






PRODUCT TECHNICAL DOCUMENTATION ASSESSMENT

1 General information

Document Nr.	0332_9_22_REDTCFRT-0
Richiedente / Applicant :	Demup Search S.r.l. Via Colleoni, 59 63074 San Benedetto del Tronto (AP) +39 340 4240685; info@metasail.it
Product / Product :	Sailing tracking system
Modello / Model :	Metasail Dream (Code: A0717)
Marchio commerciale del Product / Product trade mark	 <p>MetaSail is a brand of Demup Search S.r.l</p>
Fabbricante / Manufacturer :	Demup Search S.r.l.
Foto del Product / Product photo	
Direttive verificate / Directives under investigation:	2014/53/EU (RED); 2011/65/EU (RoHS)
Data/ Date	30/11/2022
Risultato della valutazione / Assessment result	<input checked="" type="checkbox"/> COMPLIANT ; <input type="checkbox"/> NOT COMPLIANT
Compilato da / Prepared by :	Ing. Vincenzo LA FRAGOLA

2 Product technical documentation assessment results

2.1 Marcatura ed istruzioni / Marking and instructions

MARKING AND INSTRUCTIONS REQUIREMENTS	2014/53/UE (RED) Reference	Results	Notes
 <p>- Product label: the height of the CE marking affixed to radio equipment may be lower than 5 mm, provided that it remains visible and legible.</p>	<p>Art. 19.2 (Reg.765/2008/CE)</p>	<p><input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u></p>	
 <p>- Package The CE marking shall also be affixed visibly and legibly to the packaging.</p>	<p>Art. 20.1 (Reg. 765/2008/CE)</p>	<p><input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u></p>	<p>1) For renting: non marking on the packaging (Unique box for more devices) 2) For generic public selling : Same label as put on the product</p>
<p>Identification number of the notified body</p> <p>- Package - Product label</p>	<p>Art. 20.3</p>	<p><input type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u> <input checked="" type="checkbox"/> <u>NOT APPLICABLE</u></p>	
<p>Identification of any restrictions for use:</p> <p>- Package - Instructions use</p>	<p>Art. 10.10 Reg. UE 2017/1354</p>	<p><input type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u> <input checked="" type="checkbox"/> <u>NOT APPLICABLE</u></p>	
<p>Identification of type, batch or serial number</p>	<p>Art. 10.6</p>	<p><input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u></p>	<p>Present on the Product Label</p>

MARKING AND INSTRUCTIONS REQUIREMENTS	2014/53/UE (RED) Reference	Results	Notes
Identification of the Manufacturer (Name/Trade mark/Postal address): - Product (se del caso, Package)	Art. 10.7	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	Present on the Product Label
Identification of the Importer (nome/marchio, indirizzo postale): - Product (Package, if any)	Art. 12.3	<input type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u> <input checked="" type="checkbox"/> <u>NOT APPLICABLE</u>	
Electrical data and symbols on the product label: clear, understandable and intelligible	Art. 10.8	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	
Only for radio equipment intentionally emitting radio waves; (a) frequency band(s) in which the radio equipment operates; (b) maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates	Art. 10.8	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	Nel manuale sono indicate le bande di frequenza e i valori di potenza RF associati a ciascuna delle tecnologie/bande utilizzate BLE e 4G NB-IoT
Instructions and safety information in a language which can be easily understood by consumers and other end-users	Art. 10.8	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	
Description of accessories and components, including software, which allow the radio equipment to operate as intended	Art. 10.8	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	
EU Declaration of conformity (or simplified version) to the Essential Requirements included in the instructions for use	Art. 10.9	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	Nel manuale è presente iuna dichiarazione semplificata di conformità ai requisiti essenziali della RED

MARKING AND INSTRUCTIONS REQUIREMENTS	2014/53/UE (RED) Reference	Results	Notes
If a simplified declaration is adopted, the exact internet address where the full text of the EU declaration of conformity can be obtained shall be recorded in the instructions for use	Art. 10.9	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u> <input type="checkbox"/> <u>NOT APPLICABLE</u>	Nel manuale è presente il link alla Dichiarazione UE di RED conformità completa

2.2 EU DECLARATION OF CONFORMITY ¹ (See Appendix 1)

EU DECLARATION OF CONFORMITY MODEL STRUCTURE REQUIREMENTS	2014/53/UE (RED) Reference	Results	Notes
Reference to the reference EU Directive(s): - Directive 2014/53/EU - Other Union harmonisation legislation where applicable	Art. 18 Annex VI e VII	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	
Identification of the radio equipment (product, type, batch or serial number):		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	
Name and address of the manufacturer or his authorised representative		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	
This declaration of conformity is issued under the sole responsibility of the manufacturer		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	
References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared. References must be listed with their identification number and version and, where applicable, date of issue:		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	
Where applicable, the notified body (name, number) performed ... (description of intervention) and issued the EU-type examination certificate: ...		<input type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u> <input checked="" type="checkbox"/> <u>NOT APPLICABLE</u>	

¹ Manufacturers shall ensure that each item of radio equipment is accompanied by a copy of the EU declaration of conformity or by a simplified EU declaration of conformity. Where a simplified EU declaration of conformity is provided, it shall contain the exact internet address where the full text of the EU declaration of conformity can be obtained.

"[Name of manufacturer] hereby declares that this [type of equipment] is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. "

This statement has to be accompanied by the exact address (mail address or website) where a copy of the original declaration of conformity may be found or obtained

EU DECLARATION OF CONFORMITY MODEL STRUCTURE REQUIREMENTS	2014/53/UE (RED) Reference	Results	Notes
Where applicable, description of accessories and components, including software, which allow the radio equipment to operate as intended and covered by the EU declaration of conformity		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> NOT COMPLIED <input type="checkbox"/> NOT APPLICABLE	
Place and date of issue		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> NOT COMPLIED	
Signed for and on behalf of: ... (place and date of issue): (name, function) (signature)		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> NOT COMPLIED	

2.3 Product technical documentation assessment

CONTENT	2014/53/UE (RED) Reference	Results	Notes
<p>A general description of the radio equipment including:</p> <ul style="list-style-type: none"> (i) photographs or illustrations showing external features, marking and internal layout; (ii) versions of software or firmware affecting compliance with essential requirements; (iii) user information and installation instructions 	Art. 21 Annex V	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> NOT COMPLIED	<ul style="list-style-type: none"> - Schematics and electrical - BOM - Mechanical drawings
Conceptual design and manufacturing drawings and schemes of components, sub-assemblies, circuits and other relevant similar elements		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> NOT COMPLIED	All Documents are in Folder 3,4 and 5 enclosed to theTCF
Descriptions and explanations necessary for the understanding of those drawings and schemes and the operation of the radio equipment		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> NOT COMPLIED	See in the User Manual

CONTENT	2014/53/UE (RED) Reference	Results	Notes
<p>A list of the harmonised standards applied in full or in part the references of which have been published in the <i>Official Journal of the European Union</i>, and, where those harmonised standards have not been applied, descriptions of the solutions adopted to meet the essential requirements set out in Article 3, including a list of other relevant technical specifications applied. In the event of partly applied harmonised standards, the technical documentation shall specify the parts which have been applied;</p>		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	<p>Standards applied: (Art. 3.1a – Safety and Health): EN 62368-1: 2014 + A11:2017 EN 62311: 2020 (EMF)</p> <p>(Art. 3.1b - EMC): ETSI EN 301 489-1 V2.2.3; ETSI EN 301 489-17 V3.2.4 ETSI EN 301 489-19 V2.1.1 ETSI EN 301 489-52 V1.2.1 (Art. 3.2 – Effective use of radio spectrum) ETSI EN 300 328 V.2.2.2 ETSI EN 303 413 V1.2.1 ETSI EN 301 908-13 V13.1.1</p>
Integral copy of the EU declaration of conformity		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	See Appendix 1
<p>(Only where the conformity assessment module B has been applied) Copy of the EU-type examination certificate and its annexes as delivered by the notified body involved</p>		<input type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u> <input checked="" type="checkbox"/> <u>NOT APPLICABLE</u>	
An explanation of the compliance with the requirement of Article 10(2) and of the inclusion or not of information on the packaging in accordance with Article 10(10).	Annex V	<input type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u> <input checked="" type="checkbox"/> <u>NOT APPLICABLE</u>	<p>BLE: Sub-class of Class 1 according Commission Decision 2000/299/EC (6.4.2000) Page 14 of 137 Radio Interface Specification: Wideband Data Transmission Systems; Sub-class 22</p>
Test reports or other documents certifying compliance with the essential requirements			

CONTENT	2014/53/UE (RED) Reference	Results	Notes
- art. 3.1a Health & Safety	Annex V	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	Test Report No. - 0332_8_22_SAFTR-0 Date: 30/11/2022 - 0332_7_22_EMFTR-0 Date: 30/11/2022 Issued by Radiomotive srl
- art. 3.1b EMC	Annex V	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	Test Reports No. • 0332_3_22_EMCTR-0 Date: 30/11/2022 Issued by Radiomotive srl
- art. 3.2 Radio spectrum	Annex V	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	Test Reports No. - 0332_4_22_RADIOTR-0 (BLE) Date: 30/11/2022 - 0332_5_22_RADIOTR-0 (4G) Date: 30/11/2022 - 0332_6_RADIOTR-0 (GPS) Date: 30/11/2022 Issued by Radiomotive srl
Risk analysis and assessment	Annex V	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	0332_10_22_RED_RAS-0
Declaration of correspondence with other product		<input type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u> <input checked="" type="checkbox"/> <u>NOT APPLICABLE</u>	

2.4 Manufacturing

Prescrizioni	2014/53/UE (RED) Reference	Results	Notes
The manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure compliance of the manufactured radio equipment with the technical documentation referred to in point 2 of this Annex and with the relevant essential requirements set out in Article 3.	All. II, par. 6	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	Certificato del Sistema di Gestione per la Qualità ISO 9001 :2015

2.5 Other Union harmonisation legislation where applicable:

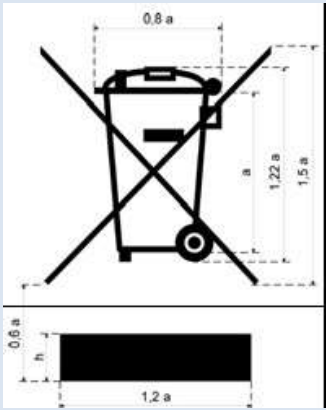
2.5.1 DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

CONTENT	DIRECTIVE 2011/65/EU Reference	Results	Notes
Manufacturers draw up the required <u>technical documentation</u>	Art. 7 module A of Annex II to Decision No 768/2008/EC	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	
Manufacturers <u>carry out the internal production control procedure</u>		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	

2.5.2 Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

CONTENT	Regulation (EC) 1907/2006 Reference	Results	Notes
Requisiti "Reach" (Reg. n. 1907/2006 and its amendments)	Annex XVII\	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	



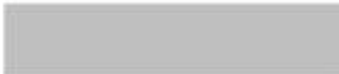
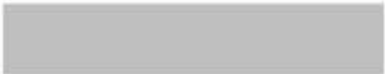
2.5.3 Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE)

CONTENT	Directive 2012/19/EU Reference	Results	Notes
<p>WEEE (Recast): 2012/19/EU: Marking</p> 	Art. 14 Annex IX	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	The WEEE mark is present on the product's label
<p>WEEE (Recast): 2012/19/EU: - Information for users</p>	Art. 14	<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	
<p>a) the requirement not to dispose of WEEE as unsorted municipal waste and to collect such WEEE separately;</p>		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	
<p>b) the return and collection systems available to them, encouraging the coordination of information on the available collection points irrespective of the producers or other operators which have set them up;</p>		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	
<p>c) their role in contributing to re-use, recycling and other forms of recovery of WEEE;</p>		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	
<p>d) the potential effects on the environment and human health as a result of the presence of hazardous substances in EEE;</p>		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	
<p>e) the meaning of the symbol shown in Annex IX.</p>		<input checked="" type="checkbox"/> COMPLIED <input type="checkbox"/> <u>NOT COMPLIED</u>	

3 Summary of assessment results

DOCUMENT	RESULT
Marking and instructions	OK
EU Declaration of conformity	OK
Technical documentation	OK
Manufacturing process: production compliance guarantee	OK

Appendice 1 – EU Declaration of compliance

		<h3>Dichiarazione di conformità UE</h3> <h3>EU Declaration of Conformity (DoC)</h3>	
Nome del fabbricante / Company name:	Demup Search S.r.l. 0685; info@metasail.it	Indirizzo postale / Postal address:	Via Colleoni, 59
CAP e Città / Postcode and City:	63074 San Benedetto del Tronto (AP) - Italy	Telefono / Telephone :	+39 340 4240685
Indirizzo Posta elettronica / E-Mail address:	info@metasail.it		
<p>declare that the DoC is issued under our sole responsibility and belongs to the following product:</p>			
Apparecchio modello / Apparatus model:	Metasail Dream (Code A0717)	Tipo prodotto / Product Type:	Sailing tracking system
Lotto n. / Batch no.:	-	Numero serie / Serial number:	-
<p>Oggetto della dichiarazione / Object of the declaration :</p>			
			
<p>L'oggetto della dichiarazione di cui sopra è conforme alla pertinente normativa di armonizzazione dell'Unione / The object of the declaration described above is in conformity with the relevant Union harmonisation legislation: - Direttiva 2014/53/UE / Directive 2014/53/EU</p>			
<p>2011/65/UE (RoHS)</p>			
<p>Riferimento alle pertinenti norme armonizzate utilizzate / The following harmonised standards and technical specifications have been applied:</p>			
<p>Titolo / Title - Data di pubblicazione / Date of standard/specification</p>			
EN 62368: 2014 + A11:2017	EN 62311: 2020	ETSI EN 301 489-1 V2.2.3	
ETSI EN 301 489-17 V3.2.4		ETSI EN 301 489-19 V2.1.1	
ETSI EN 301 489-52 V1.2.1		ETSI EN 300 328 V2.2.2	
ETSI EN 303 413 V1.2.1		ETSI EN 301 908-13 V13.1.1	
<p>Informazioni supplementari / Additional information:</p>			
<p>Test reports: 0332_8_22_SAFTR-0; 0332_7_22_EMFTR-0; 0332_3_22_EMCTR-0; 0332_4_22_RADIOTR-0 (BLE); 0175_5_22_RADIOTR-0 (4G); 0332_6_22_RADIOTR-0 (GPS)</p>			
<p>Firmato a nome e per conto di / Signed for and on behalf of:</p>			
			
<p>(Luogo e data del rilascio / Place and date of issue)</p>		<p>(Nome, funzione, firma / Name, function, signature)</p>	