

ISO 16328:2014-03 (E)

Ships and marine technology - Gyro-compasses for high-speed craft

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Construction	3
4.1	Gyro-compass equipment	3
4.2	Continuous operation	3
4.3	Bearing repeater compass ¹)	3
4.4	Graduation and digital display	3
4.5	Illumination	3
4.6	Lubber line	3
4.7	Fore and aft mark	3
4.8	Installation	4
4.9	Speed error correction	4
4.10	Heading information	4
4.11	Status signal	4
4.12	Alert signal	4
4.13	Power supply	4
4.14	Interface	5
5	Performance requirements	5
5.1	Accuracy in latitudes up to 70°	5
5.2	Other requirements	6
6	Type tests	6
6.1	General	6
6.2	Settling time test	6
6.3	Settle-point-error test	6
6.4	Settle-point-heading repeatability test	7
6.5	Settling time on a Scorsby table	7
6.6	Scorsby test	7
6.7	Intercardinal motion test	8
6.8	Repeater accuracy test	8
6.9	Speed error correction test	8
6.10	General requirement test	8
6.11	Interface test	11
7	Marking and identification	11
8	Information	11
Annex A (normative)	Advice to ship surveyors for installation of gyro-compasses and repeater compasses on board crafts	12
Annex B (informative)	Vehicle test	13
Annex C (informative)	Equivalent requirements in this International Standard and IMO Resolutions	14
Bibliography		16