

**SEEKER**

*R6V MkII*

**USER INFORMATION**

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# 01. PLEASE READ BEFORE USE

## INTRODUCTION

**This guide addresses the R6V MkII Seeker water rescue/recreation helmet by Pacific Helmets NZ Ltd.**

Your new helmet incorporates materials and design ideas that are primarily intended to safely protect you from all foreseeable dangers and to give the best possible comfort, convenience and appearance that a modern protective helmet can provide depending on the standard. We have selected the best possible material fit for the intended purposes, carefully engineered and manufactured the helmet to precise design and performance criteria. Your helmet will provide protection to your head and portions of your face and neck as part of a properly selected and configured ensemble.

This guide provides information and instructions related to the selection, use, care, and maintenance of your helmet. However, this guide does not tell you when and under what circumstances you should wear your helmet. Rather, it suggests how to properly wear your helmet and provides an understanding of the limitations of your helmet in how it may or may not protect you. The responsibility for determining the suitability of your helmet for specific emergency operations rests with your department or employer, who has the legal responsibility to conduct a risk assessment and decide if your helmet provides appropriate protection against identified hazards.

# WARNINGS



The helmet is designed to absorb shock by partial destruction of the shell and liner. This damage may not be visible. If subjected to severe impact or deterioration, the helmet is to be inspected, or replaced, even if it is apparently undamaged.



This helmet is not designed to provide protection from the following hazards: non-ionizing radiation, ionizing radiation, CBRN, explosions, and gun shots. This helmet is not designed for cycle or motorcycle use.



The length of the usable life of this helmet will be affected by the types of material used in its construction and the environment in which the helmet is used and stored. Recommendations on this topic should be sought from the manufacturer.



The safety intended to be provided by the helmet can only be ensured when it is properly assembled and correctly fitted, and that removable parts shall not be worn separately.



When fitted with another item of personal protective equipment or with an accessory (other than those supplied by Pacific Helmets NZ Ltd for use with this helmet), a helmet marked as complying with a standard might no longer satisfy all clauses of that standard.

# GENERAL PRE-USE INFORMATION

It is critically important that you do not use your protective helmet until you have read and understood this entire guide and the labels provided on the interior of your protective helmet.

In order to reduce, but not eliminate, your risks, **do not wear this protective helmet unless the following are understood.**

- i. **The labels, this guide and applicable standards and regulations:** You have read, fully understood, and will strictly adhere to this guide, all labels for this helmet and applicable national, state/provincial and local regulations pertinent to emergency operations or recreational use.
- ii. **Your use is in accordance with applicable standards and regulations:** Your use of the helmet is consistent with the relevant standards and regulations governing the applications in which the helmet is being used.
- iii. **Hazard/risk assessment already conducted:** You and your department, organization, or employer have conducted a risk/hazard assessment and determined that this helmet provides an acceptable level of protection for the particular emergency operations consistent with applicable federal, state/provincial, and local regulations.
- iv. **Your helmet is properly adjusted:** Your helmet must fit or be adjusted to the size of your head.
- v. **All components of your helmet are in place and properly worn:** Your helmet must be complete and you must wear your helmet properly. This includes but is not limited to the proper attachment and adjustment of your chinstrap for securing the helmet on your head.
- vi. **Limitations of protection:** You have been trained and understand that not all helmets provide heat and/or flame resistance or protection from all hazards, and you have been trained and

understand how to select and properly use the appropriate helmet to meet the expected exposure to risk.

- vii. **Other hazards:** Your protective helmet, wet or dry, may not offer complete protection from electrical shock. It will not protect you from all physical hazards. Heavy falling objects or impact with hard surfaces involve forces that can be fatal or severely injure you. Do not use your protective helmet if it is contaminated, cut, punctured, damaged, cracked, abraded, or altered from its original conditions.
- viii. **The need for complete ensemble:** This helmet is effective only when it is properly worn and is part of a complete ensemble. A complete ensemble includes appropriate elements for your overall protection and is consistent with your organization/department's hazard/risk assessment.
- ix. **Proper care and maintenance:** This helmet must be properly inspected, maintained, and cared for by you or your department, organization, or employer consistent with these instructions and applicable federal, state/provincial, and local regulations. It must be free of soiling, contamination, damage, and any alteration from its original condition that would compromise its protection. Damage and contamination of this helmet may warrant its disposal. For cleaning, maintenance, or disinfection, use only substances that have no adverse effect on the helmet and are not known to be likely to have any adverse effect upon the wearer, when applied in accordance with the manufacturer's instructions and information.
- x. **Replacement after impact:** Your helmet is made to absorb the energy of a blow by partial destruction or damage to the shell and/or padding. Even though such damage may not be readily apparent, you should replace your helmet if it is subjected to a severe impact.
- xi. **Warranty:** This helmet is NOT warranted to be fit for a particular purpose. Read carefully the "Warranty Information" in this guide. If labels in the helmet are missing or become unreadable, contact the manufacturer for replacement labels.

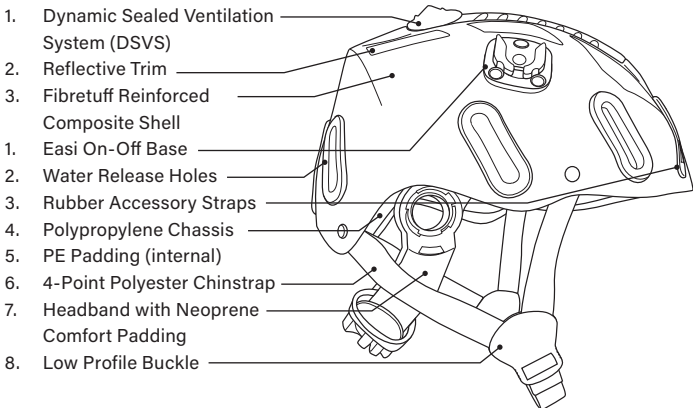
- xii. **Marking recommendations and modifications:** Do not attempt to alter or modify your helmet. Do not paint or apply any materials to the exterior of the helmet that have not been approved by Pacific Helmets. For identification purposes, you may mark your protective helmet on the interior using an indelible marker, if permitted by your department or organization. Do not write over or obscure information on the product label. Do not apply paint, solvents, adhesives or self-adhesive labels, except in accordance with instructions from the helmet manufacturer. Helmets should not be adapted for the purpose of fitting attachments in any way not recommended by the helmet manufacturer.
- xiii. **Testing and assessment of performance:** Your protective helmet has been evaluated for a number of performance properties that are based on the respective standard(s) for its certification. These properties include, but are not limited to, impact resistance and force acceleration, physical penetration resistance, retention system slippage, suspension system retention. Where required by the relevant standards, helmets may also be checked for shell separation, label durability and legibility, corrosion resistance, and trim visibility. If you have any questions, check with your department or organization, who in turn can contact Pacific Helmets for clarification.



# 02.SUMMARY

## OVERVIEW OF THE SEEKER

Standard components available on the R6V MkII Seeker. Please note, configuration is customisable and some features may differ.



### TECHNICAL DATA

**Helmet Size:** **One Size Fits All.** Ratchet adjustable headband for head sizes between 52-61cm. Downsize padding available for smaller head sizes.

**Helmet weight:** **630g  $\pm$  5%**

**Standards:**

- **EN 1385:2012**
- **Selective clauses of EN443:2008 as follows:**
  - Protection against hot solids
  - Protection against molten metal
  - Flame resistance



- Surface electrical insulation
- Resistance to liquid chemical

## PARTS

Details of current accessories and spare parts approved by the manufacturer.

### SPARE PARTS AND ACCESSORIES \*

- |                        |   |
|------------------------|---|
| <b>Reflectors:</b>     | <ul style="list-style-type: none"> <li>▪ Trim 3M680 Range</li> <li>▪ Trim Lime/Yellow 3M8887</li> </ul>   |
| <b>Liner:</b>          | <ul style="list-style-type: none"> <li>▪ PE Padding</li> </ul>  |
| <b>Headband:</b>       | <ul style="list-style-type: none"> <li>▪ Headband and Neoprene Comfort Padding</li> </ul>   |
| <b>Grommets:</b>       | <ul style="list-style-type: none"> <li>▪ Water Release Holes</li> </ul>   |
| <b>Ear Protection:</b> | <ul style="list-style-type: none"> <li>▪ Pair of Ear Covers</li> </ul>  |
| <b>Lighting:</b>       | <ul style="list-style-type: none"> <li>▪ UK3AA eLED Tail Switch Torch               <ul style="list-style-type: none"> <li>▪ <i>Torch Clip for Uk3AA</i></li> </ul> </li> <li>▪ Adaro Adalit L5 Torch               <ul style="list-style-type: none"> <li>▪ <i>Torch Clip for Adaro</i></li> </ul> </li> </ul> |
| <b>Sizing:</b>         | <ul style="list-style-type: none"> <li>▪ Downsize Padding for 50-56cm</li> </ul>  |

*\* Including but not limited to, subject to change. Some options are standard dependent. Spare parts and accessories may not be compatible with your exact build of R6V MkII Seeker, please contact your distributor for more information.*



**NOTE:** it is important to consult with the distributors/ manufacturer of your helmet regarding any accessories not listed in the above table before using them with your protective helmet to avoid invalidating the helmet's certification or causing unintended consequences which might involve injuries or even death.

# 03. SETTING UP YOUR HELMET

## PREPARATION FOR USE

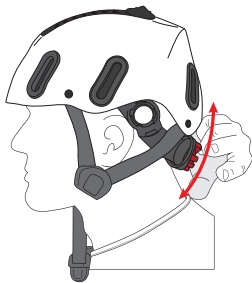
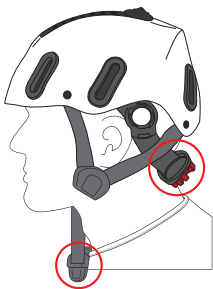
**The integrity, fit, and proper assembly of the helmet, padding, and chinstrap must be checked before each use.** Your safety depends upon the proper fit of your helmet and proper use of all features and components.

Remove the packaging and remove the user information guide from inside helmet before use.

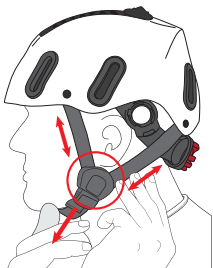
### FIT THE HELMET TO YOUR HEAD

The chinstrap and headband should be adjusted to a point where it is comfortable to wear but does not allow the helmet to move.

1. **Loosen the ratchet and undo the chinstrap. Put the helmet on your head.**
2. **Pivot the nape of the headband to suit your head.**
3. **Rotate the ratchet anti-clockwise to expand or clockwise to contract the headband to provide comfortable but firm fit. Do not overtighten the ratchet. The headband fits head sizes from 52 to 61cm.**



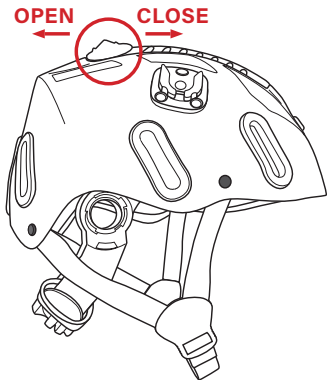
4. **Readjust the chinstrap to sit evenly around your ears.**
5. **Do up the buckle.** Pull the strap under your chin to secure. This should be fitted firmly but does not need to be so tight as to cause discomfort.



If the helmet does not fit securely when the ratchet and chinstrap are fastened, you will need to fit a downsize kit. Please see the following section on how to add a downsize kit.

## OPERATING THE DSVS VENT

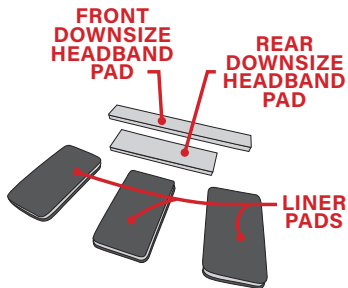
1. **To Open:** Slide the Lever to the rear of the helmet.
2. **To Close:** Slide the Lever to the front of the helmet.



# CHANGING PARTS

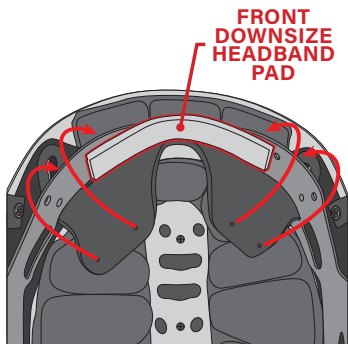
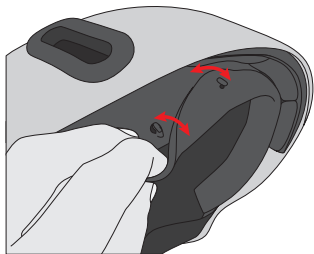
## DOWNSIZE KIT

Adding a downsize kit is recommended for smaller head sizes. Pictured is the 5 piece downsize kit. You can choose to use all of these or a selection as required to fit comfortably and securely.



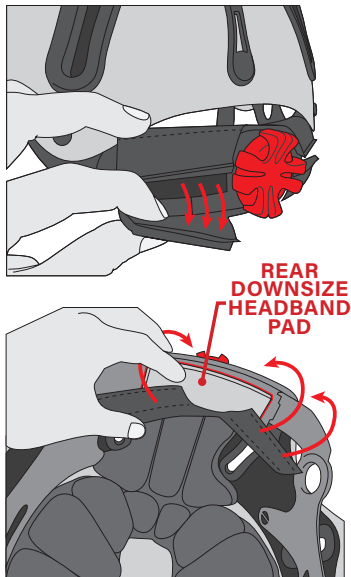
## ADDING FRONT DOWNSIZE KIT & REPLACING FRONT COMFORT PADDING

- 1. Remove front comfort pad from hooks on headband. There are also hooks further inside the helmet on the other edge of the headband.**
- 2. Optional: Place front downsize headband padding on the inside headband so it will sit against your forehead.**
- 3. Replace comfort pad by hooking the front padding back on the headband. Pull the hole in the padding further than the hook to allow it to slide into place.**



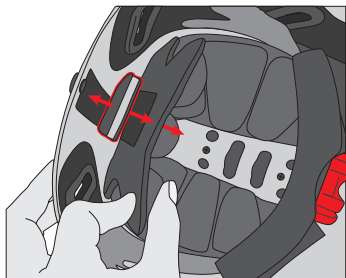
## ADDING REAR DOWNSIZE KIT & REPLACING REAR COMFORT PADDING

1. **Remove rear comfort pad by releasing Velcro.**
2. **Optional: Add Downsize Kit** in before reattaching the front and rear pads. The rear downsize headband pad goes on the opposite side to the ratchet.
3. **Replace comfort pad by reattaching the velcro on each side of the ratchet.**

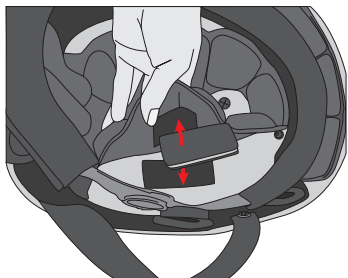


## ADDING THE LINER DOWNSIZE PADDING

1. **Peel back the rear liner padding. This is attached with Velcro.**
2. **Add in one of the Liner Downsize Pads between the Velcro on the shell and the padding.** Press loop side to hook side together. Press the liner padding firmly back in place.



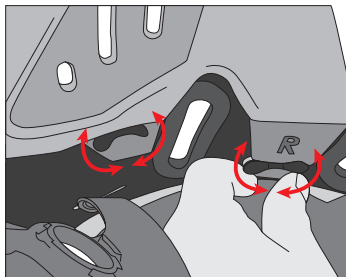
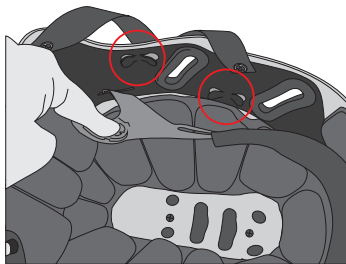
3. **Peel back the side liner padding. This is attached with Velcro.**
4. **Add in one of the Liner Downsize Pads between the Velcro on the shell and the padding.** Press loop side to hook side together. Press the liner padding firmly back in place. Repeat on the other side.



# FITTING ACCESSORIES

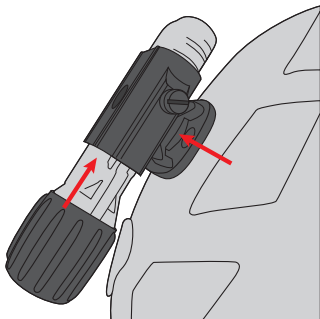
## FITTING EAR COVERS

1. **Pull back the headband at the side of the helmet to reveal the two sets of tabs.**  
The tabs are shaped like peanuts.
2. **Squeeze the tabs together and slot the Ear Cover on.**
3. **To secure the Ear Cover, expand the tabs to their original position and push them down.**
4. **Reverse process to remove Ear Covers.**



## FITTING A TORCH

1. **Slide the torch body into the Torch Clip.**
2. **Push the boss into the Easi On-Off Base tightly.**



# WEARING INSTRUCTIONS

## DONNING

The following applies for properly donning your protective helmet:

- Ensure the correct adjustment of your protective helmet as described in the previous section.
- Place your adjusted protective helmet on your head and secure the chinstrap. Never wear it without securing the chinstrap.
- Adjust all protective helmet and garment components so that they do not interfere with each other. If provided and when needed, ensure that your goggles or eye protection are correctly deployed.

## DOFFING

If your protective helmet is not contaminated:

- Remove the protective helmet in the reverse order in which you put it on.
- Inspect your protective helmet as indicated in this user guide.

If your protective helmet is damaged, report this damage or other change in its condition to your supervisor or organization (where applicable). Any damage or change in condition must be corrected before reusing your helmet. If it has become contaminated with blood, body fluids, chemicals, or hazardous substances, use protective gloves and extreme caution in removing your helmet, and do not contact the surface of your helmet with your bare hands. Seek assistance in removing your helmet and other parts of your ensemble to minimize your exposure to any contaminants.

## RECOMMENDED STORAGE PRACTICES

Always store your helmet only when it is clean, dry and free of contamination. Storing wet helmets, particularly when the chinstrap and comfort padding are wet, will promote growth of mildew, fungus, bacteria, or other harmful substances that can lead to skin irritation, rashes, and potential diseases or illnesses. Keep helmets away from potential contaminants such as oils, greases, or other chemical substances.



Store your helmet in a clean, well ventilated area away from direct sunlight and away from tools or other sharp objects. Do not store it with your personal belongings or in a personal living area. Do not store or transport your helmet in the window areas of apparatus and vehicles.

If your helmet comes with a rear hook on the back brim, hang it on the wall or your vehicle when not in use. Your helmet can also be hung using the chinstrap.

# 04. CARE & MAINTENANCE

## DETAILS OF INSPECTIONS

### ROUTINE INSPECTIONS

Inspect your helmet prior to its first use and following every use. Prior to using it for the first time, ensure that the helmet does not have any construction flaws, is completely and properly assembled, and was not damaged when being put into service. Following every use, inspect your helmet for:

- Soiling or contamination
- **Shell:** physical damage such as cracks, dents, abrasions, warping, or serious discolouration
- **Padding:** physical damage such as rips, tears, cuts, loss of seam integrity, broken/missing stitches
- **Retention systems:** damaged, broken, or missing components
- **Reflective trims:** damaged or missing pieces

If these conditions exist, alert your supervisor, department, or organization (if applicable) to make a determination on the continued serviceability of your helmet.

### ANNUAL INSPECTIONS

Your protective helmet is recommended to be subjected to a more thorough inspection at least every 12 months, or whenever there is a concern about its condition for continued service after a major incident.

## CARE AND MAINTENANCE INSTRUCTIONS

It is important that you keep your helmet clean, free of contamination, and properly maintained at all times. Helmets that are dirty or contaminated pose significant hazards. The wearing of soiled or

contaminated items can cause acute or long-term health hazards. Many contaminants can be absorbed by the skin, and some are carcinogenic. Some contaminants are so minute that they cannot be seen with naked eyes. Do not wear your protective helmet unless it is properly cleaned and thoroughly dried.

## **CLEANING PRECAUTIONS**

### **HELMET**

- Use only mild detergents with a pH range of not less than 6.0 pH and not greater than 10.5 pH as indicated on the product material safety data sheet (MSDS) or original product container. Do not use detergents or cleaning agents that are not approved by Pacific Helmets. Please contact us if in doubt.
- Never use solvents, chlorine bleach, or cleaning agents that contain chlorine bleach. These substances rapidly break down some helmet materials.
- Do not machine wash or dry whole helmets.
- Do not wash helmets alongside personal items.
- Do not dry clean your helmet.

### **COMFORT PADDING**

- Separate comfort padding.
- Wash and dry at temperatures below 40°C.
- Wear protective gloves and eye/face splash protection when cleaning soiled items.
- Do not wash comfort padding alongside personal items.
- Do not dry clean your comfort padding.

## **ROUTINE CLEANING**

Clean your protective helmet after each use or whenever your helmet has become soiled. You may clean your helmet with or without the comfort padding attached, however it is advisable to remove it and hand wash your neoprene comfort padding separately as you would delicate clothing.

Use the following procedures for routine cleaning by hand in a utility sink:

1. Choose a utility sink, tub, or bucket that is specifically used for cleaning protective gear; do not use a kitchen sink or other sink that is employed for personal products.
2. Brush off any loose debris.
3. Fill the utility sink with warm water no hotter than 40°C.
4. Use a mild detergent in an amount according to the detergent supplier's instructions.
5. Scrub the helmet exterior gently using a soft-bristle brush.
6. Wash comfort padding gently, squeeze out the dirty water, and allow to soak longer if required.
7. Use only a soft cloth or sponge to clean the eye protector and face shield surfaces (where applicable).
8. Drain the sink and thoroughly rinse the helmet and comfort padding. Conduct a second rinse if necessary.
9. Dry the helmet and comfort padding by air drying it in a well ventilated area, but not in direct sunlight. Do not force-dry in a domestic dryer, with a hair dryer, or by placing it over a heating duct or radiator. Forced drying may cause damage to some components in the helmet.
10. Only when all components are dry, reinstall the comfort padding according to instructions in previous section of this guide.

11. Rinse the utility sink, following routine cleaning procedure.
12. Inspect the components. If necessary, rewash them or replace with new ones.

## **DECONTAMINATION**

Proper decontamination of your helmet will depend on the type and extent of contamination. If your helmet has become contaminated with blood or body fluids, immediately isolate the helmet and inform your supervisor, department, or organization. Before reuse of your helmet, it must be subjected to specialised cleaning procedures that have been proven to remove contaminated fluids.

If your helmet has become contaminated with chemicals or other hazardous substances, immediately isolate your helmet and remove it from service, taking care not to cross-contaminate other clothing items. Immediately inform your supervisor, department, or organization. Do not wear a helmet that was contaminated until verified that it is free from contamination.

## **REPAIR, REPLACE, AND OBSOLESCENCE INSTRUCTIONS**

Note: Minor scratches or cracks in the paint surface will not affect the performance of the protective helmet.

Repair if:

- The shell is permanently stained by carbon or chemical
- The painted surface is slightly scratched
- There are foreign substances adhered to the shell surfaces

In these cases the shell can be restored to use by cut and polish to remove the stains, scratches and surface damage.

Destroy the shell and replace if:

- The shell shows signs of major laminate failure/breakage. This will either take the form of deep indentations from impacts or major crushing. It can also be seen as a "whitening" of laminate in the impact area when the inside of the shell is inspected.

- The brim area has severe crack lines or flexes abnormally.
- There is visual sign of acid or chemical residue which may have damaged the shell paint or substrate.
- The shell shows signs of distortion to its shape. This can be seen as “sagging” or “drooping” when it is compared to a new helmet. This type of damage is most unlikely in the Pacific Helmet shell, as the shell does not melt, even in extreme temperature.

If you have any doubts about your helmet and its condition, bring this matter to the attention of your supervisor, department or organization immediately. Helmets that are no longer deemed serviceable for reasons of damage, contamination, or other unsafe condition must be disposed of in a fashion whereby the helmet cannot be reused. One example is drilling holes in the shell, removing the chinstrap and headband, and/or damaging the tabs for attaching the headband.

For general disposal of helmets, use landfills, incineration and/or other facilities that are in accordance with your municipal guidelines/regulations.

Contaminated helmets must be disposed of by your department or organization in accordance with federal, state, or local regulations.

# 05. WARRANTY

The warranty time limits mentioned herein do not imply any form of helmet life expectancy. These time frames simply place reasonable limits on the discovery of faulty materials and workmanship and allow for these to be dealt with.

The products and the relevant sub-components are supplied with varying warranties (depending on the model) from 1-6 years.

COMPONENT	WARRANTY TIME-FRAME
<b>Shell:</b>	up to 6-year warranty
<b>Face shield/eye protector (where applicable):</b>	up to 2-year warranty
<b>Internal plastic components and comfort padding:</b>	up to 1-year warranty

## PLEASE NOTE:

- Damage caused to the helmet and/or components in the course of normal use is not covered by the warranty.
- Many rescue operations including training can result in damage to this helmet, which is not covered by the warranty.
- Damage resulting from careless use (e.g. dropping of helmet) and/or using helmet for anything other than its intended purpose (head protection) is not covered by the warranty.
- Follow instructions in this User Information Guide regarding regular checks on this helmet and when making repair/replace decisions.
- Components are available as spare parts.

# 06. TECHNICAL INFORMATION

## CERTIFICATION AND DISTRIBUTORS INFORMATION

This helmet is certified to the following standards:

- EN 1385:2012  
*Helmets for canoeing and whitewater sports*
- EN443:2008  
*Selective clauses of structural firefighting helmet*

Depending on the standard, the helmet might have different features or ancillary material specifically needed to comply with the respective standard requirements. It is paramount that you specify the standard you want your helmet certified to when putting in a purchase order.

### CERTIFICATION

Certification for our helmets is completed by the following certification body.

BSI Group (NB number 0086)  
Kitemart Court, Davy Ave,  
Knowlhill, Milton Keynes,  
MK5 8PP  
UNITED KINGDOM

### AUTHORIZED DISTRIBUTORS

Please visit our website [www.pacifichelmets.com](http://www.pacifichelmets.com) for up to date details.





















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**This user information guide is to be removed from the helmet only by the end user. Please read carefully all instructions and warnings before use. Failure to follow these instructions could result in death or serious injury.**