



C-BIRD

HARNESSING WILD TECHNOLOGY

MARINE SURVEYS REDEFINED

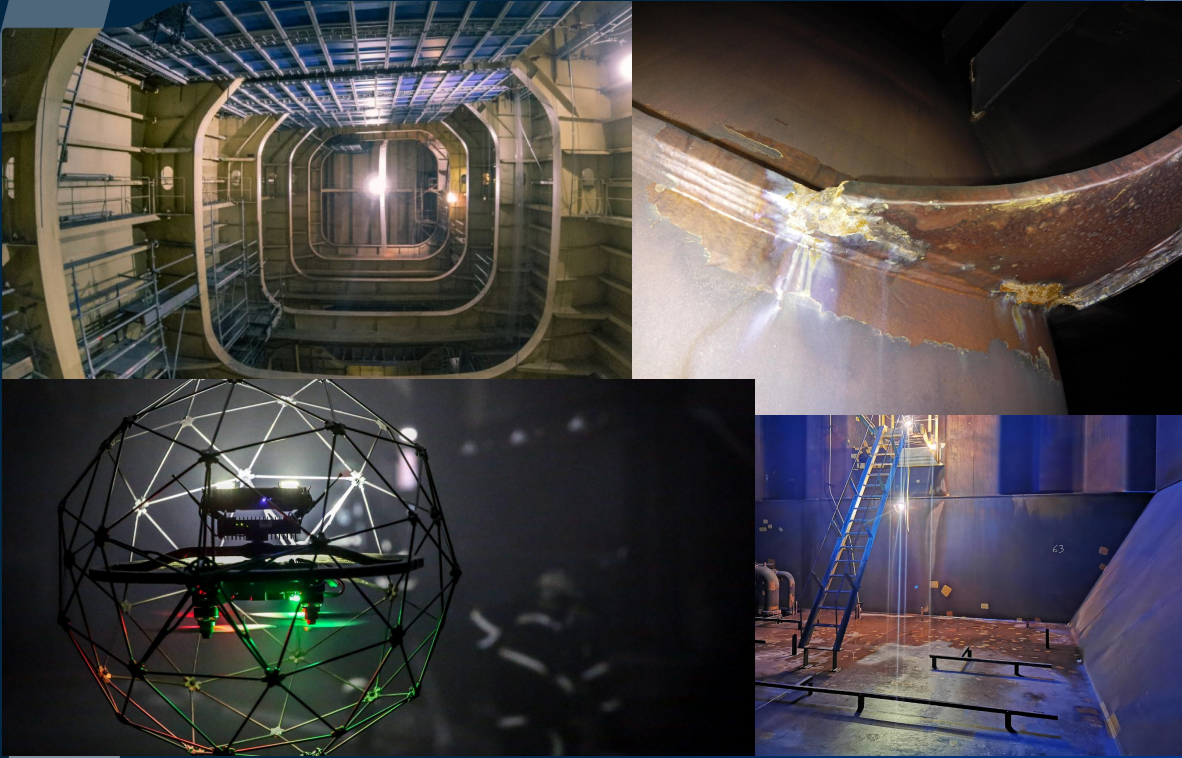
ROBOTICS INNOVATIONS FOR THE MARINE INDUSTRY

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# C-BIRD SPECIAL SURVEYS

IN A CLASS OF THEIR OWN



## ALL SURVEYS ABOVE BOARD .....LITERALLY

COMPLETE A HULL SURVEY ENTIRELY FROM THE DECK?

WE OPERATE OUR ROBOTS REMOTELY KEEPING THE INSPECTION CREW OUT OF THE TANKS.  
REDUCING OR ELIMINATING COMPLETELY THE NEED FOR:

- WORK AT HEIGHT
- HUMAN CONFINED SPACE ENTRY
- RAFTING

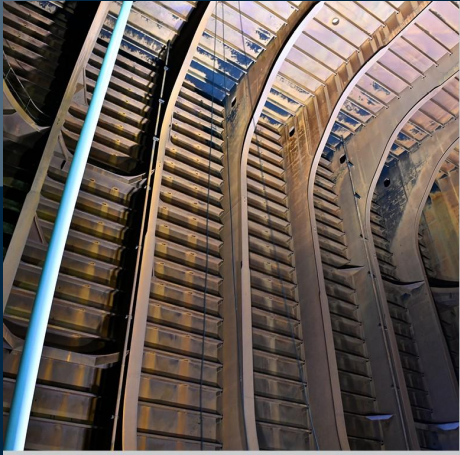
## C-BIRD ARE CLASS APPROVED FOR CLOSE UP SURVEY AND HULL GAUGING USING DRONES\*

- SPECIAL SURVEYS
- CAP SURVEYS
- INTERMEDIATE SURVEYS
- CAIP SURVEY
- ANNUAL SURVEYS
- Ad Hoc





# NEW TECHNOLOGY, EXPERIENCED HANDS



## THE ORIGINAL INDUSTRIAL DRONE INSPECTION PIONEERS FOUNDED ON A PASSION FOR PRACTICAL TECHNOLOGY

**MALCOLM CONNOLLY** C-BIRD'S FOUNDER & CEO HAS BEEN CHANGING THE BOUNDARIES OF INDUSTRIAL INSPECTION IN THE ENERGY INDUSTRY USING DRONES SINCE 2008 HAVING PREVIOUSLY FOUNDED DRONE INSPECTION AND SURVEYING COMPANY CYBERHAWK.

**SALVIS BRALITIS** C-BIRD'S CO-FOUNDER & OPERATIONS DIRECTOR STARTED WORKING WITH DRONES IN 2011 CONDUCTING MULTIPLE INDUSTRY FIRSTS AND COMPLETING NUMEROUS LARGE SCALE ROBOTIC INSPECTION PROJECTS OVER THE LAST 10 YEARS

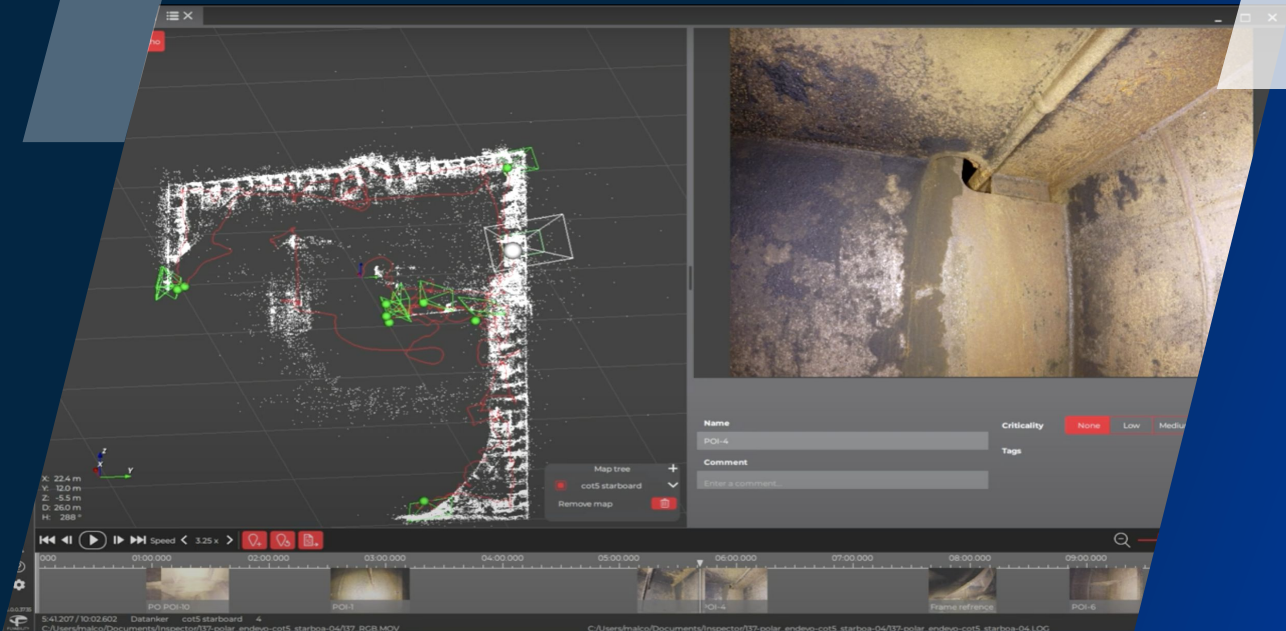
### IN THE MARINE INDUSTRY ALONE MALCOLM AND SALVIS CONDUCTED THE:

- WORLDS FIRST CLASS APPROVED DRONE SURVEY ON AN FPSO WINNING THE OIL AND GAS UK AWARD FOR BUSINESS EFFICIENCY\*
- FIRST USCG APPROVED CAIP SURVEY USING A DRONE\*
- FIRST CLASS APPROVED SPECIAL IV SURVEY ON AN ESP CRUDE CARRIER \*
- FIRST SUCCESSFUL CLASS WITNESSED HULL GAUGING SURVEY USING DRONES



# IT'S ALL ABOUT THE OUTPUT

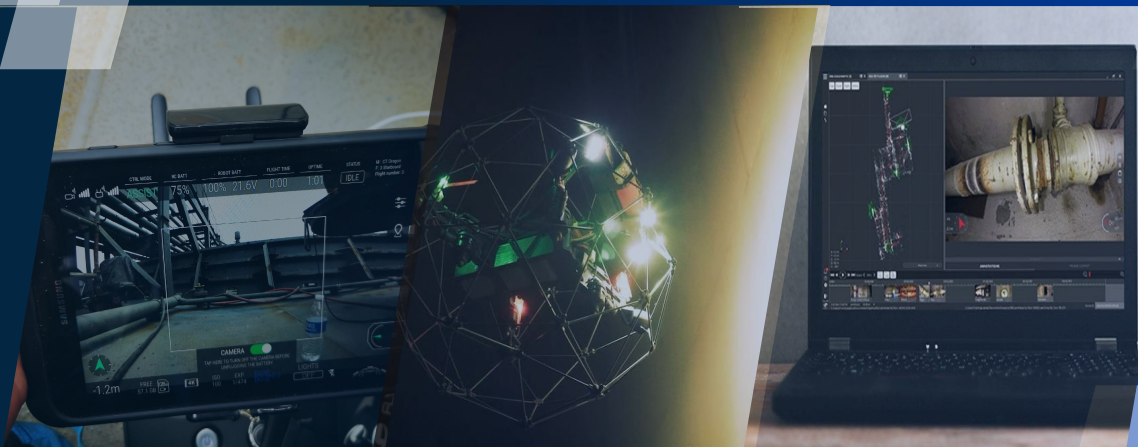
HARNESSING TECHNOLOGY TO PRODUCE QUALITY DATA



Our Unrivalled Record Of Deploying Innovative Drone Technologies In Marine Environments Coupled With Our Deep Understanding Of Class Requirements is the key to success

C-bird Use The Latest Visual Inertial Odometry (V.I.O). Technology To Accurately Localise And Process Inspection Data Into Easily Digestible And Actionable Information. Digital information can be transferred easily into structural hull modelling software.

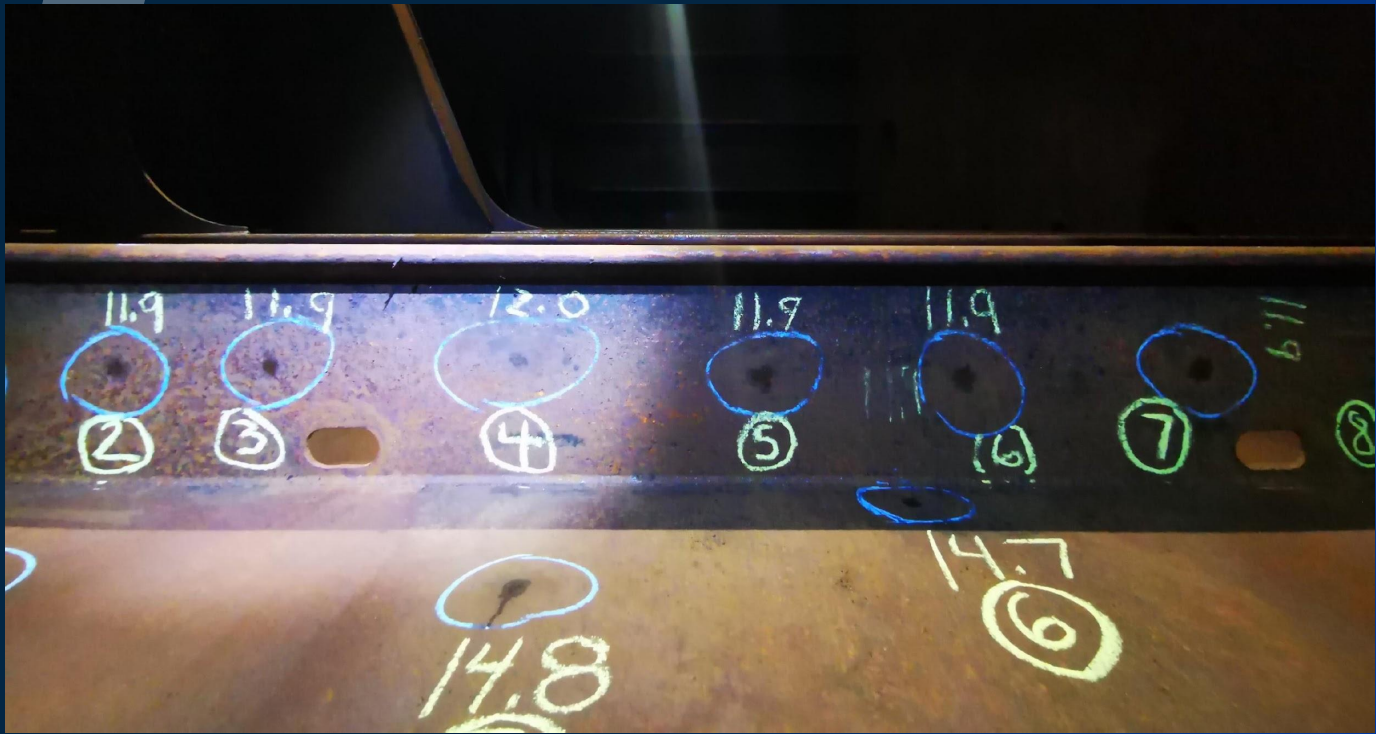
## WE BELIEVE IN INTUITIVE DATA SETS







# HULL GAUGING –NO STAGING? IT'S TIME TO THINK DRONE



## C-BIRD

ARE THE FIRST CLASS APPROVED DRONE  
BASED GAUGING VENDOR IN THE WORLD.

✓ Yes, the technology is here and it works! The average amount of spot gaugings conducted within an hour ranges from 200-600 points depending on the surface condition.

IF YOU ARE A VESSEL OWNER AND WANT TO BE  
INVOLVED IN OUR EARLY ADOPTER PROGRAMME EMAIL

**[HULLGAUGING@C-BIRD.COM](mailto:HULLGAUGING@C-BIRD.COM)**

TO FIND OUT MORE ABOUT THIS GROUNDBREAKING  
DEVELOPMENT



## C-BIRDS IDEOLOGY

- Innovation. We would still be riding bicycles
- We believe in drones, automation & data transparency
- One stop shop for Close up survey and Gauging at height
- Easy to see data as if you were there
- 2 experienced inspectors operating 2 drones simultaneously to drive efficiency and reduce overall project costs

## Why C-Bird?

- Don't reinvent, just by adapting existing technologies you can increase efficiency
- Humans make mistakes, drones with data don't.
- You can be in the office, the drone will be in the tank
- Refuse to be overcharged. Pay per tank option
- Do it once, do it properly. Experienced team on-site

## Better than competition

- Only experienced and highly specialized crew
- Customers can choose between day rate and per tank pricing options
- Access to the latest drone UTM technology developed closely with the system manufacturer



# C-BIRD LTD

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