

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	