

# ISO 20283-3:2006-04 (E)

## Mechanical vibration - Measurement of vibration on ships - Part 3: Pre-installation vibration measurement of shipboard equipment

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Measurement requirements and procedures .....	4
4.1	General .....	4
4.2	Measurement point locations .....	5
4.3	Transducer orientation and mounting .....	5
4.4	Measurement frequency resolution .....	5
4.5	Calibration .....	6
4.6	Ambient vibration and its influence .....	6
4.7	Test system .....	6
4.8	Equipment operating conditions .....	9
5	Data evaluation .....	10
6	Test report .....	10
Annex A (informative) Typical configurations of generating sets .....		11
Annex B (informative) Typical configurations of test systems .....		13
Bibliography .....		23