

Investor Presentation May 2025

Forward Looking Statements

This presentation has been prepared by Bowhead Specialty Holdings Inc. ("we," "us," "our," "Bowhead" or the "Company") on a confidential basis for the exclusive use of the party to whom Bowhead delivers this presentation.

This presentation has been prepared by Bowhead for informational purposes only and not for any other purpose. Nothing contained in this presentation is, or should be construed as, a recommendation, promise or representation by the presenter or Bowhead or any officer, director, employee, agent or advisor of Bowhead. This presentation does not purport to be all inclusive or to contain all of the information provided in this presentation speaks only as of the date hereof. Bowhead assumes no obligation to update any information or statement after the date of this presentation as a result of new information, subsequent events, or any other circumstances. We request that you keep any information at this meeting confidential and that you do not disclose any of the information to any other parties without the Company's prior express written permission.

This presentation contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. All statements of historical facts contained in this presentation, including statements regarding our future results of operations or financial condition, business strategy and plans, and objectives of management for future operations are forward-looking statements. Some of the forward-looking statements can be identified by the use of terms such as "believes", "expects", "may", "will", "should", "could", "seeks", "intends", "plans", "estimates", "anticipates" or other comparable terms. However, not all forward-looking statements contain these identifying words. These forward-looking statements include all matters that are not related to present facts or current conditions or that are not historical facts. They appear in a number of places throughout this presentation and include statements regarding our intentions, beliefs or current expectations concerning, among other things, our consolidated results of operations, financial condition, liquidity, prospects and growth strategies and the industries in which we operate, and including, without limitation, statements relating to our future performance. Forward-looking statements are subject to known and unknown risks and uncertainties, many of which are beyond our control. Our actual results may differ materially from those expressed in, or implied by, the forward-looking statements included in this presentation. The forward-looking statements made in this presentation related to the presentation or to reflect new information or the occurrence of unanticipated events, except as required by law. We may not actually achieve the plans, intentions, or expectations disclosed in our forward-looking statements, and you should not place undue reliance on our forward-looking statements.

Unless otherwise indicated, information contained in this presentation concerning our industry and the markets in which we operate, including our general expectations, market position and market opportunity, is based on our management's estimates and research, as well as industry and general publications and research, surveys and studies conducted by third parties. Industry publications, studies and surveys generally state that they have been obtained from sources believed to be reliable, although they do not guarantee the accuracy or completeness of such information. We believe that the information from these third-party publications, research, surveys and studies included in this presentation is reliable. Management's estimates are derived to be reliable, although they do not guarantee the accuracy or completeness of such information. We believe that the information from these third-party publications, research, surveys and studies included in this presentation is reliable. Management's estimates are derived from publicly available information, their knowledge of our industry and their assumptions based on such information and knowledge, which we believe to be reasonable. This data involves a number of assumptions and limitations which are necessarily subject to a high degree of uncertainty and risk due to a variety of factors. These and other factors could cause our future performance to differ materially from our assumptions and estimates.

This presentation contains references to our trademarks and service marks and to those belonging to other entities. Solely for convenience, trademarks and trade names referred to in this presentation may appear without the ® or TM symbols, but such references are not intended to indicate, in any way, that we will not assert, to the fullest extent under applicable law, our rights or the applicable licensor to these trademarks and trade names. We do not intend our use or display of other companies' trade names, trademarks or service marks to imply a relationship with, or endorsement or sponsorship of us by, any other companies.

"Non-admitted" or excess and surplus ("E&S") lines refers to policies generally not subject to regulations governing premium rates or policy language. We also consider insurance written on an admitted basis through either the New York Free Trade Zone or similar commercial deregulation exemptions available in certain jurisdictions, which are free of rate and form restrictions, to be E&S business.

This presentation contains certain financial measures that are not presented in accordance with generally accepted accounting principles in the United States ("U.S. GAAP"). Under U.S. securities laws, these measures are called "non-GAAP financial measures." We use these non-GAAP financial measures when planning, monitoring and evaluating our performance. We believe these non-GAAP financial measures give our management and other users of our financial information useful insight into our underlying business performance. You should not rely on these non-GAAP financial measures as a substitute for any U.S. GAAP financial measure. While we believe that these non-GAAP financial measures are useful in evaluating our business, this information should be considered supplemental in nature and is not meant to be an alternative to our reported results prepared in accordance with U.S. GAAP. In addition, other companies, including companies in our industry, may calculate such measures differently, which reduces their usefulness as comparative measures. For a reconciliation of such non-GAAP financial measures to the most directly comparable U.S. GAAP financial measures, see the Appendix of this presentation.

Our key investment highlights

- 1 Focused on profitable, growing lines in attractive E&S market
 - 2 Strong underwriting culture with fully-integrated and accountable value chain
 - 3 Ability to deliver differentiated profitability across market cycles



- 4 Deep, long-standing distribution relationships based on expertise, service and mutual benefit
- 5 Highly experienced and entrepreneurial management team
- 6 Clean balance sheet with no reserves from accident years prior to 2020
- 7 Commitment to long-term value generates strong returns, making us well-positioned for continued growth



Bowhead: Who we are



Growing and profitable E&S focused specialty P&C business founded and led by industry veteran, Stephen Sills, and supported through a strategic partnership with American Family Mutual Insurance Company, S.I. ("AmFam")

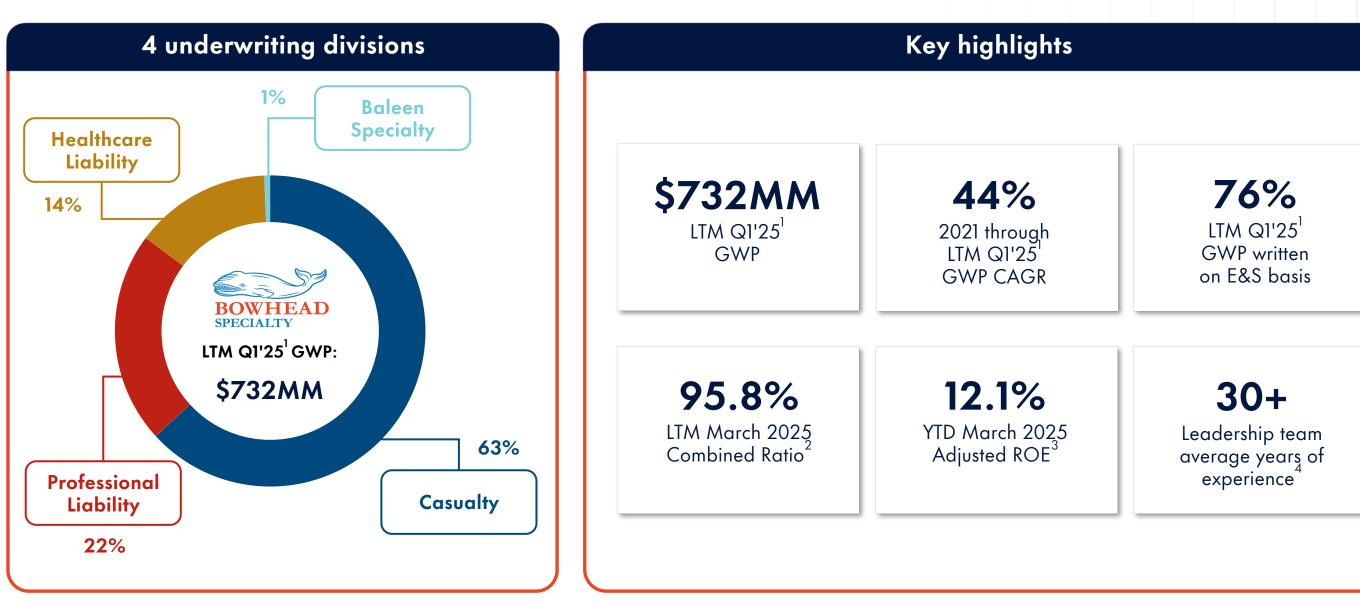
<u>Underwriting-first</u>
culture led by people with
proven track records

"Craft"
solutions in attractive
markets with strong
tailwinds

Sustainable
underwriting across
market cycles



Bowhead: By the numbers

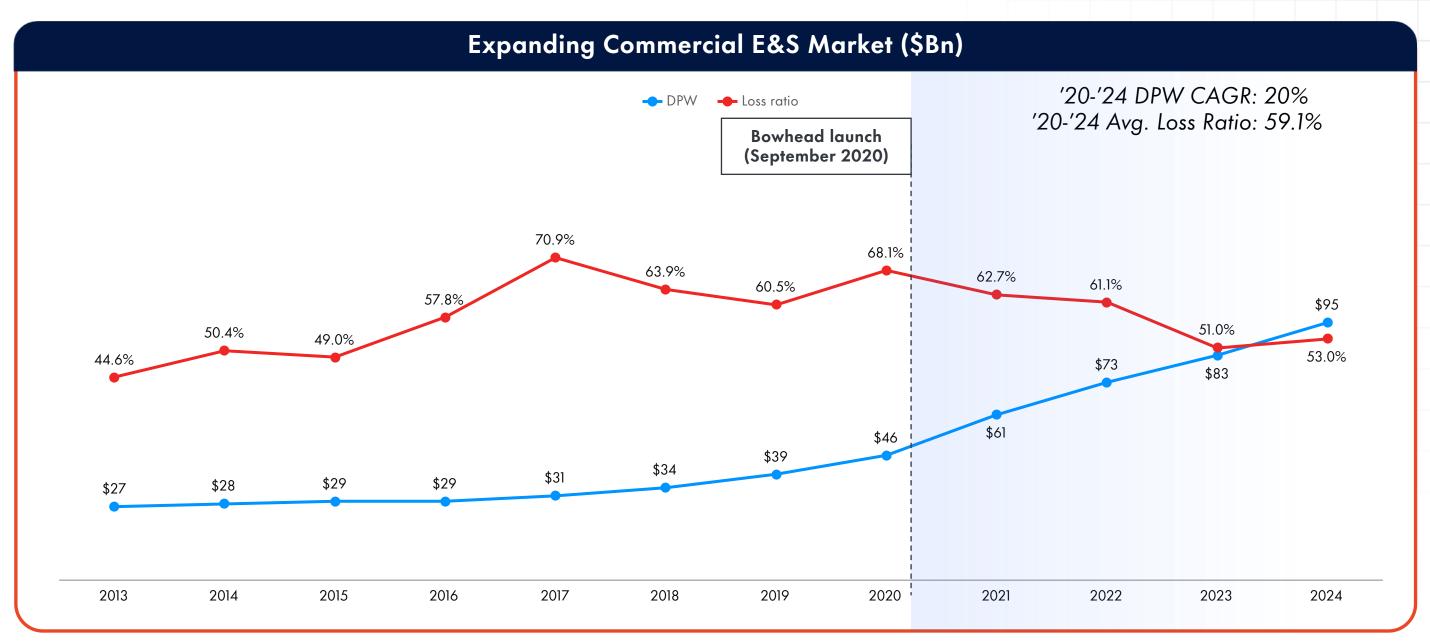


Note: Last twelve months ("LTM") ended March 31, 2025; Combined ratio for the last twelve months ended March 31, 2025 was comprised of a 64.9% loss ratio and a 30.9% expense ratio. The loss ratio is based on loss picks informed by industry data rather than only using internal data from our limited operating history. Movement in the loss ratio from last year reflects mix changes in our portfolio, where Casualty, which has higher current accident year industry loss ratios, comprised a larger proportion of the Company's gross written premiums—63.2% in the LTM ended March 31, 2025 compared to 57.1% in the LTM ended March 31, 2024. There was 0.4% prior accident year reserve development in our LTM loss ratio. The expense ratio reflects continued scaling of our business and prudent management of operating expenses; 2025 adjusted ROE is calculated as adjusted net income divided by the average of mezzanine and stockholders' equity as of December 31, 2024 and March 31, 2025. Adjusted ROE was impacted by the \$190.1 million increase in mezzanine equity and stockholders' equity, mainly due to the \$131.0 million of net proceeds received from the IPO partially offset by the 62.9% increase in net income in the three months ended March 31, 2024. Adjusted ROE and adjusted net income are Non-GAAP financial measures to the most directly comparable U.S. GAAP measure; Leadership team includes Stephen Silks, David Newman, Derek Broaddus, Daniel Gamble, Joe Calcagno and Brandon Mezick.

Highly experienced and entrepreneurial management team

	Name and position	Years of industry experience	Leadership role prior to joining Bowhead	Prior professional experience
9	Stephen Sills Founder and CEO	48	Chairman and CEO of CapSpecialty	CapSpecialty darwin Executive Risk
	David Newman Chief Underwriting Officer	45	Chief Underwriting Officer of Allied World's Global Markets division	ASSURANCE COMPANY darwin professional underwriters inc.
	Brad Mulcahey Chief Financial Officer	21	Chief Financial Officer of Berkley Select, a division of W.R. Berkley Corp	 Berkley Select
	Maria Morrill, P.H.D., FCAS Chief Actuary	24	Senior Vice President at Allied World	Gallagher Re Sirius Group Gallagher Re Munich RE
	Chris Butler, JD Head of Claims	20	Managing Director, Professional Liability Claims at Markel	Alterra THE HARTFORD AIG
	Derek Broaddus Head of Casualty	29	Senior Vice President at Allied World	ASSURANCE COMPANY GenStar
	Dan Gamble Head of Professional Liability	30	Managing Director, Management & Professional at Markel	Arch Alterra
	Joe Calcagno Head of Healthcare Liability	23	Vice President, Healthcare at Sompo International – Sompo America	SOMPO ZURICH torus
*	Brandon Mezick Head of Baleen Specialty	17	Chief Operating Officer of IronHealth at Ironshore	IRONSHORE ZURICH ALIBERTY MUTUAL Company ZURICH ACCENTURE

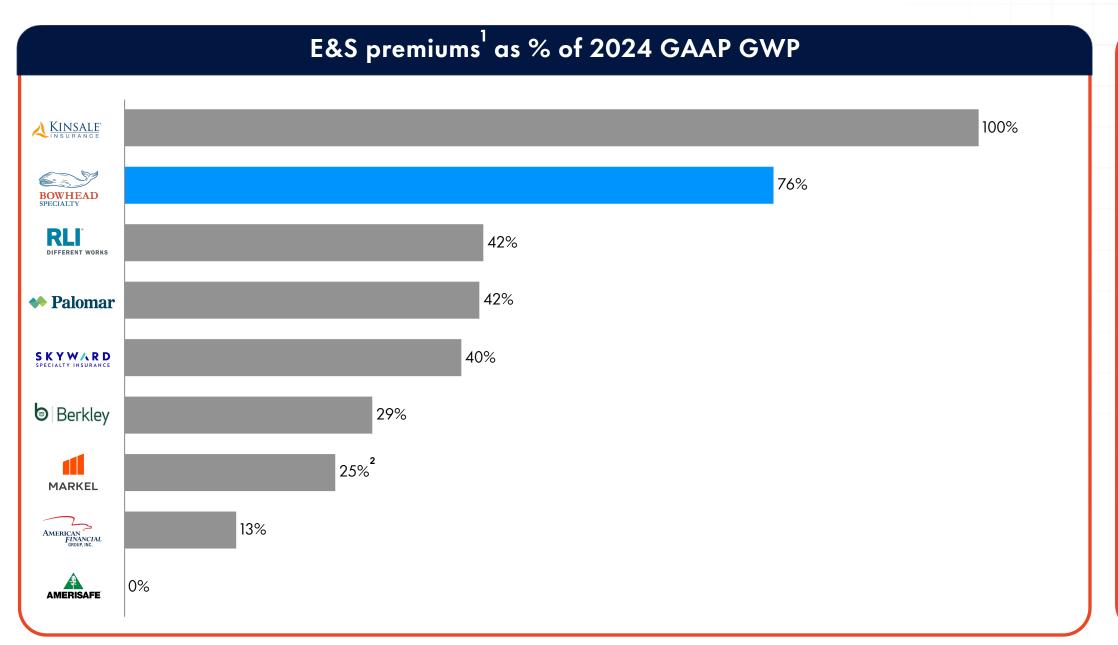
Focused on profitable, growing lines in attractive E&S market



Source: S&P Global; Note: E&S premiums sourced per S&P Global based on license types in Schedule T of statutory filings



Focused on profitable, growing lines in attractive E&S market (cont'd)

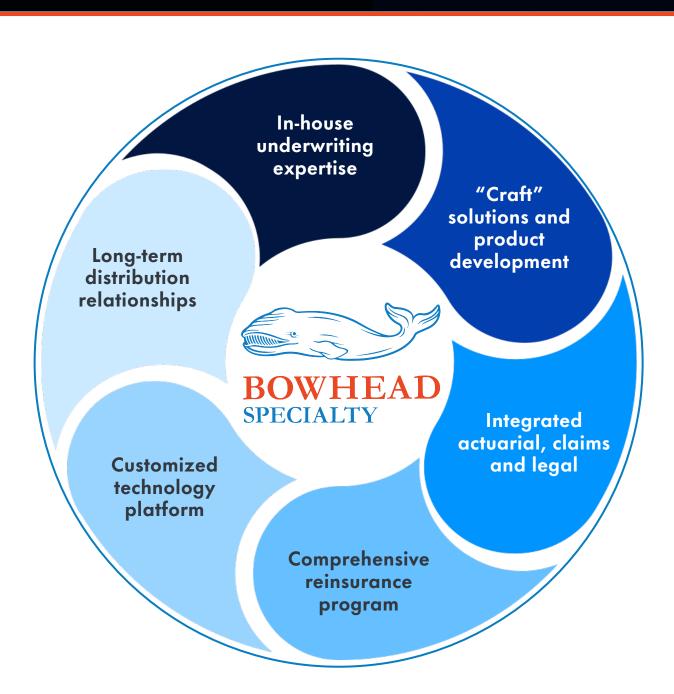


We are focused on profitable and growing lines within the ~\$95
 billion U.S. commercial
 E&S market³

Source: S&P Global; Note: Represents 2024 statutory direct written premiums; Markel U.S. GAAP GWP includes program services and fronting; For the year ended December 31, 2024



Strong underwriting culture with fully-integrated and accountable value chain

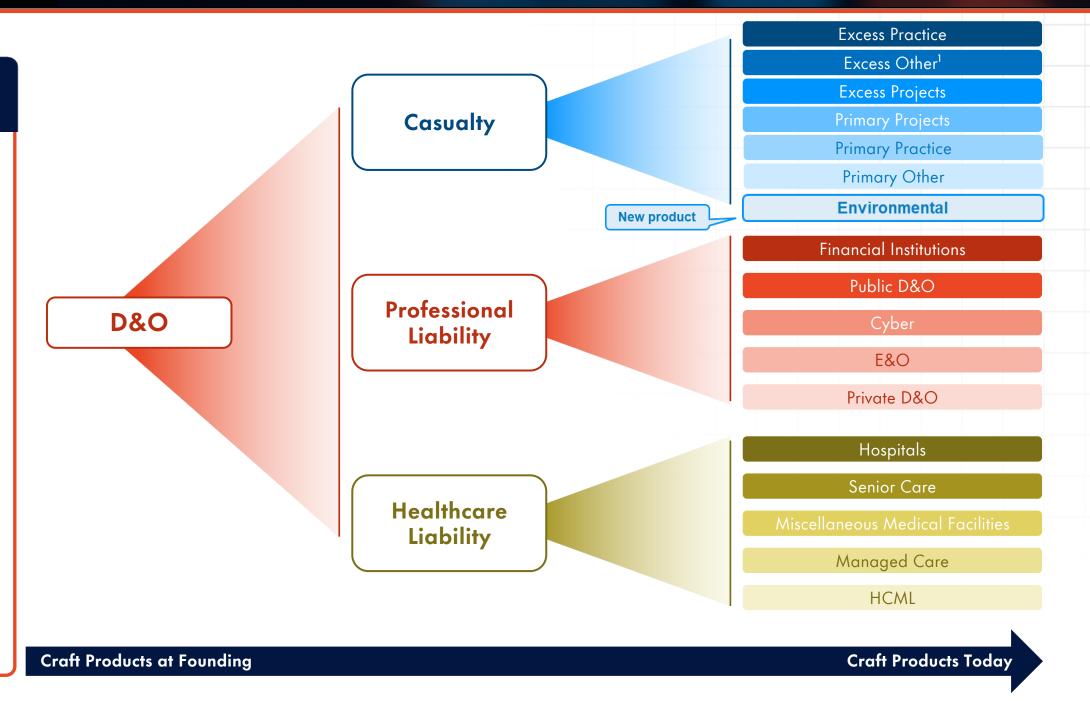


- We do not delegate underwriting to outside parties, which is a key component of our fully-integrated model
- Our unique platform allows us to deliver our custom solutions to clients while consistently generating underwriting profit within our business

Ability to deliver differentiated profitability across market cycles

Our key value proposition: Underwriting matters

- ✓ Highly experienced team with previous leadership positions at leading insurance companies
- ✓ Specific subject matter experts with proven track records of generating underwriting profits within the lines they write
- Created primary capabilities across all our products as part of cycle management strategy
- ✓ Strong and disciplined underwriting culture built around rigorous analytical tools ("BRATs") and cross-functional collaboration ("Roundtables")



Note: 1 Excess Other includes Public Entity

Clean balance sheet with no reserves from accident years prior to 2020



reserves

- Diversified and attractive commercial specialty P&C portfolio with no property or natural-catastrophe exposure
- Reflects continuously favorable rate environment with no business or reserves from pre-2020 accident years



Prudent financial profile

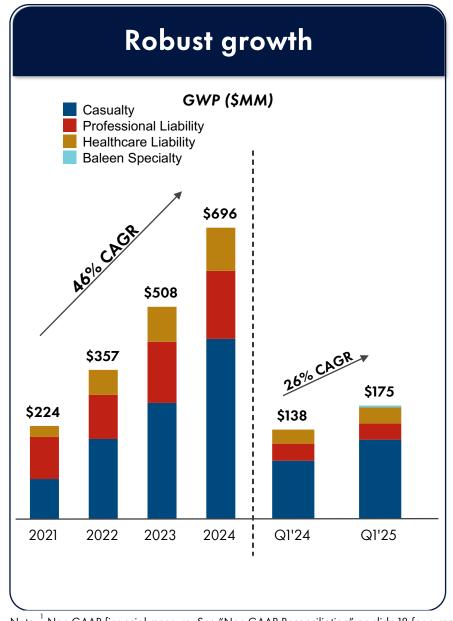
- No debt outstanding and no intangibles
- 400%+ RBC ratio as of December 31, 2024
- All reinsurers have A.M. Best rating of "A" or better as of March 31, 2025

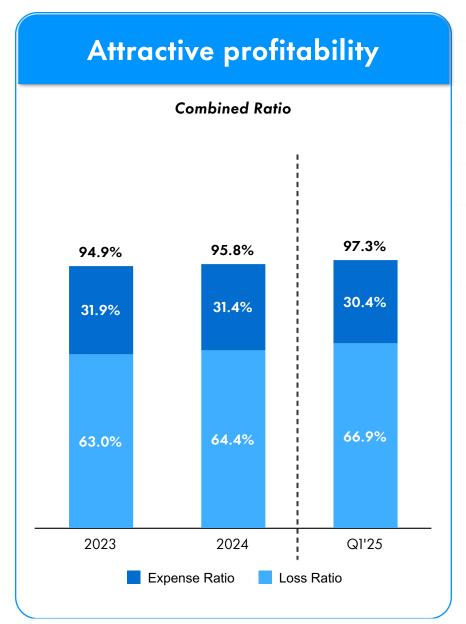


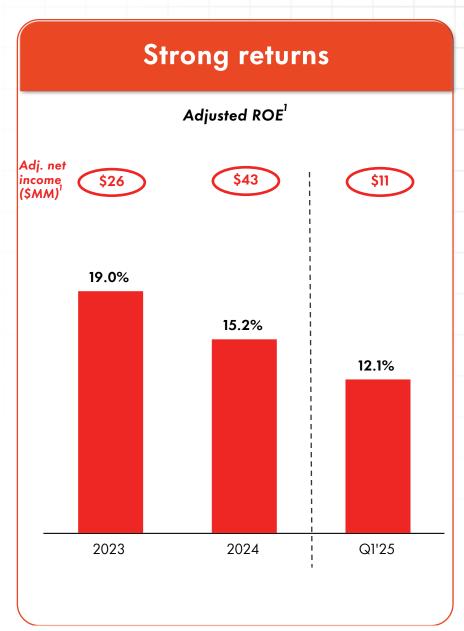
Conservative investment portfolio

- 100% cash, short-term investments and investment grade portfolio with no equity or alternative investment risk
- Fixed income book and market yields of 4.7% and 4.8% respectively as of March 31, 2025
- Weighted average effective duration of 2.8 years and an average credit rating of "AA" as of March 31, 2025

Robust growth and commitment to long-term value creation







Note: Non-GAAP financial measure. See "Non-GAAP Reconciliation" on slide 18 for a reconciliation of the non-GAAP financial measure in accordance with the most comparable U.S. GAAP measure.



Well-positioned for continued growth

Bowhead's long-term growth strategy balances existing "craft" underwriting strategy with "flow" business launched in 2024

Bowhead ("Craft")

Individual, custom underwriting of large, complicated risks

- 99.4% of LTM March 2025 book
- Go-to-market brand: Bowhead Specialty
- Lines: Casualty, Professional Liability and Healthcare Liability
- Distribution: Wholesale and retail
- Paper: Admitted and non-admitted
- Underwriting-first culture
- Expertise-driven, customized approach for each risk
- Individualized underwriting with collaborative roundtables



Baleen ("Flow")

Streamlined, tech-enabled, underwriting of small, hard-to-place E&S risks

- New capability launched late in Q2 2024
- Go-to-market brand: Baleen
- Products: General Liability for Contractors and Owners, Lessors and Tenants, including Habitational
- Distribution: Major wholesale partners
- Paper: Non-admitted
- Maintain 100% control of underwriting; no delegated authority
- Set clear appetite and rules criteria during product development
- Straight-through processing delivers instant quotes

Growth levers for both "craft" and "flow" business

Grow market share through superior industry relationships

Benefit from rate increases in some lines

Expand account size and/or geographic appetite as market allows

Add new distribution relationships

Develop new products within existing lines

Enter new lines/ markets by hiring subject matter experts



Financials



Summary historical financials

Condensed Income Statement

percentages and per share data)	For the year	s ended	Three months ended			
Revenues:		December 31, 2024	December 31, 2023	March 31, 2025	March 31, 2024	
Gross written premiums	\$	695,717	507,688	174,848	138,433	
Net written premiums		451,422	334,672	116,769	90,853	
Net earned premiums		385,111	263,902	109,816	82,981	
Net investment income		40,121	19,371	12,559	7,660	
Total revenue	\$	425,660	283,398	122 <i>,7</i> 16	90,672	
Net losses and loss adjustment expenses	\$	248,099	166,282	73,427	54,320	
Net acquisition costs		32,397	20,935	9,796	6,521	
Operating expenses		89,112	63,456	23,937	20,522	
Non-operating expenses		2,807	630	110	219	
Warrant expense		1,917	_	775		
Credit facility interest expenses and fees		725	_	247	_	
Foreign exchange (gains) losses		68	(20)	(46)	34	
Total expenses	\$	375,125	251,283	108,246	81,616	
Net income	\$	38,243	25,047	11,425	<i>7</i> ,012	
Key Operating and Financial Metr	ics					
Underwriting Income ¹	\$	18,236	14,035	2,656	2,856	
Adjusted net income ¹	\$	42,686	26,152	11,479	8,189	
Loss ratio		64.4 %	63.0 %	66.9 %	65.5 %	
Expense ratio		31.4 %	31.9 %	30.4 %	32.6 %	
Combined ratio		95.8 %	94.9 %	97.3 %	98.1 %	
Return on equity ²		13.6 %	18.2 %	12.0 %	14.3 %	
Adjusted return on equity ^{1,2}		15.2 %	19.0 %	12.1 %	16.7 %	
Diluted earnings per share	\$	1.29	1.04	0.34	0.29	
Diluted adjusted earnings per share	\$	1.44	1.09	0.34	0.34	

Condensed Balance Sheet

	As of	As of	As of
(\$ in thousands)	March 31, 2025	December 31, 2024	December 31, 2023
Fixed maturity securities	\$ 1,034,837	879,989	554,624
Short-term investments	9,999	9,997	8,824
Total investments	\$ 1,044,836	889,986	563,448
Cash and cash equivalents	88,050	97,476	118,070
Restricted cash and cash equivalents	35,401	124,582	1,698
Accrued investment income	7,675	7,520	4,660
Premium balances receivable	73,230	63,672	38,817
Reinsurance recoverable	284,873	255,072	139,389
Prepaid reinsurance premiums	151,609	152,567	116,732
Deferred policy acquisition costs	28,153	27,625	19,407
Property and equipment, net	7,677	6,845	7,601
Income taxes receivable	610	586	1,107
Deferred tax assets, net	19,356	20,340	14,229
Other assets	11,602	7,971	2,701
Total assets	\$ 1,753,072	1,654,242	1,027,859
Reserves for losses and loss expenses	\$ 845,224	756,859	431,186
Unearned premiums	452,845	446,850	344,704
Reinsurance balances payable	42,847	51,856	40,440
Income taxes payable	5,603	1,571	42
Accrued expenses	5,783	18,010	14,900
Other liabilities	9,407	8,654	4,510
Total liabilities	\$ 1,361,709	1,283,800	835,782
Total mezzanine and stockholders' equity	\$ 391,363	370,442	192,077
Total liabilities and stockholders' equity	\$ 1,753,072	1,654,242	1,027,859

Notes: Non-GAAP financial measure. See "Non-GAAP Reconciliation" on slide 18 for a reconciliation of the non-GAAP financial measure in accordance with the most comparable U.S. GAAP measure; For the three months ended March 31, 2025 and 2024, net income and adjusted net income are annualized to arrive at return on equity and adjusted return on equity.



Appendix



Our partnership with AmFam



- Originates, issues, and underwrites all Bowhead policies
- Provides all claims, actuarial, accounting, reinsurance procurement/processing and other insurance support services



- Provides "A" rated paper for business originated by Bowhead
- Receives ceding fee



- Assumes 100% of risk of Bowhead policies from AmFam
- Purchases reinsurance from high quality reinsurers (including AmFam)



Long-term strategic partnership established at inception

 \checkmark

Policies backed by "A" rated paper and ~\$10Bn policyholder surplus

AmFam participates in underwriting results and generates fee-based earnings

Note: AmFam's policyholder surplus is as of December 31, 2024.



Non-GAAP reconciliation

	For the ye	ars ended	Three months ended		
(\$ in thousands)	December 31, 2024	December 31, 2023	March 31, 2025	March 31, 2024	
Income before income taxes	\$ 50,535	32,115	14,470	9,056	
Adjustments:					
Net investment income	(40,121)	(19,371)	(12,559)	(7,660)	
Net realized investment losses	16	_	4	_	
Other insurance-related income	(444)	(125)	(345)	(31)	
Non-operating expenses	2,807	630	110	219	
Warrant expense	1,917	_	775	_	
Credit facility interest expenses and fees	725	_	247	_	
Foreign exchange losses (gains)	68	(20)	(46)	34	
Strategic initiatives ¹	2,733	806	_	1,238	
Underwriting income	\$ 18,236	14,035	2,656	2,856	

	Fo	or the ye	ars ende	ed	Th	ree mor	ths ende	d
(\$ in thousands)	December 31, 2024		December 31, 2023		March 31, 2025		March 31, 2024	
	Pre-Tax	After- Tax	Pre-Tax	After- Tax	Pre-Tax	After- Tax	Pre-Tax	After- Tax
Income as reported	\$ 50,535	38,243	32,115	25,047	14,470	11,425	9,056	7,012
Adjustments:								
Net realized investment losses	16	16			4	4	_	_
Non-operating expenses	2,807	2,807	630	630	110	110	219	219
Foreign exchange losses (gains)	68	68	(20)	(20)	(46)	(46)	34	34
Strategic initiatives	2,733	2,733	806	806	_	_	1,238	1,238
Tax impact	_	(1,181)	<u> </u>	(311)	_	(14)	_	(313)
Adjusted net income	\$ 56,159	42,686	33,531	26,152	14,538	11,479	10,547	8,189

		For the ye	ars ended	Three mor	nths ended
(\$ in thousands, except percentages)		December 31, 2024	December 31, 2023	March 31, 2025	March 31, 2024
Adjusted net income ²	\$	42,686	26,152	45,916	32,757
Average mezzanine and stockholder's equity		281,259	137,726	380,903	196,657
Adjusted return on equity		15.2 %	19.0 %	6 12.1 %	16.7 %

		For the ye	ars ended	Three months ended			
(\$ in thousands, except per share data)		December 31, 2024	December 31, 2023	March 31, 2025	March 31, 2024		
Adjusted net income	\$	42,686	26,152	11,479	8,189		
Diluted weighted average shares outstanding		29,677,196	24,000,000	33,711,924	24,000,000		
Diluted adjusted earnings per share		1.44	1.09	0.34	0.34		

Note: Strategic initiatives represents costs incurred to set up our Baleen Specialty division, which is recorded in operating expenses within the Condensed Income Statement. The costs incurred primarily represent expenses to implement the new platform and processes supporting the Baleen Specialty division; For the three months ended March 31, 2025 and 2024, adjusted net income is annualized to arrive at adjusted return on equity.

