

Directive of the European Parliament and of the Council of 12 December
2006 laying down technical requirements for inland waterway vessels
and repealing Council Directive 82/714/EEC (2006/87/EC) (repealed)

Article 1	Classification of waterways
Article 2	Scope of application
Article 3	Obligation to carry a certificate
Article 4	Supplementary Community inland navigation certificates
Article 5	Additional or reduced technical requirements for certain zones
Article 6	Dangerous goods
Article 7	Derogations
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ANNEX I

LIST OF COMMUNITY INLAND WATERWAYS DIVIDED
GEOGRAPHICALLY INTO ZONES 1, 2, 3 AND 4

CHAPTER 1

Zone 1

Federal Republic of Germany
Republic of Poland

United Kingdom of Great Britain and Northern Ireland

Zone 2

Czech Republic
Federal Republic of Germany
French Republic
Republic of Hungary
Kingdom of the Netherlands
Republic of Poland
United Kingdom of Great Britain and Northern Ireland

CHAPTER 2

Zone 3

Kingdom of Belgium
Czech Republic
Federal Republic of Germany
French Republic
Republic of Hungary
Kingdom of the Netherlands
Republic of Austria
Republic of Poland

- River Biebrza from the estuary of the Augustowski Channel to...
- River Brda from the link with the Bydgoski Channel in...
- River Bug from the estuary of the river Muchawiec to...
- Lake Dąbie to the frontier with internal sea waters
- The Augustowski Channel from the link with the river Biebrza...
- The Bartnicki Channel from Lake Ruda Woda to Lake Bartężek,...
- The Bydgoski Channel
- The Elbląski Channel from Lake Druzno to Lake Jeziorak and...
- The Gliwicki Channel together with the Channel Kędzierzyński
- The Jagielloński Channel from the link with the river Elbląg...
- The Łączański Channel
- The Ślesiński Channel with the lakes located along the route...
- The Żerański Channel
- River Martwa Wisła from the river Wisła in Przegalina to...
- River Narew from the estuary of the river Biebrza to...
- River Nogat from the river Wisła to the estuary of...
- River Noteć (upper) from Lake Gopło to the link with...
- River Nysa Łużycka from Gubin to the estuary to River...
- River Odra from the town of Racibórz to the link...
- River Western Odra from a weir in Widuchowa (704,1 km of...
- River Parnica and the Parnicki Piercing from River Western Odra...
- River Pisa from Lake Roś to the estuary of River...
- River Szarpawa from River Wisła to the estuary of the...
- River Warta from the Ślesińskie Lake to the estuary of...
- System of Wielkie Jeziora Mazurskie encompassing the lakes linked by...
- River Wisła from the estuary of River Przemsza to the...

Slovak Republic
United Kingdom of Great Britain and Northern Ireland

CHAPTER 3

Zone 4

Kingdom of Belgium
Czech Republic
Federal Republic of Germany
French Republic
Italian Republic
Republic of Lithuania
Grand Duchy of Luxembourg
Republic of Hungary
Kingdom of the Netherlands
Republic of Austria
Republic of Poland
Slovak Republic
United Kingdom of Great Britain and Northern Ireland

ANNEX II

MINIMUM TECHNICAL REQUIREMENTS APPLICABLE TO VESSELS ON INLAND WATERWAYS OF ZONES 1, 2, 3 AND 4

PART I

CHAPTER 1

GENERAL

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Article 1.02	(Left void)
Article 1.03	(Left void)
Article 1.04	(Left void)
Article 1.05	(Left void)
Article 1.06	Temporary requirements
Article 1.07	Administrative instructions

CHAPTER 2

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Article 2.03	Presentation of the craft for inspection
Article 2.04	(Left void)
Article 2.05	Provisional Community certificate
Article 2.06	Validity of the Community certificate
Article 2.07	Particulars in and amendments to the Community certificate
Article 2.08	(Left void)
Article 2.09	Periodical inspection
Article 2.10	Voluntary inspection
Article 2.11	(Left void)

Article 2.12	(Left void)
Article 2.13	(Left void)
Article 2.14	(Left void)
Article 2.15	Expenses
Article 2.16	Information
Article 2.17	Register of Community certificates
Article 2.18	Official number
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PART II

CHAPTER 3

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Article 5.07	Stopping capacity
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Article 7.07	Radio telephony systems for vessels with wheelhouses designed for radar navigation by one person
Article 7.08	Internal communication facilities on board
Article 7.09	Alarm system
Article 7.10	Heating and ventilation
Article 7.11	Stern-anchor operating equipment
Article 7.12	Retractable wheelhouses
Article 7.13	Entry in the Community certificate for vessels with wheelhouses designed for radar navigation by one person

CHAPTER 8

ENGINE DESIGN

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Article 8.02	Safety equipment
Article 8.03	Power plant
Article 8.04	Engine exhaust system
Article 8.05	Fuel tanks, pipes and accessories
Article 8.06	Storage of lubricating oil, pipes and accessories
Article 8.07	Storage of oils used in power transmission systems, control and activating systems and heating systems, pipes and accessories
Article 8.08	Bilge pumping and drainage systems
Article 8.09	Oily water and used oil stores
Article 8.10	Noise emitted by vessels

CHAPTER 8a

(Left void)

CHAPTER 9

ELECTRICAL EQUIPMENT

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Article 9.02	Electricity supply systems
Article 9.03	Protection against physical contact, intrusion of solid objects and the ingress of water
Article 9.04	Protection from explosion
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Article 9.06	Maximum permissible voltages
Article 9.07	Distribution systems
Article 9.08	Connection to shore or other external networks
Article 9.09	Power supply to other craft
Article 9.10	Generators and motors
Article 9.11	Accumulators
Article 9.12	Switchgear installations
Article 9.13	Emergency circuit breakers
Article 9.14	Installation fittings
Article 9.15	Cables
Article 9.16	Lighting installations
Article 9.17	Navigation lights
Article 9.18	(Left void)
Article 9.19	Alarm and safety systems for mechanical equipment
Article 9.20	Electronic equipment
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Article 11.03	Dimensions of working spaces
Article 11.04	Side decks
Article 11.05	Access to working spaces
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Article 11.08	Interior spaces

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Article 15.07	Propulsion system
Article 15.08	Safety devices and equipment
Article 15.09	Life-saving equipment
Article 15.10	Electrical Equipment
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Article 15.15	Derogations for certain passenger vessels

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Article	Exceptions for certain passenger sailing vessels
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Article	General provisions for standing and running rigging
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Article 15a.16	Fittings and parts of the rigging
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Article 16.02	Craft suitable for being pushed
Article 16.03	Craft suitable for propelling side-by-side formations
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Article 17.03	Additional requirements
Article 17.04	Residual safety clearance
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Article 18.02	Application of Part II
Article 18.03	Derogations
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SPECIFIC REQUIREMENTS APPLICABLE TO HISTORIC VESSELS

CHAPTER 19a

SPECIFIC REQUIREMENTS APPLICABLE TO CANAL BARGES

CHAPTER 19b

SPECIFIC REQUIREMENTS APPLICABLE TO
VESSELS NAVIGATING ON ZONE 4 WATERWAYS

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SPECIFIC REQUIREMENTS APPLICABLE TO SEA-GOING VESSELS

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SPECIFIC REQUIREMENTS APPLICABLE TO RECREATIONAL CRAFT

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Article 21.02 Application of Part II
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STABILITY OF VESSELS CARRYING CONTAINERS

Article 22.01 General
Article 22.02 Limit conditions and method of calculation for confirmation of stability for the transport of non-secured containers
Article 22.03 Limit conditions and method of calculation for confirmation of stability for the transport of secured containers
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CHAPTER 22a

SPECIFIC REQUIREMENTS APPLICABLE TO CRAFT LONGER THAN 110 M

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CHAPTER 22b

SPECIFIC REQUIREMENTS APPLICABLE TO HIGH-SPEED VESSELS

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Article	Application of Part I
22b.02	
Article	Application of Part II
22b.03	
Article	Seats and safety belts
22b.04	
Article	Freeboard
22b.05	
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22b.11	
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EQUIPMENT OF VESSELS WITH REGARD TO MANNING

Article 23.01	(Left void)
Article 23.02	(Left void)
Article 23.03	(Left void)
Article 23.04	(Left void)
Article 23.05	(Left void)
Article 23.06	(Left void)
Article 23.07	(Left void)
Article 23.08	(Left void)
Article 23.09	Vessels' equipment
Article 23.10	(Left void)
Article 23.11	(Left void)
Article 23.12	(Left void)
Article 23.13	(Left void)
Article 23.14	(Left void)
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TRANSITIONAL AND FINAL PROVISIONS

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Article 24.02	Derogations for craft which are already in service
Article 24.03	Derogations for craft which were laid down on or before 1 April 1976
Article 24.04	Other derogations
Article 24.05	(Left void)
Article 24.06	Derogations for craft not covered by Article 24.01
Article 24.07	(Left void)

CHAPTER 24a

ADDITIONAL TRANSITIONAL PROVISIONS FOR
CRAFT NOT NAVIGATING ON ZONE R WATERWAYS

Article 24a.01	Application of transitional provisions to craft already in service and validity of previous Community certificates
Article 24a.02	Derogations for craft already in service
Article 24a.03	Derogations for craft which were laid down before 1 January 1985
Article 24a.04	Other derogations

Appendix I

Safety signs

The symbols actually used may slightly differ from or be...

Appendix II

Administrative instructions

1 Requirements relating to the capacity for evasive action and...

ANNEX III

SUBJECTS FOR POSSIBLE ADDITIONAL TECHNICAL REQUIREMENTS
APPLICABLE TO VESSELS ON INLAND WATERWAYS OF ZONES 1 AND 2

Any additional technical requirements adopted by a Member State under...

Definitions Necessary for understanding the additional requirements Stability Structure reinforcement...

ANNEX IV

SUBJECTS FOR POSSIBLE REDUCTIONS OF THE TECHNICAL REQUIREMENTS APPLICABLE TO VESSELS ON INLAND WATERWAYS OF ZONES 3 AND 4

Any reduced technical requirements allowed by a Member State
under...
Zone 3 Anchor equipment, including length of anchor chains
(Forward)...

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MODEL COMMUNITY INLAND NAVIGATION CERTIFICATES

Part I

MODEL COMMUNITY INLAND NAVIGATION CERTIFICATE

Part II

MODEL SUPPLEMENTARY COMMUNITY INLAND NAVIGATION CERTIFICATE

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MODEL PROVISIONAL COMMUNITY INLAND NAVIGATION CERTIFICATE

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MODEL REGISTER OF COMMUNITY INLAND NAVIGATION CERTIFICATES

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Criteria for the approval of classification societies

Part II

Procedure for the approval of classification societies

Part III

List of approved classification societies

ANNEX VIII

RULES OF PROCEDURE FOR THE CARRYING OUT OF INSPECTIONS

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REQUIREMENTS CONCERNING THE COLOUR AND INTENSITY OF LIGHTS AND THE APPROVAL OF SIGNAL LANTERNS FOR INLAND WATERWAY VESSELS

CHAPTER 1

DEFINITIONS

Article 1.01	Signal lanterns
Article 1.02	Signal lights
Article 1.03	Light sources
Article 1.04	Optic
Article 1.05	Filter
Article 1.06	Relation between IO, IB and t

CHAPTER 2

REQUIREMENTS FOR SIGNAL LIGHTS

Article 2.01	Colour of signal lights
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Article 2.03	Signal light dispersion

CHAPTER 3

REQUIREMENTS FOR SIGNAL LANTERNS

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CHAPTER 4

TESTS, APPROVAL AND MARKINGS

Article 4.01	Type tests
Article 4.02	Test procedure
Article 4.03	Approval certificate
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Article 1.02	Operating requirements
Article 1.03	Mounting
Article 1.04	Photometric requirements
Article 1.05	Components
Article 1.06	Maintenance
Article 1.07	Safety requirements
Article 1.08	Accessories
Article 1.09	Non-electric signal lanterns
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CHAPTER 2

PHOTOMETRIC AND COLORIMETRIC REQUIREMENTS

Article 2.01	Photometric requirements
Article 2.02	Colorimetric requirements

CHAPTER 3

MANUFACTURING REQUIREMENTS

Article 3.01	Electric signal lanterns
Article 3.02	Filters and optical glasses
Article 3.03	Electric light sources

CHAPTER 4

TEST AND APPROVAL PROCEDURE

Article 4.01	General rules of procedure
Article 4.02	Application
Article 4.03	Test
Article 4.04	Approval
Article 4.05	Cessation of validity of the approval

Appendix Environment tests

1. Test concerning protection against splashing water and dust
 - 1.1. The type of lantern protection shall be guaranteed in accordance...
 - 1.2. The protection of the sample against water is evaluated as...
2. Humid atmosphere test
 - 2.1. Purpose and application
 - 2.2. Execution
 1. The test is conducted in a test chamber in which,...

2. The sample shall not be exposed to heat radiation from...
3. The sample shall have been out of service immediately prior...
4. The sample is placed in a test chamber at an...
5. The chamber is closed. The air temperature is set at...
6. The relative humidity of the air is raised to not...
7. The air temperature in the chamber is increased progressively to...
8. The air temperature is maintained at $+ 40 \pm 2$...
9. The air temperature is reduced to $+ 25 \pm 3$ °C...
10. The air temperature is maintained at $+ 25 \pm 3$...
11. Phase 7 is repeated.
12. Phase 8 is repeated.
13. Not earlier than 10 hours after the start of phase...
14. After the time necessary to achieve normal operation in accordance...
15. Within a period of one to three hours, with the...
16. The chamber is opened and the sample exposed to the...
17. After 3 hours, and when all humidity visible on the...
18. The sample is subjected to a visual inspection. The body...
- 2.3. Results to be obtained
 - 2.3.1. The sample shall function normally under the conditions stipulated in...
 - 2.3.2. The operating data for phases 12 and 18 shall be...
 - 2.3.3. There shall be no corrosion or no residual condensate inside...
3. Cold test
 - 3.1. Purpose
 - 3.2. Execution
 1. The test is carried out in a test chamber in...
 2. The sample is placed in a test chamber at an...
 3. The temperature in the chamber is lowered to $- 25$...
 4. The temperature in the chamber is maintained at $- 25$...
 5. The temperature in the chamber is raised to $0 \pm$...
 6. During the last hour of phase (4) in climate class...
 7. The temperature in the chamber is raised to ambient temperature...
 8. Once the sample has reached temperature equilibrium, the chamber is...
 9. The functions of the sample are checked again and the...
 - 3.3. Results to be obtained
4. Heat test
 - 4.1. Purpose and application
 - 4.2. Execution
 1. The test is conducted in a test chamber in which,...
 2. The sample is placed in a test chamber at a...
 3. The air temperature in the chamber is raised to the...
 4. The air temperature is maintained at the test temperature until...
 5. The temperature is lowered to ambient temperature over a period...
 - 4.3. Results to be obtained
5. Vibration test
 - 5.1. Purpose and application
 - 5.2. Execution
 1. Test apparatus

2. First inspection, mounting and putting into service
 3. Preliminary inspection of performance when subjected to vibrations
 4. Test of switching functions
 5. Extended test
 6. Fixed frequency extended test
 7. Final inspection of performance when subjected to vibration
 8. Conclusions of the inspection
- 5.3. Results to be obtained
6. Accelerated weather resistance test
 - 6.1. Purpose and application
 - 6.2. Number of samples
 - 6.3. Preparation of samples
 - 6.4. Test apparatus
 - 6.4.1. Radiation source
 - 6.4.2. Optical filters
 - 6.5. Sprinkling and air humidifying device
 - 6.6. Ventilation device
 - 6.7. Sample mounts
 - 6.8. Blackpanel thermometer
 - 6.9. Irradiation measuring apparatus
 - 6.10. Execution
 - 6.10.1. The samples are placed in mounts so that water cannot...
 - 6.10.2. The temperature of the black panel at the point where...
 - 6.10.3. Samples installed in mounts and the sensor of the irradiation...
 - 6.11. Test duration and procedure
 - 6.12. Assessment
 7. Salt water and weather-resistance test
 - 7.1. Purpose and application
 - 7.2. Execution
 1. Test apparatus
 2. Preliminary inspection
 3. Spraying phase
 4. Humidity period
 5. Repetition of the test cycle
 6. Subsequent treatment
 7. Conclusions of the inspection
 - 7.3. Results to be obtained

PART III

MINIMUM REQUIREMENTS AND TEST CONDITIONS FOR RADAR EQUIPMENT USED FOR NAVIGATION IN INLAND WATERWAY VESSELS

CHAPTER 1

GENERAL

- | | |
|--------------|--|
| Article 1.01 | Scope |
| Article 1.02 | Purpose of the radar equipment |
| Article 1.03 | Approval testing |
| Article 1.04 | Application for approval testing |
| Article 1.05 | Type-approval |
| Article 1.06 | Marking of the equipment and approval number |

- Article 1.07 Manufacturer's declaration
- Article 1.08 Modifications to approved equipment

CHAPTER 2

GENERAL MINIMUM REQUIREMENTS FOR RADAR EQUIPMENT

- Article 2.01 Construction, design
- Article 2.02 Spurious emissions and electromagnetic compatibility
- Article 2.03 Operation
- Article 2.04 Operating instructions
- Article 2.05 Installation and operating tests

CHAPTER 3

MINIMUM OPERATIONAL REQUIREMENTS FOR RADAR EQUIPMENT

- Article 3.01 Operational readiness of radar equipment
- Article 3.02 Resolution
- Article 3.03 Range scales
- Article 3.04 Variable range marker
- Article 3.05 Lubber line
- Article 3.06 Off-centring
- Article 3.07 Bearing scale
- Article 3.08 Bearing facilities
- Article 3.09 Facilities for reducing sea and rain clutter
- Article 3.10 Reduction of interference from other radar equipment
- Article 3.11 Compatibility with radar beacons
- Article 3.12 Gain control
- Article 3.13 Frequency tuning
- Article 3.14 Nautical orientation lines and information on the screen
- Article 3.15 System sensitivity
- Article 3.16 Target trail
- Article 3.17 Slave indicators

CHAPTER 4

MINIMUM TECHNICAL REQUIREMENTS FOR RADAR EQUIPMENT

- Article 4.01 Operation
- Article 4.02 Display
- Article 4.03 Radar picture characteristics
- Article 4.04 Colour of the display
- Article 4.05 Picture refreshment rate and persistence
- Article 4.06 Display linearity
- Article 4.07 Accuracy of range and azimuthal measurements
- Article 4.08 Antenna characteristics and emission spectrum

CHAPTER 5

TEST CONDITIONS AND TEST METHODS FOR RADAR EQUIPMENT

- Article 5.01 Safety, load capacity and interference diffusion

- Article 5.02 Spurious emissions and electromagnetic compatibility
- Article 5.03 Test procedure
- Article 5.04 Antenna measurements

Appendix Angular resolution in ranges up to and including 1 200...

Appendix Test field for determination of the resolution of radar equipment...

PART IV

MINIMUM REQUIREMENTS AND TEST CONDITIONS FOR RATE-OF-TURN INDICATORS USED IN INLAND WATERWAY VESSELS

CHAPTER 1

GENERAL

- Article 1.01 Scope
- Article 1.02 Purpose of the rate-of-turn indicator
- Article 1.03 Approval testing
- Article 1.04 Application for approval testing
- Article 1.05 Type-approval
- Article 1.06 Marking of the equipment and approval number
- Article 1.07 Manufacturer's declaration
- Article 1.08 Modifications to approved equipment

CHAPTER 2

GENERAL MINIMUM REQUIREMENTS FOR RATE-OF-TURN INDICATORS

- Article 2.01 Construction, design
- Article 2.02 Spurious emissions and electromagnetic compatibility
- Article 2.03 Operation
- Article 2.04 Operating instructions
- Article 2.05 Installation and operating tests

CHAPTER 3

MINIMUM OPERATIONAL REQUIREMENTS FOR RATE-OF-TURN INDICATORS

- Article 3.01 Operational readiness of the rate-of-turn indicator
- Article 3.02 Indication of the rate of turn
- Article 3.03 Measuring ranges
- Article 3.04 Accuracy of the indicated rate of turn
- Article 3.05 Sensitivity
- Article 3.06 Monitoring of operation
- Article 3.07 Insensitivity to other normal movements of the vessel
- Article 3.08 Insensitivity to magnetic fields
- Article 3.09 Slave indicators

CHAPTER 4

MINIMUM TECHNICAL REQUIREMENTS FOR RATE-OF-TURN INDICATORS

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- Article 4.03 Connection of additional equipment

CHAPTER 5

TEST CONDITIONS AND PROCEDURES FOR RATE-OF-TURN INDICATORS

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Appendix Maximum tolerances for indication errors of rate-of-turn indicators

PART V

REQUIREMENTS FOR INSTALLATION AND PERFORMANCE
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- Article 4 Requirements for on-board power supply
- Article 5 Installation of the radar antenna
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Appendix

PART VI

MODEL LIST OF TEST INSTITUTES, APPROVED
EQUIPMENT AND APPROVED INSTALLATION FIRMS

- A. COMPETENT TESTING AUTHORITIES
- B. APPROVED RADAR EQUIPMENT
- C. APPROVED RATE-OF-TURN INDICATORS
- D. APPROVED SPECIALISED FIRMS FOR THE INSTALLATION OR REPLACEMENT OF RADAR...

- (1) [OJ C 157, 25.5.1998, p. 17.](#)
- (2) Opinion of the European Parliament of 16 September 1999 ([OJ C 54, 25.2.2000, p. 79](#)), Council Common Position of 23 February 2006 ([OJ C 166 E, 18.7.2006, p. 1](#)), Position of the European Parliament of 5 July 2006 (not yet published in the Official Journal) and Council Decision of 23 October 2006.
- (3) [OJ L 301, 28.10.1982, p. 1.](#) Directive as last amended by the 2003 Act of Accession.
- (4) [OJ L 184, 17.7.1999, p. 23.](#) Decision as amended by Decision 2006/512/EC ([OJ L 200, 22.7.2006, p. 11](#)).
- (5) [OJ L 21, 29.1.1976, p. 10.](#) Directive as last amended by Directive 78/1016/EEC ([OJ L 349, 13.12.1978, p. 31](#)).
- (6) [OJ L 164, 30.6.1994, p. 15.](#) Directive as last amended by Regulation (EC) No 1882/2003 ([OJ L 284, 31.10.2003, p. 1](#)).
- (7) [OJ C 321, 31.12.2003, p. 1.](#)