

# EU type-examination report

This EU type-examination report is for EU type-examination certificate No. 0598/PPE/200785, Issue 1.

## 1. Applicant

Survitec Service & Distribution Ltd  
Survitec House,  
Lederle Lane, Gosport  
PO13 0FZ  
U.K.

## 2. Description and identification of the product

Product names: 00737A – ALB & Offshore 290N, 00738A – ILB & Inshore 380N  
00799 – Seacrewsader 2010, 00840 – Crewfit Twin 2010, 00864 – Seismic 2010,  
01056 – Working/Windfarm Jacket, 01106 – Rope Access Jacket,  
01218 – 3D Seacrewsader, 01218RA – 3D Seacrewsader Rope Access,  
01203 – NZ Crewsaver 2010 Gen

Type: Lifejacket 275 N with or without harness, as defined in EN ISO 12402-2:2006,  
EN ISO 12402-2/A1:2010, EN ISO 12402-6:2006, EN ISO 12402-6/A1:2010 and  
EN ISO 12401:2009

Descriptions:

*00737A – ALB & Offshore 290N and 00738A – ILB & Inshore 380N*

ALB 290N is an inflatable twin chamber lifejacket cover with adjustable waist and shoulder harness and integrated flare, PLB, Velcro close equipment pockets and safety lines attachment.

ILB 380N is a special purpose hybrid lifejacket which has minimum inherent foam buoyancy of 80 N and an actual foam buoyancy of 90 N. there is an additional manual inflatable buoyancy of 290 N. The lifejacket has an adjustable waist, integrated flare and PLB pockets, large side Velcro close equipment pockets and safety line attachment points.

Features: Heavy duty outer cover for good durability. RNLI reflective detailing. Buddy hugging side and body length adjusters. Front flare and PLB pockets. Safety line attachment locators on lining. Large side pockets for additional safety equipment. Lightweight foam lined cover ensures comfort, impact protection for the inflatable and floatability if dropped in water.

Size ranges: > 43 kg with chest girth of 75 – 175 cm

Colour: Red

*00799 – Seacrewsader 2010 & 00840 – Crewfit Twin 2010*

The Seacrewsader 2010 and Crewfit Twin 2010 are identical lifejackets in construction the only difference between the two is the automatic operating head. Crewfit Twin lifejackets uses Hammer operating heads.

Seacrewsader 2010 variations include

01106 – Rope Access Jacket, 01218 – 3D Seacrewsader Incorporating 01218RA – 3D Rope access Lifejacket and 00864 – V2 Seismic 2010

The Crewfit Twin 2010 variations include

01056 – Windfarm Jacket, 01056 – Working Jacket

Features:	Twin chamber 275N MSC 200(80)/SOLAS approved. Suitable for use with most immersion and abandonment suits. Fall arrest and deck safety harness, options available. Modular cover system. FR and Wipe clean covers available. Removable crotch strap options. Waterproof service and ID card labels.
Differences between variations	<p>00799 – Seacrewsader 2010 is a compact and easy to don 275N Lifejacket. Fitted with UML Automatic Operating heads.</p> <p>00840 – Crewfit Twin 2010 is identical to the 00799 Seacrewsader in construction, the only difference being the operating head. The Crewfit Twin is fitted with the Hammar Automatic Operating Mechanism.</p> <p>01056 – Working Jacket/Windfarm Jacket is a customer specific variation of the 00840 Crewfit Twin. The Working Jacket is fitted with a UML Operating Mechanism and the Windfarm is fitted with the Hammar operating mechanism.</p> <p>01106 – Rope Access is identical to the 00799 Seacrewsader in construction with the addition of a Rope Access harness. Fitted with a UML Operating Mechanism.</p> <p>01218 – 3D Seacrewsader is a 275N Lifejacket with an interchangeable cover/webbing arrangement. Fitted with a UML Operating Mechanism.</p> <p>01218RA – 3D Seacrewsader fitted with a Rope Access Harness. Fitted with a UML Operating Mechanism.</p> <p>00864 – Customer specific version of the 3D Seacrewsader with branding on covers.</p>
Size ranges:	> 43 kg with chest girth of 60 – 175 cm
Colours:	Orange, red, yellow, FR
	<i>01203 – NZ Crewsaver 2010 Gen</i>
	Specially designed for the New Zealand Defence Force based on the GEN 2 removable cover for 275 N Seacrewsader and Crewfit Twin 2010s
Features:	Knife pocket. Military Spec studs for attaching operating lanyard. Velcro panels to indicate manual operation. Removable crotch strap option. Suitable for use with most immersion and abandonment suits.
Size ranges:	> 43 kg with chest girth of 60 – 175 cm
Colours:	Black
Manufacturer:	Designed by Crewsaver, Survitec Service & Distribution Ltd, Survitec House, Lederle Lane, Gosport, PO13 0FZ, U.K
	Pictures of the products on page 3.

### 3. Adequacy and validity of the technical documentation

The documentation supplied by the applicant is listed in Appendix 1. The technical documentation is considered adequate and valid. The products have been tested in accordance with European standards EN ISO 12402-6:2006, EN ISO 12402-6/A1:2010, EN ISO 12402-7:2006, EN ISO 12402-7/A1:2011, EN ISO 12402-8:2006, EN ISO 12402-8/A1:2010, EN ISO 12402-9:2006, EN ISO 12402-9/A1:2011 and EN ISO 12401:2009 by accredited testing laboratories. The models of the products supplied by the applicant conform to the technical documentation.

## 4. Compliance with essential health and safety requirements

The products and the technical documentation relating to them comply with the relevant essential health and safety requirements stated in the Regulation (EU) 2016/425 Annex II.

Note: Any modification in design, materials, or in the technical documentation, carried out on these type-examined products must be brought to the attention of SGS Fimko.

- Appendix 1 Technical documentation
- Appendix 2 Document history

Pictures of the products:

00737A – ALB & Offshore 290N and 00738A – ILB & Inshore 380N



00799 – Seacrewsader 2010 &  
00799 – Seacrewsader &  
00840 – Crewfit Twin 2010



00840 – Crewfit Twin 2010



01203 – NZ Crewsaver 2010 Gen



End of EU type-examination report.

## Technical documentation regarding EU type-examination report 0598/PPE/200785/R

Product names: 00737A – ALB & Offshore 290N, 00738A – ILB & Inshore 380N  
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01218 – 3D Seacrewsader, 01218RA – 3D Seacrewsader Rope Access,  
01203 – NZ Crewsaver 2010 Gen

Applicant: Survitec Service & Distribution Ltd, Gosport PO13 0FZ, U.K.

Item of technical documentation	Document identification	Assessment
1. Application for the EU type examination	2020-11-03, 2020-11-04, 2020-10-12	
2. Product drawing, construction, and material list	Technical files, Sections 1.1, 1.2, 2.1, 2.2 and 3.1  .1 00737A – ALB & Offshore 290N, 00738A – ILB & Inshore 380N, issue 2, 2019-02-26 .2 00799 – Seacrewsader 2010 & 00840 – Crewfit Twin 2010, issue i2, 2019-04-18 .3 01203 – NZDF Crewsaver 2010 Gen 2, issue i2, 2019-08-07	Products are identified and described, materials are specified.
3. Compliance with Regulation (EU) 2016/425 essential health and safety requirements	The compliance assessment is based on reports mentioned below items 3.1-3.6	
3.1. SGS Fimko assessment of essential health and safety requirements	2020-12-17	The applied standards EN ISO 12402-2:2006, EN ISO 12402-2/A1:2010, EN ISO 12402-6:2006, EN ISO 12402-6/A1:2010 EN ISO 12401:2009 and test results support the relevant requirements.
3.2. Test reports and Certificates of materials and components	Technical files, Section 5.1  00737A – ALB & Offshore 290N, 00738A – ILB & Inshore 380N, issue 2, 2019-02-26 .1 DGUV test report 08 1 0152, 2008-04-08 .2 DGUV test report 08 1 0391-2, 2008-10-06 .3 DGUV test report 15 1 0564, 2015-11-20 .4 Satra Technical service report FWT0207179/1235/A/2, 2012-10-08 .5 Satra technical report SPC0179670/0943, 2009-12-18 .6 DGUV test report 08 1 0087, 2008-02-15 .7 Force Technology test report 107-34796.g, 2008-03-31 .8 Satra technical report SPC0179433/0942/12, 2009-12-08 .9 Force Technology test report 110-34857 rev. 1, 2011-04-28 .10 Satra technical report SPC0181599/1003, 2010-03-12	Used materials and components fulfil requirements as defined in EN ISO 12402-2:2006, EN ISO 12402-2/A1:2010, EN ISO 12402-6:2006, EN ISO 12402-6/A1:2010 EN ISO 12402-7:2006, EN ISO 12402-7/A1:2011 and EN ISO 12402-8:2006, EN ISO 12402-8/A1:2010 EN ISO 12402-9:2006, EN ISO 12402-9/A1:2011 EN ISO 12401:2009

Item of technical documentation	Document identification	Assessment
	.11 Fleetwood test house Component Statement YKK/09/29/12/2104d, 2009-03-16	
	.12 Fleetwood testing laboratory Evaluation DAR/FTL/2104d, 2009-04-01	
	.13 Fleetwood testing laboratory Evaluation DAR/FTL/2052a, 2008-12-03	
	.14 Force Technology test report 107-38263.b, 2008-08-14	
	.15 Rotech laboratories test report, 18-09330, 2018-08-02	
	.16 Force Technology test report 110-24383.o, 2010-06-30	
	.17 Force Technology test report 111-24339.a, 2011-06-22	
	.18 ECO test report ECO(13)-038-1-SPVD, 2013-01-28	
	.19 TÜV Austria type – approval certificate FM-INE-PE-NAC-0601-2018-IN-015, 2018-01-23	
	.20 DGUV test report 16 1 0725, 2017-01-24	
	.21 Force Certification EC Type-Examination Certificate 0200-MarED-03141 version 1, Date of issue 2017-10-31, date of expiry 2022-10-31	
	.22 Fleetwood testing laboratory test report BSL/FTL/2243a, 2011-02-25	
	.23 DGUV test certificate, PS 19130011, 2019-01-11	
	.24 DGUV test certificate, PS 19130006, 2019-01-11	
	.25 Bureau Veritas EC type examination certificate 09567/E0 MED, 2020-05-05, expire 2025-04-27	
	.26 DGUV test certificate, PS 19130004, 2019-01-11	
	00799 – Seacrewsader 2010 & 00840 – Crewfit Twin 2010, issue i2, 2019-04-18	
	.27 Satra technical report SPC0179670/0943, 2009-12-08	
	.28 Satra technical report SPC0181974/1005/15 issue 2, 2010-06-23	
	.29 Fleetwood testing laboratory component certificate, UM/18/119/12/3080c, 2018-10-01	
	.30 Rotech laboratories test report, 18-09330, 2018-08-02	
	.31 DGUV test certificate, PS 19130006, 2019-01-11	
	.32 DGUV test certificate, PS 19130011, 2019-01-11	

	<ul style="list-style-type: none"> <li>.33 Bureau Veritas EC type examination certificate 09567/E0 MED, 2020-05-05, expire 2025-04-27</li> <li>.34 Satra technical report FWT0244866/1615, 2016-05-23</li> <li>.35 Satra Technical service report FWT0207179/1235/A/2, 2012-10-08</li> <li>.36 Fleetwood Notified Bodt EC Type-Examination Certificate HM/08/473/12/1182, 2008-05-21</li> <li>.37 DGUV test report 11 1 0118, 2011-03-24</li> <li>.38 TÜV Austria type – approval certificate FM-INE-PE-NAC-0601-2018-IN-015, 2018-01-23</li> <li>.39 Force Technology test report 107-38263.b, 2008-08-14</li> <li>.40 DGUV confirmation 09 1 0020, 2009-01-12</li> <li>.41 Force Technology test report 110-24383.c, 2010-06-30</li> <li>.42 Force Technology test report 110-24383.n, 2010-07-01</li> <li>.43 DNV ·GL EC-type examination Directive 2014/90/EU on Marine ,Equipment MEDB000060U 11-10-2019</li> <li>.44 Force Technology statement 107-32089, 2007-07-05</li> <li>.45 Force Certification EC Type-Examination Certificate 0200-MarED-03141 version 1, Date of issue 2017-10-31, date of expiry 2022-10-31</li> <li>.46 Telefication by EU-type examination (Module B) certificate 172140361/AA/00, 2017-10-09</li> <li>.47 Telefication by EU-type examination (Module B) certificate 172140393/AA/00, 2017-10-16</li> <li>.48 TÜV SÜD BABT Marine Equipment directive EC Type Examination Module B Certificate BABT-MED000015 Issue 4, 2020-01-30</li> <li>.49 Hohenstein Laboratories GmbH &amp; Co. KG report No. 17.1.12.1967/2, 2018-01-10</li> <li>.50 Satra technical report FWT0196151/1128/T-3, 2011-11-10</li> <li>.51 DGUV test report 09 1 0068-1, 2009-02-05</li> <li>.52 Satra technical report, SPC0181029/0951, 2010-01-19</li> <li>.53 Satra technical report, SPC0181599/1003, 2010-03-12</li> <li>.54 Sira Certification Type examination certificate No. Sira 10ATEX4253, Issue 1, for Potential Explosive</li> </ul>	
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Item of technical documentation	Document identification	Assessment
	Atmosphere Directive 94/9/EC, 2013-04-26	
	.55 TTS Rapport d'essai: 1801043, 2018-02-20	
	.56 Aitex test report 2018CO1044, 2018-04-09	
	.57 Satra technical report SPC0181974/1005/12 issue 2, 2010-06-23	
	.58 Fleetwood testing laboratory component certificate, UM/09/07/12/1124, 2007-05-03	
	.59 Fleetwood testing laboratory test report DAR/FTL/1124, 2007-04-04	
	.60 Fleetwood testing laboratory test report BSL/FTL/2243a, 2011-02-25	
	.61 Satra technical report FWT0229040/1442, 2014-11-07	
	.62 Satra technical report SPC0181974/1005/12 issue 2, 2010-06-23	
	.63 Satra technical report SPC0181974/1005/11 issue 2, 2010-06-23	
	.64 Fleetwood testing laboratory Evaluation DAR/FTL/2052a, 2008-12-03	
	.65 Fleetwood testing laboratory component certificate, UM/16/95/12/2772, 2016-04-15	
	.66 Fleetwood testing laboratory test report BLS/FTL/3141, 2019-01-31	
	01203 – NZDF Crewsaver 2010 Gen 2, issue i2, 2019-08-07	
	.67 Force Certification EC Type-Examination Certificate 0200-MarED-03141 version 1, Date of issue 2017-10-31, date of expiry 2022-10-31	
	.68 TÜV Austria type – approval certificate FM-INE-PE-NAC-0601-2018-IN-015, 2018-01-23	
	.69 Rotech laboratories test report, 18-09330, 2018-08-02	
	.70 DGUV test certificate, PS 19130011, 2019-01-11	
	.71 DGUV test certificate, PS 19130006, 2019-01-11	
	.72 Bureau Veritas EC type examination certificate 09567/E0 MED, 2020-05-05, expire 2025-04-27	
	.73 Force Technology test report 107-38263.b, 2008-08-14	
	.74 Force Technology statement 107-32089, 2007-07-05	
	.75 Satra technical report FWT0235949/1526, 2015-07-13	
	.76 Satra technical report SPC0179670/0943, 2009-12-18	

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	<p>.77 DGUV test report 09 1 0068-1, 2009-02-05</p> <p>.78 Satra technical report FWT0196151/1128/T-3, 2011-11-10</p> <p>.79 Satra technical report SPC0181974/1005/15 issue 2, 2010-06-23</p> <p>.80 Satra technical report SPC0181974/1005/14 issue 2, 2010-06-23</p> <p>.81 Satra technical report SPC0181029/0951, 2010-01-19</p> <p>.82 Satra technical report SPC0181599/1003, 2010-03-12</p> <p>.83 Fleetwood testing laboratory test report BLS/FTL/2490, 2012-10-30</p> <p>.84 Satra technical report FWT0229040/1442, 2014-11-07</p> <p>.85 Fleetwood testing laboratory Evaluation DAR/FTL/2052a, 2008-12-03</p>	
3.3. Test reports of Products	<p>Technical files, Section 6.1</p> <p>00737A – ALB &amp; Offshore 290N, 00738A – ILB &amp; Inshore 380N, issue 2, 2019-02-26</p> <p>.1 Fleetwood testing laboratory, RS/FTL/2956, 2017-04-21</p> <p>00799 – Seacrewsader 2010 &amp; 00840 – Crewfit Twin 2010, issue i2, 2019-04-18</p> <p>.2 Fleetwood testing laboratory DK/FTL/2351, 2011-10-20</p> <p>.3 Fleetwood testing laboratory DK/FTL/2611, 2014-02-25</p> <p>.4 Fleetwood testing laboratory SLJ/FTL/2276, 2010-10-14</p> <p>.5 Fleetwood testing laboratory BLS/FTL/2218, 2010-07-29</p> <p>.6 Fleetwood testing laboratory BLS/FTL/2218a, 2010-08-02</p> <p>.7 Fleetwood testing laboratory BLS/FTL/2218b, 2010-09-06</p> <p>.8 Fleetwood testing laboratory BLS/FTL/2351, 2011-07-18</p> <p>.9 Fleetwood testing laboratory BLS/FTL/2565, 2013-10-21</p> <p>.10 Fleetwood testing laboratory DK/FTL/2611, 2014-02-25</p> <p>.11 Fleetwood testing laboratory JH/FTL/2689, 2014-11-13</p> <p>.12 Fleetwood testing laboratory RS/FTL/2907, 2018-12-09</p> <p>.13 Fleetwood testing laboratory RS/FTL/2949, 2018-08-03</p> <p>.14 Fleetwood testing laboratory NW/FTL/2988, 2017-06-16</p> <p>.15 Fleetwood testing laboratory NW/FTL/3000, 2017-09-20</p>	<p>00737A – ALB &amp; Offshore 290N, 00738A – ILB &amp; Inshore 380N 00799 – Seacrewsader 2010, 00840 – Crewfit Twin 2010, 00864 – Seismic 2010, 01056 – Working/Windfarm Jacket, 01106 – Rope Access Jacket, 01218 – 3D Seacrewsader, 01218RA – 3D Seacrewsader Rope Access and 01203 – NZ Crewsaver 2010 Gen fulfil the requirements as defined in EN ISO 12402-2:2006, EN ISO 12402-2/A1:2010, EN ISO 12402-6:2006, EN ISO 12402-6/A1:2010 EN ISO 12401:2009</p>



Item of technical documentation	Document identification	Assessment
	<p>.16 Fleetwood testing laboratory DB/FTL/3147, 2019-01-31</p> <p>.17 Fleetwood testing laboratory DB/FTL/3147a Issue 2, 2019-02-11</p> <p>.18 Fleetwood testing laboratory DB/FTL/3147b, 2019-03-15</p> <p>.19 Fleetwood testing laboratory DB/FTL/3147e, 2019-07-26</p> <p>01203 – NZDF Crewsaver 2010 Gen 2, issue i2, 2019-08-07</p> <p>.20 Fleetwood testing laboratory JH/FTL/2689, 2014-11-13</p> <p>.21 Fleetwood testing laboratory SHL/FTL/2884, 2016-09-08</p>	
3.4. Draft information sheet	<p>Technical files, Section 4</p> <p>.1 00737A – ALB &amp; Offshore 290N, 00738A – ILB &amp; Inshore 380N, issue 2, 2019-02-26</p> <p>.2 00799 – Seacrewsader 2010 &amp; 00840 – Crewfit Twin 2010, issue i2, 2019-04-18</p> <p>.3 01203 – NZDF Crewsaver 2010 Gen 2, issue i2, 2019-08</p>	Documents meet the requirements of the PPE Regulation and EN ISO 12402-2:2006, EN ISO 12402-2/A1:2010, EN ISO 12402-6:2006, EN ISO 12402-6/A1:2010 EN ISO 12401:2009 after changing NB information.
3.5. Product marking	<p>Draft markings, Technical file, Section 2.1</p> <p>.1 00737A – ALB &amp; Offshore 290N, 00738A – ILB &amp; Inshore 380N, issue 2, 2019-02-26</p> <p>.2 00799 – Seacrewsader 2010 &amp; 00840 – Crewfit Twin 2010, issue i2, 2019-04-18</p> <p>.3 00799 – Seacrewsader 2010 &amp; Crewfit Twin 2010 Cover, issue i27, 2020-10-12</p> <p>.4 01056 – Windfarm and Working Jacket, issue i8, 2020-10-19</p> <p>.5 01106 – Rope Access Jacket, issue i12, 2020-10-21</p>	Markings meet the requirements of the PPE Regulation, EN ISO 12402-2:2006, EN ISO 12402-2/A1:2010, EN ISO 12402-6:2006, EN ISO 12402-6/A1:2010 EN ISO 12401:2009 after changing NB information when applicable.
3.6. Risk assessment	PPE Regulation (EU) 2016/425 – Essential H&S Requirements Risk Matrix (Basic), Issue 1, April 2017	Adequate
4. Description of the production quality system and related product control and test facilities	The assessment is based on documents mentioned below, items 4.1-4.2	

<i>Item of technical documentation</i>	<i>Document identification</i>	<i>Assessment</i>
4.1. Quality control at the manufacturer	.1 Lloyd's Register Certificate of Approval ISO 9001:2015, 10227008, 2019-12-01, expiry date 2022-11-30 .2 TÜV SÜD Management Service GmbH Certificate for Suzhou Betacera Technology Co., Ltd. 12 100 41266 TMS, 2019-04-10, until 2022-03-31 .3 WIT Assessment, Certificate of Registration ISO 9001:2015 for Winning Industrial Co., Ltd./Dongguan Shout Sun Neoprene Rubber Products Co., Ltd. Date of Issue 2019-06-26, valid until 2021-06-18	The quality control described fulfils the requirements of the PPE Regulation.
4.2. Quality control by notified body	Agreement with the SGS Fimko Oy on the EU quality control system for the final product, module D for PPE category III products.	The agreement document is adequate.

**Document history of EU type-examination certificate 0598/PPE/200785 and report 0598/PPE/200785/R**

2020-12-17	EU type-examination certificate 0598/PPE/200785, Issue 1
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