

# Guidance for advanced non-destructive testing of materials and welds

Related Rules/Guidance	Effective date
Pt 2 Annex 2-12 of the Guidance - 1 July 2021 (The contract date for ship construction)	

## ○ Reason for Amendments

1. To reflect IACS UR W34(New Dec 2019)
2. In order to establish requirements as there is a frequency of industrial use of advanced non-destructive testing such as phased array ultrasonic testing (PAUT), time of flight diffraction(TOFD), and digital radiography(RT-D).

## ○ Amendments

1. Pt 2 Annex 2-12 of the Guidance has been newly established.
2. Applicable methods for testing of material and weld joints are specified.
3. The requirements and acceptance level for each non-destructive testing method are specified.

## ○ Impact Analysis

- ✓ Indication of any impact on and/or contribution to safety, security or environmental protection  
: N/A
- ✓ Indication of any impact on net and gross scantlings  
: N/A