

GECKO

HEAD GEAR



EST. 93



ABOUT US

We are a family run company who pride ourselves in offering a unique and personalised service. Our PAS 028 helmets were the first in the world to be certified by BSI. We don't believe in 'all risk' helmets because all risk helmets are not optimised for their intended environment – Gecko helmets are designed from the water up. Every aspect of the manufacturing process is handled in England, in our Bude based production facility. Gecko helmets are hand-made to order giving our customers flexible configuration and design options as well as unmatched manufacturing quality.

We are the first company in the world who specialise in marine safety helmets so our expertise in this area is unrivalled. For 30 years we have been innovating new ideas and designs to better suit the various marine environments. Bettering our designs with every release.

1993

1993
Jeff Sacree founded Gecko Head Gear

1994
The Gecko surf lid is released to market

1995
The RNLI commission Gecko to design an open face helmet for users of fast watercraft

1998
MK5 is released as first production version of the Marine Safety Helmet

1999
Gecko partner with BSI, the RNLI and MOD to create a marine helmet safety standard

2000
PAS 028 marine safety standard is created by BSI with input from Gecko, RNLI and MOD

2002
A revised model of the open face is released to the market (MK9)

2004
The cut away helmet is released to market (MK9)

2006
A revised model of the open face is released to the market (MK10)

2007
Gecko design and patent the inflatable helmet liner

2008
The Gecko full face is released to market

2009
Gecko launch their waterproof communication headsets

2011
A revised model of the open face helmet is released to the market (MK11)

2014
A revised model of the cut away helmet is released to the market (MK10)

2019
The Gecko one is being designed (MK12)

2023
Gecko One modular helmet is released to market

2023



our
HELMET RANGE

Gecko Head Gear helmets were the worlds first marine safety helmets and first to be certified to marine safety helmet standard **PAS 028.**

Today ours are the only marine safety helmets on the market purposely built for marine use.



the

OPEN FACE



The **Open Face** is our most popular helmet model, as used by the RNLI, Royal Air Force, Police and MOD this helmet has been designed to provide maximum head protection in an incredibly lightweight helmet that can be comfortably worn all day. Available in three sizes (small, medium and large) and weighing just 670 grams. Customisable with a range of livery and accessory options.

DESIGN

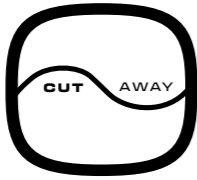
- ABS shell with grooved design to provide excellent strength-to-weight ratio.
- Anti-soak materials reduce added water weight.
- Impact-mitigating head piece
- Patented inflatable liner to create custom fit for each user.
- Patented liner provides warmth and buoyancy.
- High cut neck line to comfortably work with life jacket
- Ear inserts to stop water entry, can be replaced with accessory grips.
- Comfort pad and comfort tube on strap, easily replaced with spares.
- Visor's available for increased protection of eyes and face.

SPECIFICATION

- Size:
 - Small - 52cm - 55cm
 - Medium - 56cm - 63cm
 - Large - 62cm - 65cm
- Weight: 670grms
- Marine Safety Helmet PAS028:2002
- Mountaineering Helmet Standard EN 12492



the
**CUT
AWAY**



The **Cut Away** is a variation of our popular Open Face helmet, the shape of the Cut Away has been modified to allow for ear defenders to be mounted to, or worn underneath the helmet. The cut away is most popular with maritime pilots or those in high noise environments. Compatible with many Gecko accessories, even our headset which can be fitted with a seacom headband.

DESIGN

- Fibreglass, Carbon composite shell with grooved design to provide excellent strength-to-weight ratio.
- Anti-soak materials reduce added water weight.
- Impact-mitigating head piece
- Patented inflatable liner to create custom fit for each user.
- Patented liner provides warmth and buoyancy.
- High cut neck line to be comfortably work with life jacket
- Comfort pad and comfort tube on strap, easily replaced with spares.
- Visor's available for increased protection of eyes and face.
- Ear Defenders available to be mounted or used as a head/neckband.
- Accessories can be mounted using grip pad which attaches to shell.
- Anti-rotation strap configuration.

SPECIFICATION

- Size: 57cm - 62cm
- Weight: 620 grams
- Marine Safety Helmet PAS028:2002
- Ear Defence EN352-3 with ear defenders



the

FULL FACE



The Full Face much like the open face helmet but with additional protection for the chin. The Gecko full face helmet is often chosen by those who operate in super fast watercraft and jet skis, or those who face high speed face first impacts. The full face is compatible with a range of Gecko accessories and customisation options.

DESIGN

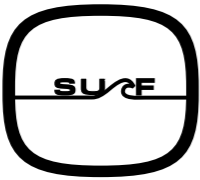
- Aramid, Fibreglass, Carbon composite shell with grooved design to provide excellent strength-to-weight ratio.
- Anti-soak materials reduce added water weight.
- Impact-mitigating head piece
- Patented inflatable liner to create custom fit for each user.
- Patented liner provides warmth and buoyancy.
- High cut neck line to comfortably work with life jacket
- Full protection around chin and face.
- Ear inserts to stop water entry, can be replaced with accessory grips.
- Comfort pad and comfort tube on strap, easily replaced with spares.
- Visor's available for increased protection of eyes and face.

SPECIFICATION

- Size: 57cm - 62cm
- Weight: 700grms
- Marine Safety Helmet PAS028:2002



the
SURF



The surf and watersports helmet was originally designed by Jeff Sacree' for himself, so he would have something warm to wear on his head in the surf and something to protect his head from rocks hiding below the surface. The surf was the first helmet to be designed by Gecko. This stylish lightweight helmet is an essential piece of kit for surfers, body boarders, windsurfers, kitesurfers, wakeboarders and kayakers alike.

DESIGN

- Fibreglass shell designed with grooved shell for great strength to weight ratio.
- Anti-soak materials reduces added water weight.
- Patented inflatable liner to create custom fit for each user.
- Holed ear inserts to improve hearing in the surf
- Ear aperture placed slightly above ear to avoid 'surfers ear' but as not to distort sounds.
- Comfort pad and comfort tube on strap, easily replaced with spares.
- Neoprene front increases comfort and is streamline shape
- Ear inserts can be replaced with accessory grips for torches/ go pros.

SPECIFICATION

- Small 51cm - 55cm
- Large 55cm -59cm
- Weight: 500grms



the
**MARINE
BALLISTIC**



The MBH (Marine Ballistic Helmet) was specifically designed with the needs of the personnel all across the world for protection in marine environments while under threat of gunfire. The design has been evolved from the worlds leading marine safety helmet The Gecko Open Face offering the inflatable liner to give you a 100% custom fit. Teaming up with NP Aerospace we have designed an internal ballistic protection to stop high velocity 9mm rounds and only weighing in a 650 grams. To deal with the impacts we have designed alongside Skydex an impact mitigation layer inside to act as an impact layer for safety standards and deformation protection.

DESIGN
Armour Rating: NIJ IIIA 0101.04
Performance Specification;
9mm FMJ 124 gr 425m/s
9mm BFD >25.4mm at 380m/s
.44mag 240gr SJHP 425m/s
17gr FSP V50 at 670m/s
16gr Sphere V50 at 670m/s

SPECIFICATION
Size: 56cm - 63cm
Weight: 1400grams
Marine Safety Helmet PAS028:2002
Mountaineering Helmet:EN:12495:2012





ONE

the NEW

GECKO ONE

30 Years of marine helmet design has gone into producing the G1 to make it the standout against the ordinary.

The G1 design has come from the demand for a modular helmet to adapt to different environments/conditions/requirements and preferences while maintaining its core principle, to protect.



ONE

OVERVIEW

The Cut Away is the core of the G1 and is where all variants are based upon. The half cut design offers uncompromised situational awareness while offering full marine impact protection. The unique benefit of the Cut Away is the availability to add ear defenders. Which can be Passive or Active noise cancelling with or without integrated communications. Our Sea-Com can also be worn without ear defenders to accommodate our waterproof communication headsets.

The Open Face is the most common variant worn by military, coastguards and fisheries. It offers great all round protection from the elements while allowing attachments for long clear visors. To reduce the risk of bucketing the visors are designed to snap off in the event of high pressure forced upon the helmet. The sides offer two mounting points for communications and grip inserts. It also allows the fitting of the open face liner for an encompassing fit.

The Full face offers the most coverage and favoured by military and Security forces and PWC users. The large vents on the front drive air in and down to move hot air away from the visor to reduce the fogging. The visors are easy removed or changed if required. The inflatable liner also seals around the head to stop water rushing up and into the helmet and causing strain into the neck. The Full face gives that extra protection while offering the benefits of the open face mounting points and open face liner.



FEATURES

- Inflatable liner pressurised by a thumb press intergrated into the strap assembly
- Slotted vent inserts for partial ventilation
- Sealed vent inserts for maximum heat retention
- Open vent for maximum ventilation
- Ear aperature can be used for communications with an external ptt
- Half cut design to allow fittment of ear defenders
- Full face visor easily removed or changed
- Visor attatchment for various visor options
- Side aperature for mounting accessories
- Strap assembly designed to fit around ear defenders and stop helmet rotation



CUT AWAY

CUT AWAY (WITH VISOR)

OPEN FACE

OPEN FACE (WITH VISOR)

FULL FACE

GECKO ONE

ACCESSORIES ATTACHMENTS

VISOR

A long clear visor can be applied to the all configurations. The visor can not be applied alongside the helmet rail.

EAR DEFENDERS

Ear defenders can be fitted using a headband, neckband, rail, or mounted to the side.

HELMET RAIL

A helmet rail allows lights, cameras, ear defenders and other accessories to be applied to the helmet.

NVG MOUNT

An NVG mount is used to hold night vision goggles and other compatible accessories in place.

GRIP PAD

Using a 3M adhesive the grip pad can be applied to the surface of the helmet. The grip can be used to hold flashlights and spherical cameras.

GOGGLE ATTACHMENT

The goggle attachment straps allows goggles to be held securely at the back of the helmet.

GRIP INSERT

The grip insert can be inserted in to the ear aperture of the ballistic. The grip can be used to hold flashlights and spherical cameras.

PICATINNY RAIL INSERT

The picatinny rail insert can hold flashlights, cameras and other equipment.

GECKO HEADSET

The PTT Gecko headset slots in to the insert aperture.



design

FEATURES...

Marine grade
316 stainless
steel studs for
rust resistance
in a saltwater
environment

All over head
protection
including crown,
forehead and sides

Grooved liner to
allow space for
ventilation, water
displacement
and the arms of
glasses

UV resistant ABS
plastic shell for
longevity

Specifically
designed to be
compatible with
headsets for
clear VHF radio
communications

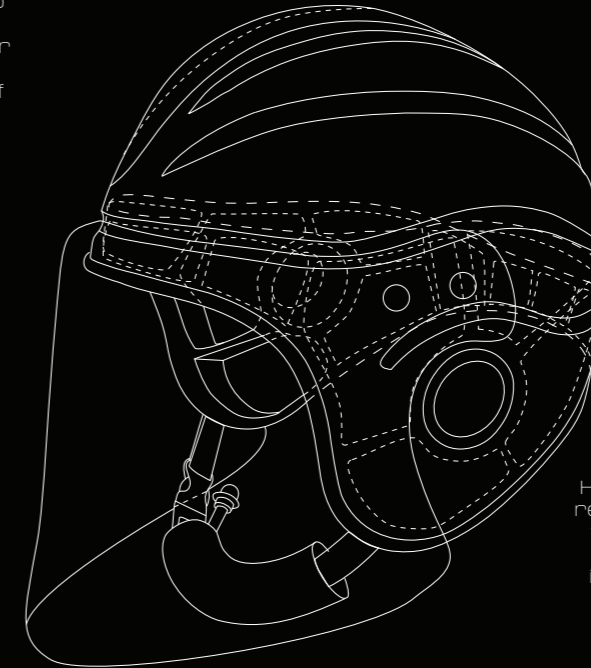
Gecko patented
inflatable liner to
create a 100%
custom fit without
pressure points
making Gecko
helmets the
warmest and most
comfortable on the
market

Liner creates a
seal to prevent
water entering the
helmet during a
feet first fall

High out line at the
rear to allow space
for the helmet to
be worn with an
inflated life jacket
and spray hood

Removeable
ear inserts for
flexible acoustic
configurations
and for mounting
accessories

Liner can be
adjusted while the
helmet is being
worn



...of our most popular
OPEN FACE

helmet TESTS

1. Shock Absorption

The shock absorption test is designed to mimic a person falling from height by way of a controlled fall of a helmet and headform onto a metal anvil. To pass this test, the helmet must prevent more than 10,000 Newtons of force from reaching the headform when the impact energy below (in Joules) is applied.

2. Standard Specifics

Showing the full range of testing scenarios that helmets certified by each BSI standard are subjected to. Comparing Marine safety helmets to canoeing and watersport helmets as well Mountaineering equipment helmets and many other helmet safety standards.

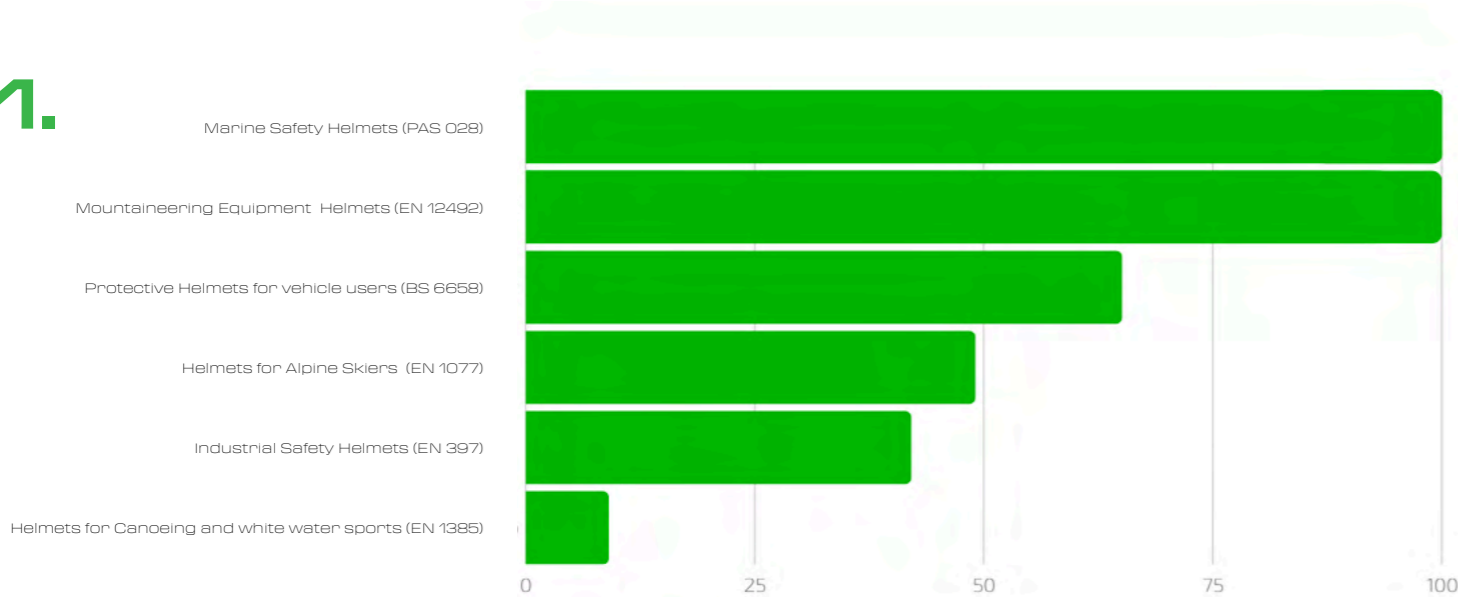
3. Penetration Test

The penetration test is designed to mimic a sharp object falling from height onto the helmet by way of a guided falling pointed hammer onto the helmet. To pass this test, the helmet must not allow the hammer to penetrate to the headform when the impact energy below (Joules) is applied.

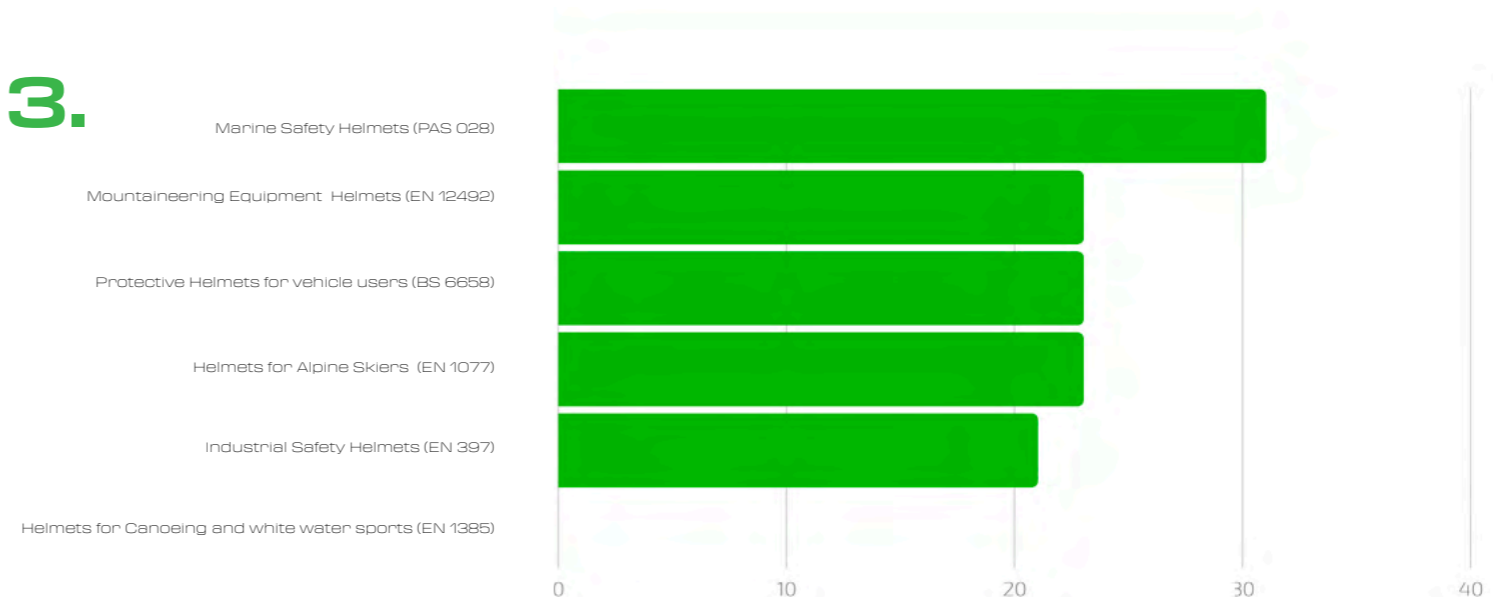
2.

	MARKING REQUIREMENTS	COVERAGE	SHOCK ABSORPTION	RETENTION SYSTEM EFFECTIVENESS	RESISTANCE TO PENETRATION	BUOYANCY	VENTILATION	MASS	ELECTRICAL INSULATION	FLAME RESISTANT
MARINE SAFETY HELMETS (PAS 028)	✓	✓	✓	✓	✓	✓		✓		
MOUNTAINEERING EQUIPMENT HELMETS (EN 12492)	✓	✓	✓	✓	✓		✓		✓	✓
PROTECTIVE HELMETS FOR VEHICLE USERS (BS 6658)	✓	✓	✓	✓	✓					
HELMETS FOR ALPINE SKIERS (EN 1077)	✓	✓	✓	✓	✓					
INDUSTRIAL SAFETY HELMETS (EN 397)	✓	✓	✓	✓	✓					
HELMETS FOR CANOEING AND WHITE WATER SPORTS (EN 1385)	✓	✓	✓	✓		✓				

1.



3.



customisation &

ACCESSORIES

VISORS

Visors can be attached to any Gecko marine safety helmet and they provide additional protection plus shield you from the elements and spray. Gecko visors are manufactured from Lexan polycarbonate which meets the highest impact requirement of BS4110 eye protectors for vehicle users. Available in a range of tints including clear, smoke, dark, gradient and yellow, visors provide UV protection ranging between 97% and 100%. Fitted using 'quick release' studs allows the visor to snap off if the wearer is thrown overboard; a safety precaution to reduce the risk of a strain injury to the neck

EAR DEFENDERS

Ear defenders can be mounted onto your cut away helmet. Alternatively, they can be worn underneath your cut away helmet using a headband. We believe that the best marine standard ear defenders are manufactured by 3M™ Peltor™. We offer Peltor ear defenders as separates or mounted on the cut away helmet as a customisation option. Peltor provide ear defenders to suit a variety of noise blocking requirements; they also offer variations with built-in radio communication headsets that work on DECT, Bluetooth and Wifi.

GRIPS

Gecko equipment grips can be used to attach marine lights and cameras to your helmet. There are four types of equipment grip; the grip pad, the grip insert, the go-pro grip and the grip rail. The grip on both of these varieties is designed to hold cylindrically shaped accessories with a 10-30mm diameter. They are designed to break free if caught on a wire or taught rope to prevent damage to the wearer's neck so we recommend using a lanyard to secure any equipment to prevent losing it in the event of an entanglement.

BAGS

Gecko helmet and accessory storage bags, made with the dimensions of your kit in mind, offer protection and easy transportation for your favourite head gear. Choose from a padded storage bag to protect your helmet and visor when not in use, or a dry storage bag for keeping your marine apparel dry alongside your Gecko. Alternatively, our new dry rucksack offers both water resistance and padded protection for your Gecko helmet and its accessories. We also stock a separate accessories bag, for your visors and comms.

FIND OUT MORE AT - <https://www.geckoheadgear.com>



communication **HEADSETS**

With a push fix attachment to the Gecko marine safety helmet, the lightweight Gecko push to talk (PTT) marine communications system provides head protection combined with the ability to communicate clearly with colleagues on land, sea or air, at the push of a button, while using handheld VHF or UHF radio. The lightweight device does not impede or alter the design safety features of the helmet.

Test Standard:
BS EN 60529:1992

FIND OUT ALL AVAILABLE OPTIONS AT - <https://www.geckoheadgear.com>



compatible with over 20 radio makes



comfortable for long periods of wear



High quality speaker tailored to speech bandwidth for clear transmissions



25dB noise cancelling robust microphone to allow clear communication in high noise environments



Easily fits in to our open and full face helmets



Waterproof to IPX - 7 (1M for 30 minutes)



Push to talk (PTT) located on earpiece



can connect to full-duplex or wired VHF radio system



THE SEA COMM

The Gecko Headset can be used even when a helmet is not required. By mounting the headset into a sea comm headband that can be worn on its own or under a cut away helmet. The headset fits into a casing that is mounted on a one-size-fits-all elastic sea comm headband. This product is only compatible with single speaker Gecko headsets as it only has headset casing on one side over the right ear.



COLOURS & LIVERY

Gecko helmets can be manufactured in any colour on request, or from our range of stock colours that includes black, matte black, navy blue, red, orange, yellow, white, fluorescent orange and fluorescent yellow.

You can add text or a logo to your Gecko helmet using plain vinyl or retroreflective lettering, both available in a choice of colours. For increased night time visibility you can also add retroreflective strips to the crown and sides of your helmet. More complex multi-coloured logos can also be applied to the sides by way of a custom-made sticker.





our
CUSTOMERS

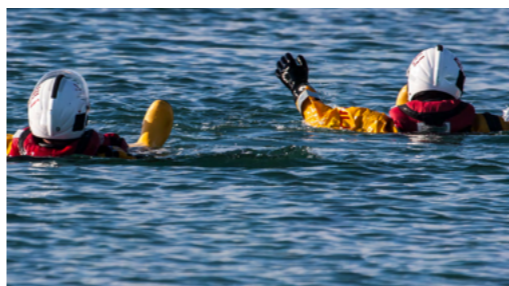
Gecko's marine safety helmets have a wide range of applications

As a result, our helmets are used in numerous marine sectors



SEARCH & **RESCUE**

Gecko Head Gear has been Manufacturing Lifeboat Helmets for Lifeboat Crews Worldwide for Over Twenty Five Years This includes the RNLI, who was instrumental in the development of the original Gecko open face helmet; a purpose designed lifeboat helmet providing a motorcycle helmet level of protection in a lightweight and buoyant design The Royal National Lifeboat Institution worked alongside Gecko to develop the first-ever open face marine safety helmet and they assisted in the development of safety standard PAS 028.







MOD
ROYAL NAVY

Helmets for armed forces who operate in a marine environment is a niche sector, but one in which Gecko Head Gear specialise. The head protection requirements of armed forces vary considerably from one organisation to another and Gecko understands how to adapt products to meet specific client needs, from variations in impact protection to accessory brackets to colours and livery. As our helmets for armed forces have derived from our traditional marine safety helmet range they can be used alongside all your usual Gecko accessories such as comms, visors and marine lights. The Royal Navy is the United Kingdom's naval warfare force and they have been using the Gecko open face helmet in a plain matt black design for over ten years.





MOD **POLICE**

Helmets for emergency services who operate in a marine environment is an extremely niche market and there is only one company in the world to specialise in it, that is Gecko Head Gear. The original Gecko open face marine safety helmet was originally designed for the RNLI since they required a motorised vehicle level of protection in a helmet that is appropriate to use around water. The inflatable liner that all Gecko helmets come fitted with as standard, provides positive buoyancy so a rescuer or casualty can be assured that their head will float. Additionally, as helmets for emergency services may be required to fit a number of different personal the inflatable liner can be adjusted to fit almost any head size. PAS 028 certified helmets like the Gecko marine safety helmet range meet the strictest performance requirements of any BSI helmet standard, so that our emergency services can have peace of mind that they are safe while they are helping others.



SEA **SHEPHERD**

Sea Shepherd Conservation Society (SSCS) is an international non-profit, marine wildlife conservation organization that aims to end the destruction of habitat and slaughter of wildlife in the world's oceans in order to conserve and protect ecosystems and species



MARITIME **PILOTS**

The most popular helmet choice for maritime pilots is the open face helmet, which has been extensively tested for helicopter rescues where the rescuer jumps into water from a height of ten or more meters; the chamfered helmet edge and inflatable liner work together to prevent much water from entering the helmet and the grooves in the liner allow displacement of any water that does. The retention system has enough elasticity in it to allow for some movement of the helmet as it hits the water without allowing the helmet to come off the head or injure the chin. Gecko marine safety helmets provide the maximum impact protection of any BSI helmet safety standard with 100 Joules of on crown impact energy absorption.



PRO ATHLETES

Gecko Sponsor Several Professional Athletes Providing Protective Head Gear for Extreme Situations
Gecko's sponsors choose to work with us because they love our products and rely on effective head protection in their sport

Our sponsored professional athletes include big wave surfer Northern Irish surfer Al Mennie and Fuerteventura based wave windsurfer Corky Kirkham. We also endeavour to support fund raising and record breaking attempts where appropriate.

