

Investor Presentation

November 2019

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CAUTIONARY NOTE REGARDING EXPECTED RETURNS AND EXPECTED YIELDS. Expected returns and expected yields are estimates of the annualized effective rate of return that we presently expect to be earned over the expected average life of an investment (i.e., IRR), after giving effect, in the case of returns, to existing leverage and existing hedging costs, and calculated on a weighted average basis. Expected returns and expected yields reflect our estimates of an investment's coupon, amortization of premium or discount, and costs and fees, as well as our assumptions regarding prepayments, defaults and loan losses, among other things. In the case of Servicing Related Assets, these assumptions include, but are not limited to, recapture rates, prepayment rates and delinquency rates. Income recognized by the Company in future periods may be significantly less than the income that would have been recognized if an expected return or expected yield were actually realized, and the estimates we use to calculate expected returns and expected yields could differ materially from actual results. Statements about expected returns and expected yields in this presentation are forward-looking statements. You should carefully read the cautionary statement above under the caption "Forward-looking Statements," which directly applies to our discussion of expected returns and expected yields.

PAST PERFORMANCE. Past performance is not a reliable indicator of future results and should not be relied upon for any reason.

Investment Highlights



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Strong track record of **generating total return**.

Disciplined preservation of book value in volatile economic environment

Strategy designed to excel in a rising rate environment and protect capital when rates decline.

Growing MSR portfolio

Focus on **investment in MSRs**, which provide cash flow and opportunity for capital appreciation in a rising interest rate environment.

Investment strategy tailored to multiple interest rate environments

Disciplined in asset selection - targeting RMBS with defined duration characteristics and **better prepayment protection traits**.

Deeply experienced management team

Senior management has 60+ combined years of investment, management and operational experience in financial services, MBS/RMBS, and residential real estate investment.

Investment Highlights



1

2

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Strategy

Attractive Yield Generator

In Focus

Acquire and service diversified portfolio of MSR and RMBS assets

Strategically positioned to benefit from multiple interest rate environments

Preserving Book Value

Solid Earnings

Double-digit Dividend Yield



Tickers: CHMI, CHMI-PRA, CHMI-PRB

Appropriately managing risk with diversified portfolio

Substantial and growing MSR portfolio generating attractive risk-adjusted returns

Expanding portfolio to include Non-Agency RMBS

By The Numbers



11.4%

Dividend Yield
based on November 11

\$17.01

Book Value Per Share as of September 30, 2019

\$10M

Share Repurchase Program Authorized in September 2019 \$27.9B

UPB of MSRs

750%

since 4Q16

Steady Growth Guided by Experienced Management



Prudently Investing To Optimize Risk-adjusted Returns

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2013	201	.4	201	5	2016		2017		2018	2019
	PO			First I	ra ng and Bulk of Full			GNN App to S	eived MA roval ervice MSRs	Raised \$50M+ of New Capital

Strong Management with Deep Expertise





JAY LOWN
President &
Chief Executive Officer

25+ years of experience in financial services and the residential mortgage market

Prior to joining Cherry Hill, held senior roles in mortgage trading, banking and risk management at UBS and Citigroup, and served as a senior advisor to the Office of Thrift Supervision during the financial crisis.



JULIAN EVANS
Chief Investment Officer

20+ years of experience in financial services.

Prior to joining Cherry Hill, served as Head of the MBS Sector Team and Senior Portfolio Manager for Deutsche Asset Management from April 2004 to September 2012.



MICHAEL HUTCHBY
Chief Financial Officer

15+ years of experience in financial services, former Controller of Cherry Hill.

Prior to joining Cherry Hill, held senior positions at Freedom Mortgage Corporation, as well as multiple positions in investment banking and financial consulting (Sterne, Agee & Leach, Madison Place Partners and Bank of America Merrill Lynch).

Well-Diversified Portfolio – Opportunistically Positioned





Assets **\$3.0B***

MSR

RMBS

Purchase full MSRs on bulk and flow basis from third parties

AGENCY AND NON-AGENCY

Target fixed rate Agency MBS with favorable prepayment and duration features

Invest in fixed and floating rate Non-Agency assets (e.g. Jumbo, Non-QM, CRT)

Percentage of Portfolio*

36% Equity / 9% Assets

Strategy

Capitalize on rising interest rate environment

Percentage of Portfolio*

62% Equity / 91% Assets

Agency Strategy

Agency selective assets, enable portfolio success in multiple rate environments

Non-Agency Strategy

Further diversification, manage interest rate risk with floating rate assets

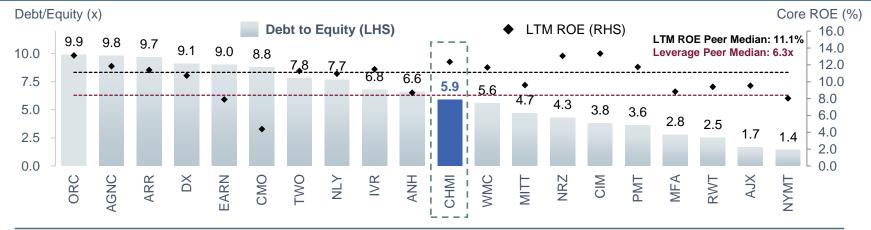
Compelling Risk-Return Profile



Strong Annualized Return on Equity



Total Debt/Equity as of September 30, 2019⁽¹⁾



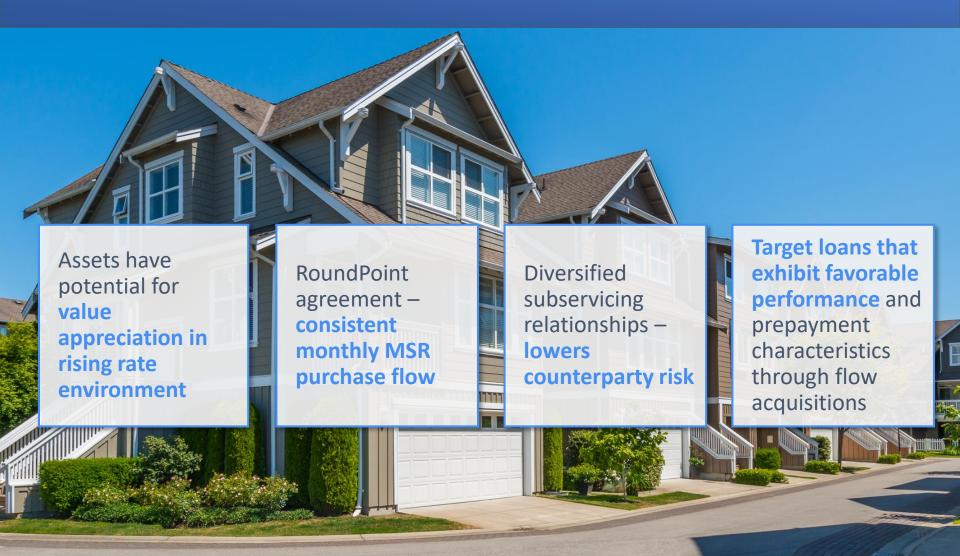
Source: SNL Financial, Company filings

^{1.} As of most recent quarter reported; Debt / Equity shown inclusive of impact of net TBA positions, where disclosed

MSR Opportunity



Servicing Related Assets Remain Attractive Investments in the Current Interest Rate Environment

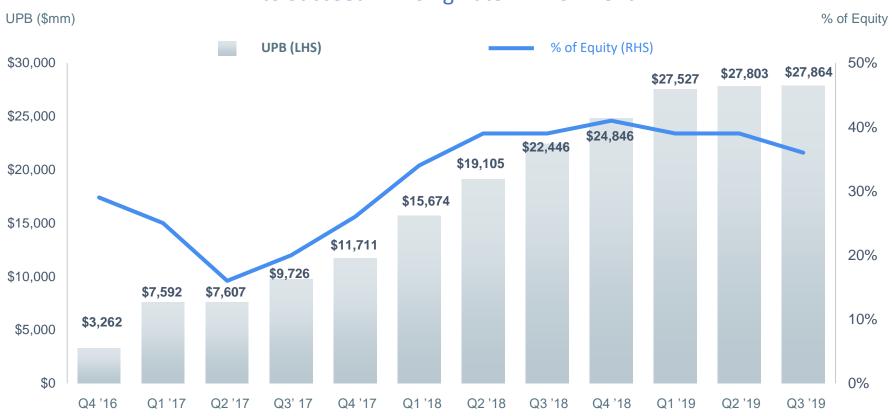


750% Growth of MSR Portfolio Since End 2016



Total MSR UPB and as % of Portfolio Equity Composition

Growth of MSR Portfolio Positions CHMI to Succeed in Rising Rate Environment



Agency RMBS Investments



Agency RMBS Selection

RMBS assets comprise 62% of equity as of September 30, 2019

Target pools of loans with better prepayment characteristics

Select pools that exhibit more defined duration attributes

More favorable risk-adjusted returns given current geopolitical uncertainty

RMBS

Recent Investments: Non-Agency Mortgage Assets



Diversification of RMBS Assets

- Expansion in private mortgage markets due to economic growth
- Additional asset class option to deploy capital; enhances diversification
- Layered in floating-rate assets to protect against interest rate risk associated with fixed-rate RMBS assets
- Investments in Non-Agency structured Jumbo Prime, Non-QM and CRT



What We've Accomplished





Nimble and proactively managed MSR portfolio

to protect book value in volatile rate environments



Grown MSR UPB

750% since end of 2016



Raised and deployed new capital

Approximately \$140M in 2017, \$54M in 2018, approximately \$50M in 2019*



Consistent double-digit dividend yield

since IPO in late 2013*

^{* -} as of September 30, 2019

Looking Ahead



- Positioned to succeed in multiple interest rate environments
- Expand MSR portfolio prudently
- Diversify portfolio further into non-agency assets
- Generate attractive long-term riskadjusted shareholder total return



Investment Highlights



Compelling performance profile

Disciplined preservation of book value in volatile economic environment

Growing MSR portfolio

Investment strategy tailored to multiple interest rate environments

Deeply experienced management team



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