



## ICAO Global Civil Aviation Search and Rescue Forum



# CHC Presentation – Capt. Mark E Kelly



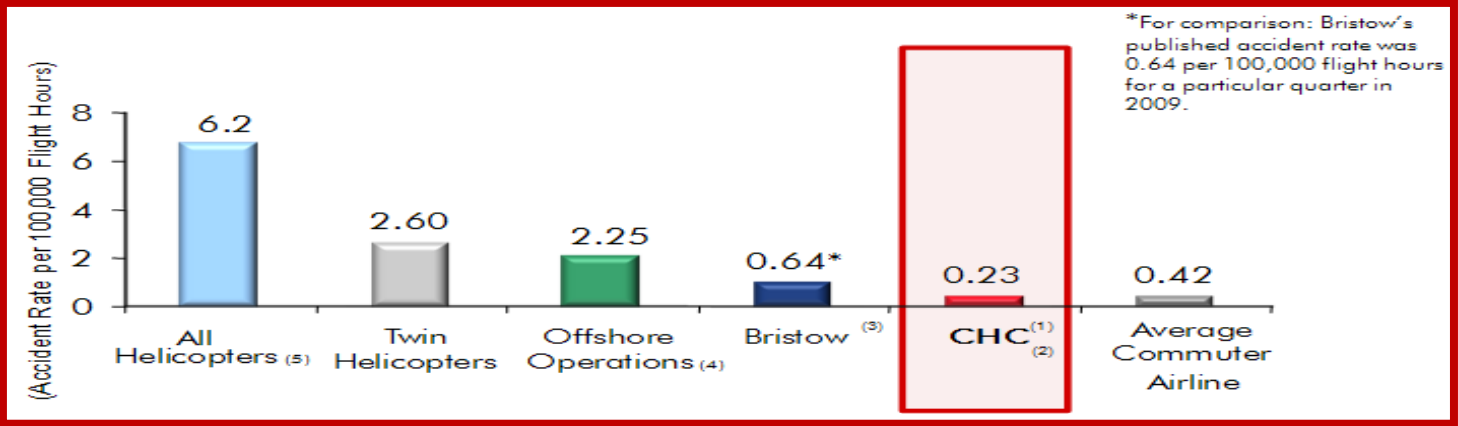
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General Civil Aviation Authority  
of the United Arab Emirates  
Abu Dhabi, UAE, 21-22 June 2010



# An Introduction To CHC

## World's leading commercial provider for Search & Rescue

- ❑ Largest commercial helicopter operator in the world
- ❑ Geographically diverse revenue base with a presence in over 36 countries
- ❑ Employs over 4,000 staff
- ❑ Industry Safety Leader



# Our Business

## Search & Rescue



- World's leading commercial provider for SAR
- Long-term contracts with government agencies and commercial operators in:
  - United Kingdom
  - Ireland
  - Norway
  - Australia

## Offshore Oil & Gas Support



- World leading Oil & Gas aviation provider
- Operations in more than 30 countries with over 80 bases worldwide
- World's largest civil fleet of heavy and medium helicopters
- Long-term contracts with world's largest oil & gas companies

## Helicopter Support Services

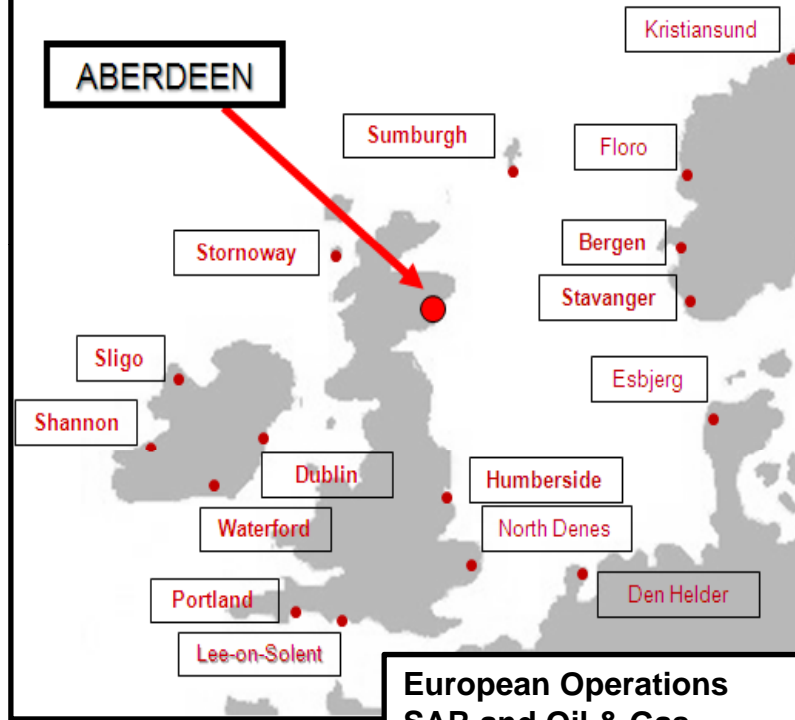


- World's largest independent commercial provider of helicopter support services
- OEM-licensed tip-to-tail capability for maintenance:
  - Components R&O
  - Worldwide integrated logistic
  - Aircraft leasing and PBH support
  - Design and engineering



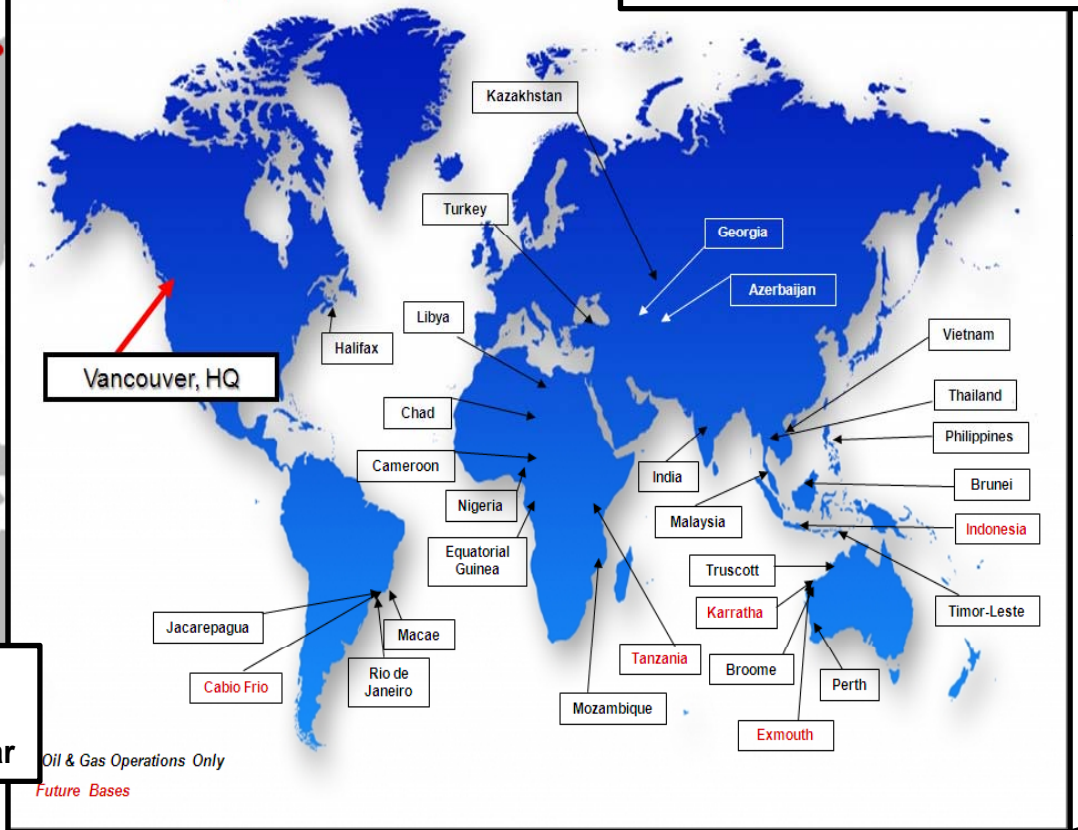
# CHC Locations & Headquarters

CHC European Operations Portfolio



**European Operations  
SAR and Oil & Gas  
94000 flight hours per year**

CHC Global Operations Portfolio



**Global Operations  
SAR & Oil & Gas  
71000 Flight Hours per year**

*Oil & Gas Operations Only  
Future Bases*

# CHC Successfully Operates A Large Global Fleet – 270 Aircraft

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*SAR in Norway (O&G) –332 & EC225*



*Irish Coast Guard – S61 N*



*MCA UK – AW 139*



*MCA UK – S92*



# Common SAR Role Equipment

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**WINCH** – Dual Goodrich high speed dual rescue hoist

**SATCOM** - SkyTrac ISAT-100/250 system which provides:

- SatPhone voice communications,
- Additional two-way text messaging facility
- Complete position reporting through the automatic flight following



**SEARCHLIGHT** - Spectrolab SX-16 Nightsun which is slaved to the FLIR.

**FLIR** – Wescam MX-15i on each of the Airborne Systems - Gyrostabilized imaging sensors providing forward looking infra red and low light camera with TV quality pictures and high magnification zoom.

**RADAR** - Honeywell Primus 701 full colour weather/search

**HOMER** - Chelton 935-11 Direction Finder

**AIS** - Saab R4A SAR AIS transponder



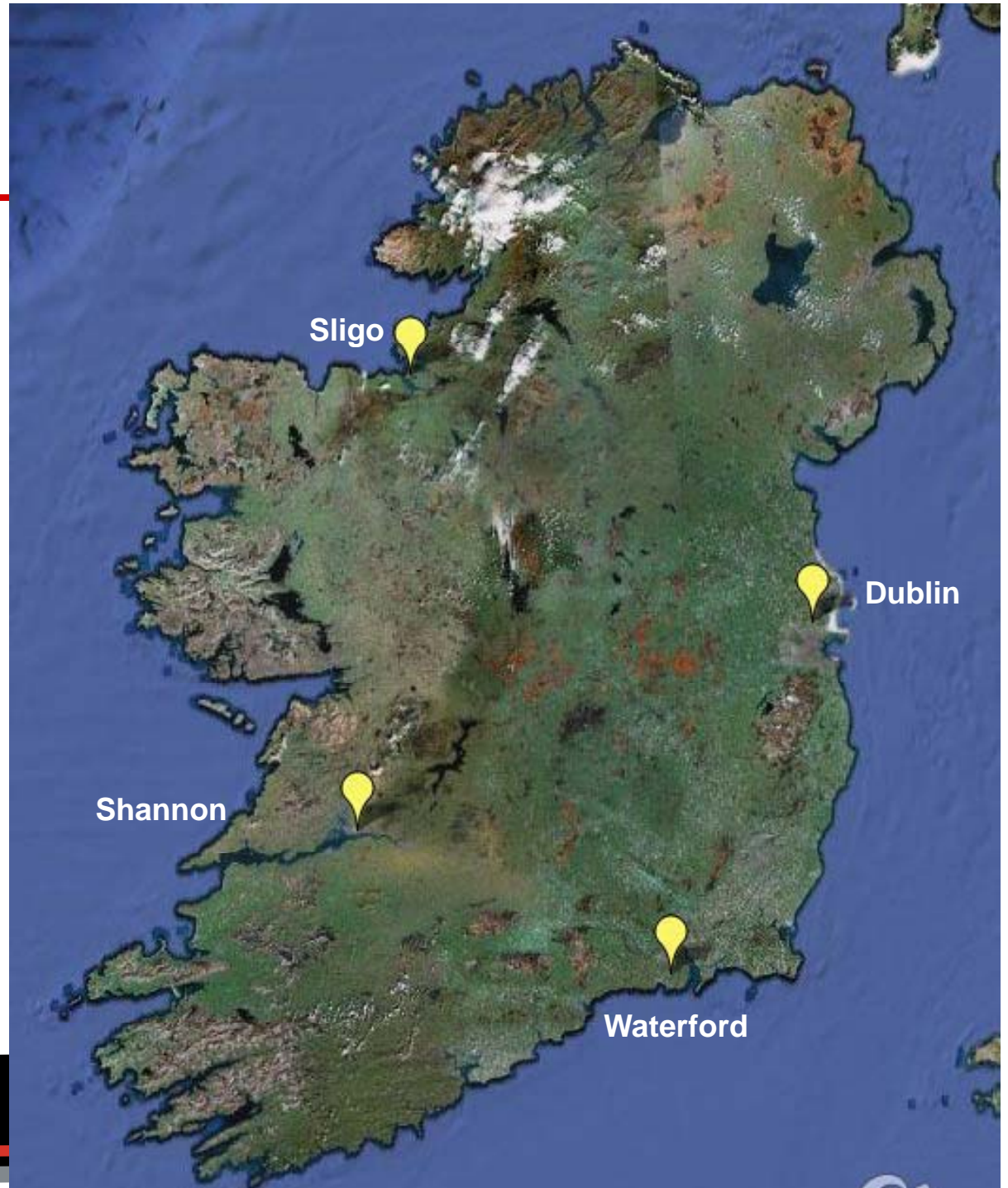


# Introduction

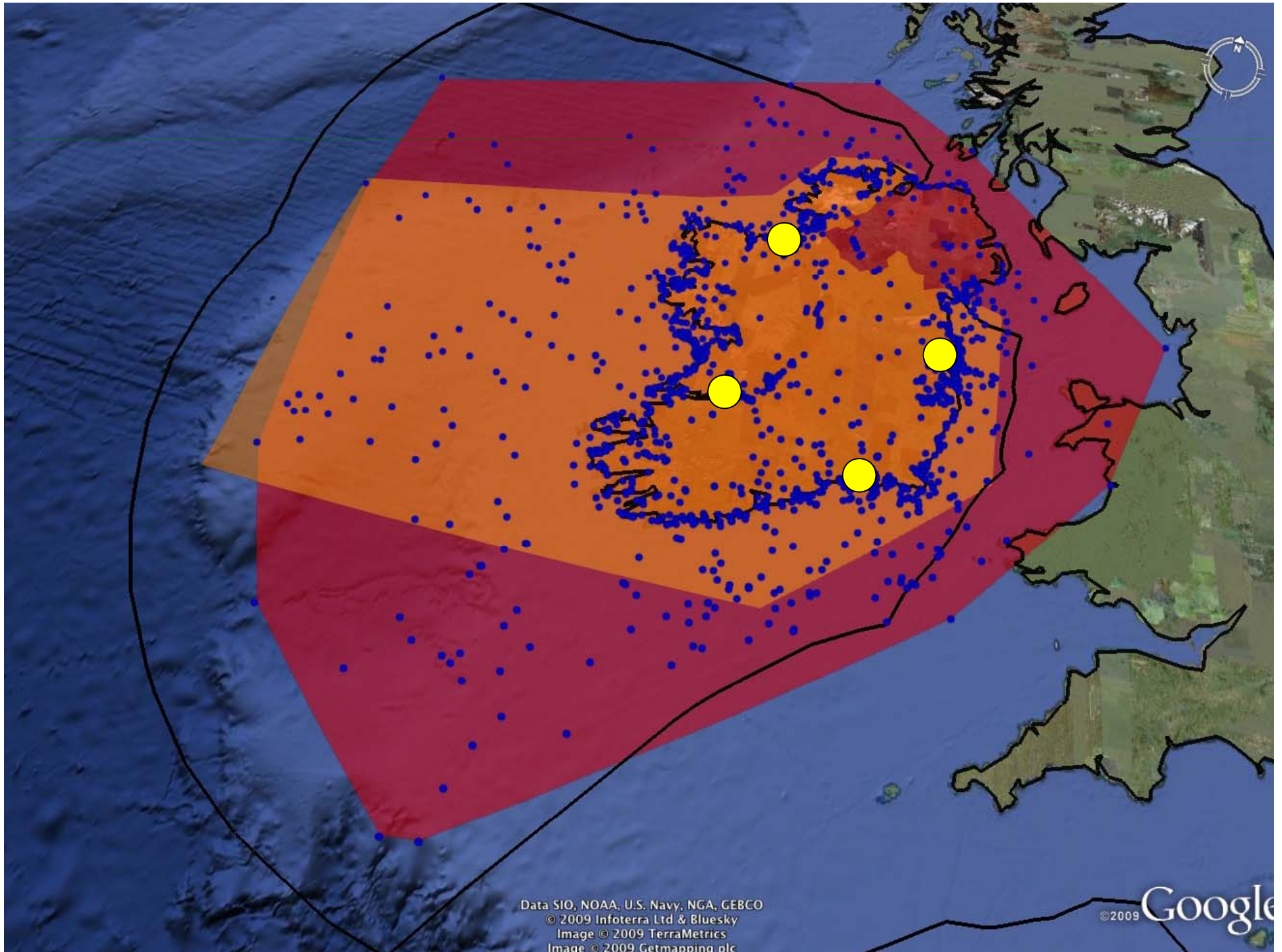
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## CHC in Ireland

- Largest commercial helicopter operator in Ireland
- IRCG Civil SAR , Started in 1991. CHC since '99
- Employs 120 staff
- 4 SAR bases
- 500 mission per year
- Fleet of 6 AWSAR S-61
- Fleet of S92A 2012/13
- Contract renewed 2<sup>nd</sup> Time
- Service until 2025







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# Paramedic Level of Care Overview

- **Operations:**

- All Weather
- 24/7 Service
- Readiness Levels 15mins to 45 Mins
- System Reliability

## Typical Medical equipment:

Strecher  
Patient monitoring  
Heartstart  
Oxygen  
Medical rack  
Special seat for Paramedic  
SatCom (hospital)  
FLIR station







# The S-61N. Over 2 decades of service in Ireland



