NYSE: **GTLS**

Cooler By Design.®

Third Quarter
2022 Earnings Call

Presented by

Jill Evanko
CEO

Joe Brinkman
CFO

Forward-Looking Statements

CERTAIN STATEMENTS MADE IN THIS PRESENTATION ARE FORWARD-LOOKING STATEMENTS WITHIN THE MEANING OF THE PRIVATE SECURITIES LITIGATION REFORM ACT OF 1995. FORWARD-LOOKING STATEMENTS INCLUDE STATEMENTS CONCERNING THE COMPANY'S BUSINESS PLANS, INCLUDING STATEMENTS REGARDING COMPLETED DIVESTITURES, ACQUISITIONS AND INVESTMENTS, COST SYNERGIES AND EFFICIENCY SAVINGS, OBJECTIVES, FUTURE ORDERS, REVENUES, MARGINS, SEGMENT SALES MIX, EARNINGS OR PERFORMANCE, LIQUIDITY AND CASH FLOW, INVENTORY LEVELS, CAPITAL EXPENDITURES, SUPPLY CHAIN CHALLENGES, INFLATIONARY PRESSURES INCLUDING MATERIAL COST AND PRICING INCREASES, BUSINESS TRENDS, CLEAN ENERGY MARKET OPPORTUNITIES, INCLUDING ADDRESSABLE MARKETS AND PROJECTED INDUSTRY-WIDE INVESTMENTS, GOVERNMENTAL INITIATIVES, INCLUDING EXECUTIVE ORDERS AND OTHER INFORMATION THAT IS NOT HISTORICAL IN NATURE. FORWARD-LOOKING STATEMENTS MAY BE IDENTIFIED BY TERMINOLOGY SUCH AS "MAY," "WILL," "SHOULD," "COULD," "EXPECTS," "ANTICIPATES," "BELIEVES," "PROJECTS," "FORECASTS," "OUTLOOK," "GUIDANCE," "CONTINUE," "TARGET," OR THE NEGATIVE OF SUCH TERMS OR COMPARABLE TERMINOLOGY.

FORWARD-LOOKING STATEMENTS CONTAINED IN THIS PRESENTATION OR IN OTHER STATEMENTS MADE BY THE COMPANY ARE MADE BASED ON MANAGEMENT'S EXPECTATIONS AND BELIEFS CONCERNING FUTURE EVENTS IMPACTING THE COMPANY AND ARE SUBJECT TO UNCERTAINTIES AND FACTORS RELATING TO THE COMPANY'S OPERATIONS AND BUSINESS ENVIRONMENT, ALL OF WHICH ARE DIFFICULT TO PREDICT AND MANY OF WHICH ARE BEYOND THE COMPANY'S CONTROL, THAT COULD CAUSE THE COMPANY'S ACTUAL RESULTS TO DIFFER MATERIALLY FROM THOSE MATTERS EXPRESSED OR IMPLIED BY FORWARD-LOOKING STATEMENTS. FACTORS THAT COULD CAUSE THE COMPANY'S ACTUAL RESULTS TO DIFFER MATERIALLY FROM THOSE DESCRIBED IN THE FORWARD-LOOKING STATEMENTS INCLUDE: THE COMPANY'S ABILITY TO SUCCESSFULLY INTEGRATE RECENT ACQUISITIONS AND ACHIEVE THE ANTICIPATED REVENUE, EARNINGS, ACCRETION AND OTHER BENEFITS FROM THESE ACQUISITIONS; SLOWER THAN ANTICIPATED GROWTH AND MARKET ACCEPTANCE OF NEW CLEAN ENERGY PRODUCT OFFERINGS; INABILITY TO ACHIEVE EXPECTED PRICE INCREASES OR CONTINUED SUPPLY CHAIN CHALLENGES INCLUDING VOLATILITY IN RAW MATERIALS COST AND SUPPLY; RISKS RELATING TO THE OUTBREAK AND CONTINUED UNCERTAINTY ASSOCIATED WITH THE CORONAVIRUS (COVID-19) AND THE CONFLICT BETWEEN RUSSIA AND UKRAINE, INCLUDING ENERGY SHORTAGES IN EUROPE AND ELSEWHERE, AND THE OTHER FACTORS DISCUSSED IN ITEM 1A (RISK FACTORS) IN THE COMPANY'S MOST RECENT ANNUAL REPORT ON FORM 10-K AND QUARTERLY REPORTS ON FORM 10-Q FILED WITH THE SEC, WHICH SHOULD BE REVIEWED CAREFULLY. THE COMPANY UNDERTAKES NO OBLIGATION TO UPDATE OR REVISE ANY FORWARD-LOOKING STATEMENT.

THIS PRESENTATION CONTAINS THIRD QUARTER 2022 NON-GAAP FINANCIAL INFORMATION, INCLUDING ADJUSTED NON-DILUTED EPS, NORMALIZED BASIC EPS, "NET INCOME, ADJUSTED", FREE CASH FLOW, ADJUSTED FREE CASH FLOW, EBITDA, ADJUSTED EBITDA, ADJUSTED GROSS PROFIT, ADJUSTED GROSS PROFIT MARGIN, ADJUSTED OPERATING INCOME, AND ADJUSTED OPERATING MARGIN. FOR ADDITIONAL INFORMATION REGARDING THE COMPANY'S USE OF NON-GAAP FINANCIAL INFORMATION, AS WELL AS RECONCILIATIONS OF NON-GAAP FINANCIAL MEASURES TO THE MOST DIRECTLY COMPARABLE FINANCIAL MEASURES CALCULATED AND PRESENTED IN ACCORDANCE WITH ACCOUNTING PRINCIPLES GENERALLY ACCEPTED IN THE UNITED STATES ("GAAP"), PLEASE SEE THE RECONCILIATION SLIDES TITLED "THIRD QUARTER 2022 EARNINGS PER SHARE," "THIRD QUARTER 2022 ADJUSTED EBITDA" AND "THIRD QUARTER 2022 FREE CASH FLOW" INCLUDED IN, OR IN THE APPENDIX AT THE END OF, THIS PRESENTATION. PLEASE SEE THE RECONCILIATION TABLE AT THE END OF THE ACCOMPANYING EARNINGS RELEASE FOR THE "ADJUSTED GROSS PROFIT" AND "ADJUSTED OPERATING INCOME" RECONCILIATIONS, AS WELL AS A RECONCILIATION AND ADDITIONAL DETAILS ON ADJUSTED NON-DILUTED EPS AND ADJUSTED FREE CASH FLOW. WITH RESPECT TO THE COMPANY'S 2022 AND 2023 FULL YEAR EARNINGS OUTLOOK, THE COMPANY IS NOT ABLE TO PROVIDE A RECONCILIATION OF THE ADJUSTED EARNINGS PER NON-DILUTED SHARE OR ADJUSTED FREE CASH FLOW, BECAUSE CERTAIN ITEMS MAY HAVE NOT YET OCCURRED OR ARE OUT OF THE COMPANY'S CONTROL AND/OR CANNOT BE REASONABLY PREDICTED.

CHART INDUSTRIES, INC. IS A LEADING INDEPENDENT GLOBAL MANUFACTURER OF HIGHLY ENGINEERED EQUIPMENT SERVICING MULTIPLE APPLICATIONS IN THE ENERGY AND INDUSTRIAL GAS MARKETS. OUR UNIQUE PRODUCT PORTFOLIO IS USED IN EVERY PHASE OF THE LIQUID GAS SUPPLY CHAIN, INCLUDING UPFRONT ENGINEERING, SERVICE AND REPAIR. BEING AT THE FOREFRONT OF THE CLEAN ENERGY TRANSITION, CHART IS A LEADING PROVIDER OF TECHNOLOGY, EQUIPMENT AND SERVICES RELATED TO LIQUEFIED NATURAL GAS, HYDROGEN, BIOGAS AND CO2 CAPTURE AMONGST OTHER APPLICATIONS. WE ARE COMMITTED TO EXCELLENCE IN ENVIRONMENTAL, SOCIAL AND CORPORATE GOVERNANCE (ESG) ISSUES BOTH FOR OUR COMPANY AS WELL AS OUR CUSTOMERS. WITH OVER 25 GLOBAL LOCATIONS FROM THE UNITED STATES TO ASIA, AUSTRALIA, INDIA, EUROPE AND SOUTH AMERICA, WE MAINTAIN ACCOUNTABILITY AND TRANSPARENCY TO OUR TEAM MEMBERS, SUPPLIERS, CUSTOMERS AND COMMUNITIES. TO LEARN MORE, VISIT WWW.CHARTINDUSTRIES.COM.

Macro Tailwinds Increasing Specialty 2030 TAM and LNG Opportunities

Full Solutions Platforms Across the Nexus of Clean

Clean End Market	Solution	GTLS Process Technologies (Owned in Full)	GTLS Process Technologies Through Minority Ownership	GTLS Equipment
Clean Power	• Hydrogen • Helium • LNG • Biogas	Cryo Technologies CHART Cooler By Design.	TRANSFORM MATERIALS McPhy	• BAHX • ACHX • Bulk & Microbulk • Fans • Transports • Valves / Vaporizers • Expanders • Liquefiers • Cold Boxes
Clean Water	• Water& Wastewater Treatment • Desalination	BlueInGreen solutions for water quality AdEdge water technologies		• Bulk tanks • Dissolution equipment • Vaporizers • Cryo-lease
Clean Food, Beverages & Agriculture	• Small-Scale Carbon Capture • Clean Beverages	Earthly Labs		• Microbulk tanks • Dosers • Vaporizers • Transports
Clean Industrials	• Post Combustion Carbon Capture • Hydrogen/He	SES INNOVATION A Chart Industries Company	Svante TRANSFORM MATERIALS	• Heat exchangers • Storage tanks • Vaporizers • VIP/VJP • Transports • Liquefiers • Cold Boxes • Expanders

Key Macro Tailwinds

Energy Security = LNG

- LNG demand continues to grow: near-term and through 2035
- 130+ MTPA of LNG will come online this decade; expect more than these projects in the context of Russia/Ukraine conflict

CO2 Shortages

- Plant closures have created shortages in UK, U.S., etc.
- CO2 is essential to food & drink, with 99.9% purity required
- Rising price of CO2; August 2022 price was 37% higher than April 2022 price

Sustainability & the Inflation Reduction Act

- $300B in Investments: Carbon Capture, Hydrogen, Water Treatment, Fueling Solutions, Clean Energy, Industrial Facilities & Clean Manufacturing
- Expect European Commission to work on a similar or comparable approach; hydrogen investments growing

Hydrogen Investments This Decade are Increasing

	Mid-2021	Mid-2022 (One Year Later)	% Change
Direct investment through 2030 announced	$160 billion	$240 billion	+50%
Countries with “net zero” targets	75	131	+75
Hydrogen Projects under development globally through 2030	228	534	+134%
Increase in announced clean hydrogen production capacity compared to 2019	3X	11.4X	+280%
Announced clean hydrogen production capacity	6.7 MTPA	26.2 MTPA	+290%

Inflation Reduction Act Impacts Starting to Be Seen

Key IRA Elements for GTLS Customers

Fuel Refueling, Property, Industrial Facilities, Carbon Capture, Hydrogen, Water

What GTLS is Seeing Since IRA Released

Carbon Capture:	Hydrogen:	Water:
Pipeline of 363 customers & potential customers • +21% vs. Q2 2022; +142% vs. 12/31/2021 YTD 9/30/2022 • Pre-IRA leads = 17.5/month avg • Post-IRA leads = 32.4/month avg Earthly Labs ss-CCUS • 60 days prior to IRA – new commercial opportunities of $5.56M • 75 days post IRA – new commercial opportunities of $9.22M	Pipeline of 658 customers and potential customers • +20% vs. Q2 2022; +83% vs 12/31/2021 Booked $102.4M of hydrogen orders in Q3 2022; $283.0M YTD 9/30/2022 Multiple discussions on Chart's Made in America capabilities (We are the only company in the world with BAHX N. American manufacturing)	YTD 9/30/2022, commercial pipeline has had additions of $131M • Increase in additions of 44% compared to the same period 2021 Avg. size of water treatment orders YTD 2022 has increased by 93% vs. the same period 2021

Specialty Products Total Addressable Market Increase

		Prior TAM		TAM as of 10/28/2022		
Market	End-use of Products	Near-term TAM(1)	2030 TAM	Near-term TAM(1)	2030 TAM	Drivers of Expanded Opportunity
Hydrogen & Helium	• H^2/He Liquefaction • Transports and storage, stations, etc.	$3,100M	$25,000M	$4,500M	$30,000M	• Faster pace of liquid adoption • National hydrogen strategies • U.S. IRA / GTLS bookings
Carbon Capture	• Industrial scale & small-scale CCUS • Distribution and storage	$850M	$6,000M	$950M	$6,500	• U.S. IRA • CO2 shortages
Over-Road Trucking	• LNG for heavy duty vehicles, mine trucks (lower emissions, engine noise, etc.)	$750M	$2,000M	$750M	$2,000M	
Water Treatment	• Wastewater treatment technology for removal of contaminants (arsenic, PFAS and PFOS) • Related storage equipment	$1,500M	$6,000M	$2,000M	$7,400	• U.S. IRA • Earlier than expected traction in India signals intl expectations to continue
Food & Beverage	• Food preservation equipment • Nitrogen dosing equipment	$500M	$1,000M	$500M	$1,000M	
Cannabis	• Liquid CO2 storage • Used in grow houses, CBD oil extraction and packaging	$250M	$500M	$250M	$500M	
Molecules By Rail	• Gas by rail tender cars approved for use	$250M	$500M	$250M	$750M	• Increasing interest in alternative fuels by rail
Lasers	• High purity liquid nitrogen (gas assist) for a faster cut, superior edge, free of impurities	$200M	$500M	$200M	$500M	
Space	• Cryogenic liquid propellants are used as fuel for rocket propulsion	$250M	$500M	$250M	$600M	• Supersize tank adoption, with Teddy expanded facility
Total		**$7,650M**	**$42,000M**	**$9,650M**	**$49,250M**	

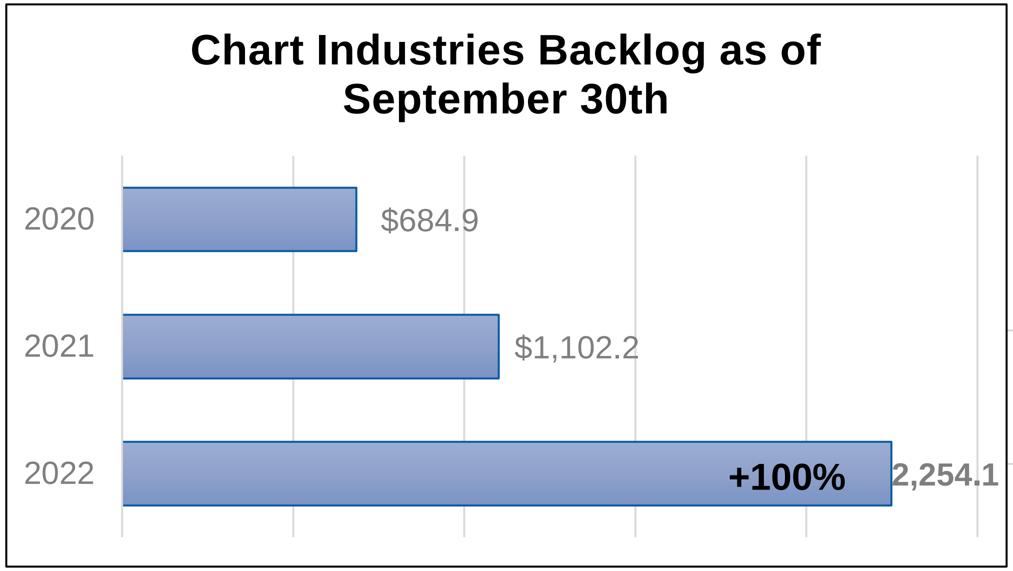
Source: Potential Market Size are Chart Management estimates.
(1) Reflects Total Addressable Market (TAM) for current and potential application of Chart technology and products.

Tailwinds Reflected in Our Q3 & YTD 2022 Order Book

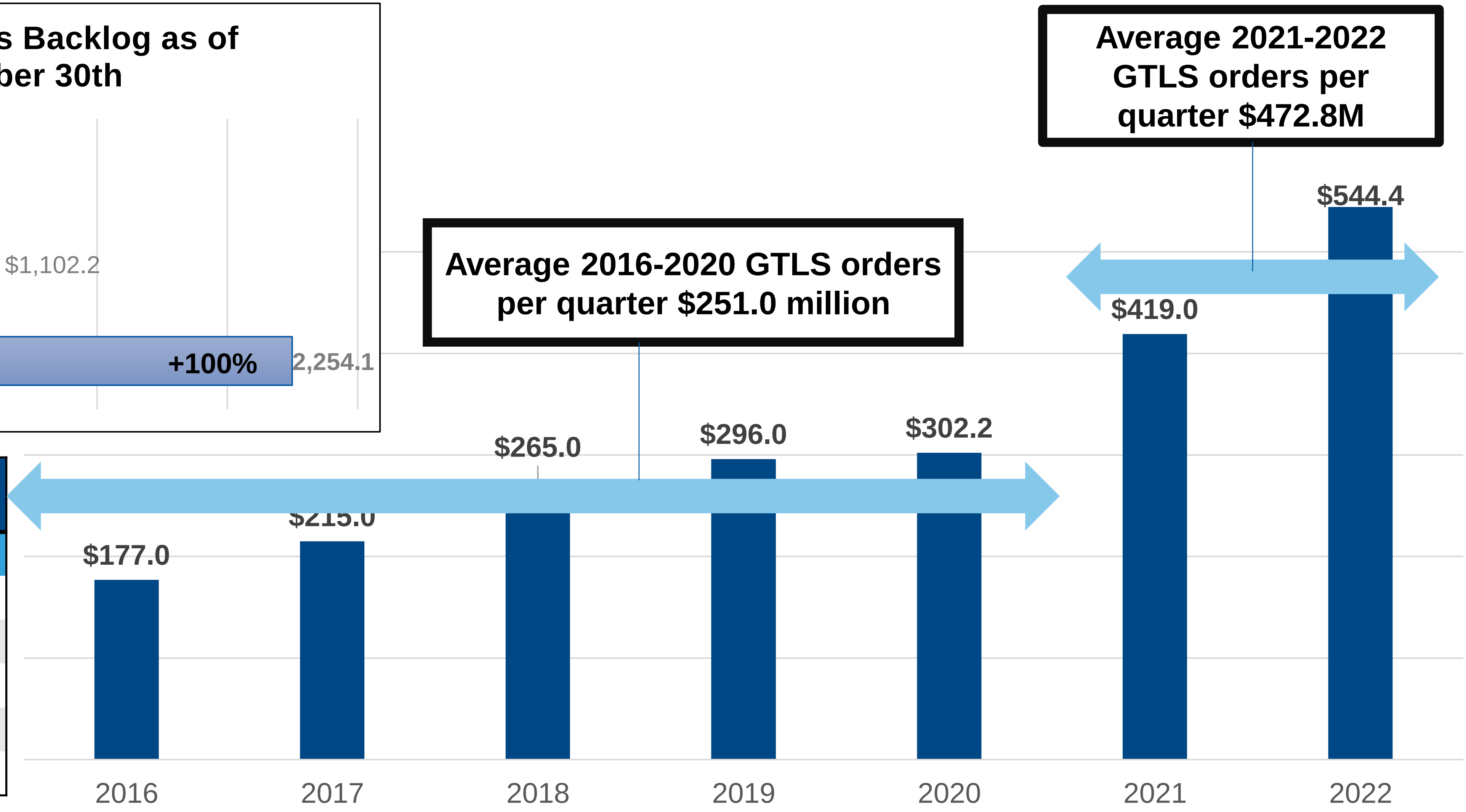
#	Orders	Q1 2022	Q2 2022	Q3 2022	YTD 2022
1	Venture Global (BKR) Plaquemines Phase 1 FNTP	$135.5			$135.5
2	Venture Global (BKR) Plaquemines Phase 2 FNTP	45.4		$91.8	137.2
3	Cheniere (Bechtel) CCL Stage 3 LNTP & FNTP	47.5	$300.5		348.0
4	**BigLNG orders booked YTD 9/30/2022**	**228.4**	**300.5**	**91.8**	**620.7**
5	FLNG (New Fortress Energy) FastLNG2	38.3	4.0		42.3
6	FLNG (New Fortress Energy) FastLNG3		42.3		42.3
7	Southeastern US Utility ssLNG retrofit & expansion		26.8		26.8
8	Space exploration supersize tanks		16.1		16.1
9	Hydrogen liquefiers (15 TPD and 30 TPD)		134.5		134.5
10	EU Member State military mobile equipment order		22.3		22.3
11	N. American hydrogen liquefaction, water treatment plant			108.0	108.0
12	N. American ssLNG facility			100.0	100.0
13	APAC FLNG			50.0	50.0
14	NAM FLNG			25.0	25.0
15	Other GTLS orders	370.1	341.3	354.6	1,066.0
16	**Total GTLS YTD 9/30/2022 Orders Booked**	**636.8**	**887.8**	**729.4**	**2,254.0**

Our commercial pipeline of potential orders currently in discussion for order placement in the next 24 months is greater than $9.5 billion

Average Orders Per Quarter, ex Big LNG (2016-YTD 2022)



Big LNG Orders, not shown on column graph	
Year	**$ millions**
2018	$2.9
2019	133.9
2020	1.1
2021	2.9
2022 YTD 9/30/22	620.7



All years normalized to exclude divested businesses.

Q3 2022 Results

Q3 2022: Historical GTLS Records

Segment/Division	Orders	Net Sales	Backlog
Cryo Tank Solutions			
Storage Equipment			
Engineered Tanks & Systems			✓
Mobile Equipment		✓	
Heat Transfer Systems			✓
Brazed Alum Heat Exchangers		✓	✓
Systems		✓	✓
Air Exchangers			
Fans			✓
VRV		✓	
Repair, Service & Leasing	✓		
Parts, Repairs, & Services			
Cryo Lease	✓		
Lifecycle Group			
Air Coolers Aftermarket			
Fans Aftermarket			
LA Turbine Aftermarket		✓	
Specialty Products			✓
Hydrogen & Helium			✓
HLNG			
Food & Beverage			
Space		✓	
Water Treatment			✓
Carbon Capture	✓		
Others			✓
Chart Industries		✓	✓

Q3 2022 notable items:

- Record backlog of $2.254 billion
- Record sales of $412.1 million
- Record reported gross margin of $104.6 million
- Record reported operating income of $41.7 million
- Reported operating margin of 10.1%
  - Only achieved three other times this past decade
- On-time delivery at 100% in 12 of our factories
- First-of-a-Kind orders (“FOAK”) of 17 / YTD 68
- 79 new customers placing orders / YTD 248
- Achieved our lowest safety total recordable incident rate
- 79% of our sites have had no safety incidents in the trailing 12-month period

Third Quarter 2022 Summary

Green box denotes historical record

$ millions, except per share amounts Consolidated	Q3 2022	Q2 2022	Q3 2021
Orders	**729.4**	**887.7**	**350.2**
% Change		-18%	108%
Backlog	**2,254.1**	**1,953.3**	**1,102.2**
% Change		15%	105%
Sales	**412.1**	**404.8**	**328.3**
% Change		1.8%	25.5%
Reported GM %	**25.4%**	**23.4%**	**22.8%**
Change		+200 bps	+260 bps
Adjusted GM%	**27.3%**	**25.3%**	**26.5%**
Change		+200 bps	+80 bps
Reported Basic EPS	**$1.15**	**$0.36**	**$0.42**
% Change		219%	174%
Adjusted Basic EPS	**$1.49**	**$0.88**	**$0.55**
% Change		69%	171%

Third Quarter 2022 Comments

Second highest order quarter in our history (after Q2 2022 was a record order quarter) including hydrogen liquefaction project, three separate customer commitments for ss/FLNG work, and FNTP on Venture Global's Plaquemines 2 ($91.8M in the qtr) resulting in **record backlog** (eight consecutive record)

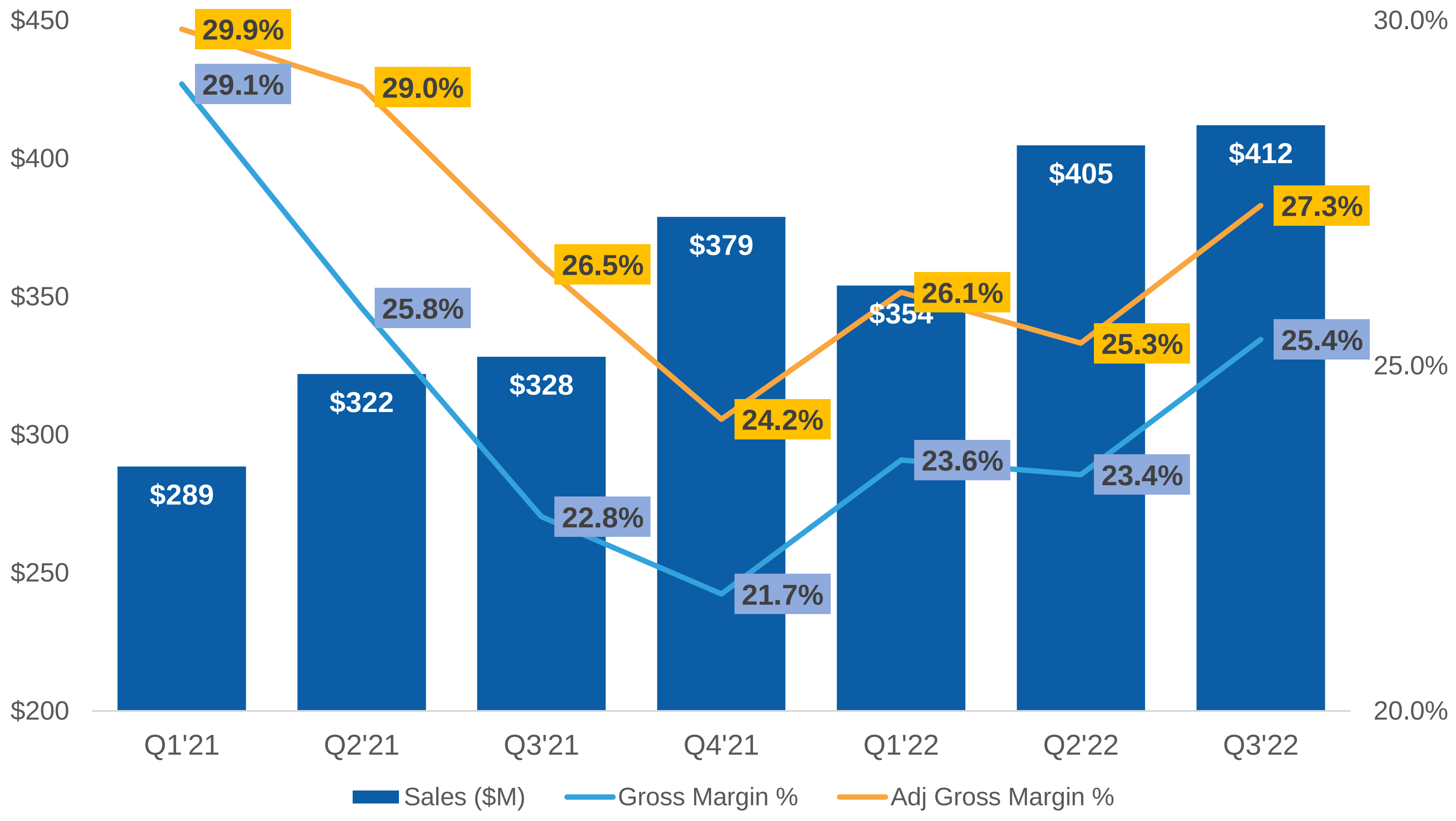
Record sales were a 25% increase from Q3 2021 despite a negative $17 million of currency headwinds in Q3 2022 and timing shift of revenue recognition on two specific Specialty Products projects into Q4 2022 (timing only)

Reported and adjusted gross margin as a percent of sales were sequentially higher than Q2 2022 as anticipated, driven by broad-based execution, strong HTS and RSL margin and pricing improvement; contributed to our **$41.5 million reported operating income (+200% versus Q3 2021)**

Reported and adjusted diluted EPS were both historical records, driven by gross margin increases in 3 of the four segments, continued operational improvements globally supporting an improved tax rate

(1) *Adjusted Non-Diluted EPS is as reported on a historical basis. Adjusted Non-Diluted EPS and adjusted gross margin are non-GAAP measures. Please see reconciliation tables in accompanying earnings release for a reconciliation to the relevant GAAP measures.*

Sales & Gross Margin Trends

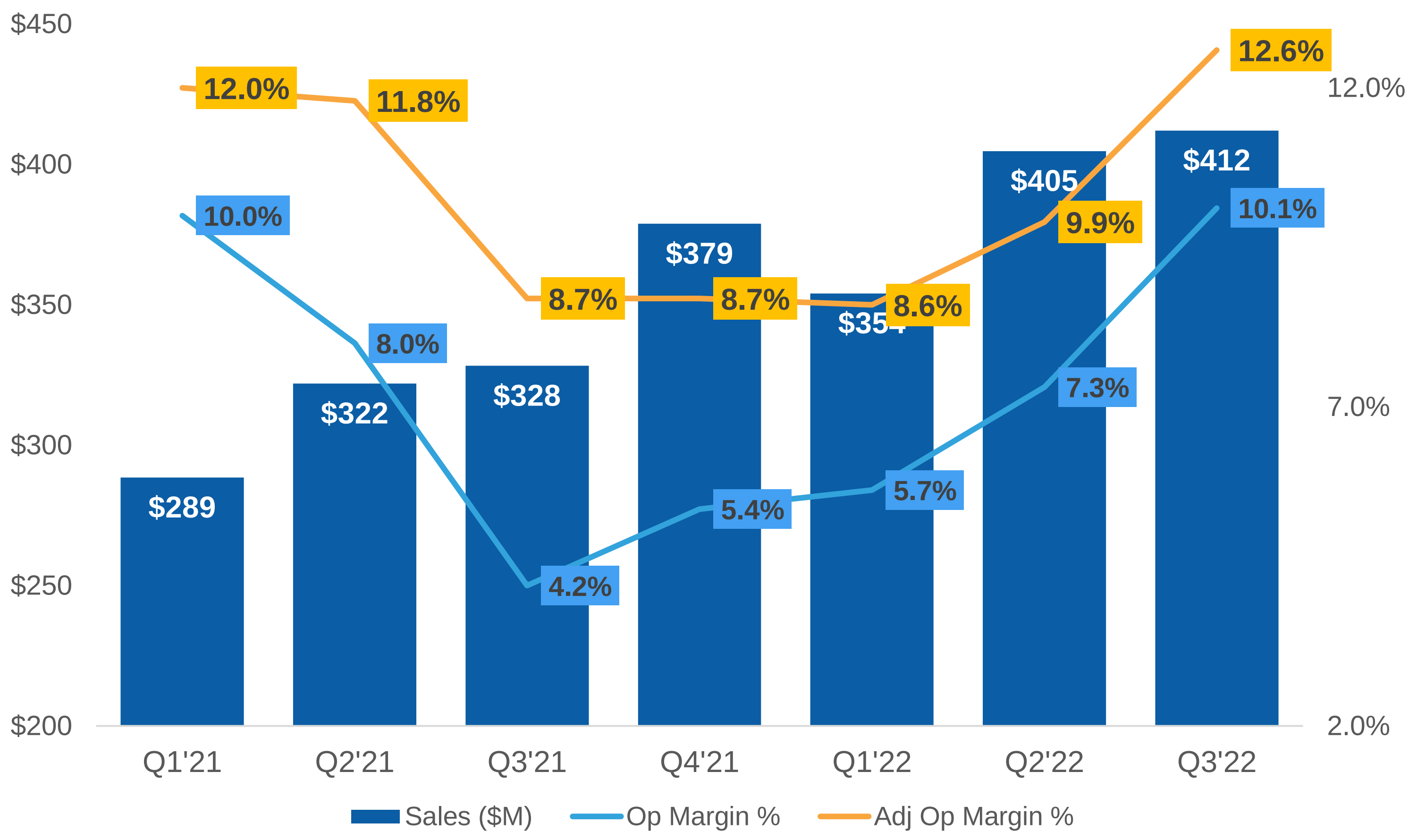


There are ongoing inflationary and supply chain challenges that continue to impact our business which we do not include in our adjusted operating margin. We estimate these totaled $3.5 million in Q3 2022; if adjusted for these, adjusted gross margin would have been 28.2%.These include but are not limited to:

- HLNG low volume due to end customer semiconductor and other supply chain issues
- Force majeure
- Ongoing supply chain, transport and freight expedite costs
- Higher than typical utility costs to run manufacturing shops

(1) *Adjusted Gross Margin % is a non-GAAP measure. Please see reconciliation table at the end of the accompanying earnings release for a reconciliation to the relevant GAAP measure.*

Sales & Operating Margin Trends



There are ongoing inflationary and supply chain challenges that continue to impact our business which we do not include in our adjusted operating margin. We estimate these totaled $3.5 million in Q3 2022; if adjusted for these, adjusted operating margin would have been 13.4%. These include but are not limited to:

- HLNG low volume due to end customer semiconductor and other supply chain issues
- Force majeure
- Ongoing supply chain, transport and freight expedite costs
- Higher than typical utility costs to run manufacturing shops

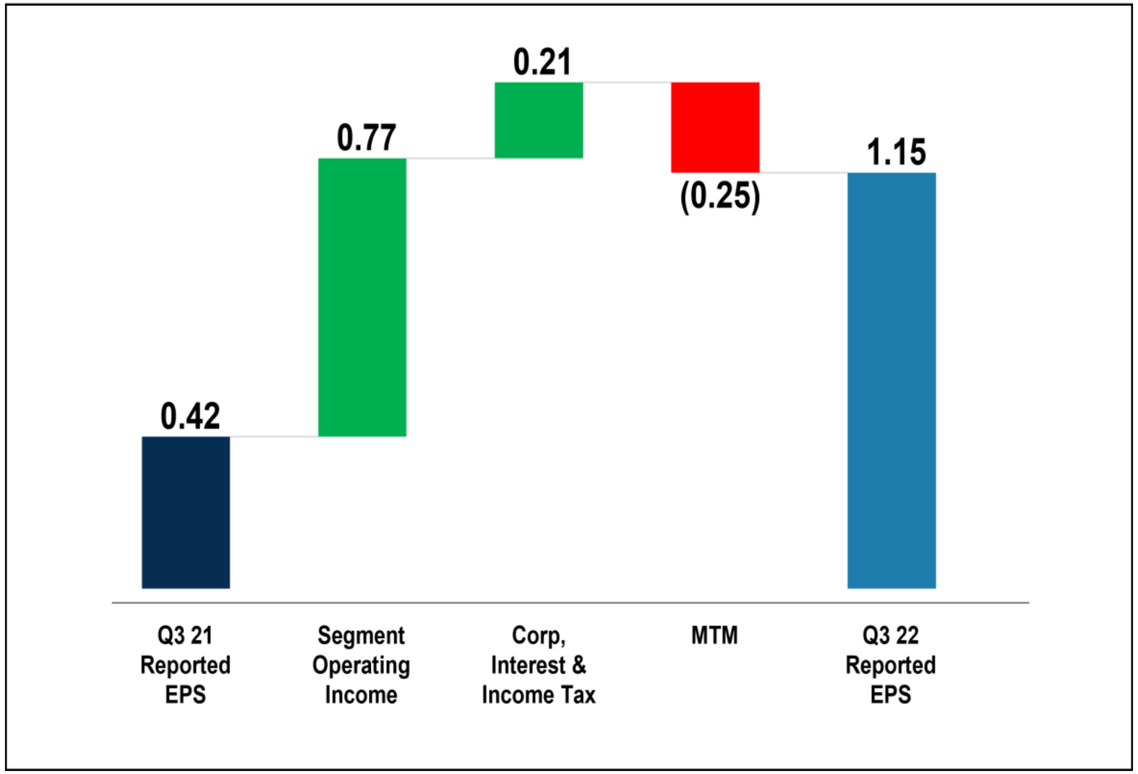
(1) Adjusted Operating Margin % is a non-GAAP measure. Please see reconciliation table at the end of the accompanying earnings release for a reconciliation to the relevant GAAP measure.

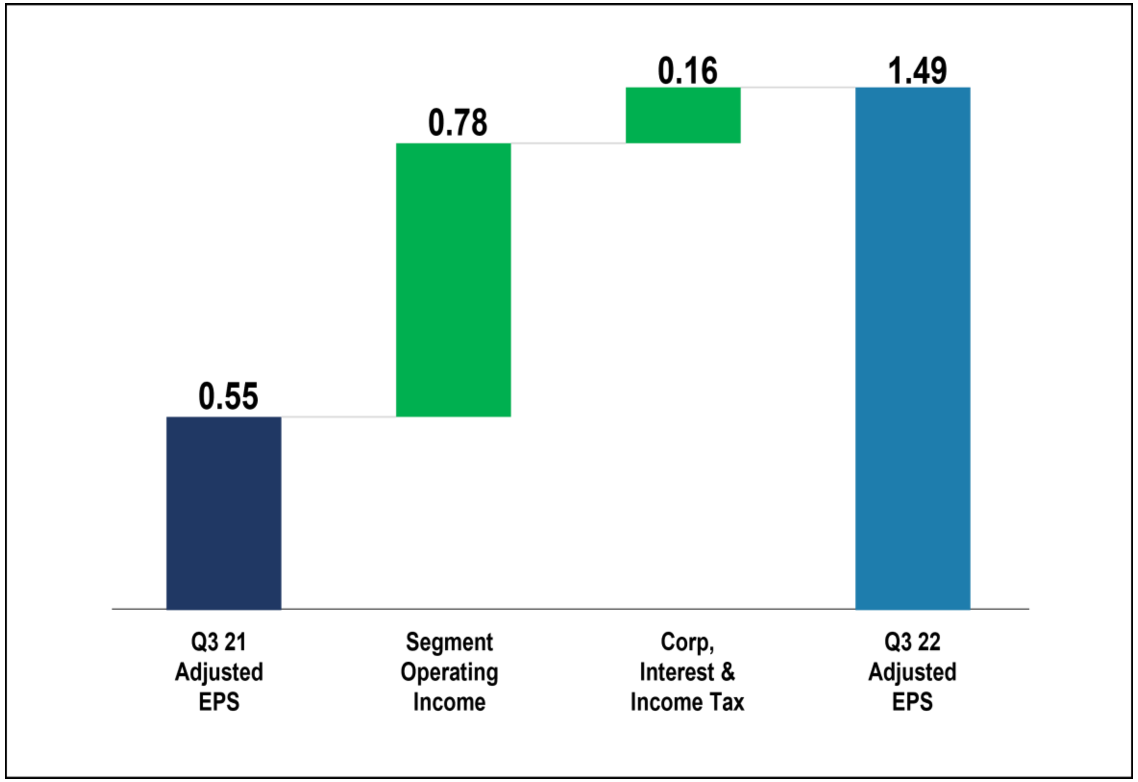
Third Quarter and YTD 2022 Earnings Per Share

$ millions, except per share amounts Continuing Operations		Q3 2022	Q2 2022	Change vs. PQ	YTD 2022	YTD 2021	Change v. PY
Net income attributable to Chart Industries, Inc.		*$41.2*	*$13.0*	*$28.2*	*$64.4*	*$47.0*	*$17.4*
Reported Basic EPS		$1.15	$0.36	$0.79	$1.80	$1.32	$0.48
1	Investment equities mark-to-market	(0.04)	0.27	(0.31)	0.38	(0.06)	0.44
2	Tax effects (1)	0.02	(0.05)	0.07	(0.06)	0.01	(0.07)
Normalized Basic EPS		1.13	0.58	$0.55	$2.12	1.27	$0.85
3	Restructuring related costs	0.09	0.13	(0.04)	0.37	0.53	(0.16)
4	Deal related and integration costs	0.19	0.14	0.05	0.45	0.30	0.15
5	Start-up costs (organic)	0.09	0.09	-	0.23	0.17	0.06
6	Tax effects (1)	(0.01)	(0.06)	0.05	(0.13)	(0.18)	0.05
Adjusted Basic EPS (2)		**1.49**	**$0.88**	**$0.61**	**$3.04**	**$2.09**	**$0.95**

(1) Tax effect reflects adjustment at normalized periodic rates
(2) Adjusted Basic EPS and Normalized Basic EPS (both non-GAAP measures) are as reported on a historical basis. EPS adjustment reconciliation table is provided in accompanying press release financial tables.

Q3 2021 to Q3 2022 EPS and Adjusted EPS Walk





Reported non-diluted EPS Bridge Q3 2021 to Q3 2022

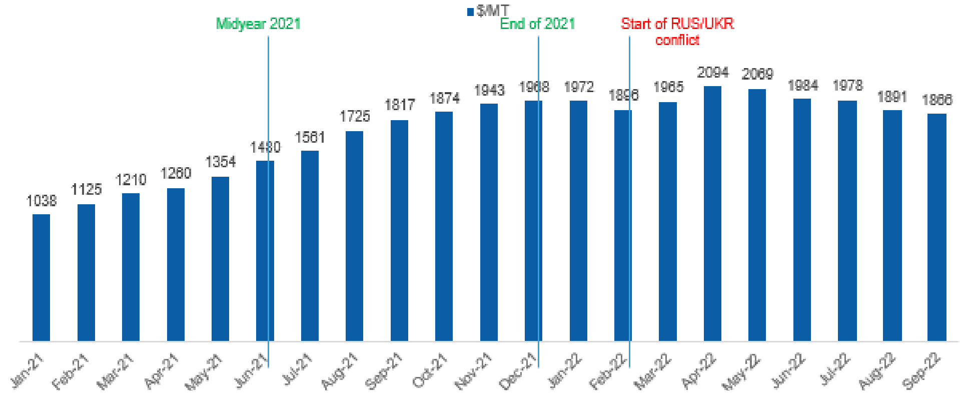
Adjusted non-diluted EPS Bridge Q3 2021 to Q3 2022

Chart’s Differentiation

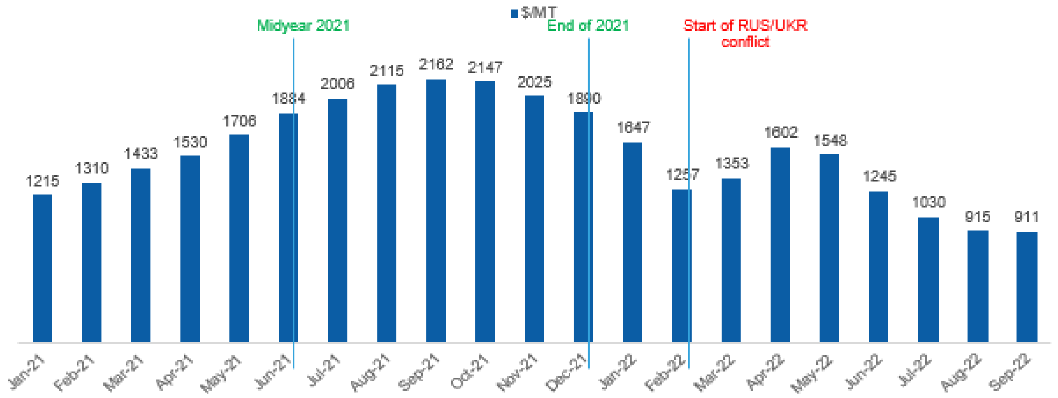
Industry Input Costs

LME Aluminum

US - Carbon Steel – Hot Rolled Plate

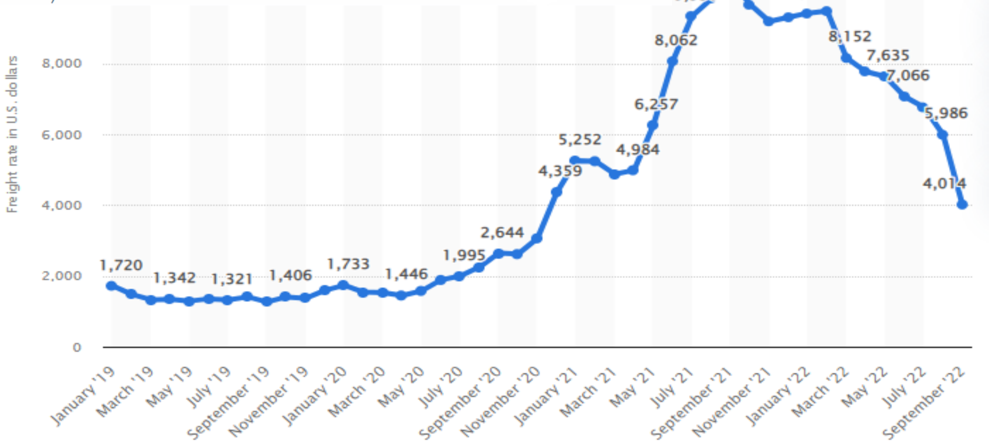


US - Carbon Steel – Hot Rolled Coil



Global container freight rate index from January 2019 to September 2022

(in U.S. dollars)



Continued Actions Taken by Chart Team in Q3 2022

A **Pricing**
- Specific long-term agreement index price adjustments occurred
- Surcharges remain in place
- Continued with updated three-prong pricing (project, LTA, standard)

B **Cost Control**
- Productivity and continuous improvement projects
- One Chart flexible manufacturing strategy
- Adjusting cost structure based on demand trends (i.e. HLNG)

C **Partnerships with Focus**
- Eight MOUs signed with 2 having Master Services Agreements ("MSA")
- Focus on core expertise and work with suppliers on sourcing (pump)

D **Building on Specific Differentiators**
- Leading certifications globally
- Proactively organically expanding capacity
- Getting sticky with customers via First-of-a-Kind orders

Q3 2022 Differentiation in Action

MOUs/Partnerships = 8

Category	Ptnr	MSA
CCUS / CO2	4	1
Hydrogen	2	
LNG	1	1
Liquefaction	1	

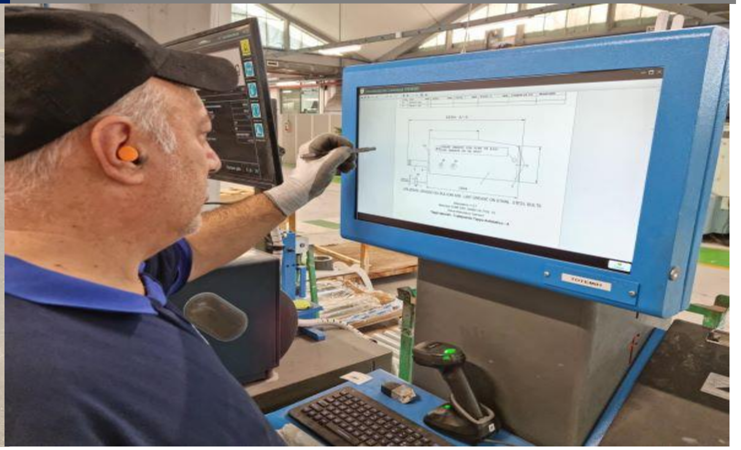
Certifications

- Australian approval CarboMax 100HP
- Korean (KGS) approval ES-534 for bulk and transport manufacturing in Theodore, Alabama
- Canadian Registration Numbers for:
  - Vaporman 125
  - Megacyl
  - HSH 17500
  - H2 liquefaction project
  - Earthly Labs (Quebec)
  - All products in our 5500MP and 5000VHP offering (liquid storage solutions for a range of needs from hospital oxygen supply to laser cutters)
- National Board R approval for McCarran, Nevada repair facility
- New Zealand approval for DuraCyl 230LP

FOAK / New Customer Examples

- **SES feasibility study with bio-based ingredients**
- **New customer for ISO containers in the Middle East**
- **Cryogenic tank for space engine run testing**
- **SES study for Fluxys**

Organic Automation & Productivity Activities

Ornago, Italy Automated Perliting System	Changzhou, China Welding Machine Integration	New Iberia, LA (USA) Remote Laser Guided Welding
		
Richburg, SC (RSL) East Liquid Cylinder Repair Line	**Tulsa, Oklahoma (USA) VIP Bellows Machine**	**Beasley, Texas Order to Mfg Paper Free**
		

Brazed Aluminum Heat Exchanger Line
Tulsa, Oklahoma USA

- Fin presses, saws, machining equipment are operational
- Fin, bar washers, sheet handling system, drying oven installed
- Furnace delivered and in place
- Planned start of validation core November 2022
- Will utilize post braze production in Q4 2022

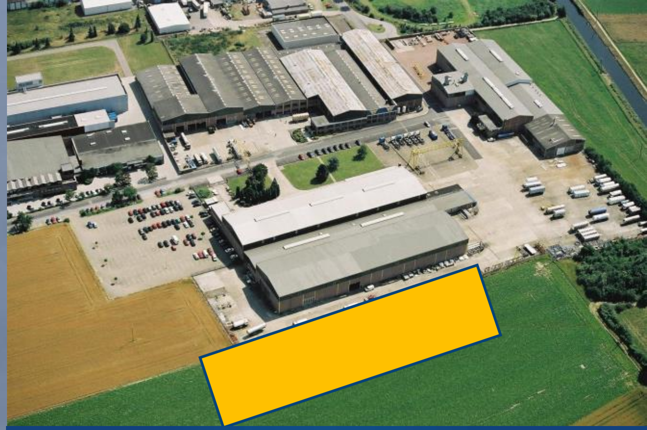
Supersize and Jumbo Tank Expansion – Alabama (USA)

QUICK FACTS

- 51 Acre Site
- (5) Buildings
- Barge Slip
- Rail Spur

[Interactive Map – Mobile County Revenue Commission (mobilecopropertytax.com)]

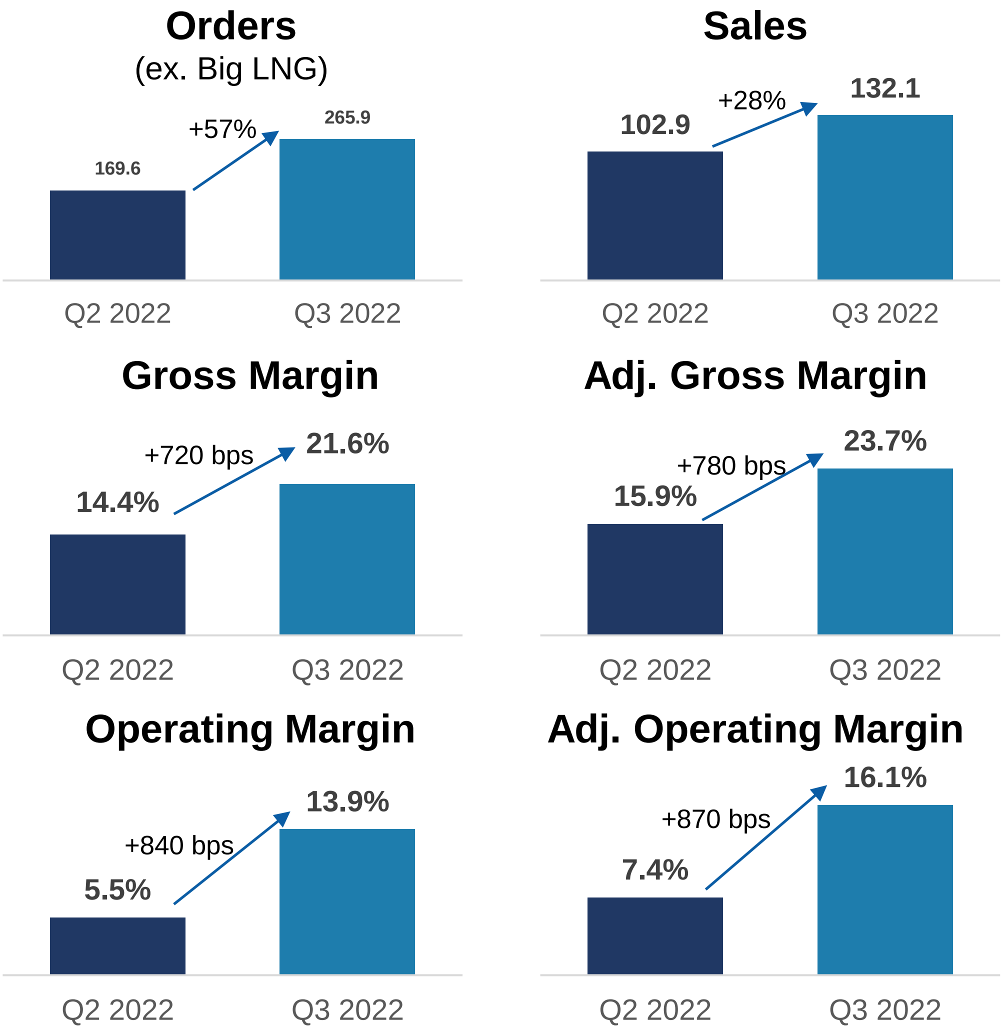
GOFA Trailer Facility Expansion
Goch, Germany



- **Groundwork started Q3/2022**
- **Production start at beginning of Q4 2023**
- **ESG point: Heat pump with low energy consumption & highly insulated building**
- **ESG point: Planting numerous trees to lower our CO2 emissions**

Q3 2022 Segment Information

Heat Transfer Systems



Q3 2022:

- Record backlog, operating income and operating margin for the segment
- Record sales in BAHX, systems and VRV
- 27 individual orders each over $1 million
- Big LNG: booked $91.8 million Venture Global Plaquemines 2 remaining cold box systems with FNTP in Q3 2022 and Cheniere's Corpus Christi Stage Three $300 million in Q2 2022

Outlook:

- Increasing air-cooled heat exchanger margin continues
- Production begins in Q4 2022 expected in our expanded New Iberia, LA rooftop
- Large cash milestone payment receipts scheduled for Q4 2022
- Anticipate more Big LNG releases in the next 12 months

Increasing LNG Opportunities for GTLS – The Numbers

			Pre Feb 24, 2022 GTLS	April 29, 2022 GTLS	July 29, 2022 GTLS	October 28, 2022 GTLS
BigLNG ***(greater than 5 MTPA)***	1	• Number of reasonably possible projects to move to order stage in next 3 years	10	22	24 *(excludes what is in backlog)*	*24 (excludes what is in backlog); +1 from last update*
	2	• Number of international projects contemplating using IPSMR®	1	2	3	4
	3	• GTLS Associated Order Potential $ *Not Yet Booked and including expanded scope / retrofit opps*	$1.25 billion	$4.55 billion	$5.35 billion	$5.68 billion *(excludes what is in backlog)*
	4	• GTLS Order $ Booked Year-to-Date 2022	$0	$228.4 million	$528.9 million	$620.7 million

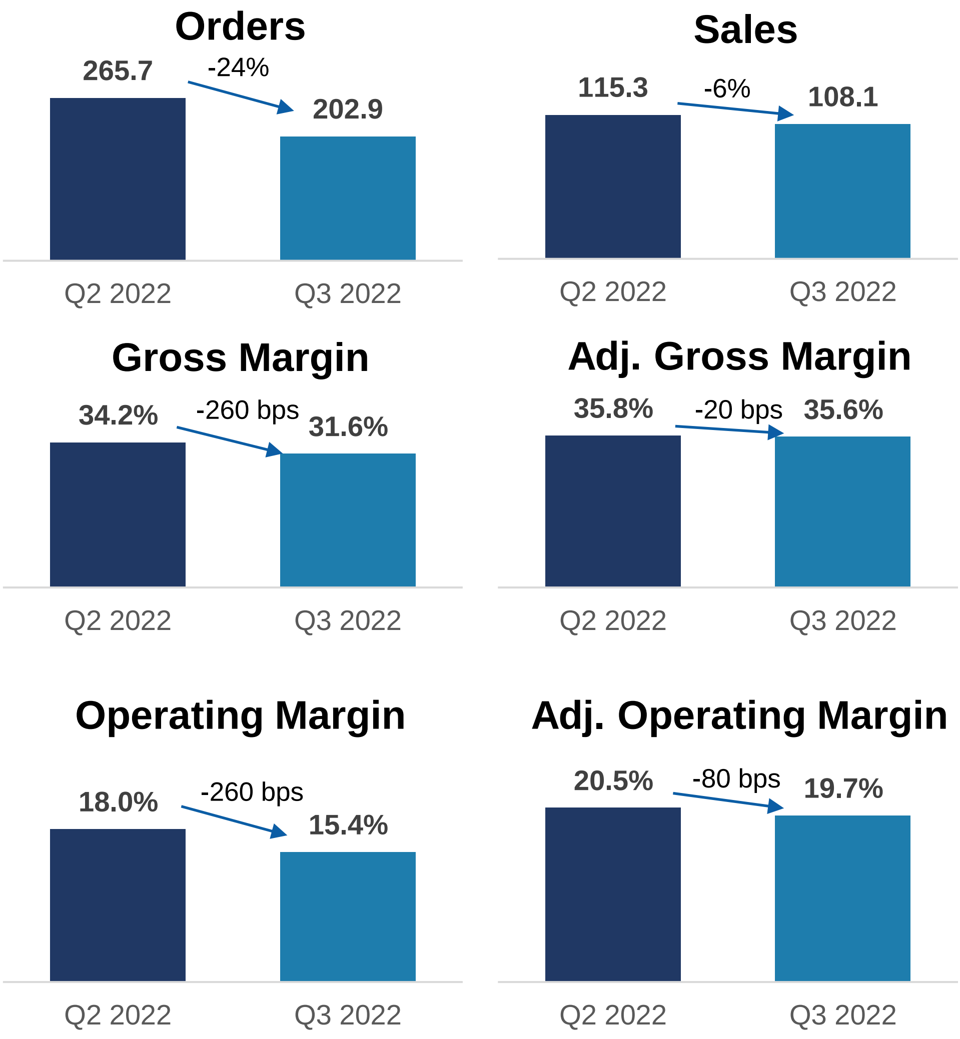
ssLNG ***(5 MTPA and smaller)***	5	• Number of reasonable possible projects to move to order stage in next three years	205	233	276	318
	6	• Number of Floating LNG projects in bid pipeline	13	26	27	27 (excludes what is in backlog)
	7	• GTLS Order $ Booked Year-to-Date 2022	0	$38.3 million	$138 million	$313 million

Market Move to Modular and/or Mid-Scale Liquefaction & Our IPSMR® Process Technology

- **Benefits of IPSMR® include:**
  - Saves power cost or increases LNG production for a given gas turbine power available
  - Uses BAHX which are compact with significantly lower cold box heights for less expensive installation
  - BAHX cold boxes are designed with the cold end of the heat exchanger down; can easily and quickly be restarted
  - Typically uses significantly less air cooler space than other technologies
  - Reduces construction cost, plot space required and is particularly beneficial for FLNG with air cooling
  - Train sizes are easily matched to drivers, allowing for standard pipe, fitting, valve sizes without custom designs
  - Multiple trains matched to the driver power increases total plant availability
  - Designed for modular production, investment, construction and startup
  - Can be staged with first trains producing LNG product before total plant production is realized
  - ISPMR® modules can be smaller and easier to construct, transport, etc.

- **Benefits of Chart's Heavy Hydrocarbon Removal Unit (HHC)**
  - Designed to maximize LNG BTU content while effectively removing freezing components from the feed gas.
  - Maximizes pressure to the liquefaction system which reduces power consumption or increases LNG production
  - We supply nitrogen rejection technology (NRU) for feed gas compositions with excess nitrogen
  - Can either retrofit existing facilities or design into the plant at the start

Specialty Products



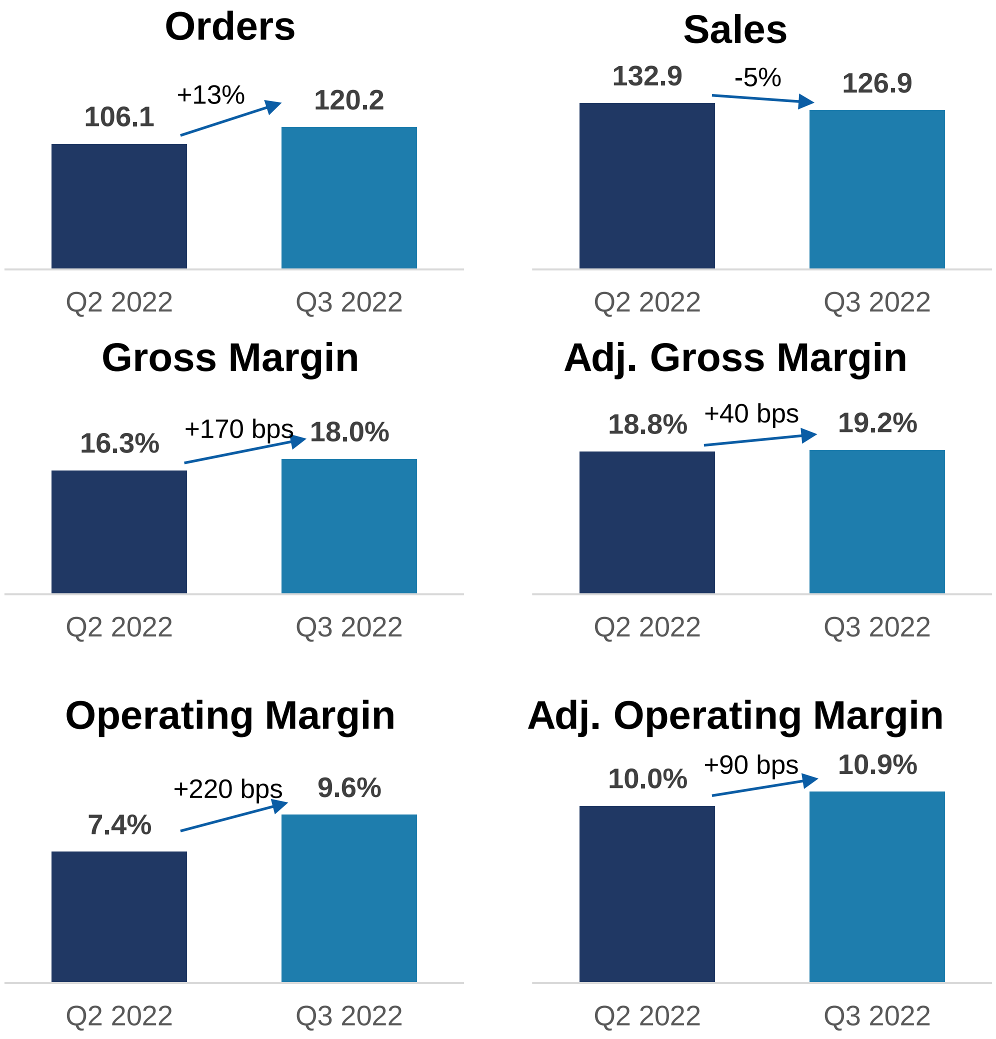
Q3 2022:

- Sequential decline in orders driven by one hydrogen liquefaction order in Q3 vs. multiple liquefiers in Q2 2022
- Sales sequential decline driven by HLNG vehicle tank continued softness ($4M sales decline sequentially) and timing of specific project revenue recognition (moved to Q4 2022)
- Record YTD orders and September 30, 2022 backlog even with low HLNG YTD orders
- 18 orders greater than $1 million each; 8 each greater than $5M
- Gross margin and operating margin sequential declines driven by lower HLNG volume, large freight revenue for international tank shipment, and margin mix with specific project timing changes

Outlook:

- Sequential increases in sales, gross margin and operating income (and Opinc as a percent of sales) anticipated in Q4 2022 driven by project mix
- Water treatment operations coming in-house is expected to result in sequential increase in Q4 2022 sales
- Specific space and hydrogen project revenue to be recognized in Q4 2022 (timing from Q3)
- Expect CCUS, water and hydrogen to benefit from IRA

Cryo Tank Solutions



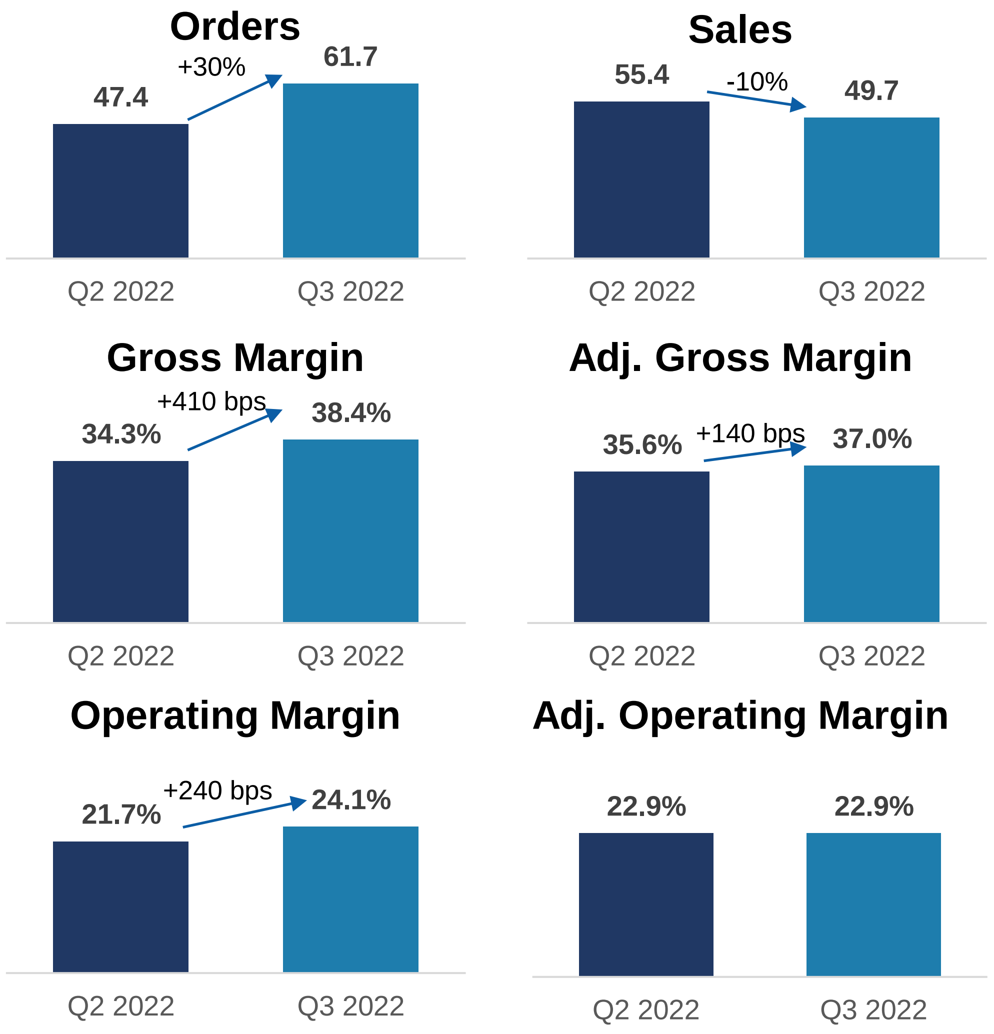
Q3 2022:

- Sequential sales decline from Q2 2022 driven by the pull-in of shipping lower margin backlog to Q2 2022, EMEA holiday summer period as well as foreign exchange impacts (USD/Euro and USD/INR)
- $21 million in traditional railcar orders from 2 customers
- Record 226 ISO containers ordered in the quarter, with one European customer purchasing 100 units
- Record sales in our SriCity, India facility
- Q3 2022 our first sequential gross margin as a percent of sales improvement in a year

Outlook:

- Anticipate continued gross margin improvement sequentially in Q4 2022
- Industrial gas major customers expecting to have 4%+ growth in 2023
- ISO container demand in October continued similar to Q2 2022

Repair, Service & Leasing



Q3 2022:

- Record orders, gross profit, operating income
- L.A.Turbine record aftermarket sales
- Sales sequential decline was driven by timing of international field service work in Q3 that moved to Q4 2022 due to visa requirements and a large fan aftermarket sale in Q2 2022

Outlook:

- Anticipate a strong fourth quarter 2022 with winter temperature changes yielding more field service work
- Expect to see an uptick in leases for trailers in the EU
- Strong order start to Q4 2022 with further fast turn work anticipated later in Q4 2022 and into Q1 2023
- Anticipate Q4 2022 additional sales from liquid cylinder repairs
- Repair and refurbishment work from long-term agreement customers is increasing

2022 Outlook and Preliminary 2023 Outlook

Full Year 2022 Outlook

Revenue	**Non-Diluted Adj. EPS**	**Capital Expenditures**	**Adjusted Free Cash Flow**
$1.65 billion to $1.70 billion due to currency headwinds and revenue timing on specific Specialty Products projects	*$5.00 to $5.25 Assumes 17% ETR 35.87M shares outstanding*	*Approximately $62 to $67 million*	*Approximately $175 million*

Prior Guidance:

$1.725 billion to $1.80 billion	*$5.20 to $5.60 Assumes 20% ETR 35.86M shares outstanding*	*Approximately $55 to $60 million*	*Approximately $175 to $225 million*

Full Year 2023 Preliminary Outlook

Revenue

$2.10 to $2.20 billion

Non-Diluted Adj. EPS

$7.50 to $8.50
Assumes 19% ETR and 35.87M shares outstanding

Capital Expenditures

Approximately $60 to $65 million

Adjusted Free Cash Flow

Approximately $250 to $300 million

#	Description	$ millions
1	2023 Shippable Backlog as of 9/30/2022	$1,230 to 1,300
2	Repair, service, leasing book & bill business (not backlog)	220 to 225
3	Book & Ship drop-in standard product businesses	650 to 675
4	**Initial revenue outlook range 2023**	**$2,100 to $2,200**
5	Potential for one mid-size project between now and end of Q1 2023 with associated revenue into 2H 2023 (not included in the range)	~50-75
6	**Potential scenario with additional mi-size project into backlog**	**$2,150 to $2,275**

Giving Back and Making a Difference

Women's Business Collaborative Company of Purpose

Finalists in the 2022 S&P Global Energy Awards

Platts Global Energy Awards

Finalist

Energy Transition - LNG

- Recognizes a company for operational excellence, exemplary corporate innovation, leadership, and company performance in liquefied natural gas (LNG)

Deal of the Year – Strategic

- Recognizes a deal that creates combined strengths, better optimizations, and profitability
- Considers strategic elements of our Chart, Cryo Technologies, and Fronti combination

Chief Executive of the Year - Trailblazer

- Recognizes an individual, or a CEO of a small-mid cap company, who has consistently demonstrated clarity of vision, judgment, and motivational skills that transform and empower their organization

Thank You to Our Welding Council Team Members!

John Daubert
Welding Council Lead; Executive Program Leader

Canton, GA

Azeez Apena
Welding Engineer

Beasley, TX

Greg Larson
Weld Engineering Leader

La Crosse, WI

Travis Lerohl
Non-Destructive Test Manager/Trainer

New Prague, MN

Jake Saunders
Weld Engineer Manager

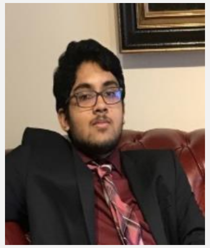
New Iberia, LA

Scott Ferch
Quality Systems Engineer

New Prague, MN

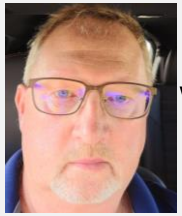
Kenni Franklin
Technical Trainer

New Prague, MN



Parth Patel
WE Intern

Beasley, TX



Rob Horton
Welding Engineer

New Prague, MN

Xiaolong Li
Welding Engineer

Changzhou, CN

Alice Gong
HR Director, China

Changzhou, CN

Peter Sheng
NDE Technology Manager

Changzhou, CN

Julie Baker
HR Manager

Theodore, AL

Kimbre Fleck
Welding Engineer

Beasley, TX

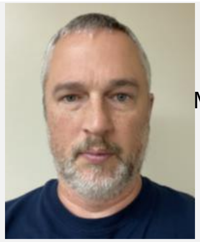
Jane Wu
Welding Engineer

Changzhou, CN

Glen Swanson
Quality Manager
New Prague, MN

Allen Orsak
Production Planner HPC

Beasley, TX



Michael James
Manufacturing Weld Engineering Tech

Canton, GA

Francesco Scaramellini
Welding Engineer

Ornago, IT

Jared Haacke
Welding Engineer

Tulsa, OK

Appendix

Near-Term and 2030 Specialty Products TAM Build

	Category	Changes to Near-Term TAM	Changes to 2030 TAM
1	**Hydrogen & Helium**	• Run rate of order activity demonstrating additional, sooner project movement • Global acceptance of liquid hydrogen involvement • U.S. IRA • More transports, fueling stations and tanks sooner than originally expected	• H2 Council report, total investment needed by 2030 is $700 billion • Broader geographic and faster than originally anticipated movement to liquid hydrogen in regions such as S. Korea, Canada and applications such as heavy-duty trucks, trains • Increase in marine market applications, and also with import/export terminals to enable a global LH2 supply chain and market.
2	**Carbon Capture**	• U.S. IRA • Increase in size of intended large scale industrial plants	• IRA: previously to qualify for 45Q tax credits projects had to be started by 2025 and that has now extended to 2033
3	**Water Treatment**	• India further supported by treatment facilities projections for a handful of provinces in Q1 2023 • Increase in average size of our projects won in YTD 2022 • Larger average sizes of water treatment orders with full contaminant treatment offering • U.S. IRA • We are now established in Brazil with Sao Paulo project	• Brazil: municipal sector is privatizing to achieve government objectives for universal access to water and sanitation by 2033; High growth backed by legislative mandate ; $140B total infrastructure spend expected between now and 2030 • Traction with Indian government (2 wins already)
4	**Molecules By Rail**	• N/A	• Further utilization of rail for a variety of molecules including utilizing our onboard storage tanks • Hydrogen using our HLH2 tanks for rail is a growing area of inbound interest
5	**Space**	• N/A	• Heightened US / China competition in the Space domain is increasing TAM • Teddy 2 expansion increases our ability to go after a larger share of the TAM (sizes)

Third Quarter 2022 Adjustments

$ millions, except per share amounts *Continuing Operations*	Q3 2022, Reported	Adjustments	Q3 2022, Adjusted
Sales	$412.1	-	$412.1
Cost of sales	307.5	(8.0)	299.5
Gross profit	104.6	8.0	112.6
Selling, general, and administrative expenses	52.3	(2.2)	50.1
Amortization expense	10.6	-	10.6
Operating expenses	62.9	(2.2)	60.7
Operating income	41.7	10.1	51.8
Non Operating Expense (income)	0.3	(1.3)	
Income before equity in (loss) earnings of unconsolidated affiliates, net	41.4	11.4	52.8
Equity in (loss) earnings of unconsolidated affiliates, net	0.2	-	0.2
Net income	41.6	11.4	53.0
Less: Income attributable to noncontrolling interests, net of taxes	0.4	-	0.4
Net income attributable to Chart Industries, Inc.	**$41.2**	**$11.4**	**$52.6**

(1) "Adjustments" and "Q2 2022, Adjusted" are not measures of financial performance under U.S. GAAP and should not be considered as an alternative to net income in accordance with U.S. GAAP. Management believes that these adjustments facilitate useful period-to-period comparisons of our financial results, and this information is used by us in evaluating our internal performance.

Addback Specifics by Category (Q2 2022/Q3 2022)

	Category	Q2 2022 Addback Items Net of Tax	Q2 2022 $M	Q2 2022 Addback Items Net of Tax	Q3 2022 $M
1	Restructuring and Severance	• Severance / restructuring costs • Completion of Tulsa ACHX consolidation to Texas • Completion of SriCity, India expansion	3.6	• Severance and other associated fees with restructuring headcount • Accrual release (reduces addbacks) net of qtr costs to close RSL restructuring to completion	3.2
2	Deal-related & integration costs	• Pre-closing / acquisition DD costs • Integration costs (year 1 only) • Legal costs for the one specific pre-closing liability from cryobio divestiture • Doesn't include any amortization addback	4.2	• Pre-closing / acquisition DD costs • Integration costs (year 1 only) • Earnout release net of assoc. costs • Legal costs for the one specific pre-closing liability from cryobio divestiture • Completed AdEdge and LAT year one integrations • We do not addback amortization	6.5
3	Organic startup costs	• Startup costs for Teddy expansion • Startup costs for Tulsa, OK flex mfg • Training costs on new product lines	2.7	• Startup costs for BAHX Tulsa line • Startup costs for Germany trailers • Startup costs for vaporizer line • Training costs on new product lines	3.0
4	MTM of investments net of FX	• MTM of investments in McPhy and Stabilis and unconsolidated affiliates, HTEC and Cryomotive, • We do not addback FX impact	8.0	• MTM of investments in McPhy and Stabilis and unconsolidated affiliates, HTEC and Cryomotive, • We do not addback negative FX impact	(0.5)

Segment Sales and Operating Margin Information

Sales ($M, except %)	**Q3 '22**	**Q2 '22**	**% Chg PQ**	**Q3 '21**	**% Chg PY**
Specialty Products	108.1	115.3	-6.2%	116.9	-7.5%
Cryo Tank Solutions	126.9	132.9	-4.5%	112.2	13.1%
Repair, Service, Leasing	49.7	55.4	-10.3%	46.3	7.3%
Heat Transfer Systems	132.1	102.9	28.4%	56.4	134.2%

Reported Op Income *($M, except %)*	**Q3 '22**	**Q2 '22**	**% Chg PQ**	**Q3 '21**	**% Chg PY**
Specialty Products	16.7	20.8	-19.7%	26.4	-36.7%
Cryo Tank Solutions	12.2	9.9	23.2%	13.0	-6.2%
Repair, Service, Leasing	12.0	12.0	0.0%	2.2	445.5%
Heat Transfer Systems	18.3	5.7	221.1%	-10.0	n.a.

Adjusted Op Income *($M, except %)*	**Q3 '22**	**Q2 '22**	**% Chg PQ**	**Q3 '21**	**% Chg PY**
Specialty Products	21.3	23.6	-9.7%	29.4	-27.6%
Cryo Tank Solutions	13.8	13.3	3.8%	16.3	-15.3%
Repair, Service, Leasing	11.4	12.7	-10.2%	6.2	83.9%
Heat Transfer Systems	21.3	7.6	180.3%	-7.5	n.a.

Adjusted Op Margin *($M, except %)*	**Q3 '22**	**Q2 '22**	**Bps Chg PQ**	**Q3 '21**	**Bps Chg PY**
Specialty Products	19.7%	20.5%	-80 bps	25.1%	-540 bps
Cryo Tank Solutions	10.9%	10.0%	90 bps	14.5%	-360 bps
Repair, Service, Leasing	22.9%	22.9%	0 bps	13.4%	950 bps
Heat Transfer Systems	16.1%	7.4%	870 bps	-13.3%	2940 bps

(1) Adjusted Operating Margin % is a non-GAAP measure. Please see reconciliation table at the end of the accompanying earnings release for a reconciliation to the relevant GAAP measure.

Segment Sales and Gross Margin Information

Sales ($M, except %)	Q3 '22	Q2 '22	% Chg PQ	Q3 '21	% Chg PY
Specialty Products	108.1	115.3	-6.2%	116.9	-7.5%
Cryo Tank Solutions	126.9	132.9	-4.5%	112.2	13.1%
Repair, Service, Leasing	49.7	55.4	-10.3%	46.3	7.3%
Heat Transfer Systems	132.1	102.9	28.4%	56.4	134.2%

Reported GM % ($M, except %)	Q3 '22	Q2 '22	% Chg PQ	Q3 '21	% Chg PY
Specialty Products	31.6%	34.2%	-260 bps	34.8%	-320 bps
Cryo Tank Solutions	18.0%	16.3%	170 bps	20.1%	-210 bps
Repair, Service, Leasing	38.4%	34.3%	410 bps	20.3%	1810 bps
Heat Transfer Systems	21.6%	14.4%	720 bps	3.9%	1770 bps

Adjusted GM % ($M, except %)	Q3 '22	Q2 '22	Bps Chg PQ	Q3 '21	Bps Chg PY
Specialty Products	35.6%	35.8%	-20 bps	37.1%	-150 bps
Cryo Tank Solutions	19.2%	18.8%	40 bps	22.9%	-370 bps
Repair, Service, Leasing	37.0%	35.6%	140 bps	28.7%	830 bps
Heat Transfer Systems	23.7%	15.9%	780 bps	8.0%	1570 bps

(1) Adjusted Gross Margin % is a non-GAAP measure. Please see reconciliation table at the end of the accompanying earnings release for a reconciliation to the relevant GAAP measure.

Third Quarter 2022 Free Cash Flow

$ millions, except per share amounts Consolidated	Q3 2022	Q3 2021	Change v. PY	YTD 2022	YTD 2021	Change v. PY
Net income, adjusted (1)	$45	$7	$38	$85	$56	$29
Depreciation and amortization	$20	$20	$0	$62	$60	$2
Accounts receivable	($1)	($13)	$12	($46)	($32)	($14)
Inventory	($2)	($30)	$28	($58)	($95)	$37
Unbilled contract revenues and other assets	($11)	($37)	$26	($69)	($74)	$5
Accounts payable and other liabilities	($10)	$6	($16)	$17	$1	$16
Customer advances and billings in excess of contract revenue	($4)	$34	($38)	$59	$43	$16
Net Cash Provided By Operating Activities	**$37**	**($13)**	**$50**	**$50**	**($41)**	**$91**
Capital expenditures	($18)	($10)	($8)	($48)	($37)	($11)
Free Cash Flow (2)	**$19**	**($23)**	**$42**	**$2**	**($78)**	**$80**
Adjustments						
Divestiture related tax payments	$0	$0	$0	$0	$21	($21)
Non-recurring costs	$13	$15	($2)	$43	$33	$10
Add back inventory for strategic build	$2	$36	($34)	$21	$79	($58)
Acquisition escrow release	$2	$0	$2	$2	$0	$2
Adjusted Free Cash Flow (2)	**$36**	**$28**	**$8**	**$68**	**$55**	**$13**

(1) "Net income, adjusted" is not a measure of financial performance under U.S. GAAP and should not be considered as an alternative to net income in accordance with U.S. GAAP. Reconciliation to Net Income (U.S. GAAP) is provided in accompanying press release financial tables.

(2) "Free Cash Flow" and "Adjusted Free Cash Flow" are not measures of financial performance under U.S. GAAP and should not be considered as an alternative to net cash provided by (used in) operating activities in accordance with U.S. GAAP. The Company believes this figure is of interest to investors and facilitates useful period-to period comparisons of the Company's operating results.

Third Quarter 2022 Adjusted EBITDA

$ millions, except per share amounts Consolidated	Q3 2022	Q3 2021	Change v. PY	YTD 2022	YTD 2021	Change v. PY
Net income from continuing operations	$41.6	$15.6	$26.0	$65.2	$48.5	$16.7
Income tax expense, net	(1.6)	5.5	(7.1)	4.0	9.9	(5.9)
Interest expense, net	6.4	3.2	3.2	15.4	7.4	8.0
Depreciation and amortization	20.2	20.5	(0.3)	62.4	59.8	2.6
EBITDA (1)	**$66.6**	**$44.8**	**$21.8**	**$147.0**	**$125.6**	**$21.4**
Non-recurring costs	9.1	3.2	5.9	43.5	31.8	11.7
Share-based compensation	2.3	2.3	0.0	7.9	8.1	(0.2)
Adjusted EBITDA (1)	**$78.0**	**$50.3**	**$27.7**	**$198.4**	**$165.5**	**$32.9**

(1) "EBITDA" and "Adjusted EBITDA" are not measures of financial performance under U.S. GAAP and should not be considered as an alternative to net income in accordance with U.S. GAAP. Management believes that EBITDA and Adjusted EBITDA facilitate useful period-to-period comparisons of our financial results, and this information is used by us in evaluating our internal performance.