

An aerial photograph of a coastal shipyard and town. In the foreground, a large blue ship is docked at a pier. Behind it, a red offshore platform is being worked on. The shipyard is filled with various industrial buildings, cranes, and smaller boats. In the background, a coastal town is visible, followed by a green hill with a castle or fortress on top. The sea is a deep blue, and the sky is clear.

A&PTM

A&P GROUP DEFENCE

A TRACK RECORD OF SUCCESS

A&P GROUP

A&P has an enviable reputation of delivering first class marine support and fabrication services to the maritime, oil and gas, energy and defence sectors.

A&P Defence enables customers to benefit from our commercial expertise, agile delivery and collaborative approach. Our dedicated defence division draws upon A&P's skilled workforce which includes project management, specialist engineering capabilities, design services and specialist fabricators, as well as extensive well-equipped facilities across the UK.



RFA vessels in dock at A&P Falmouth

A&P Tyne and A&P Falmouth provide extensive ship repair and fabrication services to the Royal Navy, Royal Fleet Auxiliary, the Tier One supply chain and overseas Navies. Our dedicated In-Service Support team provides support to the Royal Fleet Auxiliary whilst they are in operational theatre across the globe. Our sister company, A&P Australia, provides support services to the Royal Australian Navy.

A&P has delivered more than 200 refits, maintenance periods and conversions for the governments of the United Kingdom, Australia, Bangladesh, Brazil and Lithuania.

Our agile, commercial approach yields significant financial savings for our defence customers with projects being completed on time and to budget.

Services include:

- **In-Service Support (ISS) of warships and auxiliaries in the UK & overseas**
- **Ship repair, refit & conversion**
- **Reactivation and conversion of warships & auxiliaries**
- **Block build of warships, auxiliaries & submarines**



COLLABORATIVE WORKING

In 2019, A&P was certificated to ISO 44001 for Collaborative Business Relationships.

We are committed to improving the collaborative working arrangements with customers to deliver the very best efficiencies to their Fleet.

Over the last 12 years A&P has managed and installed over 1,000 Alteration and Additions packages to UK MoD ships. A&P has a history of 98% on time delivery for MoD vessels.



FORMAL COLLABORATIVE PARTNERSHIPS WITH THE AUTHORITY EXISTED ON

RFA CLUSTER CONTRACT
CERTIFIED TO ISO 44001

MARS UKCCATS
2015-2019

COLLABORATIVE PARTNERSHIP WITH BAE

FABRICATION OF MODULES
FOR THE ASTUTE CLASS &
SUCCESSOR SUBMARINES

BAE PROJECT TEAM
RESIDENT ONSITE AT A&P

FABRICATION OF MODULES
FOR THE QUEEN ELIZABETH
AIRCRAFT CARRIERS

MAINTENANCE OF
HMS ECHO, ENTERPRISE
& RIVER CLASS OPVS

COLLABORATIVE PARTNERSHIP WITH BABCOCK

FABRICATION OF
MODULES FOR THE
QUEEN ELIZABETH
AIRCRAFT CARRIERS

A&P TYNE

A&P Tyne provides the following services to the defence sector:

- Ship repair, refit and conversion services
- Block build of warships, auxiliaries and submarines
- Reactivation and conversion of warships and auxiliaries

Facilities include:

FABRICATION FACILITY IN EXCESS OF	23,000M ²
DOCK NO. 1	259M x 44M
BEDE QUAY LOAD OUT (KNUCKLE END)	D 8.5M x L 200M
LIFTING PAD	650T
LOAD OUT WEST QUAY	D 7.5M x L 160M
DOCK NO. 7	151M x 20M

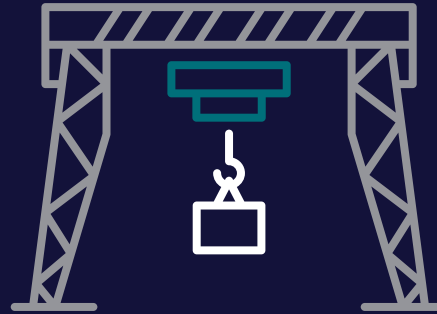


A&P Tyne offers marine and fabrication services to the international defence community

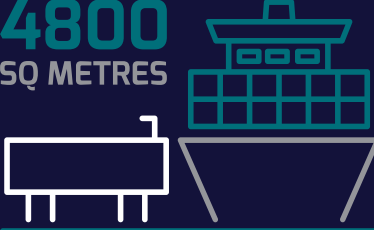


4368
SQ METRES
FABRICATION
WORKSHOP
AREA

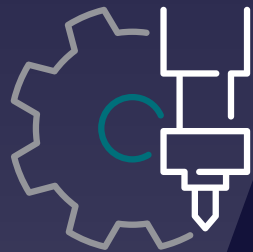
**HEAVY
LIFTING**
CAPABILITIES



4800
SQ METRES

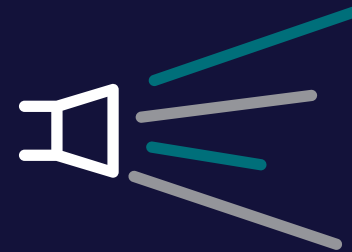


**LOAD
-OUT
QUAY**



**PIPE &
MACHINE**
SHOP FACILITIES

**BLASTING
& COATING
FACILITIES**



A&P FALMOUTH

A&P Falmouth provides the following services to the defence sector:

- In-service support of warships and auxiliaries
- Ship repair, refit and conversion services
- Reactivation and conversion of warships and auxiliaries

Facilities include:

DOCK 2	253M x 40M
DOCK 3	220M x 27M
DOCK 4	172M x 26M
WHARF SPACE	700M
FABRICATION (INCLUDING PIPE) WORKSHOP	4109M ²
ENGINEERING WORKSHOP	3244M ²
ELECTRICAL WORKSHOP	875M ²
JOINERS WORKSHOP	1014M ²

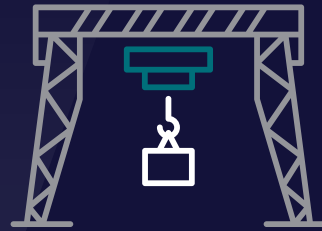


RFA Tidespring in drydock at A&P Falmouth



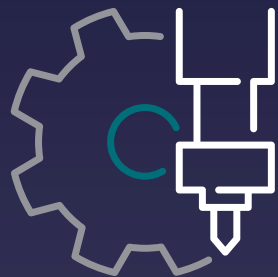
4109
SQ METRES
FABRICATION
WORKSHOP
AREA

**HEAVY
LIFTING**
CAPABILITIES



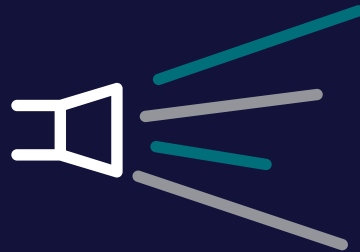
**DEFENCE
INFORMATION
INFRASTRUCTURE
DII/MODNET**

SHIP ALONGSIDE
SYSTEM INSTALLED FOR
RFA VESSELS



**PIPE &
MACHINE**
SHOP FACILITIES

**BLASTING
& COATING
FACILITIES**



**STOCK CONTROL
& PLANNED
MAINTENANCE SYSTEM
& UNIT MAINTENANCE
MANAGEMENT SYSTEM**

GLOBAL CENTRE OF EXCELLENCE FOR THROUGH-LIFE SUPPORT

We are immensely proud of our 12 year partnership with the Ministry of Defence during which we have delivered Through-Life Support to RFA Argus, LSDA, HMS Scott and the Tide Class Tankers. During this time, we have developed a unique understanding of each vessel - supporting them across the globe whilst they are in operational theatre.

Services include:

- **Fleet time support including:**
 - Contract Support Periods (CSP)
 - Annual Certification Periods (ACP)
 - Fleet Time Support Periods (FTSP)
 - Assisted Maintenance Periods (AMP)
 - Self Maintenance Periods (SMP)
- **Non-Fleet Time Maintenance periods including:**
 - Refit Periods (RP)
 - Docking Periods (DP)
- **Design**
- **Capability Acceptance Trials**
- **Procurement**

Our dedicated Cluster Support Team Office, located on the waterfront at A&P Falmouth, is the heart of our collaborative partnership with the RFA and Royal Navy and home to more than 30 dedicated A&P and CSS staff.

A&P's partnership with the Ministry of Defence has successfully delivered:

- **A fully partnered, collaborative and mature working relationship between A&P, CSS and the wider stakeholder community**
- **Unique experience across Argus, HMS Scott, LSDAs and Tide Class Tankers**
- **The procurement and delivery of spares and equipment all over the world to suit vessels' operational requirements**
- **£24 million audited savings**

Together we have maintained the highest level of vessel availability and increased real efficiencies in Fleet Time. Our low cost, collaborative approach has resulted in a 98% on time delivery record to the MoD.



A&P Defence operates a dedicated Cluster Support Team Office from its A&P Falmouth facility



**MANAGED & INSTALLED
IN THE REGION OF 1,000
ALTERATION & ADDITION PACKAGES**
ASSOCIATED WITH THE SHIPS HIGH
QUALITY OUTPUTS DEMONSTRATED
BY THE LOW NUMBER OF WARRANTY CLAIMS



OPERATION OF

12

**SUCCESSFUL LONG-TERM
OVERSEAS DEPLOYMENTS**



450
**SPECIFICATIONS
WRITTEN**

43 PLANNED MAINTENANCE
& OVERSEAS PACKAGES

£50M
IN VALUE



£24
MILLION
AUDITED SAVINGS



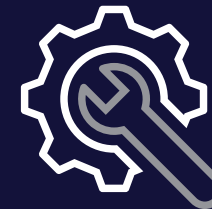
CONSISTENTLY REACHING AN
AVERAGE OF OVER

98%

ON MONTHLY KPI'S SINCE
START OF CONTRACT AFSUP/005



98%
ON TIME
DELIVERY RECORD



**200
PLUS**

MAINTENANCE

PERIOD WORK PACKAGES ON RFA SHIPS

BLOCK BUILD OF WARSHIPS, AUXILIARIES & SUBMARINES

A&P Group has a long-standing and well-earned reputation for delivering highly complex steel fabrication projects on behalf of the British Government, Royal Navy and overseas Navies.

A&P Tyne operates a first-class waterfront engineering infrastructure which offers direct load-out capabilities. Our highly skilled workforce and management team delivers quality workmanship to the highest tolerances and meets client objectives on time and to schedule, each and every time.

Projects include:

- Queen Elizabeth Class aircraft carrier
- Astute / Dreadnought Class submarines
- Albion Class landing platform dock
- Bay Class landing ships
- Amazonas / Khareef / River Class offshore patrol vessels



REACTIVATION AND CONVERSION OF WARSHIPS & AUXILIARIES

A&P provides successful reactivation and conversion projects for the Australian, Bangladesh, Brazil, Lithuania and UK Governments. The combination of A&P Tyne and A&P Falmouth's marine services and fabrication capabilities benefit all customers. Projects are executed on time and to budget.

In 2019, A&P Defence completed the reactivation refit of the River-class offshore patrol vessel, HMS Severn, as part of an ongoing support contract with BAE Systems.

The vessel underwent an extensive refit programme which included a full tail shaft survey, inspection of the anchor, cables and sea valves, applied full Intersleek paint coatings on the hull, installation of new davits including all steel work and cabin removals, new electrical installation, complete regeneration of all cabins as well as an overhaul of the system pumps with electric motors and water tight doors and hatches. The A&P team worked closely with subcontractors and managed the programme on behalf of the MoD.



HMS Severn in drydock at A&P Falmouth

END-TO-END CAPABILITY

A&P's in-house design capability enables us to implement full turnkey solutions, from initial design all the way through to planning, programming, embodiment and support. Thanks to this expertise, A&P has completed technical installations on RFA vessels in the UK and for Urgent Operational Requirements during deployment.

A&P has shared its knowledge with CSS to install Urgent Operational Requirements in ships whilst in operational theatre. Both Phalanx and Scan Eagle have been installed in RFA vessels whilst in Bahrain.

A&P has also deployed its technical capabilities to ensure the RFA fleet improves its green credentials - successfully retrofitting ballast water treatment installations into all LSDAs and Argus, together with re-routing the complete exhaust system on the LSDA vessels.



A&P Group provides end-to-end solutions to RFA vessels whilst in operation across the globe

SHIP REPAIR, REFIT AND CONVERSION SERVICES

A&P Group provides extensive ship repair, refit and conversion services to the Royal Navy, Royal Fleet Auxiliary and overseas Navies.

Over the last twelve years, A&P Group has completed more than six refits for the Bay Class and three refits for RFA Argus. We have also completed docking maintenance periods on behalf of HMS Endurance, Echo, Enterprise & Bristol, the River Class and RFA Fort Austin.

A&P Defence is currently delivering a programme of refits and repairs to four River Class Offshore Patrol Vessels (OPV) in Falmouth, as part of an ongoing support contract with BAE Systems. A&P Defence was awarded the four-year framework agreement to provide repairs and maintenance to Batch 1 and Batch 2 River Class Vessels - HMS Tyne, Mersey, Severn, Clyde, Forth, Medway, Tamar, Spey & Trent - in 2015, and secured a two year extension until 2021, last year.

The US Navy utilises A&P Falmouth's facilities for repair and maintenance works for its military vessels.



A&P SUPPORTS BAY CLASS IN AUSTRALIA

A&P Australia provides In-service Sustainment and Support (ISS) services directly to the Australian Department of Defence for HMAS Choules, holding an innovative ISS Contract, where A&P Australia provides effective 'above the line' decision-making and governance alongside service delivery and support to the Royal Australian Navy and CASG. A&P Australia has utilised the experience and support of A&P Falmouth to successfully manage and complete their ongoing projects.

A&P's broad technical and maritime expertise is at the heart of our business and is key to supporting our customers and HMAS Choules. Our expertise is underpinned by our team's highly technical, safety-focused and hands-on approach, combined with our commitment to delivering high-quality outcomes efficiently to Defence.

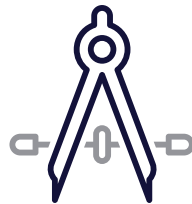
Services include:



**THROUGH-LIFE
SUPPORT**



**SHIP
REPAIR**



**ENGINEERING
SERVICES**



**SUPPORT
SERVICES**



**ASSET
MANAGEMENT**



**TRAINING
SOLUTIONS**





PROVEN GLOBAL REACH TO SUPPORT RFA FLEET

A&P extends its reach across the globe to support Royal Navy and RFA vessels whilst in operational theatre. Our experience and strategic partnerships with commercial shipyards such as ASRY in Bahrain and Charleston in the USA, together with our technical knowledge, workshops and port facilities, ensure we can provide total support to the RFA and its personnel to achieve increased efficiency during Fleet Time.

- SOUTH AFRICA
- WEST AFRICA
- BAHRAIN
- DUBAI
- JAPAN
- SOUTH KOREA
- AUSTRALIA
- PAPUA NEW GUINEA
- CRETE
- GIBRALTAR
- UNITED KINGDOM
- HAITI
- HAWAII
- SOUTH CAROLINA
- CURACAO
- PANAMA



BUILDING ON SUCCESS

A&P Group's track record of success is based on our commitment to building collaborative relationships with our customers. Our relationships have evolved into true partnerships which are based on a complete transfer of knowledge, joint ownership of decisions and a mutual understanding and sharing of risks associated to their fleets.

This evolution will continue.



LOCATIONS

A&P DEFENCE

The Docks | Falmouth | Cornwall | TR11 4NR

T. +44 (0) 1326 214 801

A&P TYNE

Wagonway Road | Hebburn | Tyne & Wear | NE31 1SP

T. +44 (0) 191 430 8600

A&P FALMOUTH

The Docks | Falmouth | Cornwall | TR11 4NR

T. +44 (0) 1326 212 100

A&P TEES

Teesport Commerce Park | Dockside Road
Middlesbrough | TS6 6UZ

T. +44 (0) 1642 464 024

A&P GREAT YARMOUTH

Vanguard House | South Beach Parade
Great Yarmouth | NR30 3GY

T. +44 (0) 1493 335 518



WWW.AP-GROUP.CO.UK

Engineering Strength