All Member Call
25 October 2016

Thank you for joining us
The call will start in a few moments
Welcome from Mr Bill Chiles

- Welcome to HeliOffshore’s All Member Call
- In the last quarter we passed the 100 member mark:
  - 102 members, with 31 joining in 2016 – including 8 operators
TODAY’S AGENDA

- HeliOffshore Update
- IOGP – Reciprocal Membership
- Leonardo
- HUMS
- Q&A Session
HeliOffshore Update

“Global Collaboration, Frontline Results”

- Safety Strategy Panel
- InfoShare
- Reliability & Resilience
- Operational Effectiveness
  - HTAWS Progress
- DataShare: RFP and Award, next steps
Operational Effectiveness Timeline

**Approach Path Management**
Draft document for review
Roger Shugrue

**FCOM**
- Create feedback loop to OEMs
- Publish FCOM status for members
JJ Gerbar

**Evidence Based Training**
KPIs for Effective Use of Automation
Tim Rolfe & Rich Cervelli Shepard

**Evidence Based Training**
Publish co branded document
Tim Rolfe & Rich Cervelli Shepard

**HTAWS**
Draft HTAWS Specification
Mark Prior

**Approach Path Management**
Draft document for review with IOGP
Roger Shugrue

**Automation videos**
Launch six automation guidance videos
Tim Rolfe

**HTAWS**
HMI Report circulation
Mark Prior

**Approach Path Management**
Release of Approach Path Management guidance material
Roger Shugrue
## Enablers Timeline

### Standards & Oversight
- Release of proposed changes to AMG
  - Feb 2016
  - David Zaworski & Dave Boyle

### HeliOffshore Space
- New design of Space
  - Aug 2016
  - Steve Pedmore

### Standards & Oversight
- Move Pre Audit questionnaire database from IOGP to HeliOffshore website
  - Sep 2016
  - Rich Shepard

### Safety Data Management System
- Award winner for RFP
  - Oct 2016
  - HFDM
- Start FDM DataShare Trial
  - Oct 2016
  - Steve Pedmore

### Standards & Oversight
- Review analysis of differences in contracts versus IOGP AMG
  - Dec 2016
  - David Zaworski & Dave Boyle

### LOSA
- Start data collection from operators
  - Feb 2017
  - Edwin Soeters

### HFDM DataShare implementation guide for peer review
- Mar 2017
  - Rich Shepard

### InfoShare
- Est secure InfoShare on HeliOffshore Space
  - HFDM
  - HFDM
  - HFDM
  - HFDM
  - HFDM

### Standards & Oversight
- Review of current IOGP compliance
  - Oct 2016
  - Andy Evans

### Standards & Oversight
- Identify areas for increased standardisation
  - Focus areas to discuss with IOGP
  - David Zaworski & Dave Boyle

### FRMS
- Finalize Standards and Recommended Practices (SARPS) proposal
- Review of SAPRS by Air Navigation Committee
  - Roger Shugrue
IOGP & HeliOffshore

Collaboration and alignment on strategic safety goals
- IOGP participation in the Safety Strategy Panel
- HeliOffshore input on the ASC Safety Strategy

Information Exchange
- Data collection and analysis
  - HeliOffshore: global offshore helicopter focus
  - IOGP: global offshore & onshore helicopters and fixed wing focus.

How do we work together to meet the needs of both organizations?
- Incident Notification and Lessons Learned
- Accident / Incident statistics and KPI measurement
IOGP & HeliOffshore

Future Opportunities:

- Offshore helicopter operating standards and requirements
- Continued participation in respective work groups and workstreams – reducing duplication of effort
- Building trust with agreed deliverables
Following on from the initial JOR work in 2014, the Hello Offshore ‘Automation’ work-stream contains an objective to work in partnership with OEMs in order to develop the helicopter equivalent of a Flight Crew Operating Manual (FCOM). As the FCOM concept is new to the rotary sector, the project objective is initially limited to offshore oil and gas operations. So in terms of scope, the helicopter FCOM only relates to offshore operations whenever automation is used within the normal flight envelope. As helicopter operators function globally and can differ in a number of their procedures, particularly in terms of the use of Altimeter and Radio Altitude settings, these issues will not be directly addressed in the FCOM, but placeholders for operational variations will be inserted.

This Briefing Sheet lays out the desired scope for an OEM generated FCOM for offshore helicopter operations. Whilst it is intended to be definitive in nature, the extent of the FCOM project is likely to develop and may mature which will, in turn and with the agreement of all stakeholders, influence the contents of this document. The Briefing Sheet is in 2 parts: Part 1 covers automation which is the priority for offshore operators due to the lack of information and guidance in the current RPs and
Best Practices?

Are we sure that our customers are using our design philosophy for the use of flight deck automation?

What training philosophy do we adhere to, with respect to the use of Automation and Flight Path Management in Glass Cockpits?
Procedure Design Consideration

The 4 P's Framework:
by A. Degani (Human Factors Division at NASA)

- Philosophy
- Policies
- Procedures
- Theoretical Practices
- Actual Practices

Inconsistent or illogical procedures may lead to deviations from procedures by the flight crews.
To protect against an excessive and undesirable yaw input if a foot were to slip while setting the parking brake we recommend that the pilot left seat “guards” his yaw pedals.
HUMS Workstream Update

Clair Taylor-Jones

- Established subgroups
  - Minimum Departure Standards
  - The Ideal HUM System
  - HUMS KPIs
- Next Phase
  - Secondary Analysis Tools
  - HUMS Standard Reporting Forms
  - HBP Revisions

First drafts available for comment though HeliOffshore Space. Closing Date for feedback 3rd Nov 2016

Operator Survey posted though HeliOffshore Space. Closing Date for feedback 3rd Nov 2016

Subgroup volunteers required
HUMS Workstream Update

HUMS Best Practice – What can you do?

- Engage with your HUMS Specialist/ Technician
- Ensure oversight of the Gap Analysis Process
- Support the transition – we ALL have changes to make!
- Monitor progress

Engagement

- Asean Regional Safety Meeting
- HUMS collaboration opportunity
- UK Offshore Safety Awards
Question & Answer

1. Please follow instructions from our Call Host

2. If you’re watching online, you can post questions there.

3. Email: info@helioffshore.org
HeliOffshore Website

- Improved structure, navigation and search
- Reflects new HeliOffshore Safety Strategy
- Comments or suggestions: info@helioffshore.org
HeliOffshore Space and InfoShare

- 400 IDs available to members.
- Please log in to HeliOffshore Space today!
- If you need help with User IDs, please email info@helioffshore.org
Thank you for joining us
Our next All Member Call will be on 25 January 2017.
Invitations will be sent soon.

Please visit www.helioffshore.org
On Twitter follow @HeliOffshore
Or email info@helioffshore.org