



**ibc**<sup>®</sup>  
Advanced Alloys

**Mission Critical Alloys**

## CAUTIONS REGARDING FORWARD-LOOKING STATEMENTS

This Presentation contains “forward-looking statements” and “forward-looking information” within the meaning of applicable Canadian securities laws, which are referred to collectively as “forward-looking information”. Forward-looking information includes statements and information regarding possible events, conditions or results of operations that are based upon assumptions about future economic conditions and courses of action. All statements and information other than statements of historical fact may be forward-looking information. In some cases, forward-looking information can be identified by the use of words such as “seek”, “expect”, “anticipate”, “budget”, “plan”, “estimate”, “continue”, “forecast”, “intend”, “believe”, “predict”, “potential”, “target”, “may”, “could”, “would”, “might”, “will” and similar words or phrases (including negative variations) suggesting future outcomes or statements regarding an outlook.

Forward-looking information in, or incorporated by reference into, this Presentation includes, but is not limited to statements and information regarding: statements with respect to the Company’s estimated working capital; the Company’s liquidity and capital resources; profit and loss forecasts, expectations regarding industry trends, overall market growth rates and our growth rates and growth strategies; general economic conditions; development of products, future oriented costs, expenditures and other financial or operating performances. Such forward-looking information is based on a number of material factors and assumptions, including, but not limited to: management’s current expectations, estimates and assumptions about certain projects and the markets in which the Company operates, the global economic environment, interest rates, exchange rates, and the Company’s business strategy, plans, outlook, long-term growth in cash flow, earnings per share and shareholder value, projections, targets and expectations employees and operating costs.

Forward-looking information involves known and unknown risks, uncertainties and other factors which may cause actual results, performance or achievements, or industry results, to differ materially from those anticipated in such forward-looking information. The Company believes the expectations reflected in such forward-looking information are reasonable, but no assurance can be given that these expectations will prove to be correct and you are cautioned not to place undue reliance on forward-looking information contained herein. Some of the risks and other factors which could cause actual results to differ materially from those expressed in the forward-looking information contained in this Presentation and documents incorporated by reference herein include, but are not limited to: risks associated with the Company’s manufacturing operations; failure to meet product specifications; risks relating to the Company’s dependence on single-source suppliers for beryllium and other materials; changes in market conditions; risks related to commodity price fluctuations; failure to obtain required financing; risks related to competition from other manufacturing and distribution companies of special alloys, metals and materials; adverse changes to general economic conditions or applicable laws, rules and regulations; environmental regulation and liability; and other factors contained in the section entitled “Risk Factors” in the preliminary prospectus, final prospectus and any amendments, and in the section entitled “Risk Factors” in the Company’s annual information form for the quarter ended March 31, 2024. Although the Company has attempted to identify important factors that could cause actual results or events to differ materially from those described in the forward-looking information, you are cautioned that this list is not exhaustive and there may be other factors that the Company has not identified. Furthermore, the Company undertakes no obligation to update or revise any forward-looking information included in this Presentation or the documents incorporated by reference herein if these beliefs, estimates and opinions or other circumstances should change, except as otherwise required by applicable law.



## EXECUTIVE SUMMARY

Our copper alloys facility is located in Franklin, Indiana, where we maintain a casting, forging (hammer, press and ring rolling), heat-treating and machining operation. The Franklin plant operates from an 83,000 square foot (7,711 meters<sup>2</sup>) manufacturing plant on 12 acres (4.8 hectares) of land. There is still room for significant expansion of plant operations on the current site.

We offer our customers a full range of manufacturing and support services including metallurgical engineering, casting, forging, heat treatment and machining. We have strong technical and manufacturing engineering resources in the highly specialized copper alloy industry.

The alloys that we sell include oxygen-free, high conductivity copper (C10100, C10700) beryllium-copper (C17200, C17510 & CCNB) aluminum-bronze alloys (C61400, C62400, C62500, C63000 and C63200) chrome coppers (C18150, C18200) naval bronze (C46400) Cupro nickels (C70600, C71500) and other specialty copper alloys such as (C18000) and our proprietary Beryllium-free Thermal-Mould Super.

Along with the alloys we cast, we additionally source copper alloys in cast billet, slab, and ingot from mills in North America, Europe, and Asia, and we convert these into usable industrial products serving the industrial welding, oil and gas, plastic mold, metal melting, marine defense, electronic and industrial equipment markets. We also provide tooling components for the North American automotive industry, the European and North American consumer plastic tooling producers, the global oil and gas service industry, the prime North American submarine and aircraft carrier producers and repair facilities including the US Navy, electronics industries, and general equipment manufacturers. We are an approved forge vendor for General Dynamics Electric Boat and Newport News Shipbuilding.



## IBC: BY THE NUMBERS

<b>Who We Are</b>	Indiana-based manufacturer specializing in copper-alloy products for defense and global commercial markets.	
<b>Unique Positioning</b>	<ul style="list-style-type: none"> <li>• Only company in the US that both casts and forges copper and copper alloy products as its primary business.</li> <li>• Newly expanded and vertically integrated Indiana facility allows ingot casting up to 5,000 pounds, forging, heat treating, and machining of multiple copper-based alloys.</li> </ul>	
<b>Inception</b>	2007	
<b>Markets We Serve</b>	<ul style="list-style-type: none"> <li>• Defense</li> <li>• Aerospace</li> <li>• Semiconductor Device Manufacture</li> <li>• Automotive</li> <li>• Oil &amp; Gas</li> </ul>	<ul style="list-style-type: none"> <li>• Electronics</li> <li>• Resistance Welding</li> <li>• Metal Casting</li> <li>• Manufacturing</li> <li>• Specialized Materials</li> <li>• Plastic Injection Molding</li> </ul>
<b>Employees</b>	37	
<b>Headquarters</b>	Franklin, Indiana, USA	

Stock Information (as of August 26, 2024)		
<b>TSX-V:IB</b>	Share Price	C\$0.065
	50-Day Avg. Daily Volume	66,124
	52-Week Low/High	C\$0.04 - \$0.12
<b>OTCQB:IAALF</b>	Share Price	US\$0.047
	90-Day Avg. Daily Volume	27,333
	52-Week Low-High	US\$0.03- \$0.09

Share Structure (as of March 31, 2024)	
Outstanding Shares	106,734,573
Warrants	11,269,444
Options	4,267,500
Fully Diluted	122,321,517
Market Capitalization (as of 02-23-2023)	C\$6.81 Million
Insider Holdings	26%
Largest Single Shareholder (19.81%)	Mark A. Smith (Board Chairman)

Learn about IBC in this short video:  
<https://youtu.be/mdwNg33nD04>



**ibc**<sup>®</sup>

## WHAT SETS US APART

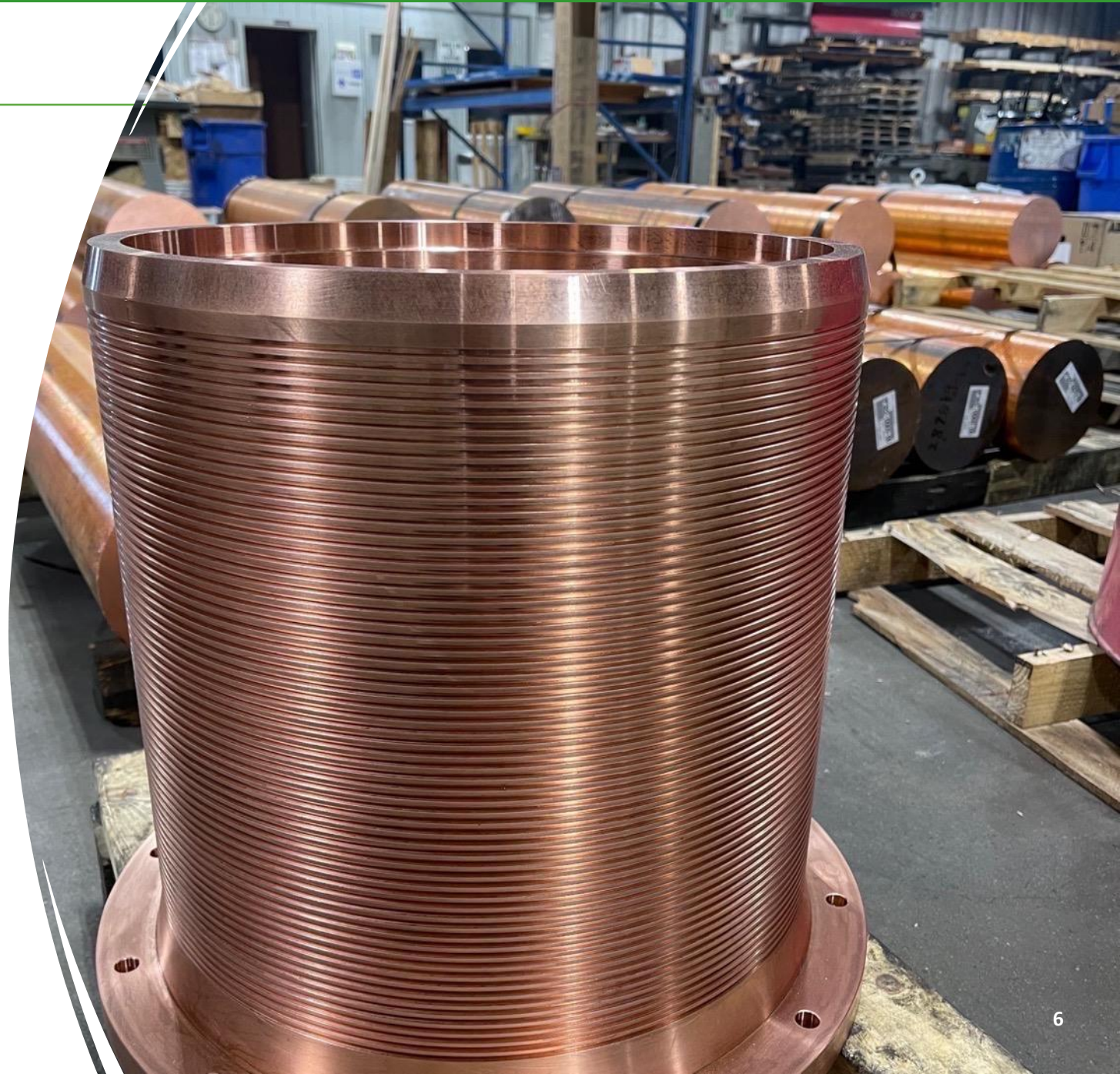
### 1. Technical capabilities

- Three degreed metallurgical engineers on staff
- Work closely with customers on application development and new products
- Technical support and problem solving

### 2. Diverse customer base

### 3. One site, vertically integrated, offers tighter control of supply chain

### 4. Location offers excellent access to skilled labor, transportation, cost control, and land for growth or expansion



## CURRENT COPPER ALLOY PRODUCTS

PRODUCT	APPLICATION USE
<b>C63000, C63200: Aluminum-Nickel-Bronze</b>	Rings, flanges, discs, rods, plates and bar used in marine defense
<b>C70600, C71500: Copper-Nickel</b>	Rings, flanges, discs, rods, plates and bar used in marine defense
<b>C17200, C17510: Beryllium-Copper</b>	Flanges, discs, rings, bars, rods and plate product used in aerospace, marine defense, oil & gas, automotive and plastics.
<b>C10100, C10700: High-purity oxygen-free Copper and Silver-bearing Copper</b>	Power generation, casting molds, electronics, electric motors
<b>C18200, C18000: Chrome Copper and Copper-Chrome-Silicon-Nickel</b>	Backing plates for sputtering target for semiconductor industry
<b>C18150: Copper-Chrome-Zirconium</b>	Power generation, fusion energy reactors, welding, rockets, hypersonic wind tunnel, casting molds for automotive use

## CURRENT MARKETS



### Defense

Aircraft carriers, submarines,  
other systems



### Automotive

Injection Mold Inserts, Die  
Casting Equipment



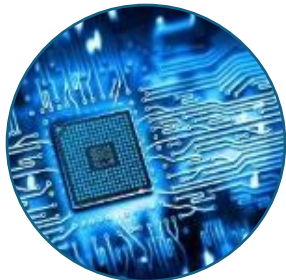
### Oil & Gas

Directional Drilling Components,  
Rings, Bushings, Flanges, Sub-Sea  
Applications



### Resistance Welding

Welding Wheels, Gun Arms,  
Resistance Welding Parts



### Electronics

Semiconductor Manufacturing  
Equipment, Backing Plates



### Manufacturing

Wear Plates and  
Bushings



### Injection Molding

High Conductivity Core and  
Cavity Inserts

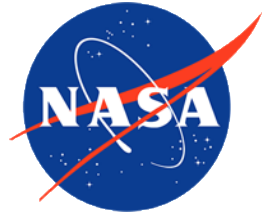


### Foundry

Casting Alloys, Die Blocks,  
Plunger Tips, Amorphous,  
Metal Casting Wheels



SELECT PAST AND CURRENT CUSTOMERS



GE VERNOVA

**FLUOR**<sup>®</sup>

**Honeywell**



**SIEMENS**

**HONDA**

**Schlumberger**



**GENERAL DYNAMICS**  
Electric Boat



Booz | Allen | Hamilton

## COPPER FOUNDRY CONSOLIDATION & EXPANSION



## COPPER FOUNDRY CONSOLIDATION & EXPANSION

**\$5.7M expansion,  
completed in 2022**

**32K sq.ft. of new  
production space**

**Helped facilitate sales  
growth from \$13.7M →  
\$25.5M<sup>1</sup>**

**2.5 Year ROI**

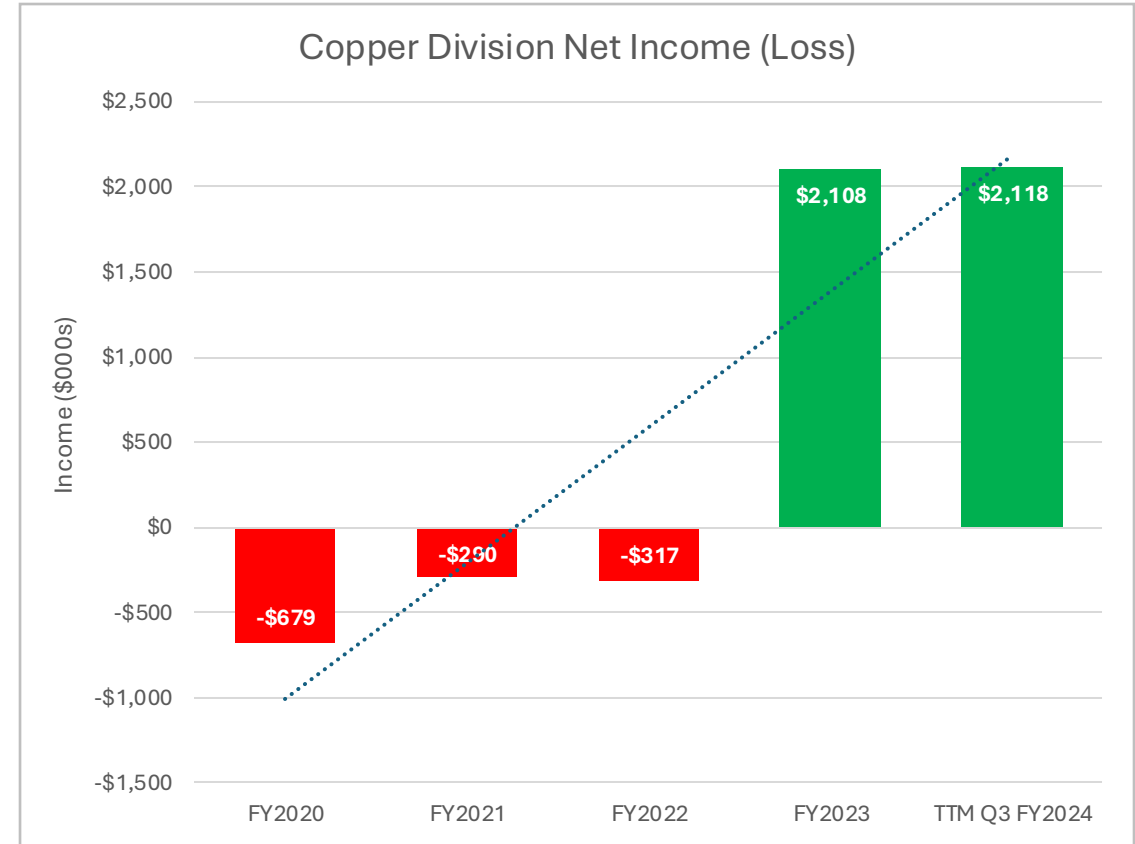
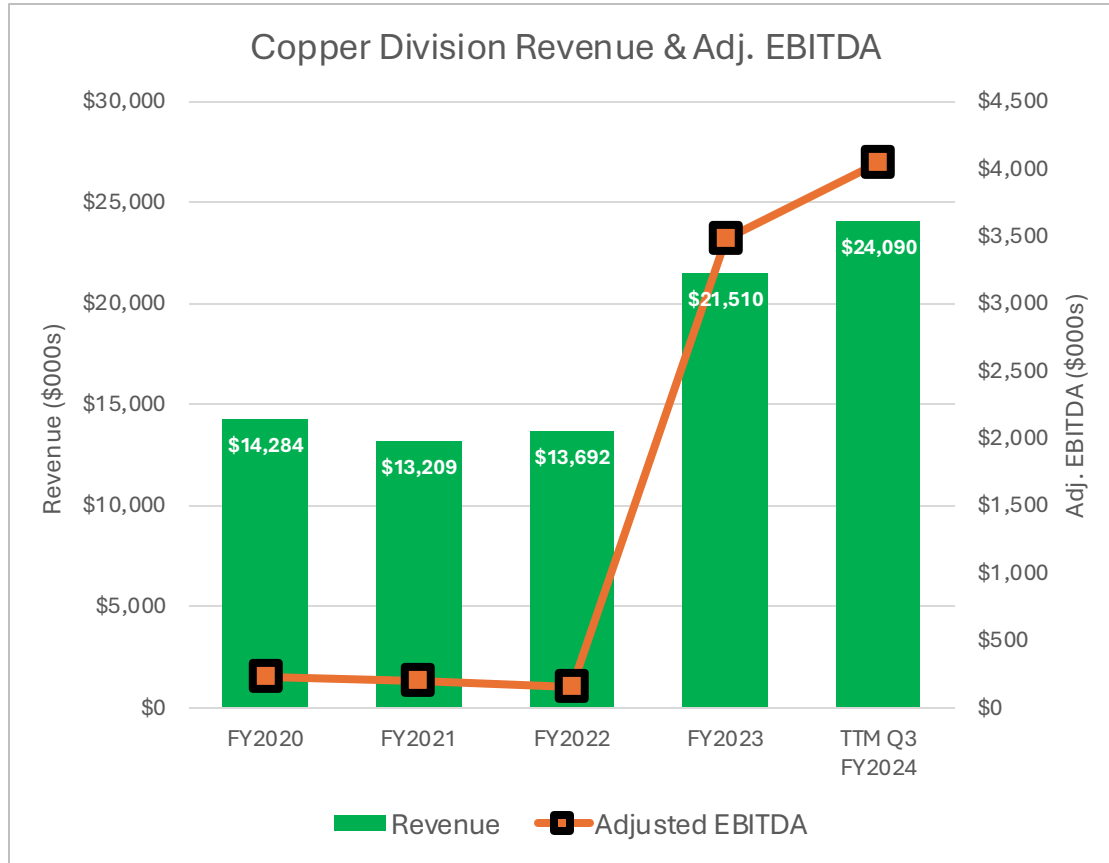
**Provides vertical integration  
of alloy casting through final  
machining**

**Allows exposure to  
markets in 26 countries**

**Positions IBC to expand  
business with additional  
capacity**

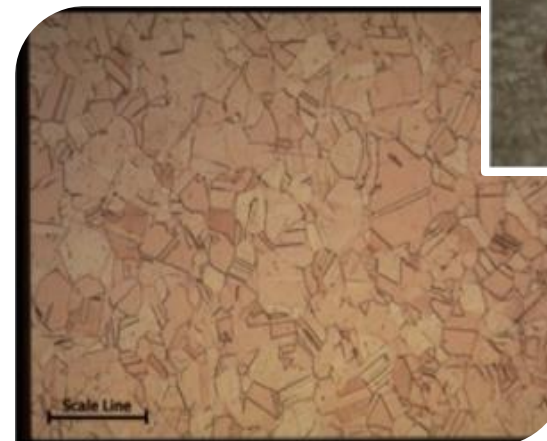
<sup>1</sup> \$13.7M Copper Alloy Division sales as of FY2022; \$25.5M Copper Alloy Division sales over 12 trailing months as of 3/31/2024

# COPPER DIVISION FINANCIAL PERFORMANCE



## QUALITY CONTROL

- ISO9001:2015 certified
- Electrical conductivity testing
- Ultrasonic inspection
- State-of-the-art spectrometers for chemical analysis
- Hardness testing using Rockwell or Brinell methods
- Grain structure and mechanical properties tested as required
- Relationships with outside laboratories for other, more stringent testing.



## BOARD OF DIRECTORS



**Mark Smith, P.E.**  
CEO & Chairman

Mr. Smith has 40+ years of experience in operating, developing, and financing mining and strategic materials projects in the Americas and abroad. He currently is Executive Chairman and CEO of NioCorp Developments Ltd. Mr. Smith is well recognized in the mining community, having served as President, CEO, and Director of MolyCorp, Inc., where he was instrumentally involved in taking the company public.



**Geoffrey Hampson**

Mr. Hampson has founded and financed numerous successful private and public companies since 1978. He has extensive experience in special materials, technology, and mining. In 1982, Mr. Hampson started Novocon International, Inc., which later became Synthetic Industries, a producer of specialty alloy, plastic, and carbon fibers. In 1995, he invested in and joined the Board of Directors of Cymat, Inc., a materials technology company.



**Mike Jarvis**

Mr. Jarvis has extensive financial and management expertise, including considerable operational experience with manufacturing companies. In 1983, he founded Franklin Power Products, a profitable automotive manufacturer with 2,700 employees and 16 locations in the US and Canada, serving domestic and international customers by remanufacturing gas and diesel engines, transmissions, electrical systems and other components for automotive, large truck, construction and locomotive applications.



**Simon Anderson**

Simon Anderson came to the IBC Board after serving since 2007 as Chief Financial Officer for IBC and its predecessor company. A CPA, CA with 30 years' experience, he has worked as an officer or director of public companies on the TSX Venture Exchange, TSX Exchange, and NASDAQ for almost 20 years, including for Wex Pharmaceuticals, Minco Mining, and Minco Silver. He has extensive experience in financing, mergers and acquisitions, corporate governance, and securities regulation practices.

## SENIOR MANAGEMENT



**Mark Smith, P.E.**  
Chief Executive  
Officer & Chairman

Mr. Smith has 40+ years of experience in operating, developing, and financing mining and strategic materials projects in the Americas and abroad. He currently is Executive Chairman and CEO of NioCorp Developments Ltd. Mr. Smith is well recognized in the mining community, having served as President, CEO, and Director of MolyCorp, Inc., where he was instrumentally involved in taking the company public.



**Toni Wendel**  
Chief Financial Officer &  
Corporate Secretary

25+ years of experience in finance and accounting; IBC's former Controller; former CFO and Treasurer of PMG Corp.; multiple finance positions over 15 years with a Mitsubishi subsidiary; B.A. and M.B.A. from Indiana Wesleyan University.



**Ben Rampulla**  
Chief Technology  
Officer

40+ year veteran of the investment casting industry; former Director of Engineering at Nucast, Inc.; served 29 years at Precision Castparts Corp., including as Chief Engineer. Six Sigma Blackbelt and Kaizan trainer; B.S., Engineering, Rutgers; graduate of the Whittemore School of Business' Executive Development Program.



**Mark Wolma**  
President, Copper  
Alloys

Mr. Wolma has led IBC's Copper Alloys Division for more than 16 years, including the division's recent multi-facility consolidation and the construction and operation of its new vertically integrated copper foundry in Franklin, Indiana. He has more than 34 years of experience in manufacturing, sales and service of electrical, mechanical and hydraulic apparatus. Before IBC, he served as Vice President of Operations for Scherer Industrial Group, Inc. He also was a director for the Copper and Brass Service Center Association. He attended Indiana University-Purdue University.



**Rajeev Jain**  
VP, Sales and Engineering

Mr. Jain formerly worked at Hussey Copper in various senior engineering positions for 10 years before joining Nonferrous Products, which IBC acquired in October 2008. He has been with IBC for 20 years. Rajeev received a Bachelor of Engineering in Metallurgy in 1991 from Rourkela, India and received his MBA from the Kelley School of Business at Indiana University in 2008.



**Ken Shasteen**  
VP, Foundry Operations  
& Senior Metallurgist

Mr. Shasteen oversees operations at IBC's foundry in Franklin, Indiana. He was with NGK Metals in Sweetwater, TN and Manufacturing Sciences Corporation in Oak Ridge, TN prior to joining Freedom Alloys in 2000, which was acquired by IBC in 2008. Ken has his Bachelor of Science in Material Science Engineering from the University of Tennessee.



**Jim Sims**  
Director, External  
Relations

30+ years of experience in marketing, media relations, public affairs, and investor relations operations for companies in the mining, chemical, manufacturing, utility, and renewable energy sector. A former White House staffer, Jim served for 11 years in the U.S. Senate, including as a Chief of Staff, and held a top-secret security clearance. B.A., Georgetown University.