

Southeast Asia

Singapore

Coverage: Singapore Ports

Services: Repair, Retrofit and Provision of Riding Crew

Union Alloy Pte Ltd

PIC: Melvin Lim

Tel: +65 67415133

Mobile: +65 9690 0001

Email: melvinlim@unionalloy.com.sg

Pasir Gudang, Malaysia

Coverage: West and East Malaysia in Port Areas and Offshore Malaysia

Services: Repair, Retrofit and Site Survey

ASAS Gruppen

PIC: Badaruddin b. Abu Kassim

Tel: +60 3 9108 1302/1404/1405

Mobile: +60 12 616 9407

Email: badar@asasgrupp.com.my

Jakarta, Indonesia

Coverage: All Indonesian Ports and Offshore Indonesia

Services: Repair, Retrofit and Site Survey

PT Flowtec

PIC: Luanna Kurniawan.Mrs

Tel: +62 21 2936 5186

Mobile: +62 88 211730917

Email: luanna@ptflowtech.com

Thailand

Coverage: All Thai Ports and Offshore Thailand

Services: Repair, Retrofit and Site Survey

CAE Offshore Service Limited

PIC: Suphat Namkaew

Tel: +66 038 605590

Mobile: +66 086 1099787

Email: suphatn@caeasia.com

Vietnam

Coverage: Vietnam and Offshore Vietnam

Services: Repair, Retrofit and Revamp

South West Industries Co. Ltd

PIC: Le Viet Nga

Tel: +84 64 3 532 620

Mobile: +84 903 710535

Email: nga.leviet@southwest.com.vn

China

Shanghai / Jiangsu

Coverage: Shanghai / Jiangsu Areas

Ports: Shanghai, Nantong, Zhangjiagang, Jiangyin, Taizhou, Wenzhou

Services: Repair, Retrofit, Revamp, Inspection and Reporting

Shanghai Yourui Industrial Co., Limited

PIC: Fred Ye

Tel: +86 21 5888 6119

Mobile: +86 138 0175 8266

Email: fred_ye@haicangee.com

Dalian

Coverage: North East China

Port: Dalian

Services: Repair, Retrofit, Revamp, Inspection and Reporting

North Star Marine Equipment Limited

PIC: Frank Gao

Tel: +86 411 8450 7342

Mobile: +86 139 4110 8052

Email: haicangdalian@126.com

Shandong / Tianjin / Hebei

Coverage: Shandong / Tianjin / Hebei provinces

Ports: Yantai, Qingdao, Qinhuangdao, Tianjin, Weihai

Services: Repair, Retrofit, Revamp, Inspection and Reporting

Sunbell Offshore Engineering (Yantai) Co., Ltd.

PIC: Leon Li

Tel: +86 535 6383 889

Mobile: +86 139 1168 8249

Email: xin.xue@sunbellchina.com

Shandong / Hebei

Coverage: Shandong / Hebei area

Ports: Qingdao, Qinhuangdao

Services: Repair, Retrofit, Revamp, Inspection and Reporting

Richar Technology Development Co., Ltd

PIC: Merlin Qi

Tel: +86 138 0495 2716

Email: merlin.qi@richar-tech.com

Guangdong / Guangxi / Fujian

Coverage: Southern China Area

Ports: Guangzhou, Shenzhen, Xiamen, Fuzhou, Beihai

Services: Repair, Retrofit, Revamp, Inspection and Reporting

Guangzhou Aohan Marine Co., Ltd.

PIC: Le Hui

Tel.: +86 20 8384 5150

Mobile: +86 139 2888 9801

Email: aohan_gz@126.com

China

Shanghai / Shenzhen / Dalian / Tianjin / Qingdao / Zhuhai

Coverage: Shanghai, Shenzhen, Dalian, Tianjin, Qingdao and Zhuhai

Services: Repair, Retrofit, Revamp, Inspection and Reporting Services

Federal International (Shanghai) Co. Ltd

PIC: Monica

Tel: +86 21 5235 8336

Email: monica@fedsh.com.cn

Zhejiang / Jiangsu

Coverage: Ningbo / Zhoushan / Nantong ports

Services: Repair, Retrofit, Revamp, Inspection and Reporting Services

Richrock Equipment & Engineering Company Limited

PIC: Sean Yang

Tel: +86 137 0177 8119

Email: sean.Yang@richrock.cn

Korea

Korea

Coverage: Korea / Korea Offshore

Services: Repair, Retrofit, Revamp, Inspection and Reporting

NOV CAPs KOREA Co. Ltd

PIC: Kim, Sung Kwon

Tel: +82 51 744 4937

Mobile: +82 10 8269 9775

Email: SungKwon.Kim@nov.com

Europe

Plymouth, United Kingdom

Coverage: UK Marine & Offshore

Services: Repair, Retrofit, Revamp, Inspection & Reporting, Engineering

Services and 3D Survey

Pipex Ltd, Plymouth, UK

PIC: Jack Cockerton

Tel: +44 (0)1752 581200

Mobile: +44 (0)7867 330640

Email: Jack.Cockerton@nov.com

Office Email: fg-gbr-pipexsales@nov.com

Website: <https://pipexltd.com/>

The Netherlands

Coverage: Benelux, France, Scandinavia and South Africa

Services: Repair, Retrofit, Revamp, Provision of Riding Crew and Site Survey

Damen Shiprepair Harbour & Voyage (listing below)

PIC: Ton van Tour

Tel: +31 6 51863072

Email: ton.van.tour@damen.com

Netherlands:

Damen Shiprepair Rotterdam, Damen Shiprepair Vlissingen, Damen Shiprepair Amsterdam, Damen Shiprepair Van Brink Rotterdam, Damen Shiprepair Harlingen, Damen Shiprepair Den Helder, Damen Shiprepair Oranjewerf, Damen Shiprepair Maaskant Stlendam

France:

Damen Shiprepair Brest
Damen Shiprepair Dunkerque

Sweden:

Damen Oskarshamnsvarvet

South Africa:

Damen Shipyards Cape Town

Sweden

Coverage: Scandinavia & Baltic Area

Services: Drydock Capacity, Repair, Retrofit, Revamp, Provision of Riding Crew, Inspection and Reporting Services

Oresund Drydocks AB

PIC: Anders Larsson

Tel: +46 705 431 567

Email: ala@oddab.eu

Cadiz, Spain

Coverage: Spain, Portugal and all Mediterranean Sea Ports

Services: Repair, Retrofit, Revamp, Inspection and Reporting, and Provision of Riding Crew

Pipespain S.L.

PIC: Carmelo Doello

Tel: +34 607 198 220

Mobile: +34 607 198 220

Email: carmelodoello@pipespain.es

Africa

West Africa

Coverage: West Africa, Offshore

Services: Repair, Retrofit, Revamp

Bell Oil & Gas Ltd.

PIC: Ebi Dike

Tel: +234 9020217036

Mobile: +234 8163638888

Email: edike@belloil.com

Australia

Australia

Coverage: Australia

Services: Repair, Retrofit, Revamp, Inspection and Reporting, and Provision of Riding Crew

Wenco Pty Ltd

PIC: Aravind Venkatesan

Tel: +61 (08) 9267 5502

Mobile: +61 (0)421 883 100

Email: aravind@wenco.com.au

India

Mumbai

Coverage: India

Services: Repair, Retrofit, Revamp

Pipetech Services Pvt. Ltd

PIC: Gagan Sahni

Tel: +91 22 32525095

Mobile: +91 98 20012297

Email: pipetech.services@gmail.com

Middle East

Doha

Coverage: Qatar

Services: Repair, Retrofit, Revamp, Provision of Riding Crew, Inspection and Reporting services

TRAGS Trading and Agency Services Ltd

PIC: A.K. Nayak

Tel: +974 4443 2212, 4443 2213

Mobile: +974 55 530 254

Email: nayak@tragsqatar.com / tragsdoh@qatar.net

Abu Dhabi

Coverage: United Arab Emirates (UAE)

Services: Repair, Retrofit, Revamp, Provision of Riding Crew, Inspection and Reporting services

Altabyss Technical Services LLC

PIC: Arnold Maas

Tel: + 971 2 555 45 13 / 666 01 37

Fax: +971 2 555 39 93

Mobile: +971 50 800 1417

Email: mail@altabyss.ae

North America / Central America

Canada

Coverage: East Coast, West Coast, Great Lake

Services: Repair, Retrofit, Revamp, Inspection and Reporting, Shop Spooling and Prefabrication

Fibreglass Solutions Inc.

PIC: Dave Harding

Tel: +1 800 410-4802 x109

Mobile: +1 519 532-1036

Email: dharding@frpsolutions.com

Trinidad and Tobago

Coverage: Trinidad, Tobago, Guyana

Services: Repair, Retrofit, Revamp, Inspection and Reporting

IAL Engineering Services LTD

PIC: Christian Uhre

Mobile: +1 868 299 6814

Email: cuhre@ims-trinidad.com

USA / Latin America

Coverage: Gulf of Mexico, Bahama's, East Coast USA, and Great Lakes USA

Services: Repair, Retrofit, Revamp, Inspection and Reporting, and provision of Riding Crew

DXPE

PIC: Oreste Rodriguez

Tel: +1 504 733 7100 (ext. 6027)

Mobile: +1 304 431 9531

Email: frp@dxpe.com

South America

Brazil

Coverage: Brazil

Services: GRE piping installation, repairs, retrofit, grating and handrail installation for MOS market

DN Industrial Equipamentos Ltda

PIC: Victor Lessa

Tel: +55 28 99912 7155

Email: Victor.Lessa@dnindustrial.com.br

Coverage: Brazil

Services: GRE piping installation, repairs, retrofit, grating and handrail installation for MOS market

Connecta Construções

PIC: Leoncio Rodrigues

Tel: +55 21 3518-4727

Mobile: +55 21 96902-4673

Email: leoncio@connectta.ind.br

United States, Canada, Trinidad, Suriname, Guyana

Tricia Hill

Office: 12239 FM 529, Houston, TX 77041

Mobile: +1 832 277 3831

Email address: Tricia.Hill@nov.com

Brazil

Gustavo Gamaliel Alves de Souza

Office: Avenida República do Chile, nº 500, 24º Andar, Centro, Rio de Janeiro/RJ, Brasil, CEP 20.031-170

Office Telephone: +55 21 35750600

Mobile: +55 31 984921295

Email address: Gustavo.Souza@nov.com

Europe, Russia, CIS, Africa

Jack Cockerton

Office: Pipex Ltd, Plymouth

United Kingdom

Office Telephone: +44 (0)1752 581200

Mobile: +44 (0)7867 330640

Email address: Jack.Cockerton@nov.com

Scandinavia and Baltics

Vidar Westergren

Office: narøyveien 36,1364

Fornebu, Norway

Mobile: +47 90 877 420

Email address: Vidar.Westergren@nov.com

West / South Africa

Paulinus Nsek

Office: 99 Rivoc Road, Trans-Amadi Industrial Layout

Port Harcourt, Nigeria

Office Telephone: +234 805 030 0980

Mobile: +234 803 338 2623

Email address: Paulinus.Nsek@nov.com

Middle East

Nabil Osman

Office: JAFZA South1 | Plot S10311

PO Box 61335 | Dubai

Office Telephone: +971 4 886 5660

Direct: +971 4 823 6993

Mobile: +971 56 5460 131

Email address: Nabil.Osman@nov.com

China

Carlson Li

Office: Room 1201, Building 10,

Lvzhou Center, Lane 1628

Jinshajiang Road, Putuo, Shanghai 200333

Office Telephone: +86 21 2216 8800

Mobile: +86 138 1611 2726

Email address: Carlson.Li@nov.com

SE Asia

Cheong Chi Keong

Office: 31 International Business Park,

#02-06 Creative Resource

Singapore 609921

Office Telephone: +65 6865 6825

Mobile: +65 9830 9605

Email address: Chikeong.Cheong@nov.com

Mexico

Oscar G. Arias

Office: Valle Angel #49,

Tlalnepantla, Edo. de México

C.P. 54063 Mexico

Mobile: +52 (55) 54 04 07 28

Email address: Oscar.AriasVillanueva@nov.com



NOV Fiber Glass Systems' Global Service Network Program is designed to provide owners and operators of Marine and Offshore ships and facilities with fast-response, comprehensive, professional repair and replacement services for Bondstrand™ piping systems.

Whether you are the operator of FPSOs, FSOs, FSRUs, FLNGs, Floating Platform (drilling and production units), Fixed Platform or the owner of commercial ships, this program will provide you the services you need.

WHAT

A unique Global Service Network Program.

WHEN

Within 48 hours of submitting your request.

WHERE

Around the world and across the globe... no matter where you are, we are there, too. Whether at sea or at port, we meet you when and where you need us most.

WHY

To provide an additional level of excellent service to our clients when needed most.

HOW

By partnering with the best in the industry and provide a fast response within 48hrs.

Go to www.nov.com/fgspipe/GSN for more information.



Once you've invested in Bondstrand™ fiberglass piping, you want to ensure an extended life for your system. It's been properly engineered, largely prefabricated in controlled conditions, delivered and installed with expert supervision, inspected, tested and now is properly operating. Now you may want further peace of mind that your system will continue to meet your needs for years to come. This service may be undertaken as part of an overall onboard preventive maintenance program.

Prior to inspection, Fiber Glass Systems may conduct interviews with relevant end-users to understand the operating conditions of the piping systems. Fiber Glass Systems will conduct visual inspections, and our ISO certified QA/QC inspectors will follow procedures according to the ISO training. The entire fiberglass piping system, including pipes, fittings, joints, supports, geometric distortion and potential local defects will be professionally inspected.

On completion of inspection, a comprehensive condition assessment report of your Bondstrand fiberglass piping system will be provided. The report will be reviewed and discussed with you, and any necessary mitigating actions will be recommended to ensure your Bondstrand fiberglass piping system is operating optimally and plant operations are not disrupted unnecessarily.



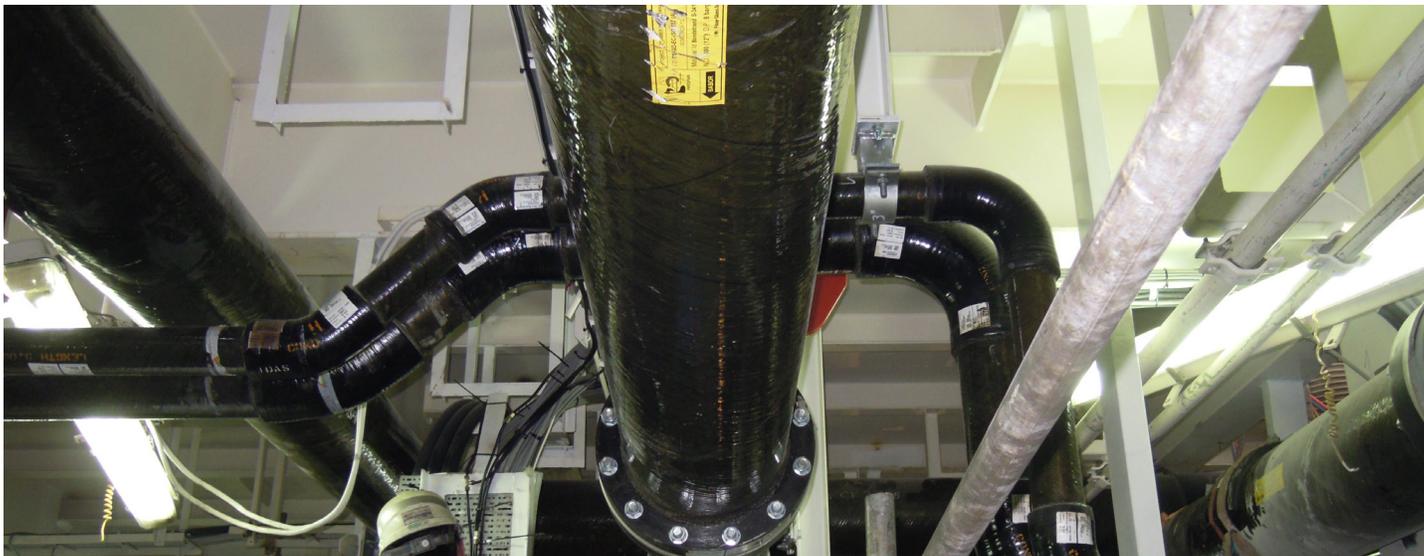
Go to www.nov.com/fgspipe/GSN for more information.



When you've made the decision to completely change out your system to Bondstrand™, we know you want the work done quickly and with minimum down time. We can undertake these projects in conjunction with platform or facilities upgrades while at a shipyard or in dry dock.

Our process when working on a revamp typically includes a discussion with the owner/project manager to determine the scope of work, as well as an inspection/survey of the existing system to ensure all needs are met. Once a project plan is created we will work with the owner/project manager to determine the best Fiber Glass Systems materials for the revamp and set a schedule for the project along with a work description. Once the work is completed, testing is done to ensure proper function of your new system to get your ship back in working order.

Go to www.nov.com/fgspipe/GSN for more information.



Corrosion of metallic piping is a well-known problem on board seagoing vessels and offshore units. Corrosion typically occurs when metal piping is part of the seawater system, as well as in systems used in water treatment or for cleaning and degreasing.

Whether you're changing out certain sections of an existing system or adding functionality such as anti-piracy piping, ballast water treatment piping, scrubber piping, etc. we can manage the work quickly whether in port or at sea.

Traditionally, corroded piping is replaced from time to time with new pipes made of the same material. This means the defect is repaired but the problem is not solved. Future replacement of the same pipe is only a matter of time.

Leaking seawater lines are a nuisance aboard ships...especially in the engine room. Seawater spraying or dripping from leaking pipes may also result in collateral damage to surrounding equipment and instruments.

For many shipowners and operators, the exchange of piping is regarded as part of the daily routine. The time it takes for corrosion problems to begin can be predicted based on experience and often is accepted as a fact of life, with systems being repaired and replaced frequently.

The question to ask is, Do you have to accept repeated pipe replacement due to corrosion problems in your seawater piping? The answer is: No. Corrosion problems can be eliminated with Bondstrand™.

Go to www.nov.com/fgspipe/GSN for more information.

SOLUTIONS

NOV Fiber Glass Systems offers the solution to your corrosion problems aboard ships and offshore units. Bondstrand GRE pipe systems have a number of significant advantages when compared to steel or other metallic piping.

Bondstrand GRE pipe systems are extremely resistant to corrosion from salt water and to a wide range of chemicals. Also, there is very little scaling or fouling that will occur, avoiding pressure loss. Bondstrand GRE pipe systems are easy to install, lightweight and require no "hot work." Bondstrand GRE pipe also can be designed to operate at temperatures up to 121C/250F.

Since 1957, Bondstrand GRE piping systems have been installed successfully and proven their performance on thousands of ships and offshore units all over the world.

The International Maritime Organization (IMO) recognizes the increasing interest to use materials other than steel for pipes on ships. In 1993, IMO developed guidelines (Res. A.753 [18]) to provide acceptance criteria for plastic materials in piping systems.

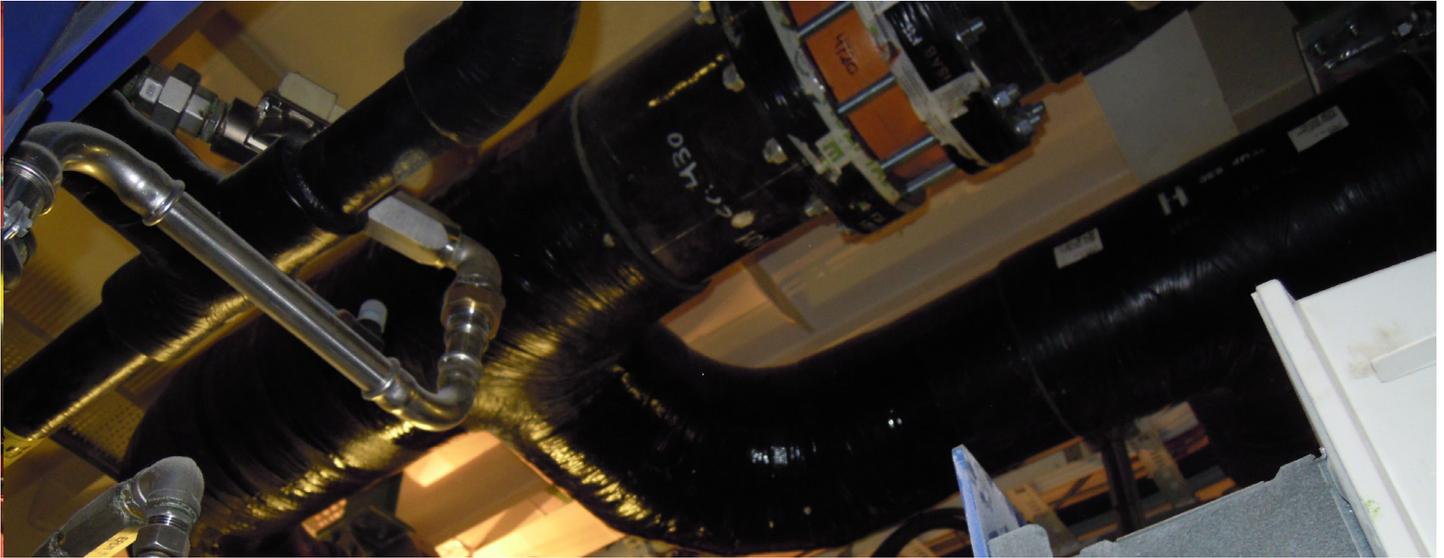
Major certifying bodies such as Lloyd's Register, Bureau Veritas, DNV-GL, American Bureau of Shipping, RINA, RMRS and others have adopted and implemented the IMO Guidelines in their respective Rules and Regulations for the Classification of Ships. Bondstrand GRE pipe systems that are used in the marine/offshore industry are Type Approved by all major certifying bodies.

Bondstrand GRE piping systems include easy-to-install standard filament wound fittings. When standard fittings cannot be used, laminated fittings and spools can be tailor-made to fit almost any system. Replacement can take place at sea during the voyage, at anchorage, during regular loading and discharge operations or during dry dock periods.

Go to www.nov.com/fgspipe/GSN for more information.

Wide Range of Applications:

- Air and equipment cooling water
- Ballast/segregated ballast
- Brine
- Chlorinated systems
- Crude oil washing
- Deck hot air drying (cargo tanks)
- Drainage/sanitary service/sewage
- Eductor systems
- Electrical conduit
- Exhaust piping
- Fire mains and sprinkler systems
- Fresh and salt water systems
- Inert gas effluent
- Main engine cooling
- Petroleum cargo lines (cargo tanks)
- Discharge lines
- Scrubbers
- Steam condensate
- Tank cleaning (salt water system)



Bondstrand™ fiberglass piping is manufactured using epoxy resin and glass fiber reinforcements. With proper design and installation of the system, this piping is designed to outlast the lifetime of the vessel and generally does not need maintenance. However, there are situations when unforeseen events occur or when you want to modify or upgrade your system. Your need for immediate repair can be handled by any of our qualified service partners.

Go to www.nov.com/fgspipe/GSN for more information.

Inspection and Reporting

Global Service Network



Revamp

Global Service Network



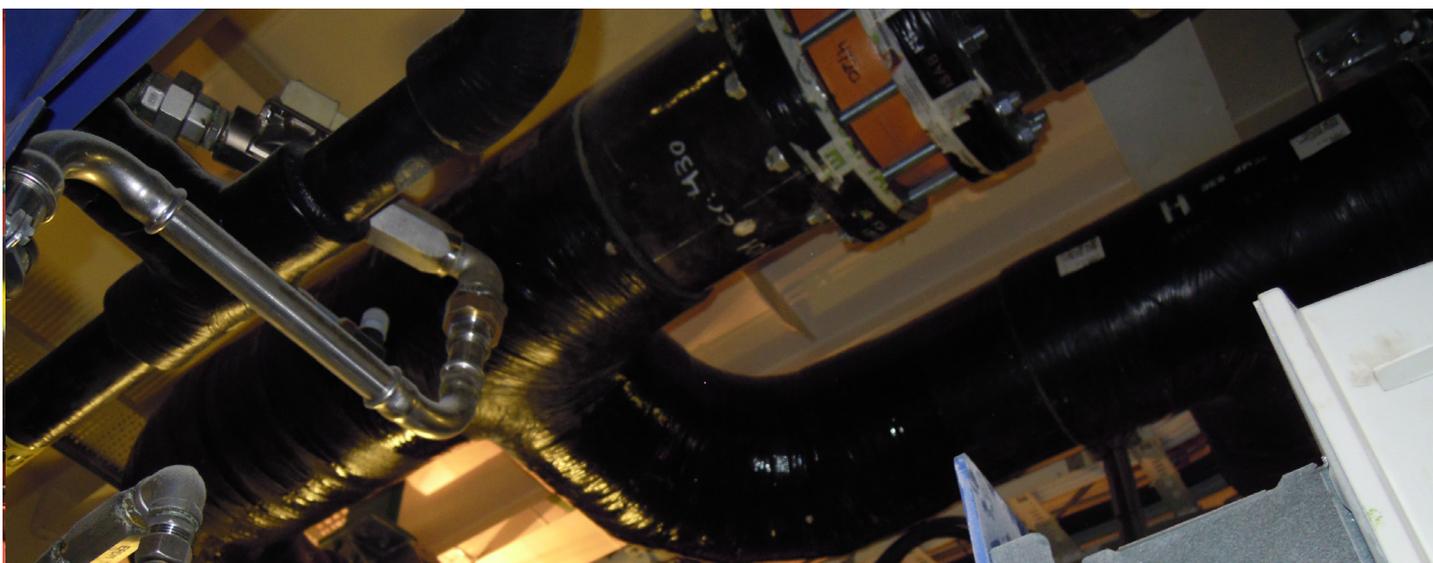
Retrofit

Global Service Network



Repair

Global Service Network



Bondstrand™ fiberglass piping is manufactured using epoxy resin and glass fiber reinforcements. With proper design and installation of the system, this piping is designed to outlast the lifetime of the vessel and generally does not need maintenance. However, there are situations when unforeseen events occur or when you want to modify or upgrade your system. Your need for immediate repair can be handled by any of our qualified service partners.

Go to www.nov.com/fgspipe/GSN for more information.