

DIN EN ISO 2922:2021-12 (E)

Acoustics - Measurement of airborne sound emitted by vessels on inland waterways and harbours (ISO 2922:2020)

Contents		Page
	European foreword	3
	Foreword	4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Measurement quantities	7
5	Measuring equipment	8
	5.1 Equipment specifications	8
	5.2 Windscreen	8
	5.3 Operational check/Calibration	8
	5.4 Verification	8
6	Test site specifications and environmental conditions	9
	6.1 Test conditions	9
	6.2 Test site specifications	9
	6.2.1 Moving vessels	9
	6.2.2 Stationary vessels	9
	6.3 Environmental conditions	9
	6.4 Background noise	9
	6.4.1 Acceptance tests	9
	6.4.2 Monitoring tests	10
	6.5 Measurements on stationary vessels	10
7	Test course and measurement of distance	10
8	Operating conditions	11
	8.1 Distance from the microphone	11
	8.2 Loading condition	11
	8.3 Main engines	11
	8.4 Auxiliary engines	11
	8.5 Doors and windows	11
	8.6 Monitoring tests	11
9	Microphone position	12
10	Test procedure	12
	10.1 Moving vessels	12
	10.2 Stationary vessels	13
11	Measurement uncertainty	13
12	Test report	15
	Bibliography	16