DRONE SURVEYS

The safer and smarter survey method

DNV GL uses drone technology to simplify existing survey processes, taking further the vision of working smarter through digitalization.

Rising above
DNV GL is incorporating new technologies in our class services to transform the customer experience. We now offer drone-assisted close-up surveys to assess the structure of and coating inside ballast and cargo tanks, cargo holds, jack-up legs and other structural components of maritime and offshore installations.

Your benefits:
Ship owners and managers stand to benefit from the increased flexibility and reduced costs the use of drone surveys provide.

With drone surveys:
- Survey preparation time is significantly reduced, allowing surveys to be carried out on short notice
- Staging is no longer required
- Rafting is eliminated
- There is no damage caused to tank coatings
- Safety improves for surveyors, ship’s crew and other personnel
How it works
Two specially trained DNV GL class surveyors and a drone equipped with a High Definition camera work together to carry out surveys as a drone team. The drone used is designed in such a way that even in dark, enclosed spaces, the area under inspection can be illuminated to capture high-resolution imagery.

Drone surveys are carried out in real-time, with one surveyor operating the drone, while the second surveyor remotely monitors the video recording as it is streamed to a tablet.

It is possible to re-examine particular details on the ultra-high-resolution recording, e.g. through enlarging a specific location on the screen. In the event damage is detected via the recording, a traditional close-up survey may still be required.

How to order
1. Contact your Key Account Manager (KAM) or DNV GL maritime office to request a drone survey
2. The survey scope will be assessed and if suitable for drone survey you will receive a quotation
3. After the survey booking is complete a drone team will be deployed from one of DNV GL’s strategic hubs

CONTACT
For customers:
For more details, please contact your Key Account Manager (KAM) or DATE - Direct Access to Technical Experts via My DNV GL

Otherwise, for more information:
Use our office locator to find the nearest DNV GL maritime office.