

LEM DRAIG

The Newsletter for HMS DRAGON

ISSUE 24 | Winter 2021



The DRAGON roars



A MESSAGE FROM THE COMMANDING OFFICER

It is my great pleasure to write to you all with this newsletter containing the wide variety of tasking DRAGON has conducted this year. I have been lucky enough to have commanded DRAGON since August and the amount that the ship has achieved in the last 9 months is astonishing.

Activities which the Ship has undertaken since our last newsletter include live SeaViper firings, a series of trials for the Royal Navy Wildcat helicopter's new weapons system, our appearance in the latest Bond film, the visit of our affiliates and the highlight, our two month deployment to the Mediterranean.

The deployment in particular has been a welcome return to more traditional naval life, with our sailors finally getting to enjoy well-earned 'runs ashore' in foreign ports. We were able to work with international partners on multiple exercises and conduct defence diplomacy in Gibraltar. Our sailors have performed wonderfully with everything that has been asked of them and this year's work is something they can certainly be proud of.

With best wishes from us all in HMS DRAGON.



*George Storton
Cdr RN*

Showing the DRAGON's teeth

FORMIDABLE SHIELD 21- SeaViper live firing



In May DRAGON was privileged to attend EXERCISE FORMIDABLE SHIELD 21, a biennial NATO exercise involving live firing of surface to air missiles. DRAGON raced north to the outer Hebrides, to join 17 other ships from many NATO nations which gave the opportunity to practice task group operations in the gaps between firings.

Should the Fighter Controllers fail to get aircraft to intercept enemy raids before missiles are launched, SeaViper is next weapon in DRAGON's arsenal to be employed against the air threat. The system is highly capable, due in no small part to the performance of the Sampson radar (the 'golf ball' on the foremast) and even when not firing ourselves, the opportunity to track other targets and even the friendly surface to air missiles was all valuable training.

Both the warfare team firing the missile and the WE team who make the system ready spent many hours conducting drills prior to the firing, The drone target being shot at was very expensive: the opportunity could not be missed. HMS Dragon launched a telemetry Aster missile, which is different to a warshot missile owing to the lack of a warhead. This variant allows us to collect data from the missile. This particular missile was named 'Poppy' after the Sea Viper maintainer's daughter. CPO Dave Hamlyn said "It is a tradition that the missile to be fired is named after the maintainer's youngest daughter. Poppy thought she was famous having a missile named after her!"

Come the firing, the anticipation in the Operations room was palpable, however as soon as the target launched training took over. The contact was rapidly investigated, determined to be HOSTILE, permission to engage gained from the CO then the engagement order passed to the Viper Controller. There was a pause as the system waited for the optimum time to fire before the ship juddered, the sound of booster ignition heard and the missile departed the ship in a dramatic cloud of orange smoke, reaching over 3 times the speed of sound shortly after clearing the bridge window. The flight was tracked by radar, cameras and the eyes of the Bridge team and sure enough the interception was perfect, the missile colliding perfectly with the incoming target. Many missiles rely on exploding in proximity rather than achieving the perfect kill, not Viper.

LET Tom 'Swiss Richie' Richardson said: "This exercise has been months in the planning and to be involved in the preparation of the launchers and missile and to witness the firing first hand has been an excellent experience". For the Operations room team and the WE department this was an exercise they are unlikely to repeat and certain not to forget.



"We yield but to Saint George"

DRAGON soars

FASGW trials by LAC Kelsie Miller

In the summer of 2021, HMS Dragon conducted deck landing trials for the Royal Navy Wildcat helicopter's new weapons system over the period of 3 weeks. This trial was the first period of deck landings conducted by a FASGW (Future Anti-Surface Guided Weapon) Wildcat. The trial enabled Ship Helicopter Operating Limits (SHOLs) to be drawn up and proven safe in order for Fleet Air Arm Wildcat helicopters operating with CSG 21 to safely operate with the new weapons loaded, thereby enhancing the Royal Navy's warfare capability.



The main focus of HMS Dragon's experiment was looking at how the aircraft handles with the new weapon mount fitted, different load outs and re-role/re-load times at sea. The trial was completed after a set of trials had been conducted over land (from Boscombe Down) by Wildcat Maritime Force, QinetiQ Engineers and Military Test Pilots from the Rotary Wing Test and Evaluation Squadron (RWTES) prior to embarking Dragon.

What is FASGW?

The FASGW has been developed with both a light variant (Martlet) and a heavy variant (Sea Venom). SeaVenom is the replacement for Sea Skua and is capable of over the horizon targeting, travelling at subsonic speeds, and weighing approx 110 kgs. The missile also offers in flight- re-targeting and is capable of immobilising contacts up to and including corvette size crafts. Martlet is a light multirole missile which is capable of taking out Fast attack craft making it a very useful weapon when looking at swarm attacks in more confined waters. It is capable of travelling at a distance of between 5-8 nm, and only weighing 13 kg per missile it enables the aircraft to be loaded with 20 missiles (10 each side).

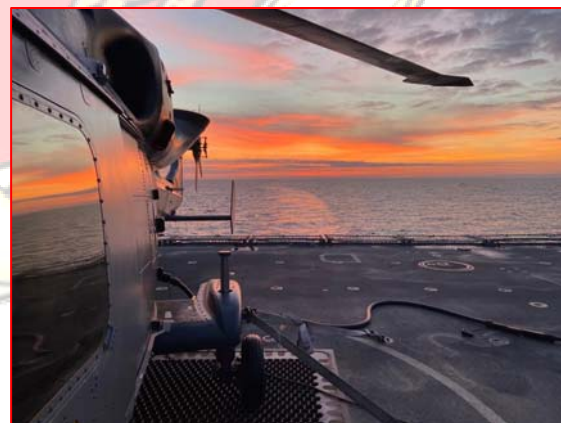
What did the trial involve for HMS Dragon?

When the QinetiQ team embarked they briefed the aviation team with their plan, and discussions were had with the bridge, ops room team, flight deck crew and the aircrew; and how this trial would potentially involve deviations from our Standard Operating procedures (SOPs). The teams ensured that at all times aircraft safety was paramount and the trial could be stopped at any time if any operator felt the need to for safety reasons.

The team needed the aircraft to operate in different temperatures, winds, and sea states to ensure as much data was captured from the trial to enable as many SHOL's to be produced as possible. In order to collate the data needed, DRAGON spent the weeks chasing the varying conditions in the South Coast Exercise Areas, out into the Atlantic and proceeding south into the Bay of Biscay.

When favourable conditions were found, the teams worked around the clock to achieve as many take-off and landings as possible (totalling around 180). At times the trial was repetitive and needed operators to be on top form to ensure that as much flying was achieved in a smooth manner despite setbacks with defects or unexpected performance issues.

For all parties involved it was a learning curve. The pilots had to learn how the aircraft handles differently over sea to land, and how it handled with different loadings. The ship's team had to contend with last minute changes due to the input from QinetiQ staff in the ops room to ensure the right data was collected. These changes needed quick and efficient



communication to ensure the procedure was safe and the team functioned really well.

The results of the trial enabled provisional SHOLs to be issued to the aircraft already away with HMS QUEEN ELIZABTH on the CSG 21 deployment, instantly improving lethality in the task force.

These trails were a new challenge to most in DRAGON and it was deeply satisfying to be able to execute them professionally and to improves the RNs operational output so quickly.

DRAGON's Bond

Adventures on the silver screen



DRAGON was fortunate enough to take a starring role in the latest James Bond film 'No time to die', bringing back to the public consciousness that, like our own Commanding officer, James Bond is in fact a Royal Navy Commander. The denouement of the film also shows that Dragon does indeed have teeth, though in the interest of avoiding spoilers this point won't be elaborated on!

If our crew have proved anything over the last two years, it is that we are ready to deliver on behalf of Her Majesty's Government at minimal notice, even in trying circumstances, and it is great to see this reflected on the silver screen. Unfortunately, the filming of Dragon was not a star-studded affair; the film crew

embarked on a Sunday in May 2019, without any actors, filmed for two days and were then disembarked into Portland by boat transfer so that the ship could continue training in Lyme Bay. As always with our guests we had a great time showing them around and were delighted to be able to set the ship up in the best light for filming. Lots of effects were subsequently added, though if you want to see real imagery of Dragon firing her own missiles, our Twitter (@HMSDragon) has pictures on the 28 May and a video on 4 June from our Sea Viper firing earlier in the year.

The producers were kind enough to arrange for 10 members of our Ship's company to line the red carpet at the film premiere, getting to meet many of the actors and other guests including HRH the Duchess of Cambridge (pictures once more available on Twitter), an evening that the 10 lucky sailors are unlikely to forget. It is not often such an opportunity arises, and the stories (or 'dits' as we call them) will stay with them for years to come. The rest of Ship's Company was treated to an early showing of the film in a mobile, lorry mounted, cinema that parked on the jetty next to the ship in the days after the premiere. When a Royal Navy Ship will next appear in a James Bond film is anyone's guess; but for now, at least, we can say that Dragon truly is the newest Bond Girl.



DRAGON's Deployment

SKYSHARKS, POLARIS and a surprise Operation...



After a year spent primarily operating in the waters surrounding the UK, it was very welcome to hear that the Ship was getting a trip to the Mediterranean in the Autumn. Despite trials occurring in the build up, DRAGON was able to sail for France on the 16th of October, departing Portsmouth with waves and cheers from many assembled families. Before the ship had even left UK waters a flying serial was conducted, preparing the Ship to aviate over the coming months. The first stop was Brest, only a brief one, to attend a planning conference prior to participation in EXERCISE SKYSHARKS 21.

The forecast for SKYSHARKS was inauspicious but the ship managed to sail for two days exercising at sea, conducting gunnery with all calibres of weapon, up to and including the 4.5" main gun. The weather then deteriorated sharply and with discretion being the better part of valour on this occasion, the rest of the exercise was conducted at anchor in the approached to Brest harbour. Fortunately, modern data links meant that DRAGON was able to conduct simulated Air and Surface Warfare exercises with the French units so much training was still had. The Fighter Controllers were able to work with front-line French fighter jets operating to the West. The exercise was hugely beneficial for the Ship's warfare teams, lots of lessons were learned about working with our French allies and for many junior operators, it was the first chance they'd had to work with other ships for real.



Fortunately for DRAGON and her ship's company, the weather abated slightly as the exercise finished. This meant that the journey towards Porto, the first "proper" stop of the trip could begin on time. The bay of Biscay is famous for rough weather and the residue of the storm that had kept the ship at anchor was still making itself felt, not the roughest conditions that would be experienced on the trip but certainly enough to make those who had never crossed Biscay aware of the raw power of the Atlantic Ocean.



The ship arrived in Porto on a warm autumn evening and by this time the desire to get ashore abroad was palpable. Due to the Covid-19 pandemic, a foreign run ashore had not happened for DRAGON's ship's company since WESTLANT 19 and for many of the junior sailors they had never had the opportunity to experience this side of Navy life. The port authorities heightened the sense of expectation by being slightly tardy with the arrival of the gangway but soon enough everyone not on duty was able to step-ashore.



There were minimal working commitments in Porto, Ship's company were able to enjoy the 4-days of the run ashore as they saw fit. Many chose to spend nights away in hotels, all were able to sample the delicious local food and see the sights of the UNESCO heritage waterfront and a good amount took advantage of sporting opportunities, both those laid on by the LPT including surfing, football and those of their own devising, including paddle-boarding and hiking. The first two days in particular were very sunny and warm, making this November stop feel closer to a British

summer than the winter that was in fact approaching. Soon enough it was time to depart but Porto had been a fantastic place to visit and was certainly a great (re-)introduction to the delights of a well-deserved run ashore.

Next on the agenda was a brief stint of training at sea en-route to Gibraltar. The ship then briefly stopped in Gibraltar to allow some members of Ship's company to work ashore whilst the rest hosted members of Fleet Operational Sea Training (FOST) who were there to assure a new model where the ship can go to sea for more basic tasking with a reduced number of people onboard (around 130). In true DRAGON fashion the serials were passed with aplomb due to the hard work and enthusiasm of the Ship's company and before they knew it another run ashore beckoned.



Gibraltar is a staple visit for RN ships and as such newer members of Ship's Company got the opportunity to visit many of the places and partake in experiences that their older and wiser(?) colleagues had regaled them about for some time. One such experience is the traditional rock run, a race from the ship to the top of the rock of Gibraltar, 4.4km laterally but a brutal 426m climb! 106 members of Ship's Company ran, an excellent turnout, with some very impressive times being set, line honours going to LS Brady with a time of 26m34s. Impressively, two members of Ship's company managed the challenging carrying substantial load, more of which can be read about alter in this newsletter.



After a relaxed first weekend, Gibraltar was fundamentally a working visit with DRAGON front and centre of an International Maritime Festival. Each day there were tours to host, ranging from visiting MPs to local school children, one evening involved DRAGON laying on a Reception and Capability Demonstration (which the un-initiated could mistake for a cocktail party) and all the while essential maintenance was being carried on in the background. That isn't to say the stop was all work and no play, plenty were able to get ashore in the afternoons/evenings and both the Ship's football team and Rugby team got a run out, with the Rugby team's

comprehensive victory over the Royal Gibraltar Regiment at the stunning setting of Europa point providing a very satisfying conclusion to the visit.



Upon departure, the focus of all was quickly shifted onto the main exercise of the deployment, EXERCISE POLARIS 21. A planning team, including those ashore for the first week in Gibraltar, had put in a lot of work into preparation for this major international exercise and now set to briefing the rest of the Ship. POLARIS 21 was the last major exercise for the French aircraft carrier FS CHARLES DE GAULLE prior to her deployment on operations. As such the exercise carries huge importance, the vast majority of the French fleet was involved and by the time allies from the UK, USA, Spain, Italy and Greece are counted, over

20 major warships were at sea battling it out, with in excess of 40 fighter jets, based both ashore and on the carrier fighting in the air.

In order to finalise preparations, the Ship went alongside in the French naval base of Toulon, on the glamorous Cote D'Azur, though unfortunately, it was most definitely autumn in temperature for the visit. This provided the final opportunity (though this was not known at the time) for Ship's company to get ashore and experience a place the vast majority had never been to. As well as the delights of French cuisine, local museums and for some a hike of a nearby mountain many were able to get on with some Christmas shopping in preparation for the Ship's return.



On the 18th of November, the ship sailed for the exercise, ready in all respects to play the part of enemy forces against the CHARLES DE GAULLE battle-group. The first three days of the exercise involved integration training with other units in the enemy force task group, where many of the lessons learned on SKYSHARKS were instantly applicable. However, as the exercise was about to increase in intensity, events elsewhere in the Mediterranean were ready to cause a dramatic change....



DRAGON received urgent tasking that required her presence in the Eastern Mediterranean. Despite being deeply involved in a very complex exercise, DRAGON's team were instantly able to switch focus to this new tasking and the exercise areas of Toulon were soon well astern as the ship proceeded at 28kts to the far side of the Mediterranean sea.

The passage involved passing through the straits of Messina (between Sicily and Italy) and to get there involves steaming past several active volcanoes. Both the straits and the volcanoes are awe-inspiring natural spectacles, which is somewhat enhanced when in you have not been expecting to go anywhere near them on the

deployment!



DRAGON arrived at her new destination and set about her new tasking with enthusiasm. The nature of the tasking had two major effects on ship's company, they were unable to tell home what the ship was now doing and the timeline for return became uncertain. Despite these pressures, Ship's company rose to the occasion magnificently and performed their duties to the highest of standards in all phases of the tasking.

The journey home allowed time for some extra fun and for all the traditional Christmas activities to take place. Ship's company

enjoyed competitive physical challenges such as crossfit style competitions and bucketball, mental challenges including quizzes and bingo and the downright bizarre in Horse/Dragon/Reindeer racing. Messes also had their own Christmas afternoon after a joint effort from the Caterers and the Officers to serve everyone a traditional Christmas lunch.

The deployment did not end up resembling the programme most had thought they were setting out on and certainly the tasking for the last 3 weeks was a world away from expectation. What can be said is that the return of the opportunity to travel aboard with the Navy was incredibly welcome and that Ship's Company made the most of every stop, representing their ship and their country to the highest of standards in four different ports. Furthermore, the ship delivered on operations, reacting rapidly and professionally to an unforeseen set of circumstances. Everything the ship has worked towards in the last two years culminated in the performance on this trip and it is hoped that there are fond memories for all in the future.



Raising DRAGONS

My first deployment by ET(ME) Highway

It all started when we left the wall of Portsmouth on 16th OCT 2021, to set sail on a 10 week deployment on board HMS DRAGON.

During the 10 week deployment we were lucky enough to have four port visits - to Brest, Porto, Gibraltar and Toulon. Whilst having time to ourselves during these visits, my friends and I took the time to see which country had the best nightlife and entertainment! I was also encouraged to play for the ships football team in Gibraltar which I really enjoyed.

The highlight of these port visits for me was when myself, LET Mooney and WTR Stanton went to Porto. It started with the three of us getting not very well thought tattoos! Porto was hands down the best port visit for me as the food and night life were outstanding. During the day there was so much to do, as we jumped on electric scooters around new town and old town, travelling as far as we could to experience as much of Porto and Portuguese lifestyle as we could.

Apart from the port visits, the time at sea was enjoyable for me as everything was for the first time. While at sea I was able to see many great things that you would not be able to see in a normal civilian job. These included: active Volcanoes, travelling through the beautiful straight of Messina between Sicily and Italy, seeing pods of dolphins regularly playing around the ship. To finish, I got to take part in my first operational tasking, assisting with recovery of the F35.

During my time at sea I have developed into a more confident Marine Engineer. This was achieved by working extra hours and with help of my peers. This trip will be finalised with me becoming an ET1 which means I can now be trusted on duty in harbour to help ensure all ME aspects of the ship are in a working state.

Overall I have thoroughly enjoyed my first deployment and I am looking forward to the chance to deploy again in the future.



DRAGON's friends

Affiliates day



On the 3rd of August DRAGON was lucky enough to hold an affiliates day. We were privileged to have visitors including delegations from the Lord Mayor of Cardiff, the Lord Mayor of York, the Ship's Sponsor Mrs Susie Boissier, the Ship's Friend Dan Snow MBE, the Worshipful Company of Plaisterers, the Company of Merchant Adventurers of the City of York, the Worshipful Livery Company of Wales, the Royal Thames YC and Fujitsu.

Our distinguished guests were given a tour of the ship before enjoying a buffet lunch in the Wardroom. It was an excellent opportunity for the ship to get to know some of our affiliates better

and Ship's company were delighted to have the opportunity to host in what has been a rather busy year.

The day culminated in a prize-giving on the flight deck where various awards were issued to members of the ship that are sponsored by the affiliates themselves. Prize winners included:

Plaisterers Cup: PO(WE) Gilmore

Fujitsu Engineering Excellence Award: M2C Dept

Fujitsu Engineering Enabling Award: HMS DRAGON Supply Chain Dept

Merchant Adventurers Tankard: PO Winfield

Livery Company of Wales Excellence Awards: LET Sartin & CPO Jones

Furthermore, courtesy of Fujitsu, the football team have a shiny new kit which they got the opportunity to wear representing the ship in Porto and Gibraltar.

It is regretful that between pandemic and programme we have not been able to see as much of our affiliates as we would have liked so it was wonderful to have managed to run the day. We hope to see as much as we can of our friends prior to refit and our upcoming visit to Liverpool should provide an opportunity for a further ship visit.



Family Values

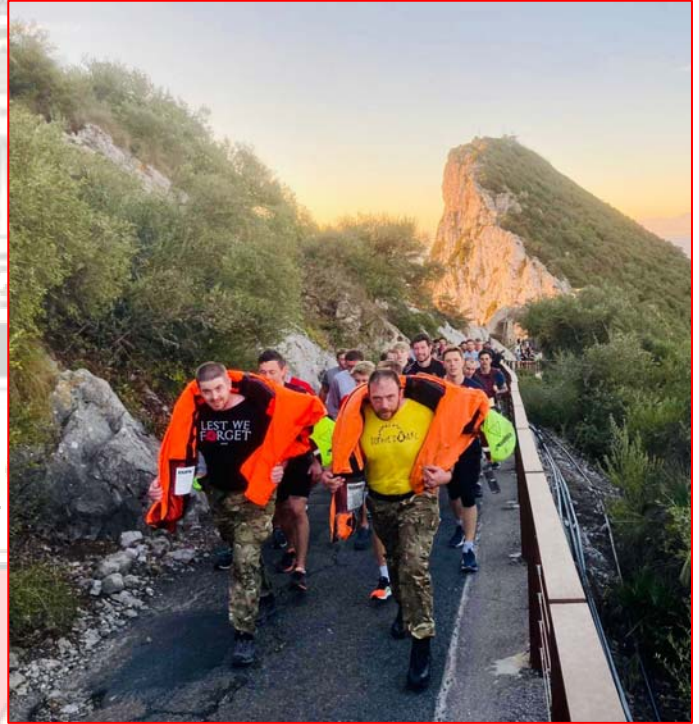
Thank you to our families for all of their support

An operational deployment before Christmas and 6-weeks at sea immediately after that, have been immensely challenging. Without the love and support of everyone at home it would not have been possible to maintain this tempo and allow DRAGON to continue its contribution towards UK defence. THANK YOU.

Caring DRAGON

Ship's company raising money for Charity

Lots of money has been raised by Ship's Company over the last few months, with some truly extraordinary activities contributing to the money being raised. As previously mentioned PO AWW Tom 'Tug' Wilson and LS AWW Michael 'Cherry' Blakeway powered their way up the rock of Gibraltar, each hindered by the weight of 'Ruth' a full-sized dummy person normally used for our man-overboard exercises. Both sailors have previously served with 148 battery RA and both possess the coveted green-beret of an All-Arms Commando course graduate. They did the reputation of their cadre proud in climbing the rock in an impressive XXminutes and raising over £1000 for their chosen charities Alice's Arc and The Royal British Legion, sponsorship links www.justgiving.com/fundraising/tom-wilson44 and www.justgiving.com/fundraising/michael-blakeway-gibrook.



The Ship's Company took part in a fundraiser for Lt Paul Killpartrick who served as the DWEO on HMS DRAGON from 2017 to 2018. Paul was recently diagnosed with terminal brain cancer and aimed to raise £100,000 to fund a cycle of life-extending Proton Beam Therapy not available through the NHS. Paul's daughter Seren journeyed from The Isle of White to Portsmouth on a stand up paddle board as part of the fundraising efforts. An impressive feat especially as she is only 12 years old. The DRAGON fundraising challenge was to row 1000m as quickly as possible on a rowing machine. Congratulations to LET (WE) MacDonald for his winning time of 3m10s. Through the efforts of the Ship's Company over £300 was raised towards Paul treatment. Paul was able to attend the event and pose for photos with participants as well as old colleagues and friends. Paul has now completed his publicly funded Proton Beam Therapy and moves on to the next stage of his treatment, we wish all the best to Paul and his family at this time.

Award winning DRAGONS

Celebrating the achievements of our sailors

The Ship's company has worked incredibly hard this year and delivered everything asked of it. That said, certain members of DRAGON's crew have gone above and beyond in the execution of their duty and it is only right that these people are recognised for their efforts. The following personnel were the recipients of DRAGONS of the deployment and have been presented prizes in front of the gathered Ship's company recognising their achievements:

LPT Pat Coy
LCS Sindall
ET Lee-Keeley
LET Craig Lawrence
LS Hart
ET 'Whiskey' Walker
PO Craig Jones



DRAGON in the media

Further stories on Dragon's activities

<https://www.portsmouth.co.uk/news/defence/schoolchildren-take-to-the-helm-of-royal-navy-warship-hms-dragon-during-exciting-visit-in-gibraltar-3468428>

<https://www.portsmouth.co.uk/news/defence/royal-navy-warship-hms-dragon-prepares-to-go-to-war-with-french-in-huge-drill-at-sea-3464184>

<https://www.portsmouth.co.uk/news/defence/royal-navy-destroyer-hms-dragon-pays-tribute-to-britains-most-famous-aircraft-carrier-sunk-in-the-mediterranean-3480243>

<https://www.hampshirelive.news/news/hampshire-news/royal-navys-hms-dragon-takes-6147853>

<https://www.theguardian.com/world/2021/dec/05/uk-and-france-take-part-in-huge-naval-exercise-to-counter-emerging-threats>

<https://www.portsmouth.co.uk/news/defence/royal-navy-crew-from-portsmouth-based-hms-dragon-attend-no-time-to-die-premiere-to-watch-the-destroyers-starring-role-in-the-james-bond-movie-3401583>

<https://www.portsmouth.co.uk/news/defence/royal-navy-crew-from-portsmouth-based-hms-dragon-sharpen-firefighting-skills-while-training-in-gibraltar-3453308>

<https://www.portsmouth.co.uk/news/defence/royal-navy-warship-from-portsmouth-defends-french-ships-from-boat-and-jet-attacks-3441207>

<https://www.chronicle.gi/hms-dragon-visits-gibraltar-to-support-maritime-week/>

<https://www.gov.uk/government/news/artificial-intelligence-used-at-sea-for-first-time>

<https://www.gov.uk/government/news/ai-used-at-sea-for-first-time-off-coast-of-scotland>

<https://www.royalnavy.mod.uk/news-and-latest-activity/news/2021/december/01/211201-hms-dragon-rock-run>

<https://www.royalnavy.mod.uk/news-and-latest-activity/news/2021/june/04/210604-formidable-shield-missile-firing>

AFFILIATES

CIVIC AFFILIATIONS

The City of Cardiff: www.cardiff.gov.uk

The City of York: www.york.gov.uk

LIVERY AFFILIATIONS

Worshipful Company of Plaisterers: www.plaistererslivery.co.uk

The Worshipful Livery Company of Wales: www.liverycompanyofwales.org/

The Merchant Adventurers' York: www.theyorkcompany.co.uk/

Royal Thames Yacht Club: www.royalthames.com

MILITARY AFFILIATIONS

HMS EXPRESS (Wales University Royal Navy Unit): www.royalnavy.mod.uk/our-organisation/the-fighting-arms/surface-fleet/patrol/archer-class/hms-express

HMS CAMBRIA (Royal Naval Reserve): www.royalnavy.mod.uk/our-organisation/maritime-reserves/royal-naval-reserve/units/cambria

Royal Welsh Regiment: www.army.mod.uk/infantry/regiments/royalwelsh

6 Squadron RAF, Leuchars: www.raf.mod.uk/our-organisation/squadrons/6-squadron/

8 Squadron RAF, Waddington: www.raf.mod.uk/our-organisation/squadrons/8-squadron/

EX-SERVICE AFFILIATIONS

Cardiff United Services Mess: www.usmcardiff.co.uk

Royal British Legion (Cardiff): www.britishlegion.org.uk/

Royal British Legion (York): www.britishlegion.org.uk/

Royal Naval Association (Cardiff) www.royal-naval-association.co.uk

Royal Naval Association (York) www.royal-naval-association.co.uk

The British Warships Association: www.auxiliary-crew-association.co.uk

EDUCATION ESTABLISHMENT AFFILIATIONS

Howells School: www.howells-cardiff.qdst.net

Malvern St James Girls' School: <http://www.malvernstjames.co.uk>

Applefields School: <http://www.applefieldsschool.co.uk>

The Dragon School: www.dragonschool.org

Rhymney Comprehensive School: <http://learn.caerphilly.org.uk/rhymneycomprehensive/>

