

# The Rt Hon Liam Fox MP, Secretary of State for International Trade and President of the Board of Trade

Liam Fox was appointed Secretary of State for International Trade on 13 July 2016. He was elected as the Conservative MP for North Somerset in 1992. In 2010, he was appointed Secretary of State for Defence,

a position from which he resigned on 14 October 2011.



# Nia Griffith MP, Shadow Secretary of State for Defence

Nia Griffith previously held the position of Shadow Secretary of State for Wales, having been appointed to the post by Labour Party leader Jeremy Corbyn in September 2015 until she resigned in June 2016. On 6 October 2016, Corbyn appointed Griffith as Shadow

Secretary of State for Defence, replacing Clive Lewis.

# AIRCRAFT CARRIER ALLIANCE



#### Sir Peter Gershon

As Chairman of the programme Sir Peter Gershon assumes a steering and advisory role within the Aircraft Carrier Alliance. Sir Peter's career has spanned both the private and public sectors. Sir Peter was awarded the CBE in 2000 for services to industry and Knighted in 2004 for his work on public procurement.



#### Vice Admiral Simon Lister

As well as Vice Chairman Vice Admiral Simon Lister is the senior representative for the Royal Navy. As Chief of Fleet Support within DE&S Vice Admiral Simon Lister is responsible for the delivery of the maritime equipment programme and availability of ships and submarines.



#### Ian Booth

As Managing Director, Ian Booth assumes the overall responsibility of leading and delivering the programme. Ian ran the Typhoon airframe design and build programme, was Managing Director of the Astute Submarine programme and Managing Director of Fleet Support Ltd before joining the ACA.



#### John Hudson

John Hudson is the industrial partner lead representative for BAE Systems and has responsibility for the Naval Ships, Submarines and Maritime Services businesses within BAE Systems UK operations. John is a fellow of the Royal Academy of Engineering.



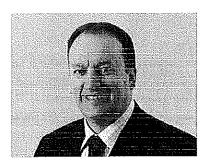
#### **Ed Lowe**

Ed Lowe is the industrial partner lead representative for Thales. In 2006, Ed was appointed Managing Director of Thales' naval activities in the UK, and latterly his responsibilities expanded to include the company's military aerospace business. He became Vice President of Defence Mission Systems in 2013.



# **Henry Parker**

Henry Parker is the senior Ministry of Defence Acquisitions representative. A former Rear Admiral, Henry Parker assumed the role of Director Ship Acquisition in July 2014 having previously overseen the delivery of the UK Carrier Strike programme since February 2013 as Director (Carrier Strike).



## John Howie

John Howie is the industrial partner lead representative for Babcock. He is responsible for Babcock's submarine, warship and naval base management businesses in the UK and the company's submarine deep maintenance operations in Canada. His role includes delivery of the Company's commitments in the delivery of the Queen Elizabeth class aircraft carriers.

#### QUEEN ELIZABETH AIRCRAFT CARRIER PROGRAMME

### **QE Class Carrier Overview**

- The QE Class is one of the largest engineering projects currently being undertaken in the UK. The new aircraft carriers will be the biggest and most powerful surface warships ever constructed for the Royal Navy. They represent a step change in UK naval capability.
- 2 carriers of this class have been ordered for the Royal Navy: HMS Queen Elizabeth and HMS Prince of Wales. They have been designed to offer flexibility in deployment and to be versatile enough to be used for operations ranging from supporting war efforts to providing humanitarian aid and disaster relief.

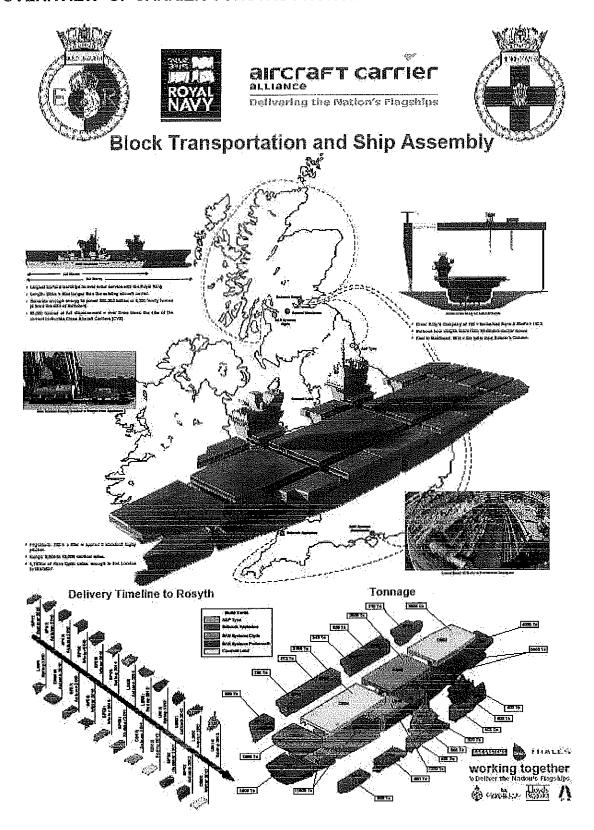
# **Cost and Delivery**

HMS Queen Elizabeth, the first of class is expected to be fully operational by 2020.
 The estimated cost for both ships is £6.2bn (the initial projected cost was £3.65bn).

# **QE Class Carriers - Facts and Figures**

- The crew for each ship will be around 679, rising to up to 1,600 with air personnel added. At full complement the carriers will have a displacement of 70,600 tonnes. They have an overall length of 280 metres (920 ft), a width at deck level of 70 metres (230 ft), a height of 56 metres (184 ft), a draught of 11 metres (36 ft) and a range of 10,000 nautical miles (12,000 mi; 19,000 km).
- The QE Class has been designed with twin islands, which separates the running of the ship from the flying operations resulting in greater visibility of flying operations. It's Highly Mechanised Weapon Handling System enables a streamlined crew to operate a vessel much larger than the carrier which it replaces. The ships will also use an electric propulsion system that enables the prime movers to operate more efficiently and therefore burn less fuel. Power is delivered to that system by gas turbine and diesel generators.
- There are four galleys on board and four large dining areas which will be manned by 67 catering staff. The largest dining room has the capacity to serve 960 crew members in one hour. Each ship will have an eight bed medical suite, operating theatre and dental surgery, which will be managed by 11 medical staff. Crew facilities also include a cinema and fitness suites in order to provide crew members, who may be away from home for months at a time, a good range of recreational activities.
- HMS Queen Elizabeth will carry F-35B fighter aircraft. Current MoD plans are for 14 F-35B aircraft to form the first operational squadron in 2018, and that by 2020 they will be able to fly from HMS Queen Elizabeth. The F-35 – also known as the Joint Strike Fighter or Lightning II –may perform a fly-by at the naming ceremony.

# OVERRVIEW OF CARRIER CONSTRUCTION AND ASSEMBLY



# The Aircraft Carrier Alliance (ACA)

- The ACA is an alliance between the Ministry of Defence and the main industry
  partners involved in the construction of the QE Class Aircraft Carriers. The Alliance
  was formed in such a way as to ensure that all partners took collective responsibility
  and ownership of the project and to ultimately ensure that each would share in both
  risk and reward.
- The Aircraft Carrier Team was originally formed in 2003 and was made up of Thales UK, BAE Systems and the Ministry of Defence. Babcock and VT Group joined in 2005, creating the Aircraft Carrier Alliance and the memorandum of understanding for the actual contract was signed the following year. Since then, VT Group has sold its shipbuilding operation to BAE Systems and the remaining support and training part of the business has been bought out by Babcock resulting in three industry members of the ACA.
- Contract renegotiations in 2012 concluded that any cost overruns above the revised £6.2bn budget would be met jointly and equally by BAE Systems and the MoD.

# **Fixed-Wing Aircraft**

- During the course of the Carrier project, the UK Government has changed its plans for the aircraft it will carry. The carriers will be completed as originally planned, in a Short Take-Off and Vertical Landing (STOVL) configuration, deploying the Anglo-American Lockheed Martin F-35B.
- The UK government had at one stage considered purchasing the F-35C carrier version of this aircraft, and adopted plans for Prince of Wales to be built to a Catapult Assisted Take Off Barrier Arrested Recovery (CATOBAR) configuration.
- After the projected costs of the CATOBAR system rose to around twice the original estimate, the government announced that it would revert to the original design on 10 May 2012.
- The total cost of the work that had been done on the conversion to a CATOBAR configuration, and of reverting to the original STOVL configuration, was estimated by the Defence Secretary to be "something in the order of £100 million."

#### **DEFENCE POLICY**

# Royal Naval Personnel

- There are over 4,000 regular naval personnel based in Scotland, mostly at HMNB Clyde (which includes Faslane and the Armaments Depot at Coulport).
- HMNB Clyde is one of the largest employment sites in Scotland, with around 6,800 military and civilian jobs. Employment will rise to 8,200 by 2022 when all the Royal Navy's submarines are relocated to HMNB Clyde and it becomes the Submarine Centre of Excellence.

# **Shipbuilding**

- Scottish Shipyards, Scotstoun and Govan, have built elements of the 2 Queen Elizabeth Class aircraft carriers and on 4 November 2016, BAE Systems confirmed that the first steel would be cut on the Type 26 Global Combat Ships in Glasgow in Summer 2017.
- The MOD has yet to finalise contract negotiations on the Type 26, but the Strategic Defence and Security Review (SDSR) 2015 committed to build eight Type 26 (previously 13). As an interim measure and to ensure continuity of the skills needed for the Type 26, Govan and Scotstoun are both building five Offshore Patrol Vessels (OPVs). Steel was cut for the fourth OPV at Govan in December 2016.

# **Support for the Armed Forces Community**

- The Scottish Government has a strong track record of supporting military personnel, veterans and their families residing here in Scotland.
- The Scottish Government greatly values the contribution and professionalism of our Armed Forces. Veterans and their families.
- Our ambition is to make Scotland the destination of choice for those leaving Military service, offering high living standards, good jobs and a supportive society to those choosing to settle in Scotland - and to serving personnel and their families based in Scotland.

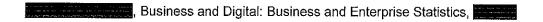


#### SHIPBUILDING STATISTICS

 In 2015, employment in the shipbuilding sector stood at 2,100 in Fife, accounting for 1.5 per cent of total employment in Fife (138,000). The shipbuilding sector in Fife accounted for 30 per cent of employment in the shipbuilding sector in Scotland as a whole (7,000). (Source: Business Register and Employment Survey & Agricultural Census)

# From the Annual Business Survey

- In 2015, Gross Value Added (GVA) in the Scottish shipbuilding sector was around £0.4 billion, whilst turnover stood at £1.6 billion. Scottish shipbuilding accounted for a significant proportion of total UK output of the industry (around 31% for turnover and 24% for GVA).
- Shipbuilding is a significant contributor in the Scottish Transport related manufacturing sectors. It accounted for 38% of total GVA in the related sectors (worth £1.1 billion).
- The top three local authority areas in terms of shipbuilding GVA (Glasgow City, Aberdeen City and Fife) accounted for 23% of the business sites, 76% of employment, 87% of turnover and 82% of GVA in the sector.
- The shipbuilding sector accounted for around 5% of turnover and 3% of GVA in Scottish manufacturing as a whole.



#### BABCOCK INTERNATIONAL

# Company profile

- Babcock International Group PLC (BIG) is a provider of engineering and support services to customers across a variety of sectors; defence, energy, nuclear, marine, automotive, emergency services, airports, media and communications, education, information and intelligence, mining and construction and rail, in the UK and a growing range of selected overseas markets.
- The Group have a strong customer focus; designing, building, operating and maintaining infrastructures needed to meet complex customer challenges.
- Current customers include; the British Armed Forces, Network Rail and BMW.
- Babcock employs 34,000 staff across Canada, South America, Africa, Australasia, the Middle East, and Europe. Current revenue is in excess of £4.5bn, and the group had an order book of £20bn in 2015.
- The group employs approximately 24,114 staff across the UK.

# **Employment & main areas of business in Scotland (by location)**

- Babcock's two main Scottish divisions are Babcock Marine and Babcock Rail.
   Together they employ c.4,500 people and support a further 3,200 additional jobs.
- Babcock Marine has two operations in Scotland, one in Rosyth and the other on the Clyde at Faslane. The Rosyth site occupies 125 Hectares, including a tidal basin of 22 Hectares. There are 1,863 permanent FTEs at Rosyth.
- Babcock Marine Rosyth Ltd (BMRL) comprises 5 business units:
  - QEC (Queen Elizabeth Class): final assembly and integration partner for two Royal Navy carriers as part of the Aircraft Carrier Alliance (BAE Systems, MoD, Thales).
  - Energy & Marine Services (E&MS): provides a platform to build on capabilities in offshore renewable, O&G, nuclear and commercial marine sectors
  - Energy & Marine Technology (E&MT): provides consultancy on design and project support worldwide for marine, naval and offshore customers.
  - Nuclear: maintenance support and safety infrastructure; berthing, maintenance and repair of decommissioned nuclear submarines.
- Supply Chain Services: supply chain contracts to all three armed forces.

# Scottish Enterprise engagement

- SE have good relationships with senior management across the various business units and multiple contacts with SE/SDI sector teams (oil & gas, renewables, TAE), RSA, Business Infrastructure, Organisational Development and SMAS.
- SE have also assisted Babcock in developing a diversification strategy to better exploit commercial energy opportunities, initially in the UK but now extending to international markets.
- SE is working closely with Babcock to promote their capabilities to the oil & gas sector including decommissioning.
- SE continue to support Babcock in introductions to offshore wind farm developers and supply chain partners.
- Babcock has also received £108k total support from SE in the past three years to support strategic and organisational development projects including £100k for an R&D project for a Lidar equipped floating buoy vessel for offshore wind measurement.

, Scottish Enterprise

**ISSUE:** The new UK National Shipbuilding Strategy was announced by the Defence Secretary, Sir Michael Fallon, yesterday (6 Sep).

- The Strategy follows, and accepts all the recommendations of, Sir John Parker's November 2016 report "An Independent Report to inform the UK National Shipbuilding Strategy".
- It aims to drive changes in the naval shipbuilding sector to deliver the plans outlined in the 2015 Strategic Defence and Security Review and deliver Royal Navy ships on time within a set budget; design ships suitable for both the Royal Navy and the export market; spread the building of components for new ships across the UK; and maintain Royal Navy fleet numbers.
- The Strategy aims to transform the procurement of naval ships; make the UK's maritime industry more competitive; grow the Royal Navy fleet by the 2030s; export British ships overseas, and boost innovation, skills, jobs and productivity.
- It also sets out plans for the first batch of Type 31e frigates to be in service by 2023 with a price cap £250 million for each of the first batch of five frigates.

# **Existing MoD Contracts in Scotland**

- All eight Type 26 frigates will be built on the Clyde although this is less than the originally planned order for 13 vessels.
- BAE Systems on the Clyde and Babcock International at Rosyth played key roles in the construction of the Queen Elizabeth Class (QEC) aircraft carriers.
   As of January 2016 a total of c£3.5 billion had been paid – c.£2.1 billion to BAE Systems on the Clyde and .£1.4 billion to Babcock at Rosyth on the QEC programme. This programme placed a number of sub-contracts with Scottish-based companies, totalling some £300m across 21 suppliers.
- The Cabinet Secretary for Economy, Jobs and Fair Work will be attending the Naming Ceremony for the HMS Prince of Wales Aircraft Carrier on 8 September 2017.

# Top Lines

- We will consider this Strategy carefully and work with all of Scotland's yards and the supply chain to support them in securing contracts.
- Although the Strategy potentially offers greater opportunities for companies like Babcock International and Fergusons what workers on the Clyde will want to know is why the UK Government are reneging on their promise of a frigate factory in Glasgow.

- Commitments to new shipbuilding have been repeatedly scaled back and the approach the UK government is taking must not be at the expense of a viable long term future for the Clyde yards.
- Companies like BAE on the Clyde and Babcock International at Rosyth have proved that they have the skills and capabilities to deliver a quality product on time.
- The Minister for Business, Paul Wheelhouse, will be pressing for the use of UK steel in any ships when he attends the UK Steel Council on Thursday (6 Sep).

# Strategy must not be at the expense of shipbuilding on the Clyde

- Welcome the opportunities that a distributed system of shipbuilding might provide for yards across Scotland and that the UK Government has committed to building five type 31s to be in service by 2023
- But this must not be at the expense of a long term future for shipbuilding on the Clyde or undermine the economies of scale and expertise held by companies like BaE
- Although UK Government eventually committed to building the eight Type 26s at BAE Govan this was less than the 13 vessels originally planned

# Track Record and Skills of BAE and Babcock International

- BAE and Babcock have demonstrated that they have the skills and expertise to deliver quality ships on time
- BAE Systems on the Clyde and Babcock International at Rosyth played key roles in the construction of the Queen Elizabeth Class (QEC) aircraft carriers.
- Glasgow clearly remains the most effective location for the manufacture of the future Type 26 frigates and therefore clearly possesses the skills and capability to deliver future contracts like the Type 31e frigates.

# **Steel**

- Type 26 frigate. [750 tonnes is the maximum within Liberty's current capability]
- The UK Government must strengthen support for our steel industries by committing to directly sourcing a greater proportion of Scottish and UK steel for the Type 31e vessels and other future contracts.
- Pleased that Liberty in Scotland is supplying Dent UK with 500 out 2,000 tonnes required for the Type 26s
- The Minister for Business, Energy Innovation will press the UK Government on this issue at the UK Steel Council today (6 September)

# **QUOTES**

"Let's be clear that the Type 31 contracts were originally promised to the Upper Clyde. So while shipbuilding communities across the UK would benefit from a share of the Type 31 work, this will be at the expense of the Upper Clyde despite its own future already secured until the 2030s (Gary Cook, GMB Scotland, The Herald, 6 Sep).

"We welcome the UK government's announcement on the national shipbuilding strategy and the potential opportunities this could create for Babcock and the wider UK supply chain. "We are also pleased to see that this new strategy adopts a key recommendation from Sir John Parker's report and builds on the lessons from the successful Queen Elizabeth class aircraft carrier programme." (Babcock International, FT, 6 Sep)

From: Sent: 07 May 2014 15:15

To: Minister for Energy, Enterprise and Tourism; West K (Kevin)

Subject: Supplementary Briefing - Queen Elizabeth Aircraft Carrier

Hi and/ or

In addition to the briefing already provided for Friday's ADM ILG meeting I thought that the Minister and would like some insight into the aircraft carrier that we will be touring, hopefully the attached is helpful. Let me know if anything else is needed.

And apologies for the couple of useless pages at the start of the QEC Assembly pdf - I couldn't suss out how to get rid of them!









QEC

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ELIZABETH CLA... sense-of-scale-j...

Industries Team Innovation, Investment & Industries Division | The Scottish Government 4th Floor, Atlantic Quay | 150 Broomielaw | Glasgow | G2 8LU | t:

In 2014 Scotland Welcomes the World







#### QUEEN ELIZABETH CLASS AIRCRAFT CARRIERS

The Queen Elizabeth Class aircraft carriers is a class of two vessels which will be the biggest and most powerful surface warships ever constructed for the Royal Navy and will represent a step change in capability, enabling the delivery of increased strategic effect and influence around the world.

The Queen Elizabeth Class will provide eight acres of UK sovereign territory. Both ships will be versatile enough to be used for operations ranging from supporting war efforts to providing humanitarian aid and disaster relief.

# Delivery

With its complement of embarked aircraft the QE Class will be the centre piece of Britain's military capability in circumstances where we cannot, or do not wish to base our aircraft on land. HMS Queen Elizabeth, the first of class will officially be named by the Queen at a ceremony on 4 July and is expected to be fully operational by 2020. The estimated cost of the aircraft carrier and its sister ship is £6.2bn. The initial projected cost was £3.65bn

# Design

The ships' crew is 679, rising to 1,600 with air personnel added. At full complement the carriers will have a displacement of 70,600 tonnes. They have an overall length of 280 metres (920 ft), a width at deck level of 70 metres (230 ft), a height of 56 metres (184 ft), a draught of 11 metres (36 ft) and a range of 10,000 nautical miles (12,000 mi; 19,000 km). The class has been designed with twin islands, which separates the running of the ship from the flying operations resulting in greater visibility of flying operations. The Highly Mechanised Weapon Handling System enables a streamlined crew to operate a vessel much larger than the carrier which it replaces.

Affordability of through life support has also been a key driver in adopting a commercial design. Key operational spaces can be readily reconfigured and additional equipment inserted in a cost effective and timely manner to suit the future requirements of the Armed Forces and the UK. The ships will use an electric propulsion system that enables the prime movers to operate more efficiently and therefore burn less fuel, saving running costs.

#### **Crew Facilities**

There will be four galleys on board and four large dining areas which will be manned by 67 catering staff. The largest dining room has the capacity to serve 960 crew members in one hour. Each ship will have an eight bed medical suite, operating theatre and dental surgery, which will be managed by 11 medical staff. These facilities can also be augmented to suit the requirements of every individual mission.

Crew facilities on board both ships will include a cinema and fitness suites in order to provide crew members, some of whom will be away from home for months at a time, a good range of recreational activities. Crew members will have personal access to

e-mail and the internet (when satellite communications equipment is not being used for operational purposes!).

# The Aircraft Carrier Alliance (ACA)

The ACA is an innovative alliance between industry and the Ministry of Defence that was founded to transform the way in which large scale projects such as the Queen Elizabeth Aircraft Carriers are produced and ultimately delivered. The QE Class is one of the largest engineering projects currently being undertaken in the UK and as such it was going to take more than one organisation to deliver it. In order to ensure that the project delivered the best value for money and the best ships possible to the UK Armed Forces, the Alliance was formed in such a way as to ensure that all partners took collective responsibility and ownership of the project and would ultimately ensure that each would share in both risk and reward.

The Aircraft Carrier Team was originally formed in 2003 and was made up of Thales UK, BAE Systems and the Ministry of Defence. Babcock and VT Group joined in 2005, creating the Aircraft Carrier Alliance and the memorandum of understanding for the actual contract was signed the following year. Since then, VT Group has sold its shipbuilding operation to BAE Systems and the remaining support and training part of the business has been bought out by Babcock resulting in three industry members of the ACA. Creatively, contract renegotiations in 2012 concluded that any cost overruns above the revised £6.2bn budget would be met jointly and equally by BAE and the MoD.

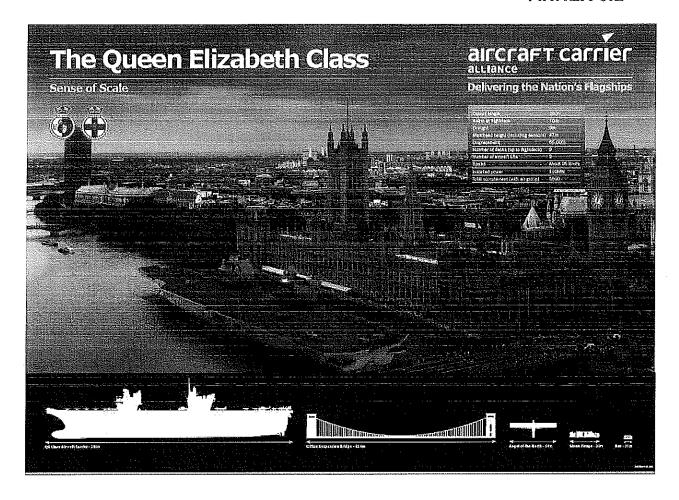
#### **HMS Prince of Wales**

The Prince of Wales will be the second, and final in the Queen Elizabeth Class of Aircraft Carrier. The Strategic Defence and Security Review of 2010 declared that the UK needed only one carrier, but penalty clauses in the contract meant that cancelling the second vessel was more expensive than building it. So the SDSR directed that the second carrier should be built and then either mothballed or sold. The current intention is for the Prince of Wales to be constructed and then held in "extended readiness". A final decision on the fate of the second carrier will be taken as part of the 2015 SDSR; under current plans it will be commissioned in 2020.

### **Fixed-Wing Aircraft**

During the course of the project, an order for carrier jump jets - capable of short take-offs and vertical landings - was switched to jets with a longer range that could carry more weapons. But the MoD later decided to revert to the original jets for logistical and financial reasons. The carriers will therefore be completed as originally planned, in a Short Take-Off and Vertical Landing (STOVL) configuration, deploying the Anglo-American Lockheed Martin F-35B. The UK government had considered purchasing the F-35C carrier version of this aircraft, and adopted plans for Prince of Wales to be built to a Catapult Assisted Take Off Barrier Arrested Recovery (CATOBAR) configuration. After the projected costs of the CATOBAR system rose to around twice the original estimate, the government announced that it would revert to the original design on 10 May 2012. The total cost of the work that had been done on the conversion to a CATOBAR configuration, and of reverting the design to the original STOVL configuration, was estimated by the Defence Secretary to be "something in the order of £100 million."

# **ANNEX 6.2**





ACA Document Identi	Number		Functions	Version					
ACA Document Identi	CVF-10	144954	E	04					
Title		Block Transportation and Ship Assembly							
Issue Date		19/04/2012							
Ship Applicability	Type	Organisation	Area	Perspective	Category	PBS			
000	ACA- ENGR	KCU91	MS	0	STD	NNNN			

#### Applicable for review only:

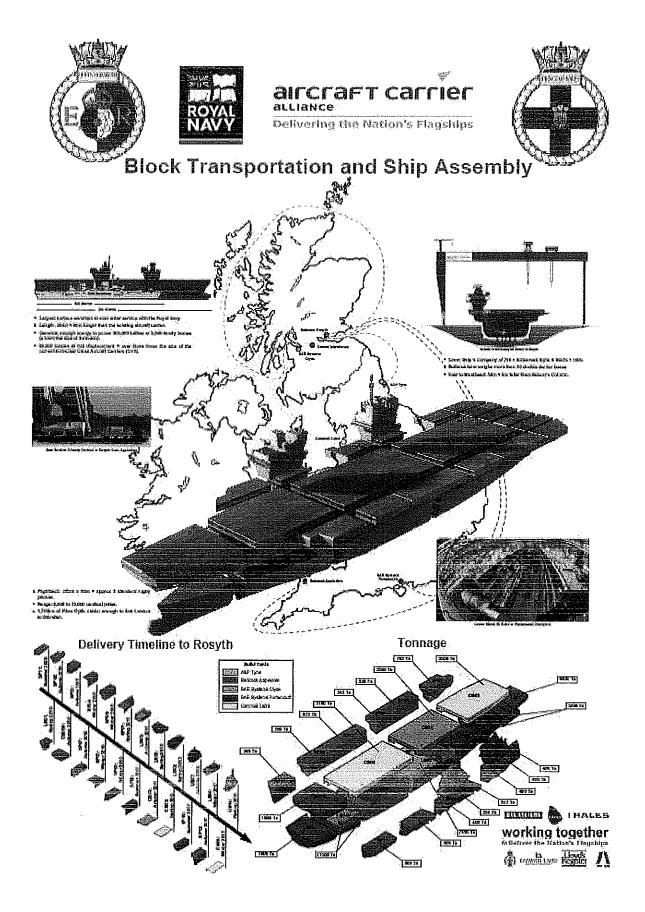
Reviewer	Signature		Print Name						
Review Date	DD-MM-YY								
	С	ACCEPTED - NO COMMENTS							
	R		INCORPORATE COMMENTS AND RK MAY PROCEED WITH CAUTION						
	N	UNACCEPTABLE - MAJOR COR FOR FURTHER REVIEW. WORK AFFECTED AREAS UNTIL COMM							

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# Amendment History

Version	Issue Date	Reason for Issue	PreparedBy	Checked By	Approved By
1 1	20-Jun-11	Created within Windchill	Jagdeep	Andrew	Catherine
1.1	20°0011°11	Ciested whats Amdum	Singh	Hanis	Thurogood
1.2	20-Jun-11	Frontsheet and Amendment History	Jagdeep	Andrew	Andrew
1.2	20-00HF11	added	Singh	Hanis	Hanis
1.3	20-Jun-11	T	Jagdeep	Andrew	Andrew
1.5	20-9411-13	Formatting of poster	Singh	Harris	Harris
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	19-Apr-12	Attributes modified.	Jagdeep	Peer Review	Andrew
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# SCOTTISH PARLIAMENT

# WRITTEN ANSWER

30 August 2013

(Holding Reply Issued 24 July 2013)

Index Heading: Strategy and External Affairs

(Ettrick, Roxburgh and Berwickshire) (Scottish Conservative and Unionist Party): To ask the Scottish Government what impact independence would have on the contracts to assemble HMS (a) Queen Elizabeth and (b) Prince of Wales at Rosyth.

(S4W-15976)

# Ms Nicola Sturgeon MSP:

The Scottish Government is not aware of any impact on the contract to assemble HMS Queen Elizabeth or HMS Prince of Wales that would come from independence.

SCOTTISH GOVERNMENT

# SCOTTISH PARLIAMENT WRITTEN ANSWER

30 August 2017 (Holding Reply Issued 24 July 2017)

Index Heading: Economy

(West Scotland) (Scottish Conservative and Unionist Party): To ask the Scottish Government what impact the contract to build HMS Queen Elizabeth at Rosyth has had on the economy (a) in Fife and (b) nationally.

S5W-09957

### Paul Wheelhouse:

As the aircraft carrier was constructed using a modular approach supported by multiple supply chains throughout Scotland and the rest of the UK, identifying the exact economic impact of the project to a regional area such as Fife is highly complex. However, we do know that the Aircraft Carrier Alliance has placed a number of sub-contracts directly with Scottish-based companies, totalling c.£300 million across 21 suppliers.

The Aircraft Carrier Alliance has also stated that to the end of January 2016, the MOD had paid around £3.462 billion to BAE Systems on the Clyde (c.£2.073 billion) and to Babcock at Rosyth (c.£1.389 billion) on the Queen Elizabeth Carrier programme.

SCOTTISH GOVERNMENT

#### **BACKGROUND NOTE FOR S5W-09957**

Jamie Green MSP is a Scottish Conservative and Unionist Member of Scottish Parliament for the West Scotland region.

### ADDITIONAL BACKROUND RE REDRAFT

You discussed the original answer drafted with Stewart Maxwell (Special Adviser) and raised suggestions to reposition text and to clarify the statement of £3.462 billion being paid to BAE Systems on the Clyde (c. £2.073 billion) and to Babcock at Rosyth (c £1.389 billion) on the QEC programme. This was a statement from the Aircraft Carrier Alliance and therefore, the answer has been amended to reflect this.

Stewart has confirmed that he is content with the redraft.

# Background

To the end of January 2016, the MOD had paid around £3.462 billion to BAE Systems on the Clyde (c. £2.073 billion) and to Babcock at Rosyth (c £1.389 billion) on the QEC programme. In addition, the ACA has placed a number of sub-contracts with Scottish-based companies, totalling some £300 million across 21 suppliers. <sup>1</sup>

At its peak the QEC work in Scottish shipyards is estimated to have directly supported some 4,000 jobs and hundreds of apprentices at the Rosyth and Clyde-based shipyards, a figure which more than doubles when taking account of the supply chain across the UK, which has to date delivered in excess of 25 million individual parts.<sup>2</sup>

# **Building the Carrier**

The design process for the Queen Elizabeth Class has spanned several years owing in part to the fact that several ship building facilities across the UK have been utilised as no single ship yard could deliver each of the entire ships alone.

The QE Class aircraft carriers have been designed in a similar way to the Type 45 Destroyers, using modular build rather than the traditional method of from the keel up. As such, the designers have to be 100% precise, as every section of the ship must meet the other relevant sections exactly with no room for error.

## FMQ and negative press

During the FMQ session on 29 June 2017, the following exchange took place in relation to the aircraft carrier programme:

Murdo Fraser (Mid Scotland and Fife) (Con): This week, we saw the Royal Navy's largest ever warship, the Queen Elizabeth, leave the dock at Rosyth to commence sea trials in the Forth and the North Sea. Will the First Minister join me in paying tribute to the workforce at Rosyth for the completion of that magnificent piece of

<sup>&</sup>lt;sup>1</sup> Aerospace, Defence, Marine and Secrutiv Strategy 2016

<sup>&</sup>lt;sup>2</sup> Aerospace, Defence, Marine and Secrutiv Strategy 2016

Scottish engineering, and in wishing wish them well as they go on to complete the Queen Elizabeth's sister ship, the Prince of Wales?

The First Minister: Yes, I will. I commend all those at Rosyth and elsewhere in Scotland who have contributed to the construction of the Queen Elizabeth. I thank them for their efforts and wish them well as they move on to their next assignment, so I have no difficulty, for once, in agreeing with Murdo Fraser.

Following the session, a press article was published on 30 June 2017 commenting on the lack of Scottish Government praise to the programme with a comment from Murdo Fraser:

Mr Fraser said last night: "It's very disappointing that it took a direct question in the Scottish Parliament to get any kind of acknowledgement from the First Minister about the importance of this project.

"Normally SNP ministers are desperate to associate themselves with engineering projects in Scotland. But when it comes to a major investment for the whole UK, they simply don't want to know."

# **Scottish Shipbuilding Sector**

- The primary ship building facilities used to build the aircraft carriers were based in Glasgow, Appledore in Devon, Hebburn in Tyneside, Birkenhead in Merseyside, Portsmouth and Rosyth in Fife. There are also hundreds of companies based around the UK that make up the wider supply chain and provide many of the component parts used to construct the carrier.
- The shipbuilding sector is defined by SIC (2007) classes 30.11 (Building of ships and boats) and 33.15 (Repair and maintenance of ships and boats).
- In 2015, employment in the shipbuilding sector stood at 2,100 in Fife, accounting for 1.6 per cent of total employment in Fife (135,100)¹. The shipbuilding sector in Fife accounted for 30 per cent of employment in the shipbuilding sector in Scotland as a whole (7,000). (Source: Business Register and Employment Survey)
- In 2014, Gross Value Added (GVA) in the Scottish shipbuilding sector was around £0.5 billion, whilst turnover stood at £1.4 billion. Scottish shipbuilding accounted for a significant proportion of total UK output of the industry (around 30 per cent of turnover and 29 per cent of GVA). (Source: Scottish Annual Business Statistics)

Contact Name:

Ext:



# Queen Elizabeth Class (QEC) Visits Event - 29<sup>th</sup> June 2016

A gentle reminder that you are cordially invited to the Queen Elizabeth Class Visits Event on 29<sup>th</sup> June at Rosyth; the event will include a tour of both ships and a detailed insight into the strategic capability of QEC carriers and the build programme.

The schedule for the day will be:

09:15	Arrive at Rosyth Dockyard
09:30	Welcome and introductions
09:35	Queen Elizabeth Class Strategic Capability presentation
09:55	Aircraft Carrier Alliance Programme Overview
10:25	HMS Queen Elizabeth Overview
10:55	Q&A Session
11:25	H&S brief
11:25	Change into Personal Protection Equipment
11:45	Tour of HMS Queen Elizabeth and HMS Prince of Wales in build
14:30	Buffet Lunch
15:00	Closing words
15:05	Depart

The ACA will provide transfers between Edinburgh Airport, Dakota Hotel and Rosyth. Recommended flights and accommodation are detailed below.

Arrange	ements i	for th	ne day a	re being co-o	rdina	ated by			A <u>CA Vi</u> s	sits &
Event				appreciate						
					or	teleph	one		to co	nfirm
whethe	r or not	you	will be al	ole to attend.	Plea	se note	e that du	ie to limite	d availa	ability
this inv	itation is	s for	you only	and your spa	ice w	ill be a	llocated	to another	individ	lual if
you car	not atte	end. I	Respons	es are requi	red	by Frid	lay 10 <sup>th</sup>	June.		

I hope that you are able to accept this invitation and we look forward to showing you the exciting progress we are making on the programme. . If you have any questions, please do not hesitate to contact us.

Yours sincerely,

Queen Elizabeth Class Managing Director

In the interest of Health and Safety, Personal Protective Equipment will be required during the ship tour. While the ACA can provide Personal Protective Equipment if

required, Royal Navy personnel are encouraged to wear their own Foul Weather Jackets and DMS boots on-board. If you require PPE to be provided for you could you please inform us of your jacket and shoe size by completing the form attached.

# Recommended flights:

London

British Airways Flight BA1432 London Heathrow to Edinburgh
 British Airways Flight BA1455 Edinburgh to London Heathrow

Bristol

0635 EasyJet Flight EYZ421 Bristol to Edinburgh

1815 EasyJet Flight EYZ428 Edinburgh to Bristol

Transport will depart Edinburgh Airport at 0845.

#### Recommended Hotel:

Dakota Forth Bridge South Queensferry Edinburgh Midlothian EH30 9QZ

Tel: +44 (0)131 319 3690 www.dakotahotels.co.uk

Transport will depart the hotel at 0900.

Please let us know your travel and hotel details once confirmed so we can make the necessary transport arrangements.

This email has been scanned by the Symantec Email Security.cloud service. For more information please visit <a href="http://www.symanteccloud.com">http://www.symanteccloud.com</a>							
******	-						
This email has been received from an external party and							
has been swept for the presence of computer viruses.							
***************************************							

# Queen Elizabeth Class (QEC) Visits Event

Security
Please complete the information below.
Name:
Company
Job title:
Nationality
Contact number (should we need to contact you on the day):
Health & Safety
In the interest of Health and Safety, Personal Protective Equipment will be required onsite and during the ship tour. We encourage all attendee to bring their own Hi Vis jackets and shoes to the event. The ACA will provide hard hats and safety glasses on the day.
If you require PPE to be provided for you could you please inform us of your jacket and shoe size by completing the form below.
Jacket size S M L XL
Shoe size
Any special assistance required?

# **Transport**

We will provide transfers Edinburgh Airport, Dakota hotel and Rosyth

Flight number
Arrival time
Flight number
Departure time

If you are making your own travel arrangements do you require a parking space to be reserved at Rosyth?

# **Dietary**

Do you have any dietary needs? Yes/No

If yes please state

Please	return	the	attached	form	to				<u> </u>	" - · · - · · ·	or
telepho	ne 📉	. " .									

# QEC VIP Day - about your invitation

As HMS Queen Elizabeth nears her final stages of commissioning and preparation programme and with HMS Prince of Wales nearing the end of construction phase, the opportunities to visit the two ships at Rosyth in Scotland are now scarce. Previous VIPs to the carrier have often commented on the considerable impact the physical experience of walking onboard the carrier had – it brought their national significance, their strategic capability, their complexity and their scale to life in a way that briefings or written articles cannot match. As a key individual within your field, you have been invited to this VIP day to gain the valuable insight a visit endows, to meet some of the Ship's Company and the Aircraft Carrier Alliance Teams constructing the Ships and to inform your future involvement with the carrier programme.

#### **KEY POINTS**

- The Queen Elizabeth Class (QEC) aircraft carriers provide the UK Government with significant strategic and military choice, offering the ability to operate at a time and place of our choosing, without reliance on other States, in support of the UK's diverse diplomatic, security and economic interests around the globe.
- Carrier Strike comprises the UK's new Queen Elizabeth Class (QEC) aircraft carriers, F-35B Lightning II aircraft, and the Crowsnest Airborne Command and Control System (ASaCS). The Queen Elizabeth Class (QEC) aircraft carriers are the most capable and powerful surface warships ever constructed in the UK. With an expected service life of up to 50 years, the carriers will be highly versatile and potent joint defence assets, able to meet the widest range of tasks around the world.
- They are the only Aircraft Carriers in the world designed specifically for carrier strike operations with the F-35B Lightning II aircraft, an advanced, 5<sup>th</sup> generation aircraft procured to operate in the maritime environment. It will be jointly manned by the Royal Navy and the Royal Air Force, and will also operate from land bases.





From: Cabinet Secretary for Economy, Jobs and Fair Work

Sent: Thursday, September 7, 2017 6:50 PM

To: Cc:

Communications Economy

**Subject:** Re: Aircraft carrier ceremony - quote for clearance

Thanks

Mr Brown is content though has asked if we can add in something like "having had the opportunity to visit the QE during its construction" somewhere.

No need to clear again.

Та

Private Office for Keith Brown MSP, Cabinet Secretary for Economy, Jobs and Fair Work The Scottish Government | St Andrew's House, Edinburgh, EH1 3DG | Web: www.gov.scot Mob: Email: CabSecEJFW@gov.scot

From:

Sent: Thursday, 7 September 2017 18:33

**To:** Cabinet Secretary for Economy, Jobs and Fair Work

Cc:

Communications Economy

Subject: Aircraft carrier ceremony - quote for clearance

Hi

Mr Brown asked for a positive quote to be drafted ahead of his attendance tomorrow at the ceremony to name the new aircraft carrier.

We would plan to issue this widely tomorrow.

Grateful for clearance.



Economy Secretary Keith Brown said:

"It is good to be back here today at Rosyth, to witness this ceremony to name the Prince of Wales aircraft carrier, congratulate everybody involved in the building of this ship and to recognise the top quality skills of the workforce on display.

"With their proud shipbuilding history, it is fitting that the yards on the Clyde and at Rosyth, could play such a pivotal role in the construction of this massive vessel and of course, its sister ship the HMS Queen Elizabeth.

"The expertise that went into the design, engineering and build of this vessel is a testament to our shipbuilding capabilities in Scotland.

"This is further proof that Scottish shipyards possess the skills and capability to deliver ships of high quality."

Thanks Mr Brown is content.

| Private Secretary to Keith Brown MSP, Cabinet Secretary for Economy, Jobs and

Fair Work

The Scottish Government | Web: www.gov.scot

Tel: | Email: CabSecEJFW@gov.scot

From:

Sent: 07 December 2017 13:07

To: Cabinet Secretary for Economy, Jobs and Fair Work

Cc: Head DPU;

Subject: HMS QE - statement and social

Hi .....

As you know, there was a commissioning ceremony for the HMS Queen Elisabeth in Portsmouth today. Suggest issuing the following statement and social media from Mr Brown proactively. SpAds and officials have cleared the following. Appreciate Mr Brown's feedback – by 1445 if possible pls.

#### Statement

Economy Secretary and veterans Minister Keith Brown said:

"The commissioning of the HMS Queen Elizabeth is a testament to the skills, experience, and dedication of the shipbuilding industry in Scotland – as well as other parts of the UK.

"The 280 metre long, 65,000 tonne ship represents the cutting edge of design and engineering – and I'm very proud that the yards on the Clyde and Rosyth could play such a pivotal role in its construction.

"The ship will hopefully serve the Royal Navy well for many years to come, as one of the finest ships in its class in the world."

#### Tweet:

'.@keithbrownsnp: "HMS Queen Elizabeth was commissioned in Portsmouth today – one of the greatest feats of ship engineering in the world in recent years, largely thanks to the skills of workers in Rosyth and the Clyde. I'm sure she will serve the Royal Navy well for many years to come."

Please see suggested lines:

I am delighted to be back here today at Rosyth, to witness this ceremony which marks an important achievement for the Prince of Wales aircraft carrier.

I am extremely proud that the yards on the Clyde and at Rosyth could play such a pivotal role in the construction of this massive vessel and of course, its sister ship the HMS Queen Elizabeth.

The expertise that went into the design and engineering of this vessel is a testament to our shipbuilding capabilities in Scotland.

This will no doubt be further proof that Scottish shipyards possess the skills and capability to deliver ships of quality and to do so on time.

Attaching the briefing also for your information.

Happy to discuss



<< File: Breifing for Naming Ceremony of HMS Prince of Wales - 8 Sept 2017.doc >>

# | Senior Policy Manager

Manufacturing & Construction | Innovation, Investment & Industries Division | The Scottish Government

3rd Floor, Atlantic Quay | 150 Broomielaw | Glasgow | G2 8LU (ext. ) | Mob

It should be Queen Elizabeth with a 'z'.

| Head of Manufacturing & Construction | Innovation, Investment & Industries Division | The Scottish Government | The Scottish Government | The Scottish Government | Glasgow | G2 8LU | t: | Sent: 07 December 2017 13:04 | To: Maxwell S (Stewart) (Special Adviser); Nicolson S (Stuart) Special Adviser | Cc: | Subject: RE: HMS Queen Elisabeth commissioning - Keith Brown statement and social

Thanks Stewart. Will send to Minister.

From: Maxwell S (Stewart) (Special Adviser)

Sent: 07 December 2017 13:04

To: Nicolson S (Stuart) Special Adviser

Cc:

Subject: RE: HMS Queen Elisabeth commissioning - Keith Brown statement and social

One small suggested deletion to the tweet.

From:

**Sent:** 07 December 2017 12:00

To: Maxwell S (Stewart) (Special Adviser); Nicolson S (Stuart) Special Adviser

Cc:

Subject: HMS Queen Elisabeth commissioning - Keith Brown statement and social

SpAds.

As you know, there is a commissioning ceremony for the HMS Queen Elisabeth in Portsmouth today. Suggest issuing the following statement and social media from Mr Brown proactively. Appreciate your feedback – by 1330 if possible pls.

Statement

Economy Secretary and veterans Minister Keith Brown said:

"The commissioning of the HMS Queen Elisabeth is a testament to the skills, experience, and dedication of the shipbuilding industry in Scotland – as well as other parts of the UK.

"The 280 metre long, 65,000 tonne ship represents the cutting edge of design and engineering – and I'm very proud that the yards on the Clyde and Rosyth could play such a pivotal role in its construction.

"The ship will hopefully serve the Royal Navy well for many years to come, as one of the finest ships in its class in the world."

#### Tweet:

'.@keithbrownsnp: "HMS Queen Elizabeth was commissioned in Portsmouth today – one of the greatest feats of ship engineering in the world in recent years, largely thanks to the skills of scottish workers in Rosyth and the Clyde. I'm sure she will serve the Royal Navy well for many years to come."



Revised the tweet! As tweets are supposed to be short, and I already think it's a bit lengthy, I decided to remove the specifics of each of the roles played by the yards. But not a problem, will need to go through comms anyways and I'm sure they will tell us otherwise. Let me know what you think.

"I am delighted of the news that the HMS Queen Elizabeth has been commissioned which undoubtedly marks a significant milestone for the aircraft carrier.

This demonstrates the remarkable skills and expertise that went in to the design and engineering of the vessel and I am very proud that the yards on the Clyde and Rosyth could play such a pivotal role in its construction.

The joint efforts of BAE on the Clyde and Babcock at Rosyth not only proves that we have a capable and experienced shipbuilding industry in Scotland but also shows that we are a nation prepared to work in unity to deliver contracts of a considerable scale."

#### Tweet:

"Great to hear that the HMS Queen Elizabeth was commissioned in Portsmouth today – a true testament to the capabilities of the Scottish workforce – our yards on the Clyde and at Rosyth which played a key role in its construction."

Senior Policy Manager	
Manufacturing & Construction   Innovation, Investment & Industries Division   The Scottish Gove	
3rd Floor, Atlantic Quay   150 Broomielaw   Glasgow   G2 8LU   (ext)   M	ob

From:

Sent: 05 December 2017 16:30

To:

Subject: FW: Letter from the Office of the First Minister of Scotland. Our ref: 2017/0042391



Put together the following. Decided just to use the BAE and Babcock line as I only found that one Guardian article that tbh, was a tad unclear on Thales' involvement at Rosyth. Everywhere else I look basically states Babcock at Rosyth – in which I suppose it is *their* yard after all:

"I am delighted of the news that the HMS Queen Elizabeth has been commissioned which undoubtedly marks a significant milestone for the aircraft carrier. This demonstrates the remarkable skills and expertise that went in to the design and engineering of the vessel and I am very proud that the yards on the Clyde and Rosyth could play such a pivotal role in its construction.

The joint efforts of BAE on the Clyde and Babcock at Rosyth not only proves that we have a capable and experienced shipbuilding industry in Scotland but also shows that we are a nation prepared to work in unity to deliver contracts of a considerable scale."

And made a slight tweak to the tweet (try saying that fact five times over!)

#### Tweet:

"Great to hear that the HMS Queen Elizabeth was commissioned in Portsmouth today – a true testament to the capabilities of the Scottish workforce – our yards on the Clyde and at Rosyth which played a key role in its construction."

Grateful for your comments before sending to Comms and SpAds.

| Senior Policy Manager

Manufacturing & Construction | Innovation, Investment & Industries Division | The Scottish Government

3rd Floor, Atlantic Quay | 150 Broomielaw | Glasgow | G2 8LU | (ext. ) | Mob

From:
Sent: 05 December 2017 14:12
To:
Cc:

Subject: RE: Letter from the Office of the First Minister of Scotland. Our ref: 2017/0042391

If we could have lines agreed and up to comms by 1500 on Thursday, that would be really helpful.

Please amend the tweet as required - it was only a suggestion.

Regards,

From:
Sent: 05 December 2017 14:06
To:

Subject: RE: Letter from the Office of the First Minister of Scotland. Our ref: 2017/0042391

## Thanks

Just to provide you with some context, we had some criticism in the form of correspondence from an individual in relation to Scottish Ministers attending the launch of the HMS PoW and would suggest carefully wording the 'see' part of the tweet. I may be being pedantic but if the FM declined an invitation, I would possibly take even more caution.

I can work on the media lines this afternoon but have to shoot off to a meeting - when do you need these by?

# | Senior Policy Manager Manufacturing & Construction | Innovation, Investment & Industries Division | The Scottish Government 3rd Floor, Atlantic Quay | 150 Broomielaw | Glasgow | G2 8LU | (ext. ) | Mob

From: Sent: 05 December 2017 14:00
To: Cc:

Subject: RE: Letter from the Office of the First Minister of Scotland. Our ref: 2017/0042391

No FM was invited and declined.

Senior Policy Officer
Defence Policy Unit
Defence Security and Cyber Resilience
1 WR

St Andrews House Edinburgh

Landline: | Mobile:

From: Sent: 05 December 2017 13:59

Subject: RE: Letter from the Office of the First Minister of Scotland. Our ref: 2017/0042391
Hi
Is Mr Brown going to physically see the commissioning in Portsmouth?
Т
Senior Policy Manager  Manufacturing & Construction   Innovation, Investment & Industries Division   The Scottish Government  3rd Floor, Atlantic Quay   150 Broomielaw   Glasgow   G2 8LU   (ext.   (ext.
From: Sent: 05 December 2017 13:54 To: Cc: Subject: FW: Letter from the Office of the First Minister of Scotland. Our ref: 2017/0042391 Importance: High
Apologies for the short notice but HMS Queen Elizabeth is due to be commissioned on 7 December. The message from comms, below this message, refers.
1. Please see the draft twitter message below. do you agree with the following:
"Great to see the commissioning of HMS Queen Elizabeth in Portsmouth today - the vessel was assembled and completed in Rosyth - a testament to the Scottish Workforce"
Please amend as you see fit.
2. also below, there is also a suggestion that a piece go from Mr Brown about the assembly of the vessel in Scotland. is that something you could provide lines for, please?
Thanks.
Regards,

From: **Sent:** 05 December 2017 11:50 To: Cc: Subject: RE: Letter from the Office of the First Minister of Scotland. Our ref: 2017/0042391 Hi folks. To update that advice from Liz Lloyd is that we should (at the least) welcome the commissioning via social media. That should come from Keith Brown and (possibly) FM. Also, if there is capacity, a first person piece from Keith Brown, extolling the importance of Scottish workers in building the vessel. Liz also asked if there was anybody that Mr Brown could write to about it? I can set up the social media but will need officials to put together the other two. Is this something you have capacity for? I would say that the first-person piece could go on Friday morning, so could be signed off on Thursday afternoon. Happy to discuss. From: Sent: 05 December 2017 11:20 To: Cc: Subject: RE: Letter from the Office of the First Minister of Scotland. Our ref: 2017/0042391 Thanks — will you copy in and and as I am leaving the office now and won't be back until Thursday? Many thanks From: Sent: 05 December 2017 10:49 To:

Subject: RE: Letter from the Office of the First Minister of Scotland. Our ref: 2017/0042391

Hi =====

I've chased up SpAds. Will keep you posted.

From:

Sent: 05 December 2017 08:47

Cc:

Subject: FW: Letter from the Office of the First Minister of Scotland. Our ref: 2017/0042391

Importance: High

Hi 🚐

We spoke yesterday about the invite to the commissioning of HMS Queen Elizabeth in Portsmouth. As discussed the letter declining the invite has now issued. You were chasing with Spads before I return the call to the Royal Navy – Anything back from them yet?

Many thanks



On Behalf Of First Minister

Sent: 04 December 2017 17:37 To: Public Engagement Unit

Cc:

Subject: FW: Letter from the Office of the First Minister of Scotland. Our ref: 2017/0042391

Final reply below

On Behalf Of First Minister

Sent: 04 December 2017 17:03 To: 'navypol-gecrnsatgroup@mod.uk'

Subject: Letter from the Office of the First Minister of Scotland. Our ref: 2017/0042391

Dear **E** 

Please see attached letter from the Office of the First Minister.

<< File: u441857\_04-12-2017\_16-51-33\_1.pdf >> Kind regards,

Assistant Private Secretary to the First Minister

5th Floor | St Andrew's House | Regent Road | Edinburgh | EH1 3DG

<< OLE Object: Picture (Device Independent Bitmap) >>

#### **SHIPBUILDING**

The last official statistics (from 2008), show that Scottish GVA in the shipbuilding sector was £190 million, with turnover at £780 million. This amounts to a significant proportion of the UK output (30% for turnover and over 20% for GVA). In comparison this compared significantly to the 9% which Scotland contributed to the total UK manufacturing turnover.

The statistics are based on Standard Industrial Classification (SIC) codes. Most recent – unofficial date from the sector in 2010 suggest that the total GVA for the marine sector is estimated at £937 million partly due to the new analysis used to measure the size of the sector outwith the narrower SIC codes.

#### Shipbuilding in Scotland, Denmark, Finland, Norway and Sweden

Table 1 shows the available data for shipbuilding in Scotland, Denmark, Finland, Norway and Sweden. Note that Scotland data for 2007 is not fully comparable with data for 2008, due to changes in survey methodology.

Table 1: Building & repairing of ships

Shipbuilding (SIC/ISIC 35.11) in Scotland, Denmark, Finland, Norway & Sweden

	Turnover					
	£ m, not	Turnover as		Employment		Enterprises
	adjusted	percentage of		as % of		as % of
	for	manufacturing	Total	manufacturing	Number of	manufacturin
	inflation	total	Employment	total	Enterprises	g total
Scotland						
1998	790	1.9%	10,100	3.1%	144	1.4%
1999	730	1.8%	8,900	2.8%	133	1.3%
2000	430	1.0%	8,400	2.8%	114	1.2%
2001	500	1.3%	7,100	2.5%	108	1.1%
2002	410	1.2%	6,000	2.3%	105	1.1%
2003	320	1.0%	5,200	2.1%	97	1.1%
2004	510	1.5%	5,700	2.4%	94	1.1%
2005	510	1.4%	5,300	2.3%	89	1.0%
2006	600	1.6%	5,400	2.4%	94	1.1%
2007	820	2.1%	5,600	2.5%	98	1.1%
2008	780	1.7%	6,000	2.9%	121	1.3%
Denmark	-					
2004			3,620	0.9%		
2005			2,997	0.8%		
2007			3,695	1.0%		
Finland						
2004			9,400	2.3%		
2005	4.44		8,700	2.1%		
2008			9,800	2.4%		
Norway						
2004			30,400	11.8%		
2005			30,500	11.9%		
2007			37,700	13.5%		
Sweden	Data unavaila	hle				

Sweden Data unavailable

Scotland data from Annual Business Statistics 2008 (which is based on the Annual Business Inquiry carried out by the ONS), others - OECD STAN Database for Structural Analysis.

Turnover and enterprises data to be updated shortly.

There is no way of knowing which contracts in each are for (1) military shipping; and (2) civil shipping. The ONS business survey does not provide the actual or estimate value of defence and civil contracts to the shipbuilding industry as it does not track the source of sales.

#### Ferguson Shipbuilders

Clyde-based Ferguson Shipbuilders has been awarded a contract worth over £20 million to build the world's first sea-going 'hybrid' ferries – vessels which will combine traditional diesel/electric propulsion with battery power. The contract will secure around 75 existing jobs in the Port Glasgow and Inverclyde area, but create around 100 more. In addition, Ferguson's to create around 20 new apprenticeships directly as a result of this contract.

The two new ferries will come into operation in 2013 and are the first sea going ferries in the world to incorporate a low-carbon hybrid system of diesel/electric and battery power. The technology will be cleaner, quieter and cheaper to operate and maintain than ever before. It will help Scotland to meet our ambitious climate change targets, and demonstrates the vast economic potential of developing green technology and moving to a low carbon economy.

#### Queen Elizabeth Class Aircraft Carriers

The Royal Navy's massive new aircraft carriers are being delivered by the Aircraft Carrier Alliance (ACA) – an alliance between Babcock, BAE Systems, Thales and the Ministry of Defence – and are being built in large blocks at six shipyards around the UK. The huge mid hull section, known as Lower Block 03 (LB03), arrived at Rosyth in August, having been shipped from Govan where it was built by BAE Systems Surface Ships. This was followed by the arrival of the four sections making up Centre Block 03 (CB03), from Newcastle.

From:

Sent: 22 November 2017 16:41:24

To: Public Engagement Unit

Subject: FW: 20171122-HMS QUEEN ELIZABETH's Commissioning

Ceremony-OS - 7 DECEMBER

**PEU** 

Grateful if you could put this on MACCS ASAP, as a diary case for signature by FM

Private Office Diary Team Manager,

Cheers

[cid:image008.jpg@01D363B0.BB850FD0]<a href="https://firstminister.gov.scot/">https://firstminister.gov.scot/</a>

[cid:image003.png@01D363B0.B9AB6DD0] <a href="https://twitter.com/scotgovfm">https://twitter.com/scotgovfm</a>

[cid:image004.png@01D363B0.B9AB6DD0]

<a href="https://www.youtube.com/channel/UCU4113pgRnFJJQLJK35-fbg">https://www.youtube.com/channel/UCU4113pgRnFJJQLJK35-fbg</a>

[cid:image005.png@01D363B0.B9AB6DD0]

<a href="https://www.flickr.com/photos/scottishgovernment/">https://www.flickr.com/photos/scottishgovernment/</a>

[cid:image006.png@01D363B0.B9AB6DD0]

<a href="https://www.facebook.com/TheScottishGovernment">https://www.facebook.com/TheScottishGovernment</a>

[cid:image007.png@01D363B0.B9AB6DD0] <a href="http://www.instagram.com/scotgov">http://www.instagram.com/scotgov</a>

| First Minister's Diary Team | 5th Floor | St Andrew's House |

Regent Road | Edinburgh | EH1 3DG |

Please note, I work a part time flexible working pattern over Tuesday-Friday. My mailbox is not monitored on a Monday.

From: NAVY POL-QEC RN SAT GROUP (MULTIUSER)

[mailto:NAVYPOLQECRNSATGROUP@

mod.ukl

Sent: 22 November 2017 15:58

Subject: 20171122-HMS QUEEN ELIZABETH's Commissioning Ceremony-OS

First Minister

On behalf of the Commanding Officer,

it gives me great pleasure

to invite you to HMS QUEEN ELIZABETH's Commissioning Ceremony.

Date: 7 December 2017

Time: 1030

Location: Princess Royal Jetty, Portsmouth Naval Base.

The reception will commence at 1030 on board HMS QUEEN ELIZABETH and will

conclude at 1430.

Invitations to this prestigious event are extended to the invitee and one guest.

Please confirm your attendance by Wednesday 29th November to:

NAVYPOLQECRNSATGROUP@

mod.uk<mailto:NAVYPOL-QECRNSATGROUP@mod.uk>

You are also requested to provide the following details to facilitate entry to

Portsmouth Naval Base and the Restricted Aircraft Carrier Berth:

- Name of your guest
- Postal Address and contact telephone number

- Travel Arrangements including the contact details of those arranging travel
- Car details if travelling by car (Make, Model, Registration No.)
- Any dietary requirements

Official invitations will be issued to the provided postal address upon receipt of your response.

It is with great regret due to the Commissioning Ceremony taking place on board HMS QUEEN ELIZABETH we will be unable to accommodate assisted access requirements.

Guests must be capable of accessing the Ship via steps and an inclined gangway. Yours sincerely

Captain Royal Navy Team Leader RN Strategic Activities Team

This email has been scanned by the Symantec Email Security.cloud service.					
For more information please visit http://www.symanteccloud.com					
- :************************************	****				
************					
This email has been received from an external party and has been swept for the presence of computer viruses.					

\*

MACCS Case Number:	2017/0042391	Re 20°	-	y: 30 November
Correspondent/Organisation:				
Date and time of Event:	Thursday 7th Deconcluding at 14		)17 from	10:30
Location of Event:	Princess Royal of board HMS Que			laval Base on
Overview of invitation and audience profile:	You have been invited along with a guest to attend the Commissioning Ceremony on board of HMS Queen Elizabeth. HM Queen Elizabeth II will perform the honours. Other guests will include a host of dignitaries from the Royal Family, Government and the military.			
Has the Minister been asked to attend of behalf of FM?	Yes	No 🗌		Don't Know
RECOMMENDATION:	Comments: This visit does not link to SG Policy and you will have no formal role.  However, if your diary permits this would be a nice event to attend given that Scotland is at the forefront of the Defence Industry in the UK and Scottish workers have been pivotal in building HMS Queen Elizabeth. The SG continue to support shipbuilding and defence jobs in Scotland and this programme has been a testament to the skills and capability of Scotland's Shipbuilding sector.  If recommendation is to accept, has this advice been			
Has another Minister been asked to attend:	Not yet.			
Main theme that the event supports:	The Scottish Government recognises the contribution every member of our Armed Forces makes and the dangers they face to safeguard our freedom and way of life.			

Main purpose of attending: (Tick as many as apply)	<ul> <li>Explain new policy or a major policy shift</li> <li>Reinforce or illustrate existing policy</li> <li>Improve relations with stakeholders</li> <li>Encourage participation in consultation</li> <li>Recognise contribution to policy implementation</li> <li>Announce funding</li> <li>Other (please specify):</li> </ul>			
Main message to communicate:	This Scottish Government fully supports our Armed Forces, Reservists and Veterans.			
Most appropriate type of Ministerial input:	Your attendance would be as a spectator.			
Dainesta Office views	Diary busy and <b>can't</b> be changed			
Private Office view:	Private Office contact:			
Communications Office views	Comments:	Comms will discuss with Spads and advice will follow.		
Communications Office view:	Communications Office contact:			
Action Officer:				

# Rt Hon Nicola Sturgeon MSP First Minister of Scotland



St Andrew's House, Regent Road, Edinburgh EH1 3DG T: 0300 244 4000



Our ref: 2017/0042391 December 2017

Dear

Thank you for the invitation to the First Minister, to attend HMS Queen Elizabeth's Commissioning Ceremony.

The First Minister would be delighted to accept your kind invitation. I would be grateful if you could contact the First Minister's Assistant Diary Secretary, by email at <a href="mailto:FirstMinister@gov.scot">FirstMinister@gov.scot</a> to make the necessary further arrangements to facilitate entry to the Portsmouth Naval Base and the restricted Aircraft Carrier Berth.

Yours sincerely,

### Rt Hon Nicola Sturgeon MSP First Minister of Scotland



St Andrew's House, Regent Road, Edinburgh EH1 3DG T: 0300 244 4000



Our ref: 2017/0042391 December 2017

Dear:

Thank you for the invitation to the First Minister, to attend HMS Queen Elizabeth's Commissioning Ceremony.

Unfortunately, due to considerable diary pressures, the First Minister is unable to accept your kind invitation. The First Minister has asked me to pass on her very best wishes for a successful event.

Yours sincerely,

aircraft carrier





The Managing Director of the Aircraft Carrier Alliance requests the honour of your presence at the naming geremony of

# HMS PRINCE OF WALES

on 8 September 2017 at Rosyth Dockyard

COMMITMENT

COURAGE

DISCIPLINE

RESPECT

INTEGRITY LOYALTY

DATE

RECEIVED 14 JOL 2017

8 September 2017

TIME

11.00

#### LOCATION

Rosyth Business Park, Rosyth, Dunfermline, Fife, KY11 2YD

#### **RSVP**

Sarah Gardner: using enclosed card by 1 August 2017

## DRESS CODE

RN No. 1B | Civilian - lounge suit or equivalent

Please bring this invitation card on the day of the event, along with a form of photographic I.D.

Invitation ID

1310

Name and Title			
		***************************************	
In block capitals, please include title, first name			***********
I will / will not be able to attend Please delete as appropriate	Ċ	I will travel by train	į
I will travel by car		I will travel by air	ļ
l will arrive by taxì		Special dietary requirements	
Contact details for travel arrangen	nents	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	**********
***************************************		141347444444444444444444444444444444444	*****

MACCS Case Number:	2017/0025297		Respond by	/: 17 August 2017
Correspondent/Organisation:	, Aircraft Carrier Alliance			
Date and time of Event:	8 September 2017 at 11:00			
Location of Event:	Rosyth Business Park, Rosyth, Dunfermline, Fife, KY11 2YD			
Overview of invitation and audience profile:	You have been invited to the official Naming Ceremony of HMS Prince of Wales.			
Has the Minister been asked to attend of behalf of FM?	Yes 🗌	No 🛭	3	Don't Know
RECOMMENDATION:	ACCEPT		·	
	Comments: The then First Minister, Alex Salmond, attended the Naming Ceremony for the HMS Queen Elizabeth on 4 July 2014.  Attending this event would demonstrate continuing support to the shipbuilding industry and provide the opportunity to commend the achievement through networking.  The then First Minister did not have a formal role at the naming ceremony for the HMS Queen Elizabeth.  If recommendation is to accept, has this advice been agreed with your Head of Division? Yes No			
Has another Minister been asked to attend:	No.			
Main theme that the event supports:	Scotland is at the forefront of Defence Industry in the UK and has a shipbuilding capability the match of anywhere in the world.			

Main purpose of attending: (Tick as many as apply)	<ul> <li>Explain new policy or a major policy shift</li> <li>Reinforce or illustrate existing policy</li> <li>Improve relations with stakeholders</li> <li>Encourage participation in consultation</li> <li>Recognise contribution to policy implementation</li> <li>Announce funding</li> <li>Other (please specify):</li> </ul>			
Main message to communicate:	The Scottish Government recognises the skill and expertise that went into the design and engineering of this massive vessel and are immensely proud that the yards on the Clyde and at Rosyth could play such a pivotal role.			
Most appropriate type of Ministerial input:	Launch event – First Minister support. No formal role.			
Private Office view:	N/A – no date yet.  Private Office contact:			
Communications Office view:	Comments: Communications Office contact:	N/A – private meeting Insert Name and Ext		
Action Officer:				

## Rt Hon Nicola Sturgeon MSP First Minister of Scotland



St Andrew's House, Regent Road, Edinburgh EH1 3DG T: 0300 244 4000



Our ref: 2017/0025297

July 2017

Thank you for your invitation to the First Minister, requesting her presence at the naming ceremony of the HMS Prince of Wales, at Rosyth Dockyard, on 8 September 2017.

The First Minister would be delighted to accept your kind invitation. I would be grateful if you could contact the First Minister's Assistant Diary Secretary, by email at <a href="mailto:FirstMinister@gov.scot">FirstMinister@gov.scot</a> to make the necessary further arrangements.

Yours sincerely,

# Rt Hon Nicola Sturgeon MSP First Minister of Scotland



St Andrew's House, Regent Road, Edinburgh EH1 3DG T: 0300 244 4000



Our ref: 2017/0025297 August 2017

Dear

Thank you for your invitation to the First Minister, requesting her presence at the naming ceremony of the HMS Prince of Wales, at Rosyth Dockyard, on 8 September 2017.

Unfortunately, due to considerable diary pressures, the First Minister is unable to accept your kind invitation. However Keith Brown MSP, Cabinet Secretary for the Economy, Jobs and Fair Work, would be delighted to represent the Scottish Government at the event. Therefore, I ask that you contact Mr Brown's office at <a href="mailto:CabSecEJFW@gov.scot">CabSecEJFW@gov.scot</a> to make the necessary further arrangements.

The First Minister has asked me to pass on her very best wishes for what she is sure will be a successful ceremony.

Yours sincerely,

#### REASONS FOR NOT PROVIDING INFORMATION

#### The following exemptions apply to your request

#### Section 38(1)(b)

An exemption under section 38(1)(b) of FOISA (personal information) applies to a small amount of the information requested because it is personal data of a third party, ie names/contact details of individuals, and disclosing it would contravene the data protection principles in Schedule 1 to the Data Protection Act 1998. This exemption is not subject to the 'public interest test', so we are not required to consider if the public interest in disclosing the information outweighs the public interest in applying the exemption.

#### Section 25

Section 25 (1) of the Freedom of Information (Scotland) Act 2002 (the Act) exempts information from disclosure where the requester can reasonably obtain the information without making a request for it.

#### Section 33

Section 33 of the Freedom of Information (Scotland) Act 2002 (FOISA) contains four distinct exemptions. Information may be withheld if:

- it is a trade secret (section 33(1)(a));
- disclosure would (or would be likely to) prejudice substantially the commercial interests of any person or organisation (section 33(1)(b));
- disclosure would (or would be likely to) prejudice substantially the economic interests of the whole or part of the UK (section 33(2)(a)); or
- disclosure would (or would be likely to) prejudice substantially the financial interests of an administration in the UK (section 33(2)(b)).

