

*RINA goes digital*



# *SMART INSPECTIONS*



ΣΥΝΕΔΡΙΟ ΕΛΙΝΤ 2019 26-27/11, Ίδρυμα Ευγενίδου

*Dimitris Zisimopoulos – Business Development Manager / Marine Southern Europe & Africa Area*

# *RINA goes digital*



**REMOTE  
SURVEYS**



**APPROVED  
DRAWINGS  
MOBILE LIBRARY**

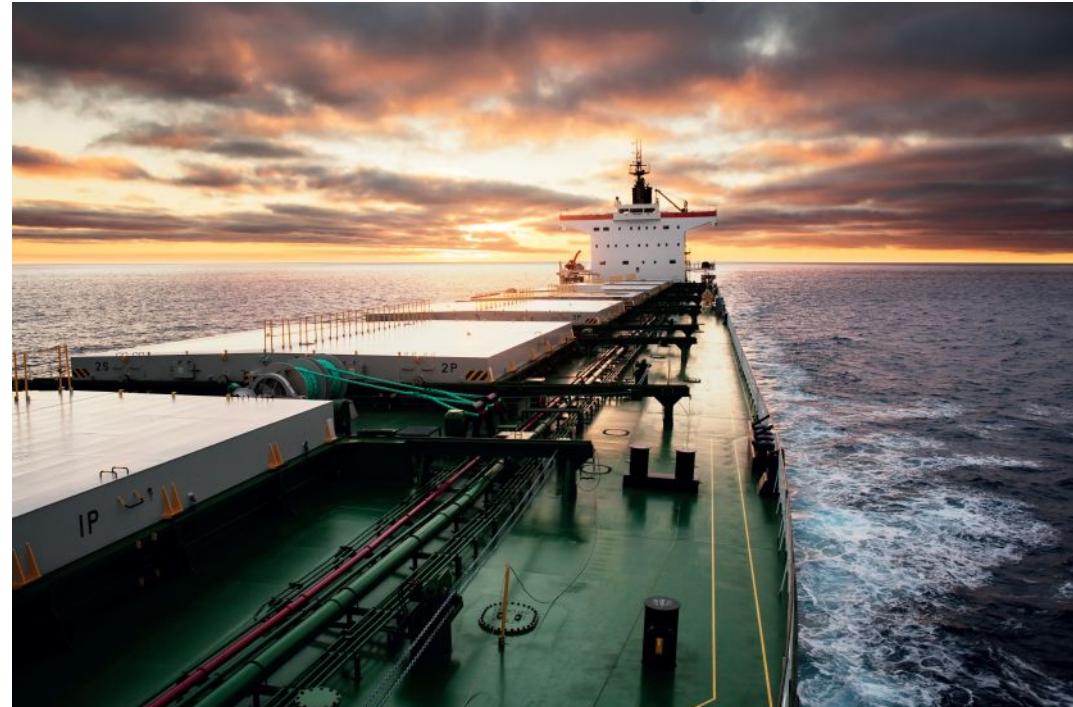


**E-CERTIFICATES**

# *Remote surveys on board ships*

A standard to perform defined inspections/tests on board ships, ensuring:

- an equivalent effectiveness and reliability of inspections attended on board
- compliance with Flag requirements



*Remote surveys on board ships*



*MANAGED  
CASES*



# Standard cases for Remote Surveys



**Issuance of recommendation  
related to minor deficiency**

**Boiler survey  
extension**

**Documentary  
evidences**

**Continuous  
Machinery  
items\***

\* Some items are subject to  
confirmation

**Defined occasional  
underwater  
examinations\*\***

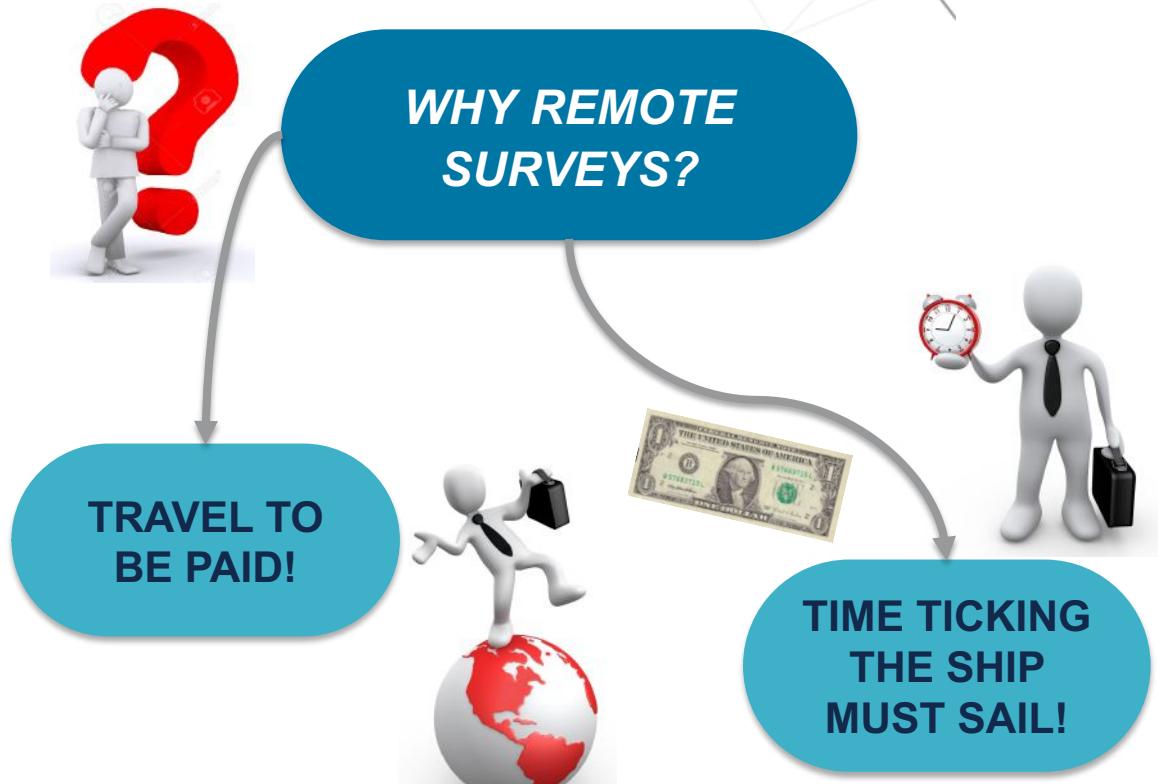
\*\* Carried out by RINA service supplier  
equipped with live streaming for IWS  
video



**Postponement of  
minor defined  
deficiencies**

**Three months  
tailshaft extension  
surveys**

# *Benefits of Remote Surveys on board ships*



# *Benefits of Remote Surveys on board ships*



RINA WILL PROVIDE  
SAME SERVICE

- No travel costs
- No down time of the ship
- More efficient schedule of the ship
- Prompt response in **simple** but critical scenarios



CUTTING COSTS NOT  
NECESSARY FOR OUR  
SERVICE



# Remote Surveys - workflow



*On line survey request  
on RINA website*

**CERTIFICATE VERIFICATION**

UTN - Unique Tracking Number \*

Certificate Number \*

**VERIFY**

E-certificate  
if requested



**Equivalent judgment/view on  
the inspection**

**Mobile device on  
board (3G) and  
Skype account**



**Survey driven live in remote  
by RINA surveyor**

*RINA goes digital*

---



*Smart Helmet*



# Remote Surveys – Smart Helmet



# Remote Surveys – Smart Helmet

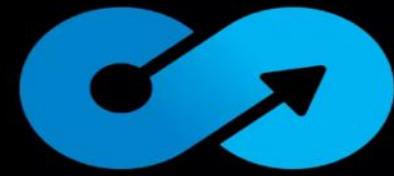


RINA surveyor can interact in real time (live streaming) with personnel on board ensuring full control on the ascertainment.



# Smart Helmet

---



# Kiber

Instant Expertise Everywhere



RINA. Excellence  
Behind Excellence.

Via Corsica, 12  
16128 Genova - Italy  
P. +39 010 53851 | [info@rina.org](mailto:info@rina.org)  
[rina.org](http://rina.org)

