

# News story: Update: air strikes against Daesh

*Updated:* Updated with new strikes.

## **Summary**

- Monday 15 October – Tornados destroyed a Daesh observation post in eastern Syria.
- Wednesday 17 October – Tornados demolished another terrorist observation post in eastern Syria.
- Sunday 21 October – Typhoons struck a Daesh strong-point which was firing at the Syrian Democratic Forces.
- Monday 22 October – Tornados bombed a base for a terrorist improvised explosive device team in eastern Syria.
- Wednesday 24 October – Tornados destroyed an armed truck, and two strong-points which were firing at the Syrian Democratic Forces.
- Friday 26 October – Tornados bombed a further two strong-points with which the Syrian Democratic Forces were engaged in a firefight.
- Sunday 28 October – a Reaper attacked a group of terrorists caught in the open in eastern Syria, whilst Typhoons collapsed the entrance to a cave containing stockpiled weapons in northern Iraq.

## **Detail**

Royal Air Force aircraft have continued to provide support to the Syrian Democratic Forces' operations against the last significant pocket of Daesh-held territory in the Euphrates valley of eastern Syria. On Monday 15 October, two Tornado GR4s were tasked with the destruction of a terrorist observation post which had been identified to the south-east of Hajin. A single Paveway IV guided bomb was released and this scored a direct hit on the observation post, destroying it. A further such observation post was identified to the north-east of Abu Kamal on Wednesday 17 October, and was again dealt with effectively by a Paveway attack delivered by a Tornado flight. As normal, the Tornados were supported by a Voyager air refuelling tanker, based alongside them at RAF Akrotiri.

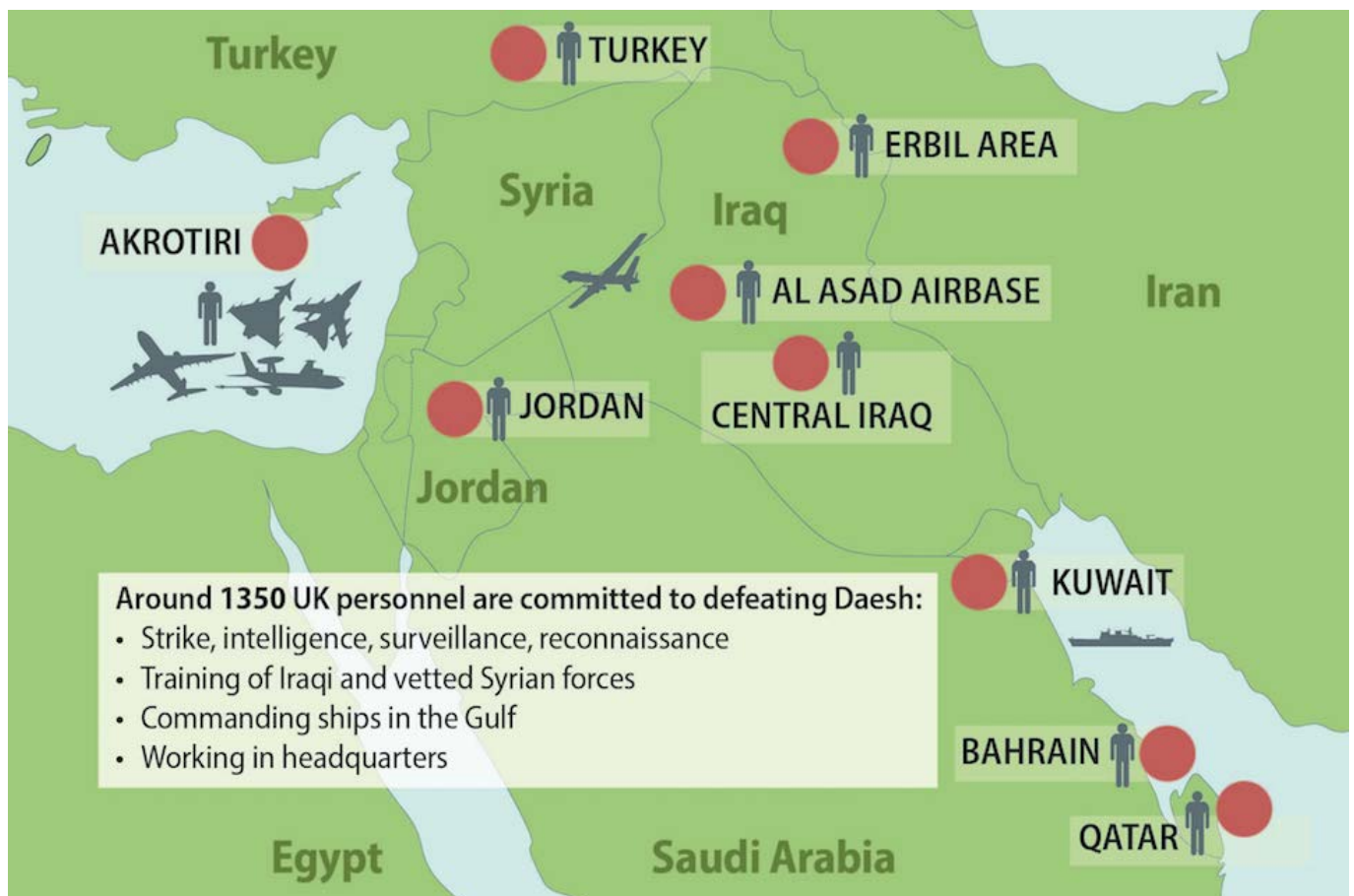
Typhoon FGR4s provided further support to the SDF on Sunday 21 October. That evening, an SDF advance came under fire from a Daesh strong-point some five miles north-east of Abu Kamal. The Typhoon flight conducted a carefully planned attack with a single Paveway IV, which struck the strong-point and immediately eliminated the threat to the SDF.

Intelligence identified a small building north-east of Abu Kamal as a base for terrorists planting improvised explosive devices. Two Tornados carried out an attack with a Paveway IV on Monday 22 October, which destroyed the target and caused a number of secondary blasts as the explosives inside detonated. On Wednesday 24 October, another Tornado flight provided further

close air support to the SDF in the same area. Our aircraft struck a truck, armed with a pair of anti-aircraft guns, with a Paveway; the attack also accounted for a number of terrorists close to the vehicle. The SDF then encountered two successive Daesh strong-points, both of which engaged the SDF at short range. Despite the proximity of the SDF to the two targets, the Tornados were able to strike both of the terrorist positions with Paveway IVs.

Despite very challenging weather, Tornados again supported the SDF north-east of Abu Kamal on Friday 26 October. The SDF reported being in close combat with Daesh positioned in two strong-points. The Tornados had to bomb through cloud, unable to see either the target or the friendly forces close by, but the SDF reported both targets to have been hit accurately by the Paveway IVs. On Sunday 28 October, a Reaper conducted armed reconnaissance over the Abu Kamal area, and carried out a successful attack with a Hellfire missile, striking a group of terrorists spotted manoeuvring through fields. In northern Iraq, a Daesh stockpile of weapons had been identified in a set of caves on a hillside thirty miles north-west of Kirkuk; a Typhoon flight was able to collapse the entrance to the caves using Paveway IVs.

## UK contribution to the fight against Daesh

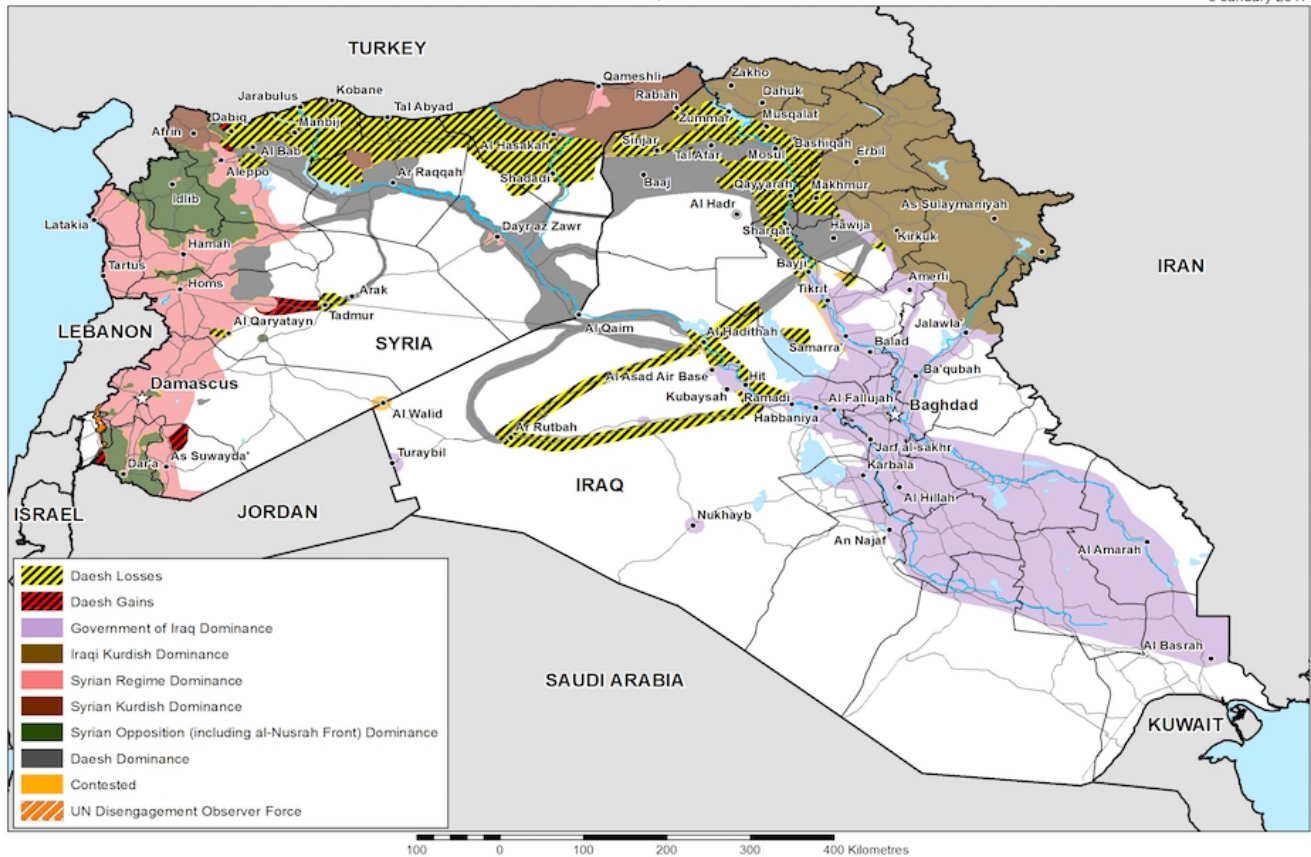


Map of UK forces committed to Operation Shader

## Campaign against Daesh

## DAESH - LOSSES & GAINS IN IRAQ & SYRIA SINCE SEPTEMBER 2014

9 January 2017



Map of Daesh losses and gains in Iraq and Syria since September 2014

### Previous update

With the Syrian Democratic Forces continuing their offensive against the last major pocket of Daesh-held territory in eastern Syria, centred on Hajin, Royal Air Force aircraft have provided further intensive support. As in the previous month, a particular focus has been on terrorist positions north-east of Abu Kamal. On Wednesday 3 October, an RAF Reaper detected a Daesh mortar which was firing on SDF forces a short distance away. Two RAF Tornado GR4s were also on task in the area, and they struck the mortar position with a single Paveway IV guided bomb.

The following day, an SDF attack on a Daesh position encountered a truck-bomb which was blocking their advance towards a terrorist strong-point in a nearby building. Tornados destroyed the truck-bomb using a Brimstone missile, then demolished the strong-point with a Paveway IV. Another building in the area was then identified as not only Daesh-held, but a probable facility for further improvised truck-bombs. This target was also destroyed with a Paveway IV.

On Friday 5 October, Typhoons bombed a Daesh command post north-east of Abu Kamal using two Paveway IVs. Nearby, a flight of Tornados supported the SDF, who had come up against a Daesh-held compound. The SDF were very close to the target, but careful coordination allowed the Tornados to strike the two key buildings within the compound with Paveway IVs. A Reaper provided further support in the same area on Saturday 6 October, and an attack delivered with a GBU-12 guided bomb successfully disrupted firing by Daesh on the SDF.

Typhoons and Tornados were working further north, near Hajin, and used Paveway IVs and a Brimstone missile to deal with four Daesh mortar positions and a weapons stockpile.

A Reaper's crew successfully targeted Daesh fighters who had positioned themselves beneath trees in the Hajin area on Sunday 7 October, hitting them with a Hellfire missile. Closer to Abu Kamal, Typhoons meanwhile destroyed a terrorist command post.

Despite bad weather, our aircraft were able to provide effective close air support to the SDF at both the northern and southern ends of the Hajin pocket on Thursday 11 October. North of Hajin, a flight of Typhoons and a flight of Tornados used Paveway IVs to destroy three Daesh-held buildings which the SDF had encountered. In the south, close to the border with Iraq, a second pair of Tornados bombed two groups of terrorists spotted in the open; one of the attacks also destroyed the extremists' vehicle.

A Daesh armed truck was spotted north-east of Abu Kamal on Friday 12 October, and was destroyed by a direct hit from a Paveway IV dropped by a Typhoon flight. A pair of Tornados conducted one attack through thick cloud, striking a tunnel – again to the north-east of Abu Kamal – then delivered a second successful attack with two Paveways against a Daesh-held building near Hajin. On Saturday 13 October, Typhoons bombed a Daesh strong-point north of Hajin, whilst Tornados struck a second such defensive position north-east of Abu Kamal. The Tornados also attacked a mortar position and a Daesh command post in the same area, using Paveway IVs.

Our aircraft were able to attack successfully three known terrorist command and control locations on Sunday 14 October, all in and around Hajin. Typhoons dealt with two of the targets, including one where a Daesh attack planning team were reported to be present at the time, whilst Tornados destroyed the third.

Details of previous airstrikes can be found [here](#).

For more information see [Daesh: UK government response](#) page on GOV.UK

---

## [Update: air strikes against Daesh](#)

Published 29 January 2016

Last updated 13 October 2022 [+ show all updates](#)

### 1. 13 October 2022

Update: RAF Reaper strike on Daesh terrorist in Iraq

### 2. 2 July 2022

Update: RAF Reaper strike on Daesh terrorists in Iraq

3. 16 December 2021

Updated strike statement

4. 27 November 2021

Updated on Saturday 27 November.

5. 20 September 2021

Updated strike statement

6. 25 June 2021

Added content under useful information heading.

7. 17 May 2021

Updated Strike Statement

8. 8 April 2021

Updated strike activity.

9. 23 March 2021

Update on latest strikes

10. 15 March 2021

Updating strike statement

11. 18 February 2021

Updated strike statement

12. 30 January 2021

Updated strike statement

13. 14 October 2020

Updated air strikes

14. 12 September 2020

We are updating with new strikes information

15. 15 July 2020

Updated strike statement

16. 29 May 2020

Updated strikes

17. 5 May 2020

Updated strikes

18. 25 April 2020

Updated detail on airstrikes against Daesh

19. 27 September 2019

Updated strike

20. 16 September 2019

Updated strikes

21. 13 August 2019

Updated strikes

22. 1 July 2019

New strikes

23. 29 April 2019

Updated strikes

24. 25 March 2019

Updated strikes

25. 4 March 2019

Update to strikes

26. 25 February 2019

Updated strikes

27. 22 February 2019

Fresh strikes

28. 10 January 2019

Updated strikes

29. 20 December 2018

Updated strikes

30. 20 December 2018

Updated with new strikes

31. 26 November 2018

Update

32. 30 October 2018

Updated with new strikes.

33. 16 October 2018

Updated strike statement.

34. 3 September 2018

Updated strikes

35. 3 August 2018

Update

36. 26 June 2018

Update to strikes

37. 15 June 2018

Update to strikes

38. 25 May 2018

Updated Friday 25 May 2018

39. 9 May 2018

Update on strikes

40. 8 May 2018

Update to strike.

41. 4 April 2018

Update to strikes

42. 13 February 2018

Updated 13 February 2018

43. 6 February 2018

reformatted

44. 6 February 2018

Reformatted

45. 23 January 2018

Updated 23 January 2018

46. 15 January 2018

Update to strike statement

47. 8 January 2018

Update.

48. 11 December 2017

Updated 11 December 2017

49. 28 November 2017

Update to strikes

50. 14 November 2017

Update to strikes

51. 10 October 2017

Update to strike statement

52. 30 September 2017

Update to strike statement

53. 31 August 2017

update to strike statement

54. 22 August 2017

Update to strike statement

55. 8 August 2017

Update to strike statement

56. 31 July 2017

Update to strike statement.

57. 31 July 2017

Update to strike statement.

58. 31 July 2017



Update to statement

59. 31 July 2017

Update to strike statement.

60. 25 July 2017

Update to strike statement.

61. 17 July 2017

Updated strike statement.

62. 13 July 2017

Update to strike statement.

63. 10 July 2017

Updated strike statement.

64. 6 July 2017

update

65. 6 July 2017

update

66. 3 July 2017

update

67. 30 June 2017

update

68. 12 June 2017

update

69. 6 June 2017

Strike update

70. 30 May 2017

Strike update

71. 22 May 2017

Strike update.

72. 16 May 2017

update

73. 9 May 2017

update

74. 2 May 2017

update

75. 24 April 2017

update

76. 19 April 2017

update

77. 10 April 2017

update

78. 4 April 2017

update

79. 28 March 2017

update

80. 28 March 2017

update

81. 21 March 2017

update

82. 13 March 2017

update

83. 9 March 2017

update

84. 6 March 2017

update

85. 28 February 2017

update

86. 23 February 2017

Latest strike update

87. 16 February 2017

Latest strike update

88. 11 February 2017

update

89. 2 February 2017

update

90. 30 January 2017

update

91. 24 January 2017

update

92. 20 January 2017

update

93. 17 January 2017

update

94. 12 January 2017

update

95. 9 January 2017

update

96. 4 January 2017

Latest strike update

97. 3 January 2017

update

98. 2 January 2017

update

99. 2 January 2017

latest update

100. 28 December 2016

Updated strike update.

101. 22 December 2016

update

102. 15 December 2016

Latest strike update.

103. 12 December 2016

Update

104. 5 December 2016

Updated with video.

105. 5 December 2016

Updated information on air operations against Daesh.

106. 28 November 2016

update

107. 25 November 2016

update

108. 24 November 2016

Video added

109. 21 November 2016

update

110. 17 November 2016

update

111. 14 November 2016

Update

112. 10 November 2016

update

113. 7 November 2016

Update

114. 2 November 2016

Update

115. 28 October 2016

update

116. 25 October 2016

Update

117. 21 October 2016

update

118. 21 October 2016

change to caption

119. 19 October 2016

Update

120. 17 October 2016

update

121. 10 October 2016

Update

122. 6 October 2016

update

123. 6 October 2016

updated

124. 6 October 2016

update

125. 3 October 2016

Update

126. 3 October 2016

Update

127. 28 September 2016

Update

128. 23 September 2016

Amended to reflect latest strike update.

129. 14 September 2016

Amended to provide the most recent update.

130. 7 September 2016

update

131. 2 September 2016

Operational update

132. 26 August 2016

Updated strike statement

133. 22 August 2016

Operational update

134. 12 August 2016

update

135. 8 August 2016

Strike update

136. 3 August 2016

update

137. 25 July 2016

Strike update

138. 20 July 2016

Update

139. 14 July 2016

Operational update.

140. 11 July 2016

Strike update

141. 7 July 2016

Strike update

142. 5 July 2016

- Operational update.
143. 30 June 2016
- Operational update.
144. 27 June 2016
- Operational update.
145. 22 June 2016
- Operational update.
146. 16 June 2016
- Operational update.
147. 13 June 2016
- Operational update
148. 9 June 2016
- Operational update.
149. 6 June 2016
- Operational update
150. 2 June 2016
- Operational update
151. 31 May 2016
- Operational update
152. 24 May 2016
- Operational update.
153. 19 May 2016
- Operational update
154. 9 May 2016
- Operational update
155. 4 May 2016
- Operational update.
156. 26 April 2016

- Operational update.
157. 19 April 2016  
Operational update
158. 14 April 2016  
Operational update
159. 8 April 2016  
Operational update.
160. 4 April 2016  
Operational update
161. 30 March 2016  
Ou.
162. 22 March 2016  
Operational update
163. 15 March 2016  
Operational update
164. 11 March 2016  
Operational update.
165. 7 March 2016  
Operational update
166. 1 March 2016  
Operational update
167. 23 February 2016  
Operational update
168. 19 February 2016  
Operational Update
169. 15 February 2016  
Operational update
170. 2 February 2016



Operational update

171. 29 January 2016

First published.

---

## [Travel and health advice for Hajj pilgrims](#)

Published 1 September 2015

Last updated 22 July 2019 [+ show all updates](#)

1. 22 July 2019 updated link
2. 25 June 2019 updated with latest information including a link to Saudi government guidance
3. 23 July 2018 updated the attachments for Hajj2018
4. 1 September 2015 First published.

---

## [News story: Welcome to our new MHRA website](#)

Medicines & Healthcare products  
Regulatory Agency

**What the Medicines and Healthcare products  
Regulatory Agency is doing**

**Latest from the Medicines and Healthcare products  
Regulatory Agency**

# What the Medicines and Healthcare products Regulatory Agency does

## Documents

## Our management



[Dr June Raine](#)

Director of Vigilance and Risk Management of Medicines



[John Quinn](#)

Director of Transformation and Chief Digital and Information Officer

## Contact MHRA

### Make an FOI request

1. Read about the Freedom of Information (FOI) Act and [how to make a request](#).
2. Check [our previous releases](#) to see if we've already answered your question.
3. Make a new request by contacting us using the details below.

---

## UK overseas intellectual property attaché network

Also referred to as Intellectual Property (IP) attachés, the IP liaison officers work with local UK Department for International Trade (DIT) and Foreign and Commonwealth Office (FCO) leads to provide support for UK businesses seeking advice on local IP matters.

They also:

- raise awareness of IP through business outreach. This includes briefing business delegations, joint webinars with DIT and local trade associations
- liaise with host governments and stakeholders about local and international IP frameworks / environment

### Contact details

#### **Kayleigh Nauman: Attaché North America**

Career history: Before joining the Intellectual Property Office (IPO), Kayleigh worked for a Member of Congress in the US House of Representatives. There, she managed a diverse portfolio, working on intellectual property, trade, and telecommunications; developing and writing legislation; and supporting Congressional oversight of executive agencies. Previously, Kayleigh worked in local and state government in Wyoming, USA. She is a Fulbright Scholar and holds an MPhil from Emmanuel College at the University of Cambridge, UK.

Focus in North America: Supporting the IPO's input into any Free Trade

Agreement (FTA) with the United States and providing insight into US IP policies and IP discussions they may have with global trading partners. Kayleigh also focusses on building cooperation between the US and UK on IP matters such as global treaties, simplifying international patent procedures and approaches to IP enforcement. Finally, Kayleigh can provide IP advice and support to UK businesses operating or trading with the US, Canada and Mexico.

Contact details: email: [kayleigh.nauman@fco.gov.uk](mailto:kayleigh.nauman@fco.gov.uk); tel: +44 202 588 1232; address: 3100 Massachusetts Ave NW, Washington, DC 20008, USA.

### **Christabel Koh: South East Asia**

Joined IPO: August 2013

Career history: Prior to working for the UK Government, Christabel spent six years at the IP Office of Singapore and the IP Academy, last serving as an Assistant Director of Special Projects. In her roles she focused on international cooperation, IP capacity building and monitored IP developments. She also co-founded Just Tee It in 2007, an online golf portal. Her roles covered product development, marketing channel management and enhancing customers' digital experience. She holds a MSc in Technopreneurship and Innovation from Nanyang Technological University in Singapore and University of Washington, Seattle, WA.

Contact details: email: [christabel.koh2@fco.gov.uk](mailto:christabel.koh2@fco.gov.uk); tel: +65 9619 1675; address: British High Commission Singapore, 100 Tanglin Road, Singapore 247919.

### **Desmond Tan: South East Asia**

Joined IPO: April 2018

Career history: Prior to joining the Intellectual Property Office (IPO), Desmond was Senior Assistant Director with the Intellectual Property Office of Singapore (IPOS) for five years, covering various portfolios such as strategy and policy, industry development and planning, capacity building, as well as a stint in media engagement. Desmond holds a Degree in Aeronautical Engineering from the Nanyang Technological University, Singapore.

Focus in SE Asia: The IP landscape in SE Asia is diverse and evolving rapidly. Based in Singapore, the team provides regional IP support to UK businesses operating in or venturing to SE Asia. The team also works with the local governments and associations to develop a pro-business IP environment for the region.

Contact details: email: [desmond.tan@fco.gov.uk](mailto:desmond.tan@fco.gov.uk); tel: +65 9088 4018; address: British High Commission Singapore, 100 Tanglin Road, Singapore 247919.

### **Cerian Foulkes: China**

Joined IPO: April 2019

Career history: Prior to joining the Intellectual Property Office (IPO), Cerian was Senior Innovation Policy Officer for the UK government's Science and Innovation Network in China. Previous to this, she worked in the China team of the UK's Research Councils and in the auto industry. Cerian has lived and worked in China for over nine years and is fluent in Mandarin.

Focus in China: China's IP framework is fast developing and the UK is a key international partner. Cerian and her team in Beijing and Shanghai, provide direct support to UK companies with concerns across the IP spectrum, particularly in supporting enforcement outcomes. The team also works closely with a number of Chinese government agencies on IP, to share UK expertise and best practice. This work is part of wider engagement by the UK IPO with China, including the annual UK-China IP Symposium and technical exchanges.

Contact details: email: [cerian.foulkes@fco.gov.uk](mailto:cerian.foulkes@fco.gov.uk); address: British Embassy, 11 Guanghua Lu, Beijing 100200.

## **Angelica Garcia: Brazil**

Joined IPO: August 2016

Career history: Lawyer with a LL.M in IP & International Trade from Queen Mary University, London. She was formerly Director of Marketing & Business Development for ACE Aceleratech start-up accelerator in Brazil and Latin America and worked on Deloitte's German-Brazilian Desk. Most recently she worked for the Department for International Trade (formerly UKTI) of the British Government.

Focus in Brazil: Assisting UK companies that have IP issues in Brazil and working closely with Government to ensure that there is a strong IP framework. This includes outreach with both officials and business, highlighting the benefits of a strong IP system. Specific areas of interest include addressing backlogs in patents and trade marks, Geographical Indications (GIs), pharmaceuticals and IP enforcement.

Contact details: email: [angelica.garcia@fco.gov.uk](mailto:angelica.garcia@fco.gov.uk); tel: +55 11 3094 2729; address: British Consulate General, Rua Ferreira de Araújo, 741, São Paulo, Brazil – 05428-002.

## **India**

Post currently vacant.

## **Useful guides**