

## **FMC Users Group - Terms of Reference**

### **Aim**

The aim of the FMC Users Group of the British Institute of Non Destructive Testing is:

To promote and advance Full Matrix Capture and associated techniques by using standardisation as appropriate and recommending best practice.

### **Objectives**

The following objectives have been identified as immediate priorities for the group:

- Review of existing techniques for calibration for FMC inspection and recommendation of best practice
- The FMC common file format for raw data
- Production of a guide of agreed terminology
- A common file format for reconstructed data with links to the raw data format (i.e. TFM data)

The following additional objectives have been identified:

- A list of the recommended practices developed by this group against which organisations (i.e. equipment manufacturers) may show compliance
- Provision of guidance on reconstruction methods
- Production of a best practice guide for FMC based inspection
- Highlight the advantages and disadvantages of FMC and when it is worth using FMC in place of other techniques
- Capture industry based study to showcase the technique
- Best practice for storage of the data (How to deal with data volumes, server, archive etc)

### **Membership**

Membership of the Group is open to anyone who has an interest in Full Matrix Capture or associated techniques, membership of the British Institute of Non-Destructive Testing or being UK based are not requirements.

### **Organisation**

The FMC Users group shall operate under the Terms of Reference approved by the BINDT NDT Technical Committee. On any issue involving committing BINDT staff, image or resources the Group must make a recommendation to the BINDT NDT Technical Committee. On matters concerning technicalities and documents related to the Group topic, the Group may make a decision by voting amongst its members.

### **Chair**

The Group shall be directed by a Chair appointed by the NDT Technical Committee of the British Institute.

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## **Voting**

At any meeting of the group a resolution may be adopted by a simple majority of those present. Each organisation represented is entitled to one vote. In case of equality, the Chairman shall have a second or casting vote. At the discretion of the Chair a vote may be carried out by correspondence following proposal at a meeting of the group. In the case of amendment to the Group's Terms of Reference a resolution may only be adopted with the support of not less than two thirds of those present who are entitled to vote.

## **Reporting**

The FMC Users Group reports through its Chair to the NDT Technical Committee of the Institute.