


POTVRDA O EC TIPNOM ISPITIVANJU (Modul B)
EC TYPE EXAMINATION CERTIFICATE (Module B)

Br. / No. 01-011485/018038

POTVRĐUJE SE:
 THIS IS TO CERTIFY:

da je HRVATSKI REGISTAR BRODOVA obavio postupak tipnog odobrenja za dolje navedeni proizvod i utvrdio da isti udovoljava temeljnim zahtjevima Direktive 94/25/EZ s dopunama, pod uvjetima navedenim u Dodacima I i II ove Potvrde.

that CROATIAN REGISTER OF SHIPPING did undertake the relevant type approval procedure for the product identified below which was found to be in compliance with the essential requirements of the Directive 94/25/EC, as amended subject to the conditions in the Annexes I and II attached to this Certificate.

1. Podaci o proizvođaču:
 Manufacturer's data:

Naziv proizvođača:	Zephyr Tehnologije d.o.o.
Name of manufacturer:
Adresa:	Krešimirova 147, 21211 Vranjic/CROATIA
Address:
Mjesto proizvodnje (ako je različito od gornjeg):	-
Place of production (if different from above):

2. Podaci o proizvodu:
 Data on the product:

2.1 Za proizvode koje nisu rekreacijska plovila (komponente iz Dodatka II Direktive, osobna plovila na vodomlazni pogon, zahtjevi za ispušne plinove)
 For products other than recreational crafts (components listed in Annex II of Directive, personal watercraft, or requirements for exhaust emissions)

 Tip proizvoda: -
 Product type:

 Opis proizvoda: -
 Product description:

2.2 Karakteristike plovila:
 Description of craft:

 .1 Trgovački naziv plovila, tip ili broj: Outer Reef Trident 620
 Trade name of the craft, type or number:

 .2 Tip plovila: Single Hull Motor Boat (Semi-displacement, long range motor yacht)
 Type of craft:

 .3 Projektna kategorija: A-Ocean;B-Offshore;C-Inshore;D-Sheltered Waters
 Design category:

 .4 Duljina trupa: 16,92 m
 Length of hull:

 .5 Preporuka o najvećem broju osoba: 8,8,10,12 (depends on design category)
 Maximum number of persons recommended:

 .6 Najveća preporučena snaga porivnog stroja [kW]: 1600kW; (2x800kW)
 Maximum recommended engine power [kW]:

3. Ograničenja u svezi korištenja proizvoda (ako postoje): -
 Limitations on the use of the product (if any):

4. Primjenjene norme ili drugi propisi navedeni su u Dodatku I ove Potvrde: Yes
 References to the standard used or other rules are given in Annex I to this Certificate:

5. Status odobrenja dostavljene tehničke dokumentacije i izvještaji o izvršenim ispitivanjima navedeni su u Dodatku II ove Potvrde.
 Approval status of technical documentation submitted and reports of test done are given in Annex II to this Certificate.

Napomene:

Notes:

- **Ova potvrda vrijedi pod uvjetom da je udovoljeno uvjetima navedenim u Potvrdi i dodacima ovoj Potvrdi.**
This Certificate remains valid provided the conditions in the Certificate and attached Annexes are complied with.
- **Ova potvrda prestaje vrijediti u slučaju izmjene projekta proizvoda ili načina proizvodnje u odnosu na odobreni prototip. Proizvođač mora izvijestiti Hrvatski registar brodova o svakoj izmjeni na proizvodu ili proizvodnom procesu sa svrhom da dobije valjanu Potvrdu.**
This Certificate ceases to be valid for product, the design or manufacture of which has been varied or modified from the type tested. The manufacturer has to notify the Croatian Register of Shipping of any modifications or changes to the product or of product manufacture in order to obtain a valid Certificate.

Izdano od Hrvatskog registra brodova, prijavljeno tijelo broj 2489

Issued by Croatian Register of Shipping, notified body number 2489

Mjesto i datum:

Place and date:

Split 2016-06-03

M.P.

Seal

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Potpis - Signature

Marinko Popović, dipl.ing.

<p style="text-align: center;">TEMELJNI ZAHTJEVI (ref. na odgovarajuću točku u Dodatku IA i IC, Direktive) ESSENTIAL REQUIREMENTS (reference to relevant articles in Annex IA & IC of the Directive)</p>	<p style="text-align: center;">Norma, propis <i>Standards</i></p>	<p style="text-align: center;">Drugi propisi metode koji su korišteni <i>Other normative document/methods</i></p>	<p style="text-align: center;">Tehnička dokumentacija <i>Technical file</i></p>	<p style="text-align: center;">Navesti detaljno (* obvezno) <i>Please specify in more detail</i> (* Mandatory Standards)</p>
Opći zahtjevi (2) • <i>General requirements</i>	<input checked="" type="checkbox"/>			HRN EN ISO 8666:2002 *
Identifikacijski broj plovila CIN (2.1) • <i>Craft Identification Number – CIN</i>	<input checked="" type="checkbox"/>			HRN EN ISO 10087:2006 *
Pločica graditelja (2.2.) • <i>Builder's Plate</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 14945:2004
Zaštita od pada u more i sredstva za ukrcaj na plovilo osoba u moru (2.3) • <i>Protection from falling overboard and means of reboarding</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 15085:2005
Vidljivost s glavnog mjesta upravljanja (2.4) • <i>Visibility from the main steering position</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 11591:2001
Priručnik za korištenje (2.5) • <i>Owner's manual</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 10240:2008 HRN EN ISO 11192:2005
Struktura (3.1) • <i>Structure</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 12215
Stabilitet i nadvođe (3.2) • <i>Stability and freeboard</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 12217-1
Istisnina i plovnost (3.3) • <i>Buoyancy and floatation</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 12217-1
Otvori na trupu, palubi i nadgrađu (3.4) • <i>Openings in hull, deck and superstructure</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 9093/HRN EN ISO 12216
Naplavljanje (3.5) • <i>Flooding</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 11812/HRN EN ISO 12216/HRN EN ISO 15083
Najveće opterećenje preporučeno od proizvođača (3.6) • <i>Manufacturer's maximum recommended load</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 14946
Smještaj splavi za spašavanje (3.7) • <i>Liferaft stowage</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Napuštanje plovila (3.8) • <i>Escape</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 9094-2/ISO12216
Sidrenje, vez, tegalj (3.9) • <i>Anchoring, mooring and towing</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 15084
Upravljivost (4) • <i>Handling characteristics</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 8665
Strojevi i prostorije strojeva (5.1) • <i>Engines and engine spaces</i>				
Ugrađeni porivni strojevi (5.1.1) • <i>Inboard engine</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 16147
Ventilacija (5.1.2) • <i>Ventilation</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Izloženi dijelovi strojeva (5.1.3) • <i>Exposed parts</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Pokretanje izvanbrodskih motora (5.1.4) • <i>Outboard engine starting</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sustav goriva (5.2) • <i>Fuel system</i>				
Sustav goriva - općenito (5.2.1) • <i>General – fuel system</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 10088/ISO21487
Tankovi goriva (5.2.2) • <i>Fuel tanks</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 21487
Električna oprema (5.3) • <i>Electrical systems</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 28846
Sustav kormilarenja (5.4) • <i>Steering systems</i>				
Sustav kormilarenja - općenito (5.4.1) • <i>General – steering system</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 10592
Sustav kormilarenja u nuždi (5.4.2) • <i>Emergency arrangements</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Plinska instalacija (5.5) • <i>Gas systems</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 10239
Protupožarna zaštita (5.6) • <i>Fire protection</i>				
Protupožarna zaštita - općenito (5.6.1) • <i>General – fire protection</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 9094-2
Protupožarna oprema (5.6.2) • <i>Fire-fighting equipment</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Navigacijska svjetla (5.7) • <i>Navigation lights</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	COLREG 72
Sprečavanje ispuštanja u more (5.8) • <i>Discharge prevention</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HRN EN ISO 8099
Dodatak I.B/Annex I.B – Zahtjevi za ispušne plinove/Exhaust Emissions	vidi Deklaraciju o sukladnosti proizvođača porivnog stroja <i>see the Declaration of Conformity of the engine manufacturer</i>			
Dodatak I.C/Annex I.C – Zahtjevi za jačinu buke ¹ /Noise Emissions ¹	<input type="checkbox"/>	<input type="checkbox"/>		
Razina jačine buke I.C.1/Noise emission levels (I.C.1)	<input type="checkbox"/>	<input type="checkbox"/>		
Korisnički priručnik I.C.2/Owner's manual (I.C.2)	<input type="checkbox"/>	<input type="checkbox"/>		

¹ Ispuniti za plovila s ugrađenim pogonskim strojem ili ugrađenim krmenim propulzorom bez integralnog ispuha

¹ Only to be completed for boats with inboard engines or sterndrive engines without integral exhaust