

ABS REMOTE SURVEY

Quality and flexible survey made easy for vessels and offshore facilities.



The ABS Remote Survey program augments traditional survey through the transfer of digital documentation such as reports, photos and videos for non-attendance verification of select surveys. Adoption of this program improves scheduling efficiencies and reduces operational disruptions. With ABS Remote Survey you can complete select surveys on time without physical surveyor attendance. All requests are subject to ABS review and acceptance on a case-by-case basis.

GETTING STARTED

Existing clients can create a new account and order all eligible surveys remotely through a user-friendly, web-based platform. Once the survey requests are submitted along with supporting information, an ABS surveyor reviews the request to ensure all criteria are met, including Flag State approval when necessary. Clients then have the option to interact within a mobile-friendly environment to easily capture and transmit all required videos, images and documentation

while onboard in both a connected and disconnected environment that sync seamlessly. Additionally, clients can choose to use the web-based platform to submit all required documentation from an office environment. All of this allows you to order and conduct your remote surveys – **Anytime. Anywhere. Any Way.**

CLASS SURVEYS



ANNUAL CLASSIFICATION SURVEYS

- **Annual Hull Survey**
Indicates compliance with the Hull requirements of ABS *Marine Vessel Rules Part 7*.
- **Annual Machinery Survey**
Indicates compliance with the Hull requirements of ABS *Marine Vessel Rules Part 7*.
 - **Athwartship Positioning System (APS)**
Assigned to a self-propelled vessel fitted with athwartship thrusters intended to assist in the maneuvering of the vessel.

BENEFITS YOU WANT

- Eliminate surveyor travel time
- Reduce logistical costs and time
- Minimize down time
- Optimize scheduling efficiencies
- Increase operational flexibility
- Foster an efficient class process

- **Propulsion Assist System (PAS)** Assigned to non-self-propelled vessels fitted with thrusters intended to assist in maneuvering or propelling while under tow.
- **Dynamic Positioning System (DPS)**
Indicates that a self-propelled (or non-self-propelled) vessel is fitted with a system of thrusters, positioning instruments and control systems in accordance with the applicable requirements of the ABS *Guide for Dynamic Positioning Systems*.
- **Annual Automation Survey**
Indicates compliance with the Hull requirements of ABS *Marine Vessel Rules Part 7*.
- **Annual Survey of Bridge Design and Navigational Equipment/Systems (NBLES)**
Indicates compliance with Sections 1 through 3 of the ABS *Guide for Bridge Design and Navigational Equipment/Systems*.
- **Annual Survey of Navigational Integrated Bridge System (NIBS)**
Indicates compliance with Sections 1 through 4 of the ABS *Guide for Bridge Design and Navigational Equipment/Systems*.
- **Annual Load Line Survey**
Indicates compliance with the International Convention on Load Lines.

The process for Remote Survey has 4 easy steps:

- 01 Log-in, submit request and supporting documentation.
- 02 ABS surveyor reviews request and responds within 24 hours.
- 03 Remote attendance is scheduled, if necessary.
- 04 Survey credit is accepted or declined.

CONTINUOUS MACHINERY SURVEY

Only vessels maintaining a PMP notation are eligible for remote Continuous Machinery Surveys (CMS).



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remotely operated vehicle (ROV) feeds so an ABS surveyor can remotely witness the examination. The examination must be performed by an ABS approved external specialist.

OCCASIONAL SURVEYS



DRYDOCK EXTENSION SURVEY

ABS allows for remote drydock surveys to be extended by one month and up to three months if the last drydocking was not more than 36 months prior. Traditionally, to grant an extension ABS would have to send a surveyor onboard to confirm if immediate repairs were needed. By leveraging approved ABS External Specialists who can conduct underwater examinations in lieu of drydocking (UWILD), ABS can accept the results via remote attendance process.

CONCURRENT LOAD LINE

A vessel that has been issued valid Concurrent Load Line Certificates and has had assignments permanently marked under a surveyor's oversight may be eligible for remote surveys with authorization from the vessel's Flag Administration. In the past, a surveyor was needed to attend when a request was made to change between freeboard assignments. With the ABS Remote Survey Program, verification that the non-associated marks are painted out (obliterated) and that the new marks are painted in a sharply contrasting color can be achieved remotely. If found satisfactory, the remote survey will also ensure the certificates not in use will be placed in a secure location.

BOILER THREE-MONTH EXTENSION

In the past, a surveyor was needed to attend when a request was made to postpone Auxiliary Boilers Survey due date. With the ABS Remote Survey Program, external overall examination of the boiler, both examination and operational tests for safety valve relieving gear (easing gear) and boiler's protective devices (alarms and shutdowns), as well as records review, can be achieved remotely. A vessel that has complied with ABS MVR 7-7-1/11 with valid Class Certificates may be eligible for remote surveys with authorization from the vessel's Flag Administration. If found satisfactory, the remote survey will grant an up to three (3) months extension.

CONDITION OF CLASS AND STATUTORY CONDITION

A vessel with a Condition of a Class or Statutory Condition are eligible for remote survey upon ABS review and acceptance. In some cases, Statutory Condition remote surveys are subject to Flag Administration authorization. Examples of items for consideration are replacement parts and equipment requiring periodic servicing. Designated ABS surveyors will evaluate the request and verification method and advise whether the item qualifies for the ABS Remote Survey program.

TAIL SHAFT OR TUBE SHAFT SURVEY

Any vessel with a Tail Shaft survey is eligible for remote survey. An extension of up to three months may be granted by the surveyor when endorsed by the Chief Engineer. Tail Shaft survey extensions are composed of a visual inspection of all accessible parts of the shafting system, verification of the inboard seal, review of the previous wear down and or clearance recordings, review of service records, review of test records and verification of no reported repairs by grinding or welding. With the ABS Remote Survey program, documentation data can be submitted through ABS's remote survey website.

MINOR DAMAGE SURVEY

Minor damages are eligible for remote survey upon ABS review and acceptance. The identified items are to be presented by the authorized representative along with supporting photos, sketches, videos and measurements. Any items surveyed remotely may require additional examination during the next ABS surveyor attendance onboard or the Annual Survey. Examples of minor damage:

- Set-in or fracture that corresponds to 3 points or fewer in accordance with the Inspection Grading Criteria for the ABS Hull Inspection and Maintenance Program
- Anchor windlass damage provided there is proof the secondary windlass is operating satisfactorily
- Hopper damage Identified structural damages or statutory items may require authorization from the Flag Administration if ABS will not physically attend. Generally, items affecting primary hull structure, longitudinal strength, watertight/oil tight integrity of hull/ boundaries, stability or wastage over allowable limits (buckling, detachment or fracture) will require ABS surveyor physical attendance.

Preventative Maintenance activities are performed by the crew or a designated party. Vessel maintenance intervals and tasks will follow OEM recommendations or documented operator experience. Through ABS Remote Survey, the owner or operator can provide documentation to ABS for each machinery part item and receive credit without physical ABS Surveyor attendance.

STATUTORY SURVEYS



INVENTORY OF HAZARDOUS MATERIALS (IHM) SURVEY

An IHM initial and renewal survey for existing vessels verifies the location of the hazardous materials on board that are listed in the IHM. ABS-classed and non-ABS-classed vessels are eligible for an IHM survey. An IHM survey supports compliance with both EU Ship Recycling requirements and the IMO Hong Kong Convention.

SAFETY RADIO SURVEYS

Safety Radio Surveys are credited in collaboration with flag authorization and an approved ABS External Specialist who goes on board to test and confirm the functionality of safety critical, radio equipment. Periodical and renewal surveys can be completed remotely following an approved ABS External Specialist report which confirms there are no findings.

UNDERWATER EXAMINATION SURVEY

Offshore units and marine vessels may be eligible for remote survey of the underwater portion of the unit during a drydocking survey. Remote underwater surveys require real-time data connection capable of handling audio, video and communication



WORLD HEADQUARTERS

1701 City Plaza Dr. | Spring, TX 77389 USA
 P 1-281-877-6000 | F 1-281-877-5976
 ABS-WorldHQ@eagle.org | www.eagle.org

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