



TECHNICAL CIRCULAR No. 540 of 04<sup>th</sup> March 2019

---

To:	All Surveyors/Auditors
-----	------------------------

---

Applicable to flag:	All Flags
---------------------	-----------

---

<b>Guidance on Remote Inspection Technologies</b>	
---	--

---

Reference:	CONARINA Instructions
------------	-----------------------

---

**Guidance on Remote Inspection Technologies**

ABS published Guidance Notes on the Use of Remote Inspection Technologies, detailing best practices for their use on class surveys and non-class inspections.

The Guidance Notes cover pilot-operated Unmanned Aerial Vehicles, Remotely Operated Underwater Vehicles and Robotic Crawlers, collectively known as Remote Inspection Technologies (RITs).

The use of RITs can reduce risk for Surveyors and inspectors by lessening the need to access potentially hazardous locations at height, or other hazardous inspection areas. This guidance facilitates safer, more effective and efficient, use of these technologies.

Using digital technology and high definition cameras, surveyor can collect data with new RITs in a safe and effective way.

Developed through extensive marine and offshore trials and testing, the Guidance covers a range of areas, including equipment specification, data management, associated management systems, recommended standards for service providers, training requirements and potential operational limitations of RITs.

For more information on the Guidance Notes on the Use of Remote Inspection Technologies, visit [www.eagle.org](http://www.eagle.org). To become an ABS Recognized Specialist in Remote Inspection Techniques, contact [externalspecialist@eagle.org](mailto:externalspecialist@eagle.org).

REFERENCES:

- CONARINA Instructions. Courtesy of ABS.

- ATTACHMENTS: No

kindest Regards,  
Val Bozenovici  
Naval Architect – Conarina Technical Director

*Customer Service Center  
5201 Blue Lagoon Drive, 9<sup>TH</sup>. Floor,  
Miami, Fl., 33126  
Tel: 1 (305) 716 4116,  
Fax: 1 (305) 716 4117,  
E-Mail:*

[joel@conarinagroup.com](mailto:joel@conarinagroup.com)

*Technical Head Office  
7111 Dekadine Ct.  
Spring, Tx., 77379  
Tel: 1 (832) 451 0185,  
1 (713) 204 6380*

E-Mail: [vbozenovici@vcmaritime.com](mailto:vbozenovici@vcmaritime.com)