 8-K, dated February 10, 2006, filed with the SEC on February 15, 2006](#)
- 3.4 [Articles of Amendment, incorporated by reference to Exhibit 3.1 to the Company's Current Report on Form 8-K, dated September 24, 2007, filed with the SEC on September 24, 2007](#)
- 3.5 [Certificate of Notice, incorporated by reference to Exhibit 3.1 to the Company's Current Report on Form 8-K, dated January 28, 2008, filed with the SEC on February 1, 2008](#)
- 3.6 [Articles Supplementary, reclassifying shares of Class A Preferred Stock and Class B Preferred Stock into Preferred Stock, incorporated by reference to Exhibit 3.1 to the Company's Current Report on Form 8-K, dated December 21, 2015, filed with the SEC on December 21, 2015](#)
- 3.7 [Articles Supplementary, creating the Series A Preferred Stock, incorporated by reference to Exhibit 3.2 to the Company's Current Report on Form 8-K, dated December 21, 2015, filed with the SEC on December 21, 2015](#)
- 3.8 [Amended and Restated Bylaws, incorporated by reference to Exhibit 3.2 to the Company's Current Report on Form 8-K, dated September 24, 2007, filed with the SEC on September 24, 2007](#)

- 4.1 [Rights Plan, dated as of December 21, 2015, between the Company and Broadridge Corporate Issuer Solutions, Inc. incorporated by reference to Exhibit 4.1 to the Company's Current Report on Form 8-K, dated December 21, 2015, filed with the SEC on December 21, 2015](#)
- 4.2 [Description of the Company's Capital Stock, incorporated by reference to Exhibit 4.2 to the Company's Annual Report on Form 10-K, filed with the SEC on March 27, 2020](#)
- 10.1 [Management Agreement between Orchid Island Capital, Inc. and Bimini Advisors, LLC date February 20, 2013, incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, dated February 20, 2013, filed with the SEC on February 20, 2013](#)
- 10.2 [First Amendment to Management Agreement dated as of April 1, 2014, incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, dated April 3, 2014](#)
- 10.3 [Second Amendment to Management Agreement dated as of June 30, 2014, incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, dated July 3, 2014](#)
- 10.4 [Third Amendment to Management Agreement dated as of November 16, 2021, incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, dated November 17, 2021, filed with the SEC on November 18, 2021.](#)
- 10.5 [Investment Allocation Agreement among the Company, Orchid Island Capital, Inc. and Bimini Advisors, LLC dated February 20, 2013, incorporated by reference to Exhibit 10.2 to the Company's Current Report on Form 8-K, dated February 20, 2013, filed with the SEC on February 20, 2013](#)
- 10.6 [Agreement between the Company and Robert E. Cauley dated June 30, 2009, regarding compensation payable in connection with certain termination or change of control events, incorporated by reference to Exhibit 99.1 to the Company's Current Report on Form 8-K, filed with the SEC on July 2, 2009](#)
- 10.7 [Agreement between the Company and G. Hunter Haas, IV dated June 30, 2009, regarding compensation payable in connection with certain termination or change of control events, incorporated by reference to Exhibit 99.2 to the Company's Current Report on Form 8-K, filed with the SEC on July 2, 2009](#)
- 21.1 [Subsidiaries of the Registrant](#)
- 31.1 [Certification of the Principal Executive Officer, pursuant to Rule 13a-14\(a\) or 15d-14\(a\) of the Securities Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes Oxley Act of 2002](#)
- 31.2 [Certification of the Principal Financial Officer, pursuant to Rule 13a-14\(a\) or 15d-14\(a\) of the Securities Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes Oxley Act of 2002](#)
- 32.1 [Certification of the Chief Executive Officer, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes Oxley Act of 2002](#)
- 32.2 [Certification of the Chief Financial Officer, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes Oxley Act of 2002](#)

101.INS Instance Document****

101.SCH Taxonomy Extension Schema Document****

101.CAL Taxonomy Extension Calculation Linkbase Document****

101.DEF Additional Taxonomy Extension Definition Linkbase Document****

101.LAB Taxonomy Extension Label Linkbase Document****

101.PRE Taxonomy Extension Presentation Linkbase Document****

104 Cover Page Interactive Data File (embedded within the Inline XBRL document)

* Management compensatory plan or arrangement required to be filed by Item 601 of Regulation S-K.

** Filed herewith.

*** Furnished herewith

**** Submitted electronically herewith.

ITEM 16. Form 10-K Summary.

The Company has elected not to provide summary information.

Signatures

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

BIMINI CAPITAL MANAGEMENT, INC.

Date: March 11, 2022

By: /s/ Robert E. Cauley
Robert E. Cauley
Chairman and Chief Executive Officer

Date: March 11, 2022

By: /s/ G. Hunter Haas, IV
G. Hunter Haas, IV
President, Chief Financial Officer, Chief
Investment Officer and Treasurer (Principal
Financial Officer and Principal Accounting Officer)

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed by the following persons on behalf of the registrant and in the capacities indicated on March 11, 2022.

<u>Signature</u>	<u>Capacity</u>
<u>/s/ Robert E. Cauley</u> Robert E. Cauley	Director, Chairman of the Board and Chief Executive Officer
<u>/s/ G. Hunter Haas, IV</u> G. Hunter Haas, IV	President, Chief Financial Officer, Chief Investment Officer and Treasurer (Principal Financial Officer and Principal Accounting Officer)
<u>/s/ Robert J. Dwyer</u> Robert J. Dwyer	Director
<u>/s/ Frank E. Jaumot</u> Frank E. Jaumot	Director

Exhibit 21.1**Bimini Capital Management, Inc.
Consolidated Subsidiaries of the Registrant
December 31, 2021**

Consolidated subsidiaries included in the 2021 consolidated financial statements of Bimini Capital Management, Inc. are:

	Jurisdiction of Organization	Percentage of Voting Power
Royal Palm Capital, LLC	Delaware	100.0
Bimini Advisors Holdings, LLC	Maryland	100.0
Bimini Advisors, LLC	Maryland	100.0
HomeStar SPV Holdings, Inc.	Delaware	100.0
HS Special Purpose, LLC	Delaware	100.0
Opteum Financial Services Corporation	Pennsylvania	100.0
Opteum Mortgage Acceptance Corporation	Delaware	100.0
Opteum SPV 2, LLC	Delaware	100.0

CERTIFICATIONS

I, Robert E. Cauley, certify that:

1. I have reviewed this Annual Report on Form 10-K of Bimini Capital Management, Inc. (the "registrant");
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing equivalent functions):
 - a) all significant deficiencies and material weakness in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: March 11, 2022

/s/ Robert E. Cauley

Robert E. Cauley
Chairman of the Board and Chief Executive Officer

CERTIFICATIONS

I, G. Hunter Haas, IV, certify that:

1. I have reviewed this Annual Report on Form 10-K of Bimini Capital Management, Inc. (the "registrant");
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing equivalent functions):
 - a) all significant deficiencies and material weakness in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: March 11, 2022

/s/ G. Hunter Haas, IV

G. Hunter Haas, IV
President and Chief Financial Officer

**CERTIFICATION
PURSUANT TO SECTION 906 OF THE
SARBANES-OXLEY ACT OF 2002, 10 U.S.C. SECTION 1350**

I, Robert E. Cauley, in compliance 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, hereby certify that, the Company's Annual Report on Form 10-K for the period ended December 31, 2021 (the "Report") filed with the Securities and Exchange Commission:

1. fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
2. the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

It is not intended that this statement be deemed to be filed for purposes of the Securities Exchange Act of 1934

March 11, 2022

/s/ Robert E. Cauley

Robert E. Cauley,
Chairman of the Board and
Chief Executive Officer

**CERTIFICATION
PURSUANT TO SECTION 906 OF THE
SARBANES-OXLEY ACT OF 2002, 10 U.S.C. SECTION 1350**

I, G. Hunter Haas, IV, in compliance 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, hereby certify that, the Company's Annual Report on Form 10-K for the period ended December 31, 2021 (the "Report") filed with the Securities and Exchange Commission:

1. fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
2. the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

It is not intended that this statement be deemed to be filed for purposes of the Securities Exchange Act of 1934

March 11, 2022

/s/ G. Hunter Haas, IV

G. Hunter Haas, IV

President and Chief Financial Officer

