ISO 21984:2018-02 (E)

Ships and marine technology - Guidelines for measurement, evaluation and reporting of vibration with regard to habitability o n specific ships

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Instrumentation 2
4.1 General requirements 2
4.2 Functional test 3

5 Measurement locations and directions 3
5.1 Measurement locations 3
5.2 Measurement directions 3

6 Measurement conditions 3

7 Measurement procedure 4

8 Evaluation 4
8.1 Guidance values of acceptable vibration 4
8.2 Beating 5

9 Test report 5

Annex A (informative) Example of length of a deck house (L) and its height (H) for slenderness ratio 6

Annex B (informative) Frequency weighting, Wm 7

Annex C (informative) Example of report for evaluation of habitability on board ships in accordance with this document 9

Bibliography 10