

Developing an AME service to OGP standard

Richard Eva – Aviation Manager QGC



Overview

- Four main companies involved in coal seam gas in Queensland are collaborating on many safety initiatives at CEO level
- One of the 1st initiatives was the creation of an aero-medical service
- Fully funded by the main member parties. Long term commitment not just for the Project phase
- Is a charter operation at OGP standard
- Focus is in the Queensland coal seam gas development area
- Currently at peak construction, Surat Basin workforce is at more than 10,000 employees and contractors living and working in the area.
- Aim of the service is to provide the best medical evacuation capability for critically injured personnel in remote areas, as well as to reduce industry impact on local community services.
- Overall Surat service is
 - Two helicopters (Primary and back-up)
 - 24/7/365 cover for area of operation
 - OGP standard, NVG capable
 - Fully integrated model
 - Serviceability KPI of 90%
 - Fully co-ordinated with QLD Health emergency services
 - Communities to gain a benefit from the service (150 hours donated to Qld Health)



What is OGP?

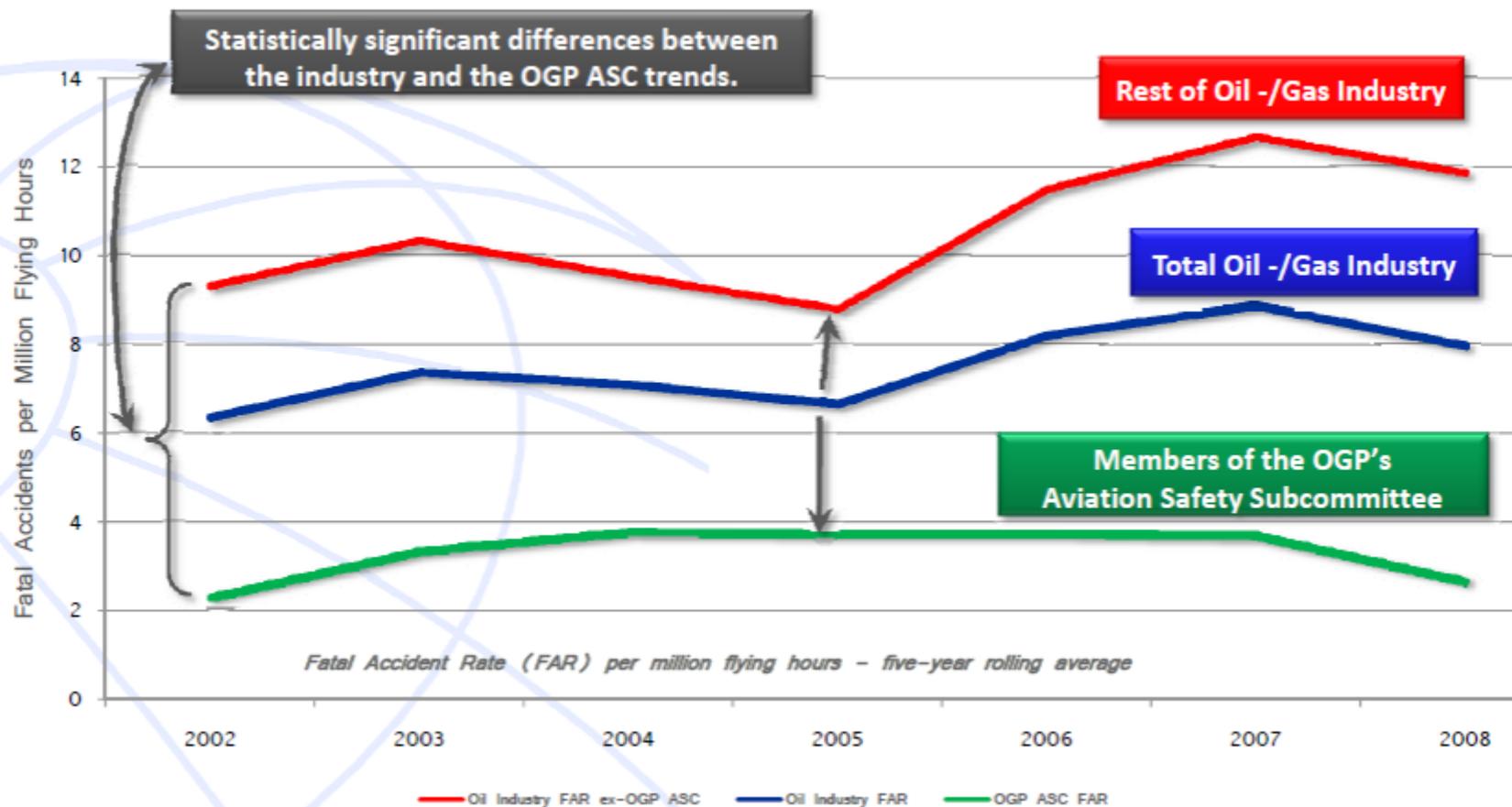


International Association of Oil & Gas Producers

- OGP has a sub-committee focusing on aviation safety
- That sub-committee developed the Aviation Management Guideline, ICAO based
- Basic rule is two pilot, twin turbine aircraft, CatA, <20y
- Crew – hrs required (RPT standard)
- Operating at this standard is able to meet the intent of the new CASA NPRM 1304OS
- Also addresses the some of the concerns raised in the NTSB report on HEMS accidents



The OGP difference



How does it work?

- Sharing Agreement with Member parties
 - Agreement on how it will work from all parties, including how each member is charged for the service
 - Includes a resolution process
- Member Steering Committee to oversight
 - Rotating Chair, Secretary and Treasurer roles between Members
 - Terms of Reference and monthly meetings
- Medical and Technical sub-committees
 - SME input
- Local Area Supplement (LAS) to define the operational parameters
 - i.e. agreed process on night landings at ad-hoc sites
- Aviation Safety Case developed by QGC for the operation
 - Developed performance standards
- External Advisors
 - Aviation Operations – Meeke Consulting
 - Aviation Safety – Flight Safety

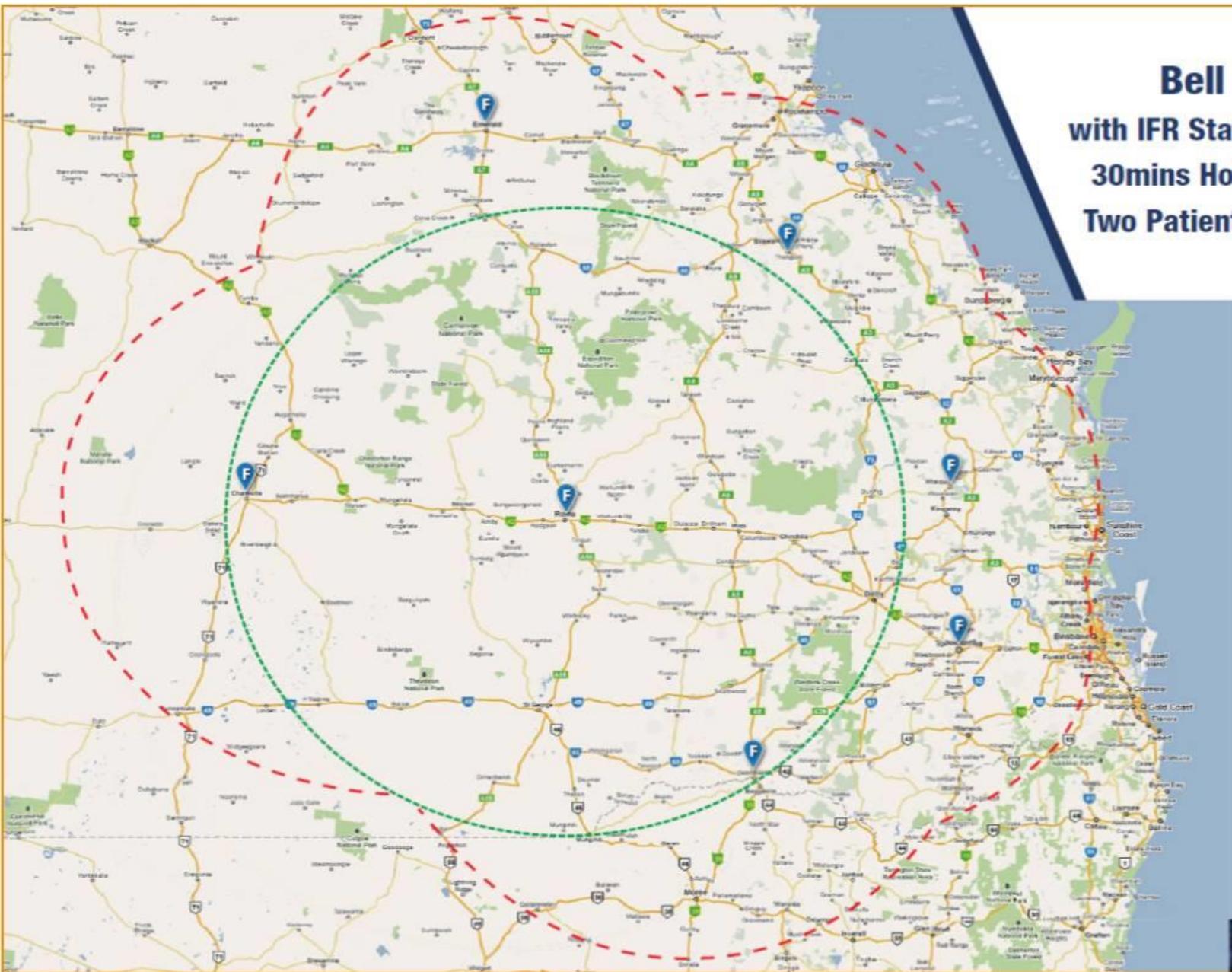
Operations

- April 2011 - Service readiness tests completed and service live
- Over 300 missions completed to date
- Two dedicated aircraft to ensure full availability
 - Primary aircraft in Roma
 - Backup aircraft in Toowoomba
- MoUs signed with regulatory and associated bodies
 - 150 hours donated service hours for the community
 - operational reviews involving QH
- In times of regional disaster (floods) the choppers have been made available to the Queensland Emergency Service
- Call out system via member Company emergency response process
- Community call out via '000'
 - Fully integrated with QH protocols



Bell 412 EP

with IFR Statutory Reserves
30mins Holding Fuel and
Two Patient Configuration



LEGEND

--- Coverage from Roma and return unrefueled

--- Coverage from Roma and return refueled

F Refueling points (Contractor Fuel)

Refueling Locations:

- Emerald
- Thangool
- Wondal
- Toowoomba
- Goondiwindi
- Charleville

careflight
GROUP
QUEENSLAND

The impact

- Have had numerous industry as well as community incidents where people would have died if the service was not operational
- Has helped give our workforce confidence to operate in our area with this medical support
- Close working relationship with Queensland Health
- Has meant that our critical care needs do not impact on the area we operate in
- The example of this service was used to create another AME service in Gladstone
- Is being touted as a model within BG globally



The People

From: Amanda XXX
Sent: Saturday, 2 July 2011 12:04 AM
To: CFQ Rescue Club
Subject: My Partners Airlift.

I would like to say a huge thankyou to Dr Caroline and her crew for the safe airlift of my partner of 13 years, XXX from the Camarvon Development Highway on Wednesday June 15th. He was involved in a single vehicle accident when he went down an embankment in a B-Double truck (NQX trailers) at around 3pm. I have to admit I had never in a million years think that we would be put in the position of needing your services. I would just like to let you know that he is still in Post Traumatic Amnesia at this stage, but he is getting better every day. They are going to transfer him to BIRU here at the PA Hospital in Brisbane next week. He had no internal injuries (scars are now healing from the chest drains) - BTW, I overheard ICU staff commenting on what an amazing job the attending doctor did on them considering the conditions they were faced with. CT scans all came back clear, no broken bones. Just sever bruising and swelling on his brain. I know we have a long road ahead of us but at least we have that. It could have been a lot worse. I know you must get this all the time but there is no words to describe my and his family's gratitude for what you did for Peter. When he is better and we get home, I will get in contact again to find out ways to help with fundraising for you guys.
Once again - my sincerest and most heartfelt thanks
Amanda XXX

27 April – Contractor on QGC site; head injuries MVA
15 May – Fall from horse; massive facial trauma; patient unconscious; bleeding from mouth, nose & ears
16 May – MVA, 2 injured, head, chest and femur
8 November – 10yo boy with facial burns
11 November – 50yo female heart attack



16 August – MVA, 18yo deceased, 59 yo chest & abdomen injuries
5 January 2012 – Fall from quad bike; patient's eyes open but not responding; bleeding from ears

Summary

- CSG industry committed to managing its own risks and minimising impacts on community services
- We manage the risk of an AME service by conducting it in accordance with OGP standards
- The service is fully funded by the CSG industry and provides community support
- The service is fully integrated into the Queensland emergency retrieval service
- The service includes a back up aircraft to ensure full coverage and or multi casualty management