

ISO 21072-3:2010-03 (E)

Ships and marine technology - Marine environment protection: performance testing of oil skimmers - Part 3: High viscosity oil

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Test facility requirements	2
4.1	General	2
4.2	Oil properties	2
4.3	Air and water temperature	3
4.4	Oil slick thickness	3
4.5	Measuring tanks	3
5	Clearance requirements	3
6	Test parameters	3
6.1	General	3
6.2	Test oil properties	3
6.3	Oil slick thickness	4
6.4	Skimmer operating parameters	4
6.5	Debris interference	4
6.6	Skimmer movement through slick	5
7	Test procedures	5
7.1	Preparations prior to testing	5
7.2	Actions during testing period	6
7.3	Actions after testing	6
8	Performance parameters	6
8.1	General	6
8.2	Fluid recovery rate	6
8.3	Oil recovery testing rate	7
8.4	Oil recovery efficiency	7
9	Measurements and reporting	7
9.1	General	7
9.2	Oil properties	7
9.3	Environmental parameters	7
9.4	Skimmer operating parameters	7
9.5	Other test parameters	8
9.6	Recovery parameters	8
9.7	Performance parameters (calculated parameters)	8
9.8	Equipment specification and test documentation	8
10	Quality control	8
10.1	Test duration and fluid volume	8
10.2	Repetitions	9
Bibliography		10