

ISO 22090-3:2004-05 (E)

Ships and marine technology - Transmitting heading devices (THDs) - Part 3: GNSS principles

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	2
3	Terms and definitions	2
4	Performance requirements	3
4.1	Functionality	3
4.2	Continuous operation	3
4.3	Presentation of information	4
4.4	Heading output alignment	4
4.5	Compensation for brief GNSS signal interruption	4
4.6	Settling time	4
4.7	Heading information	4
4.8	Alarm signal	4
5	Accuracy	4
5.1	General	4
5.2	Accuracy of transmission data	4
5.3	Static error (Settle point error)	4
5.4	Dynamic error	5
5.5	Follow-up error	5
6	Type tests	5
6.1	General	5
6.2	Organization of test conditions	5
6.3	Settling time test	5
6.4	Static error test	6
6.5	Dynamic test	6
6.6	Follow-up error test	6
6.7	Back-up test	7
6.8	Environmental test	7
6.9	Electromagnetic compatibility test	7
6.10	Heading information test	7
6.11	Malfunction test	8
7	Marking and identification	8
Bibliography		11