

## Application for Approval of Additional Equipment

<i>Applicant to complete</i>	
Applicant's Name	Esther Westmaas
Address	Nieuwburen 102, 8442CV Heerenveen, The Netherlands
Telephone	
Email	<a href="mailto:emwestmaas@upcmail.nl">emwestmaas@upcmail.nl</a>
Hansa Class / Sail No.	I don't own a boat, but I'm sailing in NED 2602
Name of equipment / repair	Servo system
Description of equipment / repair and its function	<p><i>Solid state control unit for all electrical engines. Instead of using relays for motor control this system uses semiconductor devices to control all motors.</i></p> <p><i>With relay control, motors act only full on-or-off/ this system also allows motors to be modulated at different speeds. All control boxes are similar looking to the ones already used, but joysticks react linearly instead of full-on and full-off. The more the joystick is moved to the outer position, the faster the corresponding motor is driven(the faster it rotates). All controls and button positions are the same as with the relay version.</i></p> <p><b>Why are we swapping to this system and what issue are we solving?</b></p> <p>This system is better suited to the technical backup in Grou, where my sailingclub is. Parts and servicing are more readily available. Control boxes can easily be swapped in case of failure.</p> <p>If the Hansa system fails, then parts have to come from Australia and that takes a long time. There were often issues. If a larger number of servo systems (boxes) are available, then switching one out is easier, than having to wait on parts from Australia.</p> <p>To reduce the dependancy on the Hansa system, as there were often issues with it and replacement parts take a long time to arrive. Repair of the system is convoluted and slow.</p> <p>The system has 3 components (photo):</p> <ol style="list-style-type: none"> <li>1. <b>Batteries</b> We want to use lithium-ion batteries due to reliability and their compact nature. They are placed so that all assistants can reach them. At this moment the place is next to my chair. They are the power packs of handheld drills.</li> <li>2. <b>Control box:</b> with the electronics. This version has 2 boxes, but the newer version has 1 box.</li> <li>3. <b>Controller:</b> in my case a joystick</li> </ol> <p><b>Advantage</b></p> <p>The advantage of this system over the Hansa system is that we can install and stock the parts ourselves and repairs can be done faster. The speed modulation is a welcome benefit because it is more ergonomical.</p>

	<p><b>Deviations from the existing solution</b></p> <p>-The main deviation is that motor control is done with Solid state drivers, and no (mechanical) relays are used. This allows for speed modulation of the motors, which is the only difference in operation.</p> <p>-Li-ion batteries are used, they are smaller, lighter and faster to charge, have internal protection circuits and are easily available and replaceable and cannot leak acid. However, the system can also be used with the standard lead acid batteries.</p>
Method of fixing equipment to boat	
Ability to remove the equipment whilst afloat	
Is this a one-off or will it be produced in quantity	<input checked="" type="checkbox"/> One-Off <input type="checkbox"/> Production
Comments	Production is envisioned
<p><b>Supporting Information</b></p> <p>Detailed dimensions, specifications, drawings, plans and/or photographs of the equipment including the position of equipment within the boat shall be provided. These must be attached separately as JPG, PDF, DOC, DOCX, XLS or XLSX files each not exceeding 1Mb individually and collectively not exceeding 4Mb per email.</p>	
<p><b><i>Applicant should email the completed form and attachments to <a href="mailto:info@hansaclass.org">info@hansaclass.org</a></i></b></p>	
<p><b><i>Administration Only</i></b></p>	
Application Number	RAE 080
Date Received	25 Nov 2022
Approved	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No    Date Approved/Declined: 25 Jan 2023
Technical Committee Comments	<input type="checkbox"/> Individual application <input checked="" type="checkbox"/> <del>General application</del> Under Liberty Class Rule C.5.2.(3) Servo Equipment of any origin is permitted subject to approval by IHCA Technical Committee. The application is approved for use <u>solely</u> by Esther Westmaas as a prototype. The Li-ion batteries must have an integrated battery management system for safety reasons. The batteries should be in a rugged container which is secured within the boat and is easily accessible.
Date Applicant Advised	25 Jan 2023
Date Posted to Website	







# Application for Approval of Additional Equipment

(April 2018)

3. New Equipment Application (✓ Select One)

<i>Applicant to complete</i>	
Applicant's Name	Erwin Boven
Address	Museumstraat 8, 9711 HS Groningen, Nederland
Telephone	+31 (0) 624867306
Email	<a href="mailto:eboven@home.nl">eboven@home.nl</a>
Hansa Class / Sail No.	Liberty, 2894
Name of equipment / repair	Servo system
Description of equipment / repair and its function	<p><i>Solid state control unit for all electrical engines. Instead of using relays for motor control this system uses semiconductor devices to control all motors.</i></p> <p><i>With relay control, motors act only full on-or-off/ this system also allows motors to be modulated at different speeds. All control boxes are similar looking to the ones already used, but joysticks react linearly instead of full-on and full-off. The more the joystick is moved to the outer position, the faster the corresponding motor is driven(the faster it rotates). All controls and button positions are the same as with the relay version.</i></p> <p><b>Why are we swapping to this system and what issue are we solving?</b>            This system is better suited to the technical backup in Grou, where my sailingclub is. Parts and servicing are more readily available. Control boxes can easily be swapped in case of failure. If the Hansa system fails, then parts have to come from Australia and that takes a long time. There were often issues. If a larger number of servo systems (boxes) are available, then switching one out is easier, than having to wait on parts from Australia.</p> <p>To reduce the dependancy on the Hansa system, as there were often issues with it and replacement parts take a long time to arrive. Repair of the system is convoluted and slow.</p> <p>The system has 3 components (photo):</p> <ol style="list-style-type: none"> <li><b>1. Batteries</b>              We want to use lithium-ion batteries due to reliability and their compact nature. They are placed so that all assistants can reach them. At this moment the place is next to my chair. They are the power packs of handheld drills.</li> <li><b>2. Control box:</b> with the electronics. This version has 2 boxes, but the newer version has 1 box.</li> <li><b>3. Controller:</b> in my case four push buttons to control the mainsheet and the jibsheet</li> </ol> <p><b>Advantage</b></p>

	<p>The advantage of this system over the Hansa system is that we can install and stock the parts ourselves and repairs can be done faster. The speed modulation is a welcome benefit because it is more ergonomical.</p> <p><b>Deviations from the existing solution</b></p> <p>-The main deviation is that motor control is done with Solid state drivers, and no (mechanical)relays are used. This allows for speed modulation of the motors, which is the only difference in operation.</p> <p>-Li-ion batteries are used, they are smaller, lighter and faster to charge, have internal protection circuits and are easily available and replaceable and cannot leak acid. However, the system can also be used with the standard batteries instead of the controversially acid batteries.</p>
Method of fixing equipment to boat	
Ability to remove the equipment whilst afloat	
Is this a one-off or will it be produced in quantity	X One-Off <input type="checkbox"/> Production
Comments	Production is envisioned
<p><b>Supporting Information</b></p> <p>Detailed dimensions, specifications, drawings, plans and/or photographs of the equipment including the position of equipment within the boat shall be provided. These must be attached separately as JPG, PDF, DOC, DOCX, XLS or XLSX files each not exceeding 1Mb individually and collectively not exceeding 4Mb per email.</p>	
<p><b><i>Applicant should email the completed form and attachments to <a href="mailto:info@hansaclass.org">info@hansaclass.org</a></i></b></p>	
<p><b><i>Administration Only</i></b></p>	
Application Number	RAE 080 (A)
Date Received	22 August 2023
Approved	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    Date Approved/ <del>Declined</del> 23 August 2023
Technical Committee Comments	<p><input checked="" type="checkbox"/> Individual application    <input type="checkbox"/> <del>General application</del></p> <p>RAE 080 was approved as a prototype for Mrs Westmaas. As this RAE is for identical equipment it is approved for use by Erwin Boven.</p> <p><i>Note:</i> The equipment will be evaluated at the 2023 Hansa Worlds. If assessed as suitable for all conditions where a Hansa Liberty with full Servo controls would be sailed, the RAE will be amended.</p>
Date Applicant Advised	23 August 2023
Date Posted to Website	28 August 2023

# 1. Application for Approval of Additional Equipment

## New Equipment Application

<b><i>Applicant to complete</i></b>	
Applicant's Name	Olga Gornas-Grudzien
Address	Poland
Telephone	508396365
Email	g.prokopowicz@pya.org.pl
Hansa Class / Sail No.	POL
Name of equipment / repair	Sea cushion
Description of equipment / repair and its function	a cushion that enables navigation despite mobility limitations resulting from disability. Width- 310 mm; Length- 400 mm; Height- 60 mm
Method of fixing equipment to boat	a cushion placed on a Hansa 303 fabric sailing sling seat
Ability to remove the equipment whilst afloat	yes
Is this a one-off or will it be produced in quantity	<input checked="" type="checkbox"/> One-Off <input type="checkbox"/> <del>Production</del>
Comments	
<p><b>Supporting Information</b> Detailed dimensions, specifications, drawings, plans and/or photographs of the equipment including the position of equipment within the boat shall be provided. These must be attached separately as JPG, PDF, DOC, DOCX, XLS or XLSX files each not exceeding 1Mb individually and collectively not exceeding 4Mb per email.</p>	
<p><b><i>Applicant should email the completed form and attachments to <a href="mailto:info@hansaclass.org">info@hansaclass.org</a></i></b></p>	
<p><b><i>Administration Only</i></b></p>	
Application Number	RAE 081
Date Received	06 Oct 2022
Approved	<input checked="" type="checkbox"/> Yes    Date Approved    08 OCT 2022
Technical Committee Comments	<input checked="" type="checkbox"/> Individual application <input type="checkbox"/> <del>General application</del>  The cushion may be used by the named individual when she is sailing two person in a Hansa 303. The cushion shall NOT be used when sailing one person in a Hansa 303.
Date Applicant Advised	08 Oct 2022
Date Posted to Website	TBA



Seat Length – 400mm



Seat Height - 60mm



Seat Width – 310 mm



# Application for Approval of Additional Equipment

1. Crew Equipment Application       2. Equipment Repair Application

3. New Equipment Application      (✓ Select One)

<i>Applicant to complete</i>		<i>RAE 082</i>
Applicant's Name	João Pinto	
Address	Rua 8, N°4 Bairro Pontal, 8500-557 Portimão, Portugal	
Telephone	+351969329438	
Email	Pintobp04@gmail.com	
Hansa Class / Sail No.	POR 4	
Name of equipment / repair	Boomjack	
Description of equipment / repair and its function	Would like to be able to add a Boomjack system to the boom, as a stability measure while downwind and controlling mainsail leech while upwind.	
Method of fixing equipment to boat	Quick release shackle	
Ability to remove the equipment whilst afloat	It is possible to remove while afloat – quick release shackle attached to the boom – see attached pdf	
Is this a one-off or will it be produced in quantity	<input type="checkbox"/> One-Off <input checked="" type="checkbox"/> Production	
Comments	Any of the items mentioned above are widely available on any sailing shop	
<b>Supporting Information</b> Detailed dimensions, specifications, drawings, plans and/or photographs of the equipment including the position of equipment within the boat shall be provided. These must be attached separately as JPG, PDF, DOC, DOCX, XLS or XLSX files each not exceeding 1Mb individually and collectively not exceeding 4Mb per email.		
<b><i>Applicant should email the completed form and attachments to <a href="mailto:info@hansaclass.org">info@hansaclass.org</a></i></b>		
<b><i>Administration Only</i></b>		
Application Number	RAE 082	
Date Received	28 Nov 2022	
Approved	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    Date Declined: 15 Dec 2022	
Technical Committee Comments	This application is for a VANG for Hansa 303. A Vang is not supplied with the Hansa 303. The application is <b>denied</b> as it is outside Hansa 303 Class Rules.	
Date Applicant Advised	15 Dec 2022	
Date Posted to Website		





# Application for Approval of Additional Equipment

(April 2018)

1. Crew Equipment Application       2. Equipment Repair Application

3. New Equipment Application      (✓ Select One)

<b><i>Applicant to complete</i></b>	
Applicant's Name	João Pinto
Address	Rua 8, N°4 Bairro Pontal, 8500-557 Portimão, Portugal
Telephone	+351969329438
Email	Pintobp04@gmail.com
Hansa Class / Sail No.	POR 4
Name of equipment / repair	Low Friction Ring
Description of equipment / repair and its function	Would like to be able to replace the mainsheet blocks from the traveller line, by a Low Friction Ring ( 38mm diameter, 2950 KG Breaking Load by WindDesign). It's a much cheaper option and lightweight as well.
Method of fixing equipment to boat	Mainsheet Traveller line
Ability to remove the equipment whilst afloat	It is possible to remove while afloat – Need only to unlock 1 side of the Mainsheet Traveller Line
Is this a one-off or will it be produced in quantity	<input type="checkbox"/> One-Off <input checked="" type="checkbox"/> Production
Comments	Low Friction ring is widely available on most sailing shops and cheaper then blocks
<b>Supporting Information</b> Detailed dimensions, specifications, drawings, plans and/or photographs of the equipment including the position of equipment within the boat shall be provided. These must be attached separately as JPG, PDF, DOC, DOCX, XLS or XLSX files each not exceeding 1Mb individually and collectively not exceeding 4Mb per email.	
<b><i>Applicant should email the completed form and attachments to <a href="mailto:info@hansaclass.org">info@hansaclass.org</a></i></b>	
<b><i>Administration Only</i></b>	
Application Number	RAE 083
Date Received	18 Nov 2022
Approved	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    Date Approved/ <del>Declined</del> : 27 Feb 2023
Technical Committee Comments	<del>Individual application</del> <input checked="" type="checkbox"/> General application The use of Low Friction Rings as replacement for blocks is considered to be within the spirit of the Class Rules. This application is applicable to Hansa 2.3, 303, Liberty and Hansa Breeze 2.3, & 303.
Date Applicant Advised	27 Feb 2023
Date Posted to Website	6 Mar 2023







# Application for Approval of Additional Equipment

(April 2018)

1. Crew Equipment Application       2. Equipment Repair Application  
 3. New Equipment Application      (✓ Select One)

<b>Applicant to complete</b>	
Applicant's Name	João Pinto
Address	Rua 8, Nº4 Bairro Pontal, 8500-557 Portimão, Portugal
Telephone	+351969329438
Email	Pintobp04@gmail.com
Hansa Class / Sail No.	POR 4
Name of equipment / repair	Mainsheet Traveller line
Description of equipment / repair and its function	Would like to be able to replace the mainsheet Traveller Line by a 2.5mm (Marlow) Dynema SK 99 ( with a breaking load of 1200 KG ). This allows for a smoother traveling of either the block or low friction ring.
Method of fixing equipment to boat	Plastic Rope Stopper Bobble
Ability to remove the equipment whilst afloat	It is possible to remove while afloat
Is this a one-off or will it be produced in quantity	<input type="checkbox"/> One-Off <input checked="" type="checkbox"/> Production
Comments	Dynema SK 99 is widely available on any sailing shop
<b>Supporting Information</b> Detailed dimensions, specifications, drawings, plans and/or photographs of the equipment including the position of equipment within the boat shall be provided. These must be attached separately as JPG, PDF, DOC, DOCX, XLS or XLSX files each not exceeding 1Mb individually and collectively not exceeding 4Mb per email.	
<b>Applicant should email the completed form and attachments to <a href="mailto:info@hansaclass.org">info@hansaclass.org</a></b>	
<b>Administration Only</b>	
Application Number	RAE 084
Date Received	18 Nov 2022
Approved	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    Date Approved/ <del>Declined</del> : 27 Feb 2023
Technical Committee Comments	<input type="checkbox"/> Individual application <input checked="" type="checkbox"/> General application Replacement of the supplied Traveller by a Dyneema line is considered to be within the spirit of the Class Rules. This replacement is applicable to Hansa 2.3, 303, Liberty, Hansa Breeze 2.3 and 303. Note that the length of the Traveller shall not be adjusted while racing.
Date Applicant Advised	27 Feb 2023
Date Posted to Website	6 Mar 2023

# Application for Approval of Additional Equipment

(April 2018)

1. Crew Equipment Application       2. Equipment Repair Application

3. New Equipment Application      (✓ Select One)

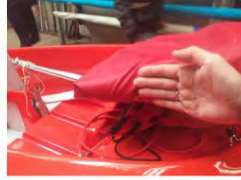
<b><i>Applicant to complete</i></b>	
Applicant's Name	João Pinto
Address	Rua 8, N°4 Bairro Pontal, 8500-557 Portimão, Portugal
Telephone	+351969329438
Email	Pintobp04@gmail.com
Hansa Class / Sail No.	POR 4
Name of equipment / repair	Outhaul low friction ring
Description of equipment / repair and its function	Would like to use a Low Friction Ring (25mm by Windesign – break load 1250 KG) on the Outhaul
Method of fixing equipment to boat	3mm Dynema tied at the end of the Boom
Ability to remove the equipment whilst afloat	It is possible to remove while afloat – untie/unfasten from the boom
Is this a one-off or will it be produced in quantity	<input type="checkbox"/> One-Off <input checked="" type="checkbox"/> Production
Comments	See attached picture
<p><b>Supporting Information</b> Detailed dimensions, specifications, drawings, plans and/or photographs of the equipment including the position of equipment within the boat shall be provided. These must be attached separately as JPG, PDF, DOC, DOCX, XLS or XLSX files each not exceeding 1Mb individually and collectively not exceeding 4Mb per email.</p>	
<p><b><i>Applicant should email the completed form and attachments to <a href="mailto:info@hansaclass.org">info@hansaclass.org</a></i></b></p>	
<p><b><i>Administration Only</i></b></p>	
Application Number	RAE 085
Date Received	18 November 2022
Approved	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No    Date Approved/ <del>Declined</del> : 27 Feb 2023
Technical Committee Comments	<input checked="" type="checkbox"/> Individual application <input checked="" type="checkbox"/> General application The use of Low Friction Rings as replacement for blocks is considered to be within the spirit of the Class Rules. This application is applicable to Hansa 2.3, 303, Liberty and Hansa Breeze 2.3, & 303.
Date Applicant Advised	27 Feb 2023
Date Posted to Website	6 Mar 2023



# Application for Approval of Additional Equipment

(April 2018)

<b>Applicant to complete</b>	
Applicant's Name	Gonçalo Pinto Gonçalves
Address	Travessa da Pimenteira, 1, 1300-460 Lisbon, Portugal
Telephone	+351 933 674 521
Email	goncalopgvlaadaptada@gmail.com; goncalompg@gmail.com
Hansa Class / Sail No.	Hansa 303 POR 11
Name of equipment / repair	Raise an RAE for use of a cushion
Description of equipment / repair and its function	Maximum thickness is 6cm and at the end it has a hip protection with a maximum height of +3cm (see the drawing of the pillow that I send in annex). Other pads are used in the HANSA 303 grade although they can be slightly narrower, 1 or 2 cm. I enclose some pictures of me on the boat wearing my hip pad.
Method of fixing equipment to boat	It has no fixing structure
Ability to remove the equipment whilst afloat	Simple removal as it has no fixing structure
Is this a one-off or will it be produced in quantity	<input checked="" type="checkbox"/> One-Off <input type="checkbox"/> Production
Comments	This cushion it is very important to me, and the seat cannot be much thinner, otherwise my hip replacement would hurt me a lot.
<b>Supporting Information</b>	
Detailed dimensions, specifications, drawings, plans and/or photographs of the equipment including the position of equipment within the boat shall be provided. These must be attached separately as JPG, PDF, DOC, DOCX, XLS or XLSX files each not exceeding 1Mb individually and collectively not exceeding 4Mb per email.	
<b>Applicant should email the completed form and attachments to <a href="mailto:info@hansaclass.org">info@hansaclass.org</a></b>	
<b>Administration Only</b>	
Application Number	RAE 086
Date Received	17 Jan 2023
Approved	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    Date Approved/:27 Feb 2023
Technical Committee Comments	<input checked="" type="checkbox"/> Individual application <input type="checkbox"/> General application This cushion may be used only by the applicant when sailing a Breeze 303. The applicant shall be assessed by World Sailing Medical Classifiers at the earliest opportunity for suitability of this cushion.
Date Applicant Advised	27 Feb 2023
Date Posted to Website	6 Mar 2023





# Application for Approval of Additional Equipment

(April 2018)

X 1. Crew Equipment Application       2. Equipment Repair Application

3. New Equipment Application      (✓ Select One)

<b><i>Applicant to complete</i></b>	
Applicant's Name	Ferroni Eleonora
Address	Via Sanguineto Case Sparse 25 – 16043 Chiavari (Italy)
Telephone	+393393786386
Email	elfe90@gmail.com
Hansa Class / Sail No.	Hansa 303
Name of equipment / repair	Elastic band for traveller
Description of equipment / repair and its function	The elastic band prevents the traveller from catching the rudder arms
Method of fixing equipment to boat	The elastic band passes through the shackle of traveller and it is fixed to the boats by two knots (see the photo)
Ability to remove the equipment whilst afloat	The elastic band is easily removed by untying the two knots and requires no permanent change to standard equipment.
Is this a one-off or will it be produced in quantity	<input checked="" type="checkbox"/> One-Off <input type="checkbox"/> Production
Comments	This system helps the sailor can't reach to free the traveller if it gets stuck in the rudder arm.
<b>Supporting Information</b> Detailed dimensions, specifications, drawings, plans and/or photographs of the equipment including the position of equipment within the boat shall be provided. These must be attached separately as JPG, PDF, DOC, DOCX, XLS or XLSX files each not exceeding 1Mb individually and collectively not exceeding 4Mb per email.	
<b><i>Applicant should email the completed form and attachments to info@hansaclass.org</i></b>	
<b><i>Administration Only</i></b>	
Application Number	RAE 087
Date Received	3 Jan 2023
Approved	<input checked="" type="checkbox"/> Yes    Date Approved: 31 March 2023
Technical Committee Comments	<input checked="" type="checkbox"/> General application RAE is approved for use on Hansa/Breeze 2.3, 303, Liberty. The weakest possible elastic/shock cord must be used to draw the mainsheet/traveller away from the tiller. A strong elastic will change the angle of the mainsheet and may affect the shape of the mainsail on various points of sail. The preferred solution is to use RAE 020.
Date Applicant Advised	31 March 2023
Date Posted to Website	12 April 2023



# Application for Approval of Additional Equipment

(April 2018)

1. Crew Equipment Application       2. Equipment Repair Application

3. New Equipment Application      (✓ Select One)

<b><i>Applicant to complete</i></b>	
Applicant's Name	Ferroni Eleonora
Address	Via Sanguineto Case Sparse 25 – 16043 Chiavari (Italy)
Telephone	+393393786386
Email	elfe90@gmail.com
Hansa Class / Sail No.	Hansa 303
Name of equipment / repair	Armrest for Hansa 303 double
Description of equipment / repair and its function	The armrest is a necessary support for sailors who lack great torso control. It offers support and prevents you from falling on top of your crew mate
Method of fixing equipment to boat	The armrest is fixed at the front under the front seat tubes and at the rear on the rear seat tube (see photo)
Ability to remove the equipment whilst afloat	The armrest can be easily removed, returning the boat to its original trim
Is this a one-off or will it be produced in quantity	<input checked="" type="checkbox"/> One-Off <input type="checkbox"/> Production
Comments	The armrest does not bother the crew during navigation and it is stable even in rough seas.
<b>Supporting Information</b> Detailed dimensions, specifications, drawings, plans and/or photographs of the equipment including the position of equipment within the boat shall be provided. These must be attached separately as JPG, PDF, DOC, DOCX, XLS or XLSX files each not exceeding 1Mb individually and collectively not exceeding 4Mb per email.	
<b><i>Applicant should email the completed form and attachments to info@hansaclass.org</i></b>	
<b><i>Administration Only</i></b>	
Application Number	RAE 088
Date Received	3 Jan 2023
Approved	<input checked="" type="checkbox"/> Yes    Date Approved: 31 March 2023
Technical Committee Comments	<input checked="" type="checkbox"/> General application RAE as shown in photographs is approved for general use on Hansa/Breeze 303.
Date Applicant Advised	31 March 2023
Date Posted to Website	12 April 2023



# THE ARMREST



HOW FIXED THE ARMREST



# Application for Approval of Additional Equipment

**3. New Equipment Application** (✓ Select One)

<b>Applicant to complete</b>	
Applicant's Name	Valeria Bastiani
Address	Via Quarto dei Mille 15 BRESCIA
Telephone	3342740839
Email	<a href="mailto:valeria.bastiani95@gmail.com">valeria.bastiani95@gmail.com</a>
Hansa Class / Sail No.	Hansa 303
Name of equipment / repair	electronically controlled seat
Description of equipment / repair and its function	It is an electronically controlled seat which can be adjusted to different positions using a joystick. People with reduced motor control of the trunk can control the seat's pitch with minimal effort on the joystick.
Method of fixing equipment to boat	the whole seat is fixed to the boat using the original seat fixing bars
Ability to remove the equipment whilst afloat	the seat is impossible to remove while the boat is floating because it completely replaces the original seat, but it is possible to disconnect the electrical system
Is this a one-off or will it be produced in quantity	X <input type="checkbox"/> Production
<p><b>Supporting Information</b> Detailed dimensions, specifications, drawings, plans and/or photographs of the equipment including the position of equipment within the boat shall be provided. These must be attached separately as JPG, PDF, DOC, DOCX, XLS or XLSX files each not exceeding 1Mb individually and collectively not exceeding 4Mb per email.</p>	
<p><b>Applicant should email the completed form and attachments to <a href="mailto:info@hansaclass.org">info@hansaclass.org</a></b></p>	
<b>Administration Only</b>	
Application Number	
Date Received	19 Feb 2023
Approved	No      Date Declined: 31 Mar 2023
Technical Committee Comments	<p>The installation of such a powered/tilting seat would make a significant change to the Centre of Gravity of the sailor and would affect the stability and handling of a Hansa 303. This might affect the CE and Recreational Craft Directive (RCD) statement for the Hansa 303.</p> <p>Electrically operated tilting seat could fail, leaving the sailor on the leeward side of the boat and, therefore, at risk of falling out of the boat.</p> <p>The Hansa 303 was not designed for a sailor with a level of impairment such that a tilting seat was necessary. (The Liberty is designed for sailors with significant disability.)</p>
Date Applicant Advised	31 Mar 2023
Date Posted to Website	12 March 2023



# Application for Approval of Additional Equipment

(April 2018)

## 1. Crew Equipment Application

<i>Applicant to complete</i>	
Applicant's Name	LE CHAT
Address	GILLES
Telephone	0684030325
Email	lechat.gilles@wanadoo.fr
Hansa Class / Sail No.	
Name of equipment / repair	Dossier Cale tronc ( <i>Back/spine support</i> )
Description of equipment / repair and its function	Je suis hémiplégique, j'ai besoin d'un appui dorsal pour maintenir mon dos droit et limiter les douleurs. ( <i>I am paralysed on one side, and I need back support to keep me upright and to limit discomfort</i> )
Method of fixing equipment to boat	Le Cale tronc est posé sur la barre du siège. ( <i>The back support is clipped to the upper seat support bar.</i> )
Ability to remove the equipment whilst afloat	Oui Yes!
Is this a one-off or will it be produced in quantity	<input checked="" type="checkbox"/> One-Off <input type="checkbox"/> Production
Comments	
<b>Supporting Information</b> Detailed dimensions, specifications, drawings, plans and/or photographs of the equipment including the position of equipment within the boat shall be provided. These must be attached separately as JPG, PDF, DOC, DOCX, XLS or XLSX files each not exceeding 1Mb individually and collectively not exceeding 4Mb per email.	
<b><i>Applicant should email the completed form and attachments to <a href="mailto:info@hansaclass.org">info@hansaclass.org</a></i></b>	
<b>Administration Only</b>	
Application Number	RAE 090
Date Received	24/03/2023
Approved	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    Date Approved/ <del>Declined</del> : 7 May 2023
Technical Committee Comments	<input type="checkbox"/> Individual application <input checked="" type="checkbox"/> General application Approved for general use on Hansa 2.3 and 303 classes using similar design. Thickness not to be greater than 50mm.
Date Applicant Advised	7 May 2023
Date Posted to Website	



# Demande d'approbation d'ajout d'équipement

## X 1. Demande d'équipement équipage

<b>A compléter par le demandeur</b>	
<i>(With English translation)</i>	
Nom du demandeur	GORISSE CLEMENTINE
Adresse	74C rue de Lambersart, bât E1, App 1, 59350 ST ANDRE
Téléphone	0660431521
Emel	clgorisse@hotmail.com
Classe Hansa / N° de voile	
Nom de l'équipement / réparation	Stick ( <i>joystick</i> )
Description de l'équipement / réparation et fonction	Extension du stick qui vient suppléer à la mobilité du bras qui manque d'amplitude. ( <i>Modified joystick to compensate for lack of arm mobility</i> )
Méthode de fixation de l'équipement sur le bateau	S'insère comme le stick initial. ( <i>Replaces standard joystick</i> )
Possibilité de retirer l'équipement à flot	Oui Yes
Est-ce unique ou sera-t-il produit en quantité ?	<input checked="" type="checkbox"/> Unique <input type="checkbox"/> Production
Commentaires	
Renseignements complémentaires Les dimensions détaillées, les spécifications, les dessins, les plans et/ou les photographies de l'équipement, y compris la position de l'équipement dans le bateau, doivent être fournis. Ces éléments doivent être joints séparément en tant que fichiers .JPG, .PDF, .DOC, .DOCX, .XLS ou .XLSX, taille maximale de 1 M <sup>o</sup> par fichier et de 4 M <sup>o</sup> par envoi électronique.	
<b><i>Le candidat doit envoyer le formulaire complété et les pièces jointes à <a href="mailto:info@hansaclass.org">info@hansaclass.org</a></i></b>	
<b><i>Administration seulement</i></b>	
Numéro d'application	RAE 091
Date de réception	14/04/2023
Approuvé	<input checked="" type="checkbox"/> oui <input type="checkbox"/> Non   Date d'approbation / <del>refus</del> : 7 May 2023
Commentaires du comité technique	<input type="checkbox"/> Demande individuelle <input checked="" type="checkbox"/> Demande générale Modified joystick has been previously approved at RAE 043 for all Hansa classes 2.3, 303, Liberty
Date à laquelle le demandeur a été informé	7 May 2023
Date de publication sur le site internet	



# Application for Approval of Additional Equipment

(April 2018)

1. Crew Equipment Application

<b><i>Applicant to complete</i></b>	
Applicant's Name	LINDSAY BURNS
Address	15 Hillside Close, Headley Down, UK
Telephone	01428 712942
Email	l.burns49@btinternet.com
Hansa Class / Sail No.	2.3 GBR2111
Name of equipment / repair	Seat cushion
Description of equipment / repair and its function	I request to use a thin shaped cushion to help protect my lower spine. It would be custom made and graduated from 25mm at the front edge to 75mm at back. The wedge angle would be 11degrees, which is the orthopaedic standard for this type of cushion. Width 90cm
Method of fixing equipment to boat	Velcro attachment to hammock seat.
Ability to remove the equipment whilst afloat	Yes
Is this a one-off or will it be produced in quantity	<input checked="" type="checkbox"/> <b>One-Off</b> <input type="checkbox"/> Production
Comments	I have severe osteoporosis and 4 damaged vertebrae between L1 and L4. I also have healed fractures at T3 and C5/6. The cushion would reduce spinal jarring and improve posture, as used in my car.
<b>Supporting Information</b> Detailed dimensions, specifications, drawings, plans and/or photographs of the equipment including the position of equipment within the boat shall be provided. These must be attached separately as JPG, PDF, DOC, DOCX, XLS or XLSX files each not exceeding 1Mb individually and collectively not exceeding 4Mb per email.	
<b><i>Applicant should email the completed form and attachments to info@hansaclass.org</i></b>	
<b><i>Administration Only</i></b>	
Application Number	RAE 093
Date Received	11 June 2023
Approved	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    Date Approved/: 26 July 2023
Technical Committee Comments	<input checked="" type="checkbox"/> Individual application <input type="checkbox"/> General application  Orthopaedic Cushion with stated dimensions approved for Applicant only.
Date Applicant Advised	26 July 2023
Date Posted to Website	28 July 2023



## Seat cushion dimensions

**11 degree angle (orthopaedic standard)**

### **Thickness**

Rear – 75mm

Front – 25mm

Length – 900 mm

Width – 450 mm



# Application for Approval of Additional Equipment

(April 2018)

✓ 3. New Equipment Application (✓ Select One)

<b>Applicant to complete</b>	
Applicant's Name	David Durston
Address	20 Rendcomb Drive, Cirencester, GL7 1YN, UK
Telephone	+44 1285 642390
Email	D.durston@btopenworld.com
Hansa Class / Sail No.	GBR3144
Name of equipment / repair	Offset eye for jib boom tensioner
Description of equipment / repair and its function	<p>Problem: The jib boom tensioning line comes out of a hole which is on the centre of the deck. It then has to go round the jib mast to the block on the eye which is fixed centrally on the bow (also fixing for the bow painter). This causes unnecessary friction against the mast and makes it hard for me to adjust the jib tension.</p> <p>Proposal: An additional eye next to the eye on the bow of the boat. The additional eye would be to relocate the block described above. The line would run round the block up to the claw for the jib boom tensioner, where there is another block. It would go round that block and back down to the deck where it would be tied off on the original eye with the painter.</p>
Method of fixing equipment to boat	Screws through the deck
Ability to remove the equipment whilst afloat	NA
Is this a one-off or will it be produced in quantity	<input checked="" type="checkbox"/> One-Off <input type="checkbox"/> Production    - Freely available
Comments	Not all Libertys have the hole for the line central on the deck, so this problem doesn't exist for all.
<p><b>Supporting Information</b> Detailed dimensions, specifications, drawings, plans and/or photographs of the equipment including the position of equipment within the boat shall be provided. These must be attached separately as JPG, PDF, DOC, DOCX, XLS or XLSX files each not exceeding 1Mb individually and collectively not exceeding 4Mb per email.</p>	
<p><b>Applicant should email the completed form and attachments to <a href="mailto:info@hansaclass.org">info@hansaclass.org</a></b></p>	
<p><b>Administration Only</b></p>	
Application Number	RAE 094
Date Received	16 June 2023
Approved	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    Date Approved/: 26 July 2023
Technical Committee Comments	<input type="checkbox"/> Individual application <input checked="" type="checkbox"/> General application This RAE is approved for use on all Hansa Liberty without further application.
Date Applicant Advised	26 July 2023
Date Posted to Website	28 July 2023

