

Investor Presentation

September 29, 2020

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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.

Company Overview



2

3

Strategy

Attractive Yield Generator

In Focus

Acquire and service diversified hybrid portfolio of MSR and RMBS assets

Strategically positioned to benefit from multiple interest rate environments

Preserving Book Value

Stable Core Earnings

Double-digit Dividend Yield



Tickers: CHMI, CHMI-PRA, CHMI-PRB

Appropriately managing risk with diversified portfolio

Balanced investment portfolio generating attractive hedge-adjusted returns

Shifted RMBS portfolio towards Agency RMBS due to lack of market liquidity surrounding credit assets

Investment Highlights



Investment strategy tailored to multiple interest rate environments

- Disciplined in asset selection invest in MSRs, which provide cash flow and opportunity for capital appreciation in rising rate environment;
- Target RMBS with defined duration characteristics and expected **better prepayment protection traits**.

Decisively fortified liquidity, de-risked portfolio

• Significantly **strengthened** balance sheet in response to COVID, while reducing leverage; \$94m of unrestricted cash as of June 30, 2020.

Disciplined preservation of book value in volatile economic environment

- Strategy designed to excel in a rising rate environment and protect capital when rates decline;
- Among best hybrid mREITs in preserving book value in 2020 despite COVID*.

Compelling yield

Consistent, attractive double-digit dividend yield.

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.

^{*}Hybrid mREIT peer group consists of AJX, ARR, CIM, DX, EFC, IVR, MFA, MITT, NRZ, NYMT, PMT, RC, RWT, TWO, WMC

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).

By The Numbers



11.6%

Dividend Yield

based on September 23, 2020 closing price

\$13.41

Book Value Per Share as of June 30, 2020

\$10M

Share Repurchase Program Authorized in September 2019

Approximately **378,500** shares repurchased as of June 30, 2020

\$24.1B

UPB of MSRs

600%

since 4Q16

Deftly Navigating Through Challenging Environment



	 Boosted cash equivalents to \$94 million* from \$25 million at end of
Fortify liquidity position	2019; met all margin calls

Did not require dilutive, expensive rescue financing

De-risk and lower leverage profile

- Reduced leverage to 4.4x* from 6.1x at year-end 2019
- Sold all Ginnie Mae MSRs*
- Exited CRT position in orderly manner

Meet all advancing obligations

- Met all advancing obligations
- Believe liquidity position sufficient to satisfy all foreseeable future advancing obligations

Protect book value, cover dividend

- Book value^{**} reduction of 23% in 1H20 during unprecedented environment among best performances by hybrid mREITs
- Core earnings continued to cover common dividend

Selective investments

- Maintaining disciplined investment approach
- Continue to acquire select MSRs through flow program that will deliver attractive risk-adjusted returns

Business continuity

 Prior investment in cloud-based solution for day-to-day operations allowed team members to seamlessly transition to working remotely

Steady Growth Guided by Experienced Management



Prudently Investing To Optimize Risk-adjusted Returns

		Organi Develo Licenso Mortga Service	oped ed age	Recei FNMA and F Licen	A FHLMC	MSF	d Excess Rs at hificant	\$13 Ne	ised 30M+ of w pital	Po No Ag	panded ortfolio to on- ency MBS	E S In	Fortified Balance Bheet, Increasing Flexibility in COVID Environment	
2013	20	2014 201		.5 2016		2017		2018		2019			2020	
	IPO			and F	ra Lending First Bulk of Full	ı		GN Ap _l Sei	ceived IMA proval to rvice II MSRs		Raised \$50M+ of New Capital			

Well-Diversified Hybrid Portfolio – Opportunistically Positioned





Investable Assets \$1.9B*

MSR

Purchase full MSRs on bulk and flow basis from third parties

AGENCY AND NON-AGENCY RMBS

Invest in collateral that we believe will perform over an extended time frame

Purchase fixed and floating rate tranches of Non-Agency assets (e.g. Jumbo, Non-QM)

Percentage	0
Portfolio*	

37% Equity / 10% Assets

Strategy

Capitalize on rising interest rate environment and price dislocations

Percentage of Portfolio*

39% Equity / 90% Assets

Agency Strategy

Target fixed-rate Agency MBS with favorable prepayment and duration features

Non-Agency Strategy

Currently, not an area of focus post-crisis

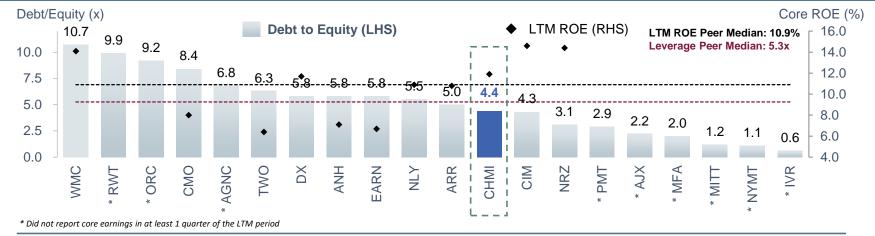
Compelling Risk-Return Profile



Strong Annualized Return on Equity



Total Debt/Equity as of June 30, 2020(1)



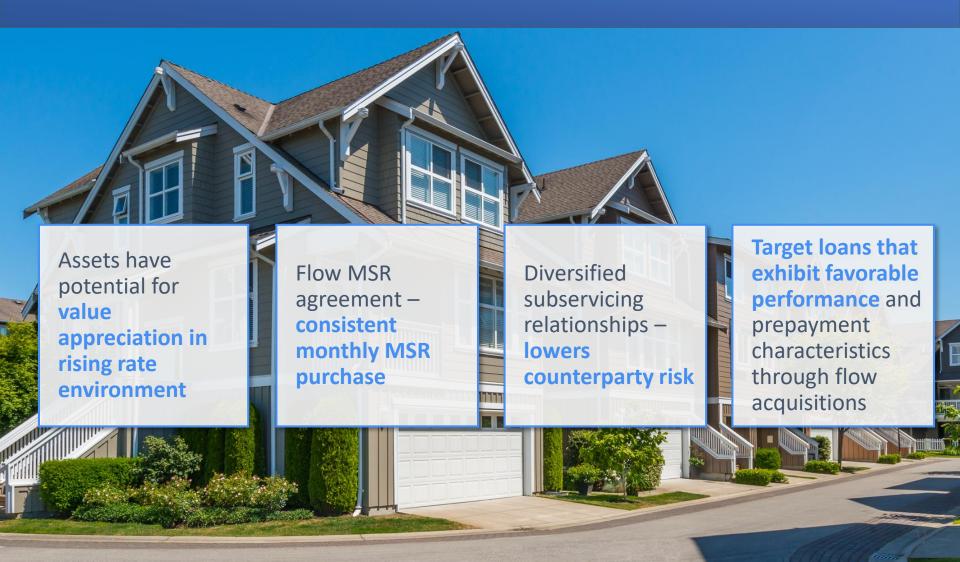
Source: SNL Financial, Company filings

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

MSR Opportunity



Select Servicing Related Assets Remain Attractive Despite Current Environment

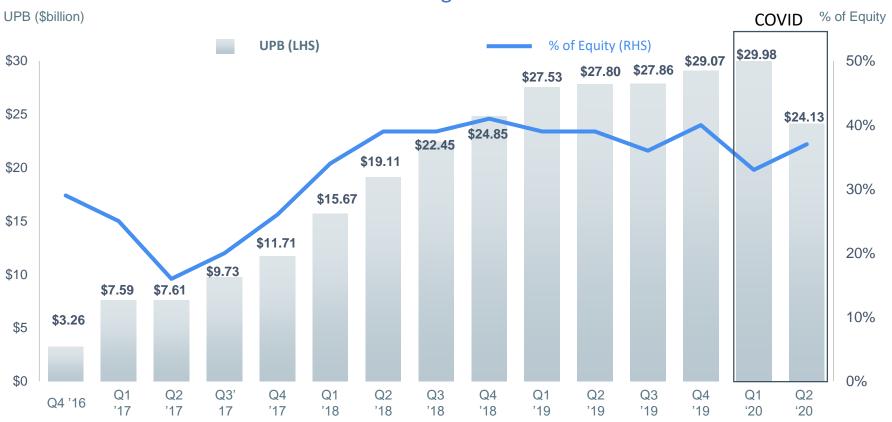


Significant Growth of MSR Portfolio



Total MSR UPB and as % of Portfolio Equity Composition

MSR Portfolio Positions CHMI to Succeed in Rising Rate Environment



Leveraging Agency RMBS Investments to Provide Favorable Returns



RMBS

Agency RMBS Selection

RMBS assets comprise 39% of equity as of June 30, 2020

Target pools of loans with expected better prepayment characteristics

Select pools that exhibit more defined duration attributes

More favorable risk-adjusted returns given ongoing geopolitical uncertainty

Notable Accomplishments





Nimble and proactively managed MSR portfolio

to protect book value in volatile and unprecedented rate environments



Grown MSR UPB

600% since end of 2016*



Raised and deployed new capital

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



Consistent double-digit dividend yield

since IPO in late 2013*

Positioned to Outperform Long-Term



- Positioned to succeed in multiple interest rate environments
- Expand MSR portfolio selectively and prudently
- Continue proactively managing and hedging portfolio to navigate through COVID-19 environment
- Generate attractive long-term riskadjusted shareholder total return



Investment Highlights



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Decisively fortified liquidity, de-risked portfolio in response to COVID

Compelling yield

Deeply experienced management team



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