



HeliOffshore

Safety Through Collaboration

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Oil and Gas Standards

Audits

- Enhance efficiency and effectiveness
- Promote and track timely feedback on results / status

Standardization

- Remove unhelpful / legacy differences
- Reinforce OGP AMG as *the* preferred standard (guideline)

Survivability

- Develop global measures and standards (eg sea state, EBS)
- Promote engagement on industry best practice



Why the focus on Audits?

- Rely heavily on audits to assure Safety & Quality
- No common industry standards
 - Significant number of 3rd party auditors
- Define “what good looks like” and align to it



Opportunity to move to next level of risk-based auditing

Actions Taken To-Date

- ✓ Transparency on schedules (O&G UK initiative)
- ✓ Promoting use of OGP pre-audit questionnaire
- ✓ Developing enhanced guidance on what good looks like
- ✓ Post-audit feedback questionnaire developed

Drive is to refine and expand these initiatives



Is there an appetite to change?

The industry will benefit from reviewing and enhancing how we audit?

1. Strongly agree
2. Agree
3. Disagree



Does Contractual Standardization Matter?

- UK CAA identified differences as “unhelpful complexity”
- Increasingly complex at large bases with multiple customers
- Prioritize the differences we ought to eliminate



IOGP AMG Gap Analysis

Results of initial review

- Overview

Current Activity

Regional Representation

- Key potential risk areas

Aircraft Performance

Flight and Duty Times

Fuel Quality

Training and Experience



IOGP AMG Gap Analysis

Aircraft Performance

Customer requirements align with OGP AMG?	Operator	A	B	C	D	E	F
	Location	North Sea	North Sea	Australia	US GOM	Nigeria	US GOM
	OGP Client	T	U	V	X	Y	Z
5.1.2 Piston-engine helicopters	N	N	Y	N	Y	Y	
5.1.3 Multi-engine helicopters with single-engine performance	N	N	Y	N	N	Y	
5.1.4 Multi-engine helicopters without single-engine climb performance,	N	N	Y	N	Y	N	
5.1.5 Helicopters operating in a hostile sea environment	N	N	Y	N	Y	Y	
5.3.1 IFR flight plan	N	N	Y	Y	Y	Y	
5.3.2 VFR flight plan	N	N	Y	Y	Y	Y	
5.4 Use of offshore alternates	N	N	Y	Y	N	Y	
5.5.2 Single pilot operations	N	N	Y	Y	Y	N	
5.6 Flight & Duty Time	N	N		Y	Y		

IOGP AMG Gap Analysis

Flight and Duty Time

Customer requirements align with IOGP AMG?

	Operator	A	B	C	D	E	F
	Location	North Sea	North Sea	Australia	US GOM	Nigeria	US GOM
	OGP Client	T	U	V	X	Y	Z
5.6.2 Fatigue- related work		N	N	Y	Y	Y	Y
5.6.3 Maximum flight times		N	N	N	Y	Y	Y
5.6.4 Maximum duty & minimum rest times		N	N	Y	Y	Y	Y
5.6.5 Rest for rotating crews		N	N	Y	Y	Y	Y
5.6.6 Night standby duty		N	N	N	Y	N	Y



IOGP AMG Gap Analysis

Fuel Quality Control

Customer requirements align with IOGP AMG?						
Operator	A	B	C	D	E	F
Location	North Sea	North Sea	Australia	US GOM	Nigeria	US GOM
OGP Client	T	U	V	X	Y	Z
7.4 Fuel quality control	N	N	Y	Y	Y	
7.4.2 Aircraft fuel system sampling guidelines	N	N	N	N	Y	Y
7.5 Rapid refueling (refueling with engines running)	N	Y		Y	Y	N

IOGP AMG Gap Analysis

Training and Experience

Customer requirements align with IOGP AMG?

Operator	A	B	C	D	E	F
Location	North Sea	North Sea	Australia	US GOM	Nigeria	US GOM
OGP Client	T	U	V	X	Y	Z

8.1.2 Use of Synthetic Training Devices

8.1.3 Recurrent training

8.1.4 Crew Resource Management training

8.1.6 In Command Under Supervision (ICUS) Flight Time

8.1.7 Helicopter offshore night operations & training

8.1.9 Single pilot operations

8.1.11 Recency checks after absence

N	N	Y	N	Y	Y
N	Y	Y	Y	Y	N
N	N	Y	Y	Y	N
N	N	NA	N	N	N
N	Y	Y	Y	N	Y
N	N	NA	N	Y	N
N	N	N	Y	N	N



Next Steps

- Data Analysis Completion
New member gap analysis
- Delivery for IOGP for Review



What will drive the change?

Discuss the following:

- How can we create an appetite to standardize?



Where does survivability sit

- HeliOffshore is looking at survivability and wants the members to agree that these are our four goals:
 - Incident avoidance
 - Aircraft survivability
 - Personnel survivability
 - Rescue efforts



Prioritizing the right issues

Sea state

- Identify true issue
- Accurate risk analysis on definitive data
- Consider unintended consequences



Emergency Breathing Systems

- Emerging regulations will mandate



Passenger size

- Sensitive issue that needs to be addressed

Positioning our industry for success

Discuss the following:

- Who needs to be involved to drive the change?



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