

Sea Survival

by Hansen Protection



**The most
«intelligent»
suit - ever!**

SeaAir is the first combined helicopter and offshore suit to cool in the heat and warm in the cold.

Smart textiles with integrated functions provide optimal comfort in all situations.



HANSEN
PROTECTION

..might be the difference between life and death



A FIRST CLASS SURVIVAL SUIT CAN MEAN THE DIFFERENCE BETWEEN LIFE AND DEATH.

AS ONE OF THE WORLDS FOREMOST DEVELOPERS AND MANUFACTURERS OF SURVIVAL EQUIPMENT HANSEN PROTECTION CAN OFFER A WIDE COLLECTION OF SURVIVAL SUITS. WE CAN NEVER GUARANTEE THAT ONE WILL SURVIVE, BUT WE CAN GUARANTEE THAT OUR SURVIVAL SUITS SATISFY THE HIGHEST DEMANDS FOR SAFETY

EN GOD REDNINGSDRAKT KAN BETY FORSKJELLEN MELLOM LIV OG DØD.

SOM EN AV VERDENS FREMSTE UTVIKLERE OG PRODUSENTER AV REDNINGSUTSTYR KAN HANSEN PROTECTION TILBY ET BREDT SORTIMENT AV REDNINGSDRAKTER. VI KAN ALDRI GARANTERE AT MAN VIL OVERLEVE, MEN VI KAN GARANTERE AT VÅRE REDNINGSDRAKTER TILFREDSSTILLER DE HØYESTE KRAV TIL SIKKERHET.



Is it possible to survive more than one hour in a sea temperature of 5 degrees?

With normal clothing this would not normally be possible! With a survival suit it is possible to survive more than 6 hours at one degree.



Er det mulig å overleve mer enn 1 time i 5 grader kaldt vann?

Med vanlige klær vil det vanligvis ikke være mulig! Med en redningsdrakt er det mulig å overleve lenger enn 6 timer ved 1°C.

SURVIVAL SUITS

Survival suits are obligatory for personell on oil rigs, passenger ferries, merchant and fishing fleets plus in offshore helicopter transport. Dry suits provide sufficient buoyancy and protect against heat loss, and thus increase the survival time in cold water. All suits are tested and approved according to the strictest national and international standards

Redningsdrakter

Redningsdrakter er påbudt for personell på oljerigger, passasjerfartøy, handels- og fiskeflåten samt helikoptertransport. Tørrdrakter gir tilstrekkelig oppdrift og beskytter mot varmetap, og forlenger på den måten tiden for overlevelse i kaldt vann. Alle drakter er testet og godkjent ihht de strengeste nasjonale og internasjonale standarder.

Transport Suits

Sea Air

Immersion Suits

E-307
Sea Eco
Sea Nordic
Sea Arctic

Work/MOB Suits


Sea Wind
E300-2
Sea Work
Sea Mob
Sea Rescue

Life jackets

Sea Lion
Sea Life
Sea Pass

Others

Navy Quick donning
Sea Fish
Chem suit
TPA equipment
Service



Sea Arctic turns you automatic around
inn the water when you are unconscious

Sea Air



OFFSHORE/TRANSPORT SUIT/IMMERSION SUIT

COLOURS: 290 Orange

SIZES: XS-4XL

- For offshore, helicopter transport and as a personal abandonment suit on the installation.
- Outer layer in 100% waterproof, flame retardant fabric
- Inner lining that provides insulation and buoyancy. An Intelligent fabric stabilise the inside temperature of the suit and reduces body sweat significantly
- Double-welded seams and approved reflective tape
- Approved emergency light, buddy line, integrated lifting strap and open collar for rescue
- Insulated three finger gloves with waterproof zipper and inside cuffs with pulse warmer
- Lightweight and soft fixed boots with extra insulation
- Integrated manually inflatable buoyancy lung and emergency re-breathing system (ERBS)
- Prepared for approved automatic self-righting system
- Designed for improved sitting comfort
- Prepared for integrated HPL-1 Emergency locator beacon
- Hood in super elastic neoprene laminate
- Sprayhood
- Certified for aviation application according to ETSO 2C502 as integrated helicopter crew and passenger immersion suit, SOLAS approved as LSA-code section 2.3 Insulated Immersion Suit and certified to NMD requirements for Offshore Immersion Suits

SOLAS

ETSO

OFFSHORE/TRANSPORTDRAKT/REDNINGSDRAKT

FARGER: 290 Orange

STR: XS-4XL

- For offshorebruk, helikoptertransport og som en personlig redningsdrakt på offshoreinstallasjoner.
- Yttermateriale er 100% vannett, flammehemmende materiale.
- Innvendig fôr som isolerer og skaper oppdrift. Et intelligent materiale stabiliserer temperaturen inne i drakten og reduserer svetting betydelig.
- Dobbelsveisede sømmer og godkjent refleks
- Godkjent nødlys, kameratline, integrert løftestropp og løftekrage for redning.
- Isolert hanske, med vannett glidelås og innvendige mansjett med pulsvarmer
- Lette og myke støvler, med ekstra isolering
- Integrert manuelt oppblåsbar lunge og nødpustesystem (ERBS)
- Forberedt for godkjent automatisk selvrettingssystem
- Designet for forbedret sittekomfort
- Forberedt for integrert HPL-1 personlig nødpeilesender
- Hette i superelastisk neoprene laminat
- Integrert sprutbeskyttelse
- Sertifisert for bruk i luftfartøy i samsvar med ETSO-2C502
- Integrert helikoptermannskap - og passasjerredningsdrakt, SOLAS- godkjent i samsvar med LSA Koden del 2.3 Isolert redningsdrakt og sertifisert til Sjøfartsdirektoratets krav til offshore redningsdrakter uten redningsvest.

SOLAS

ETSO

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The most «intelligent» suit - ever!

SeaAir is the first combined helicopter and offshore suit to cool in the heat and warm in the cold. Smart textiles with integrated functions provide optimal comfort in all situations.

Den mest «intelligente» drakt - noensinne!

SeaAir er den første kombinerte helikopter- og offshoredrakt som kjøler i varmen og varmer i kulden. Smarte tekstiler med integrerte funksjoner gir optimal komfort i alle situasjoner.

Art.nr Art.no	Drakt str. Suit size	Personens høyde Person height	Støvelnr. Boot size	Vekt Weight
85336	XS	157 - 164	35-36 / 37-38	5,7
85336	S	163 - 170	39-40 / 41-42	6,1
85336	M	169 - 176	41-42 / 43-44	6,6
85336	L	175 - 182	43-44 / 45-46	7,0
85336	XL	181 - 188	43-44 / 45-46	7,1
85336	XXL	187 - 194	45-46	7,1
85336	XXXL	193 - 200	47-48 / 49-50	7,1
85336	XXXXL	199 - 206	47-48	7,1

E-307



E-307 - IMMERSION SUIT

COLOURS: 290 Orange

SIZES: STD. & XXL

- Immersion suit for fishing vessels, merchant shipping and on offshore installations
- PU coated flame retardant, waterproof Oxford Nylon
- Tyvek® body warmth reflecting inner layer
- 3 mm buoyancy foam with closed cells for insulation and buoyancy
- Sewn and welded seams
- Watertight zip
- Adjustable ankle straps
- Approved light, buddy line and lifting strap
- Attached three finger gloves
- Whistle
- Storage bag included
- SOLAS approved and in accordance with Marine Equipment Directive 96/98/EC as an insulated immersion suit designed to be worn without a lifejacket.

SOLAS

E-307 - REDNINGSDRAKT

FARGER: 290 Orange

STR.: STD. & XXL

- Redningsdrakt for bruk på fiskefartøy, i handelsflåten og på offshoreinstallasjoner.
- Yttermateriale er 100% vanntett og flammehemmende
- Tyvek® innvendig materiale som reflekterer kroppsvarme
- 3 mm flyteskum med lukkede celler som både isolerer og gir oppdrift
- Sydde og sveisede sømmer
- Vanntett glidelås
- Regulerbare ankelstropper
- Godkjent nødlis, kameratline og løftestropp
- Påsveiset trefingerhansker
- Fløyte
- Leveres med bag
- SOLAS- godkjent i samsvar med LSA Koden del 2.3 Isolert redningsdrakt uten redningsvest (MED-B)

SOLAS

Art.nr Art.no	Drakt str. Suit size	Vekt Weight
85201	Standard	4,5
85201	XXL	5,0

Sea Eco



Sea Eco - IMMERSION SUIT
 COLOURS: 290 Signal orange
 SIZES: STD - XL

- Immersion suit for merchant fleet
- Flame retardant 5mm neoprene
- Approved reflector tape
- Attached hood
- Watertight cuffs
- Gloves attached by elastic band
- Velcro fastener on leg
- Standard model is approved as SOLAS insulated immersion suit when used with a lifejacket

SOLAS

Sea Eco - REDNINGSDRAKT
 FARGER: 290 Orange
 STR.: STD - XL

- Redningsdrakt til handelsfartøy
- Flammehemmende 5mm neoprene
- Godkjent reflekstape
- Fastsydd hette
- Vanntette mansjetter
- Hansker festet med elastiske bånd
- Borrelåsfeste i bena
- Standard drakt er godkjent som SOLAS isolerende redningsdrakt sammen med redningsvest

SOLAS

SUIT HAS TO BE USED WITH AN APPROVED LIFEJACKET.

DRAKTEN MÅ BENYTTES MED GODKJENT REDNINGSVEST



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Art.nr	Drakt str.	Vekt
Art.no	Suit size	Weight
82603	Standard	5,0
82603	XL	5,5

Sea Nordic



Sea Nordic IMMERSION SUIT

COLOURS: 290 Orange

SIZES: M - STD - XL

- Immersion suit on board fishing vessels, merchant ships and offshore installations
- Flame retardant 5mm neoprene
- Reinforced seams
- Approved reflector tape
- Attached hood with integrated inflatable cushion to improve water tightness and floating position
- Watertight cuffs
- Buddy line
- Lifting becket
- Approved emergency light
- Gloves attached by elastic band
- Velcro leg fasteners
- Sprayhood
- SOLAS approved and in accordance with Marine Equipment Directive 96/98/EC as an insulated immersion suit designed to be worn without a lifejacket.

SOLAS

Sea Nordic REDNINGSDRAKT

FARGER: 290 Orange

STR: M - STD - XL

- Redningsdrakt for bruk på fiskefartøy, i handelsflåten og på offshore installasjoner.
- UV reflekterende og flammehemmende 5 mm neoprene
- Alle sømmer er forsterket
- Godkjent refleks
- Oppblåsbar hette for å øke vanntetthet rundt ansiktet og forbedre flytestilling
- Vanntette mansjetter
- Hansker festet med strikk
- Kameratline og løftestropp
- Godkjent nødlys
- Velcro beinstrammer
- Integrrert sprutbeskytter
- SOLAS- godkjent i samsvar med LSA Koden del 2.3 Isolert redningsdrakt uten redningsvest (MED-B)

SOLAS

Art.nr Art.no	Drakt str. Suit size	Vekt Weight
82606	M	5,0
82606	Standard	5,5
82606	XL	6,0

Sea Arctic



Sea Arctic IMMERSION SUIT with self-righting unit

COLOURS: 290 Orange

SIZES: STD - XL

- Emergency suit on board fishing vessels, merchant ships and offshore installations
- Automatic self-righting unit
- Stable shape, UV reflective and flame retardant 5mm neoprene
- Reinforced seams
- Approved reflective tape
- Attached hood with integrated inflatable cushion to improve water tightness and floating position
- Watertight cuffs
- Gloves attached by elastic bands
- Buddy line
- Lifting becket
- Approved emergency light
- Velcro leg fasteners
- Sprayhood
- SOLAS approved and in accordance with Marine Equipment Directive 96/98/EC. Immersion suit satisfying Norwegian Maritime Directorate Regulation 04 July 2007 No. 853 concerning life-saving appliances and evacuation on mobile offshore units §9, replacing Regulation 11 April 2003 No. 492.

SOLAS

REDNINGSDRAKT Sea Arctic OFFSHORE med selvretter

FARGER: 290 Orange

STR.: STD - XL

- Redningsdrakt for bruk på fiskefartøy, i handelsflåten og på offshore installasjoner.
- Automatisk selvretterenhet
- UV reflekterende og flammehemmende 5 mm neoprene
- Alle sømmer er forsterket
- Godkjent refleks
- Oppblåsbar hette for å øke vanntetthet rundt ansiktet og forbedre flytestilling
- Vanntette mansjetter
- Hansker festet med strikk
- Kameratline og løftestropp
- Godkjent nødlys
- Velcro beinstrammer
- Integreert sprutbeskytter
- SOLAS- godkjent i samsvar med LSA Koden del 2.3 Isolert redningsdrakt, uten redningsvest. Sertifisert til Sjøfartsdirektoratets krav for redningsdrakter Offshore og til norske fiskefartøy, uten redningsvest.

SOLAS

Art.nr Art.no	Drakt str. Suit size	Vekt Weight
82607	Standard	6,3
82607	XL	7,0

Sea Wind



Hansen Protection is proud to present the first ever survival suit that is custom designed to cover the specific needs of personnel working within the offshore wind farm industry and personnel engaged in offshore rope access technique.

The Sea Wind suit is very light and constructed to offer maximum ergonomics and comfort for the wearer. It is approved to meet the IMO/SOLAS regulations for an 1 hour immersion/AES suit without internal buoyancy.

The IMO/SOLAS buoyancy requirement will be covered when the user puts on an IMO/SOLAS life jacket.

The Sea Wind suit is fitted with watertight pit-zips to help ventilation and regulate the wearers temperature. It will also be fitted with a number of pockets to store tools and communication equipment, gloves, hood, a whistle and a buddy line. The suit will be delivered with watertight socks so the wearer can choose footwear of own choice.

Sea Wind is made of high performance Gore-Tex fabrics with good waterproof breathable properties.

SOLAS

ISO 15027

- Drysuit w/feet and easy access
- Soft waterproof zip
- Pit-zips for enhanced ventilation
- Made in highly breathable GoreTex
- HiVis colour
- Reinforcement at exposed areas
- Mesh Pockets with room for hood, gloves and necessities (PLB, pens etc) + inner pocket
- Construction with special attention to freedom of movement
- Super Soft Neoprene closures in neck and wrists
- Also available with safety boots



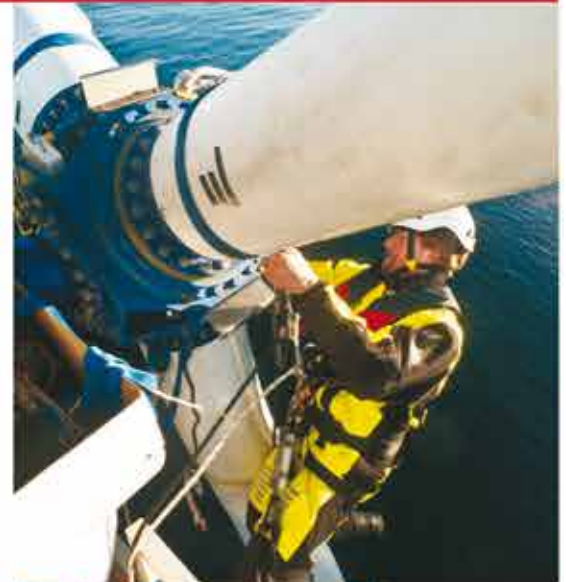
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For tough and risky environments

- Ergonomy – pre-shaped construction with 100% freedom of movement
- Breathability – durable fabrics with highly breathable properties from GoreTex
- Lightweight – made as a shell product to reduce weight
- Ventilation – pit-zips (underarm-zips) to enhance ventilation in controlled situations
- Waterproof zip in collar for easy donning
- Pockets – roomy pockets constructed with mesh to enhance the breathable properties of the fabric and placed where they are of no hindrance to normal movement
- Also available with safety boots
- Gloves and hood in neoprene, lifting becket and pen-pocket
- For easy integration with safety equipment as harnesses and SeaLion lifejackets, the suit is “clean” on both chest and back
- The suit fulfils the requirements of the IMO/Solas LSA code, as a 1 hour immersion/quick donning suit without internal buoyancy

MEASUREMENTS OF SUIT IN CM SIZE	XS	S	M	L	XL	XXL
A. Back length to waist	59	60,5	61,5	63	64	65
B. Waist	110	114	121	130	136	144
C. Sleeve length from neck to wrist	73	77	77	79	82	84
D. Inseam	73	76	79	82	85,5	88,5
E. Sock, toe to heel	26,7	28,7	30,7	32,7	32,7	32,7
Optional boot	39	41	43	46	46	46
Body height (body measurement)	157-164	163-170	169-176	175-182	181-188	187-194



E300-2

E-300-2 WORK/SURVIVAL SUIT

COLOURS: 290 Orange

SIZES: XS-XL

- For evacuation and rescue personnel on ships and for use in MOB operations
- PU coated flame retardant, waterproof Oxford nylon
- Tyvek® body warmth reflecting inner layer
- 3 mm buoyancy foam with closed cells for insulation and buoyancy
- Detachable inner lining
- Watertight zip and hood closure
- PU reinforcements on elbows, knees and seat
- Boots with steel toe cap
- Cuffs with adjustable straps
- Integral safety harness with stainless steel ring and carbine hook
- Zip and elastic panels on legs for tight fit
- Buddy line
- Whistle
- 2 side pockets
- 9 reflective tapes
- Neoprene gloves and emergency light
- SOLAS approved and in accordance with Marine Equipment Directive 96/98/EC (MED-B) AES (Anti Exposure Suit), designed to be worn without a lifejacket.

SOLAS

E-300-2 ARBEIDS-/REDNINGSDRAKT

FARGER: 290 Orange

STR: XS-XL

- For redningspersonell ved evakuering av skip og til bruk i MOB båter
- Yttermateriale er 100% vanntett og flammehemmende
- 3 mm flyteskum med lukkede celler som både isolerer og gir oppdrift
- Avtakbart før
- Vanntett glidelås
- PU forsterkning av albuer, knær og sete
- Støvler med stålforsterkning for tå
- Mansjetter med regulerbare stropper
- Integreert sikkerhetssele med rustfri stålring og karabinkrok
- Elastisk stoff med glidelås for individuell tilpasning av bena
- Kameratline
- Fløyte og godkjent nødlys
- 2 sidige lommer
- 9 stk reflekser
- Trefingerhansker i neopren
- SOLAS-godkjent i samsvar med LSA Koden del 2.3 Isolert redningsdrakt og del 2.4 Anti Exposure suit ,uten redningsvest (MED-B)

SOLAS

Art.nr	Drakt str.	Personens høyde	Støvelnr.	Vekt
Art.no	Suit size	Person height	Boot size	Weight
85134	XS	155 - 165	41	5,7
85134	S	165 - 175	43	6,1
85134	M	175 - 185	46	6,6
85134	L	185 - 195	46	7,0
85134	XL	195 - 205	46	7,1

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Sea Work



For heavy duty work on deck and for use in MOB operations Sea Work is a completely NEW work-suit /constant wear suit developed in close contact with demanding user-groups in the maritime environment. The suit is intended for use by maintenance workers in exposed areas. The suit is highly ergonomic in construction and offers the user several extra features compared to a conventional abandonment suit for emergency use only.

- PU coated flame retardant, waterproof Oxford nylon
- Tyvek® body warmth reflecting inner layer
- 3 mm buoyancy foam with closed cells for insulation and buoyancy
- Detachable inner lining
- Watertight zip
- Soft Neoprene hood, enables the use of hard hats for protection
- Reinforcements on elbows and knees
- Boots with steel toe cap
- Integral safety harness with stainless steel ring and carbine hook
- Buddy line
- Whistle
- 3 arm and 2 leg pockets
- Reflective tapes
- Neoprene five finger gloves and emergency light
- SOLAS approved and in accordance with Marine Equipment Directive 96/98/EC (MED-B) AES (Anti Exposure Suit)

Also available as a SOLAS1 hour immersion suit without inner lining. Lifejacket is then mandatory.

SOLAS



Size	XS	S	M	L	XL	XXL
A. Centre back length	95	100	103	108	111	116
B. Waist	110	114	121	130	136	144
C. Sleeve length from neck to wrist	73	77	77	79	82	84
D. Inseam	73	76	79	82	85,5	88,5
Body height (body measurement)	157-164	163-170	169-176	175-182	181-188	187-194
Boot size	39	41	43	46	46	46

Sea MOB



Sea MOB WORK-/SURVIVAL SUIT

COLOURS: 290 Orange

SIZES: XS-XXL

- For evacuation and rescue personnel on ships and for use in MOB operations
- 3mm flame retardant, waterproof neoprene providing insulation and buoyancy
- Waterproof zip
- Double-welded seams.
- Solas approved reflective tape
- Reinforcements on elbows, knees and seat
- Lifting strap with D-ring and carabine hook
- Extra manually inflatable buoyancy lung
- Sleeve pockets for gloves
- Boots may be used with flippers
- Buddy line, whistle and emergency light
- Neoprene gloves and double neoprene cuffs
- SOLAS approved and in accordance with Marine Equipment Directive 96/98/EC (MED-B) AES (Anti Exposure Suit), designed to be worn without a lifejacket.

SOLAS

Sea MOB ARBEIDS-/REDNINGSDRAKT

FARGER: 290 Orange

STR.: XS-XXL

- For redningspersonell ved evakuering av skip, og til bruk i MOB båter
- 3 mm flammehemmende, vanntett neopren som gir isolasjon og oppdrift
- Vanntette glidelåser
- Dobbel-sveisede sømmer
- Solas godkjente reflekser
- Forsterkninger på albuer, knær og sete
- Innvendig, manuelt oppblåsbar lunge
- Hanskelomme og radiolomme
- Støvler som kan brukes sammen med svømmeføtter
- Kameratline, fløyte og nøddlys
- Neoprenhansker og doble neoprenmansjetter
- SOLAS- godkjent i samsvar med LSA Koden del 2.3 Isolert redningsdrakt og del 2.4 Anti Exposure suit, uten redningsvest (MED-B)

SOLAS

Art.nr Art.no	Drakt str. Suit size	Personens høyde Person height	Støvelnr. Boot size	Vekt Weight
82650XS	XS	140 - 150	41	5,6
82650S	S	150 - 165	41	5,8
82650M	M	165 - 180	43	5,8
82650L	L	180 - 190	45	6,2
82650XL	XL	190 - 198	47	6,6
82650XXL	XXL	199 - 205	47	6,6

Sea Rescue



Sea Rescue - Rescue man suit

COLOURS: 300 Fluor Yellow

SIZES: XS-XXL

- Surface Operations Suit developed for rescue crews
- 5 mm flame retardant, waterproof neoprene providing insulation and buoyancy
- Warm reflecting Titan lining
- Doubled-welded seams and reflective tape
- Diagonal watertight zip
- Manual valve for regulating air in the suit
- Latex cuffs
- Detachable hood, gloves and bag
- Pocket for hood and gloves
- Radio pocket
- Lower leg reinforcement
- Boots for use with flippers

Sea Rescue - Redningsmanns drakt

FARGER: 300 Fluoriserende Gul

STR.: XS-XXL

- Overflatesvømmedrakt utviklet spesielt for redningsmannskap
- 5 mm flammehemmende vantett neoprene med varme-reflekterende Titan innerfor gir isolasjon og oppdrift
- Dobbelt-sveisede sømmer og reflekser
- Skråstilt, vantett glidelås
- Manuell ventil for regulering av luft i drakten
- Leveres med avtagbar hette og hansker
- Lomme for hette og hansker
- Radiolomme
- Pennelomme
- Forsterkninger fra kneet og ned
- Fastmonterte støvler som kan brukes sammen med svømmeføtter

Art.nr	Drakt str.	Personens høyde	Støvelnr.	Vekt
Art.no	Suit size	Person height	Boot size	Weight
84117XS	XS	140 - 150	41	4,4
84117S	S	150 - 165	41	4,6
84117M	M	165 - 180	43	4,8
84117L	L	180 - 190	45	5,0
84117XL	XL	190 - 198	47	5,2
84117XXL	XXL	199 - 205	47	5,4

Sea Lion Solas



The Sea Lion life jackets are designed for use as a combined working/abandonment lifejacket.

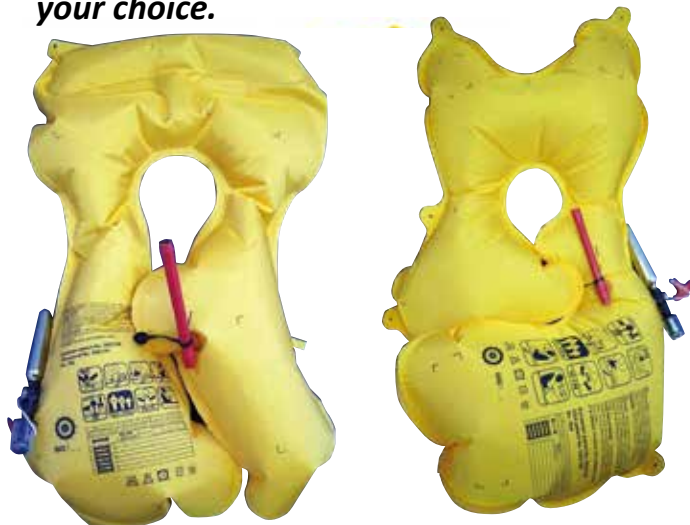
The Sea Lion life jacket range comes in a 150N, a 275N and a 275N Offshore model, all designed to meet your requirements.

SOLAS

Sea Lion serien av oppblåsbare redningsvester er utviklet som en kombinert arbeidsØ og redningsvest. Sea Lion serien kommer i følgende modeller: 150N, 275N eller som 275N Offshore, alle utviklet for å møte deres behov.

SOLAS

150N or 275N buoyancy at your choice.



Can be delivered with Spray hood and/or crotch strap and more...



Features

- Rough outer fabrics in black
- High visibility bladder
- Twin chamber security
- Contoured head and neck support
- Lightweight and comfortable to wear
- Automatic firing mechanisms
- RetroØreflective tape
- Whistle
- Grab loop
- Light
- Buddy line
- Can be worn together with Survival suits
- Fully approved iaw SOLAS Chapter III 2010

Egenskaper:

- Slitesterkt yttertøkk i sort
- High vis oppdriftslunge
- To kammer for ekstra sikkerhet
- God hode- og nakkestøtte
- Lett og komfortabel
- Automatisk oppblåsbar i kontakt med vann eller manuell aktivering
- Reflekterende merker
- Fløyte
- Løftestropp
- Lys
- Kameratline
- Kan brukes sammen med redningsdrakter
- Fullt godkjent ihht SOLAS kapittel III 2010

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Sea Lion Leisure



Sea Lion Leisure inflatable life jackets

We can offer Non-SOLAS approved lifejackets for use in markets like the leisure market or other markets that do not require the twin chamber SOLAS life jackets.

Our Sea Lion 150N-Auto type lifejacket is more like a conventional inflatable lifejacket with automatic, UML inflator. Our model is delivered standard with neoprene in the neck for softer feeling against the skin and crotch strap for extra safety.

- High quality lifejacket, made in EU
- Automatic UML Pro inflator
- Comfortable with neoprene neck
- Crotch strap for increased safety
- 150N asymmetrical bladder
- Black Cordura cover

Sea Lion RS



Sea Lion RS inflatable life jackets

The Sea Lion RS model is designed to meet the RS new lifejacket standard, where comfort for the wearer was a key feature. The life jacket is a single chamber 275N ISO approved lifejacket with a new asymmetrical bladder, a quick release buckle, two d-rings (front and back) for combination with optional safety line, mesh back for extra comfort and two crotch straps. The life jacket is probably one of the most comfortable jackets to wear over time.

- Very comfortable with neoprene neck
- Two crotch straps for increased safety
- Quick release buckle
- Two d-rings (front and back) for hooking on an optional safety line
- Automatic UML Pro inflator
- New asymmetrical 275N bladder
- Black Cordura cover with mesh back
- High quality lifejacket, made in EU

Navy Life



The Navy lifejacket is a one-size garment, based on solid buoyancy material and an automatic inflatable lung.

The lifejacket is put on as an ordinary coat. It's closed in the front by Velcro fasteners, and it is tightened around the chest and waist by two tightening bands with buckles.

The lifejacket has a neoprene hood, which is fixed to the back of the neck area, and is pulled over the head.

The buoyancy arrangement of this lifejacket consists of a solid and inflatable part.

The permanent buoyancy represents minimum 80 N and the automatic inflatable part minimum 195N, which gives a total of 275N buoyancy.

The lifejacket is approved according to ISO EN 12402 (EN 399) standard

In Use with the Royal Norwegian Navy

Sea Life

Hansen Protection has now launched a new range of lifejackets that are designed to fulfill the new SOLAS requirements.

Hansen Protection har nå lansert en ny serie redningsvester som er designet for å oppfylle de nyeste SOLAS-kravene.



Life Jacket
COLOUR: 290 ORANGE
SIZES.: INFANT-CHILD-ADULT

- Retro reflective tape (8 pieces)
- Light Pocket
- Integrated lifting loop in reinforced neck block
- Adjustable chin strap to help correct head angle
- Securely fastened whistle
- Easy fastened belt
- Floatable buddy line in protective pocket

SOLAS

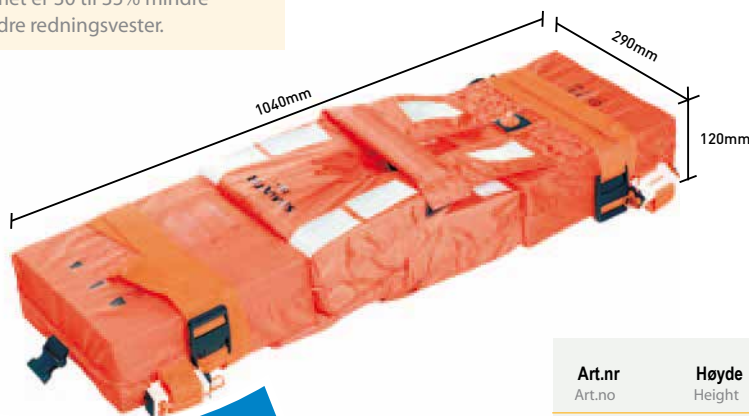
Sea Life REDNINGSVEST
FARGE: 290 ORANGE
STR.: BABY-BARN-VOKSEN

- Refleks (8 stk)
- Lomme for nødlys
- Integriert, forsterket løftesløyfe i nakkestøtte
- Justerbart ansiktsbelte for å holde hodet i riktig vinkel
- Fastmontert fløyte
- Enkel justering av belte
- Flytende kameratline i egen beskyttelseslomme

SOLAS

Sea Life has a practical, space-saving design, which makes for a compact fit in onboard cabinets. The volume is 30 to 35 % less than most of other lifejackets.

Sea Life er praktisk, kompakt og plassbesparende og kan lagres ombord i små skap. Volumet er 30 til 35% mindre enn de fleste andre redningsvester.



Art.nr Art.no	Høyde Height	Vekt Weight
82960 Adult	155cm >	43kg>
82960 Child	100-150cm	15 - 43kg
82960 Infant	<100cm	<15kg

hansenprotection.no

Sea Life TP

Sea Life TP comes in adult and child models and is approved according to the newest NMD (Norwegian Maritime Directorate) requirements as a thermal lifejacket.

Sea Life TP kommer i voksen- og barnemodeller og er godkjent i henhold til de nyeste SD (Sjøfartsdirektoratet) kravene som en termisk redningsvest.



Sea Life TP LIFE JACKET
COLOUR: 290 ORANGE
SIZES.: CHILD-ADULT

- Protects against drowning
- Insulation that counteracts hypothermia / heat loss from the head, neck, chest and groin
- Design that protects vital body parts and reduce and cold shock
- Serves as a regular jacket and is easy to take on
- Impossible to slip out of the vest when it's properly dressed
- Provides good sight and freedom of movement

SOLAS

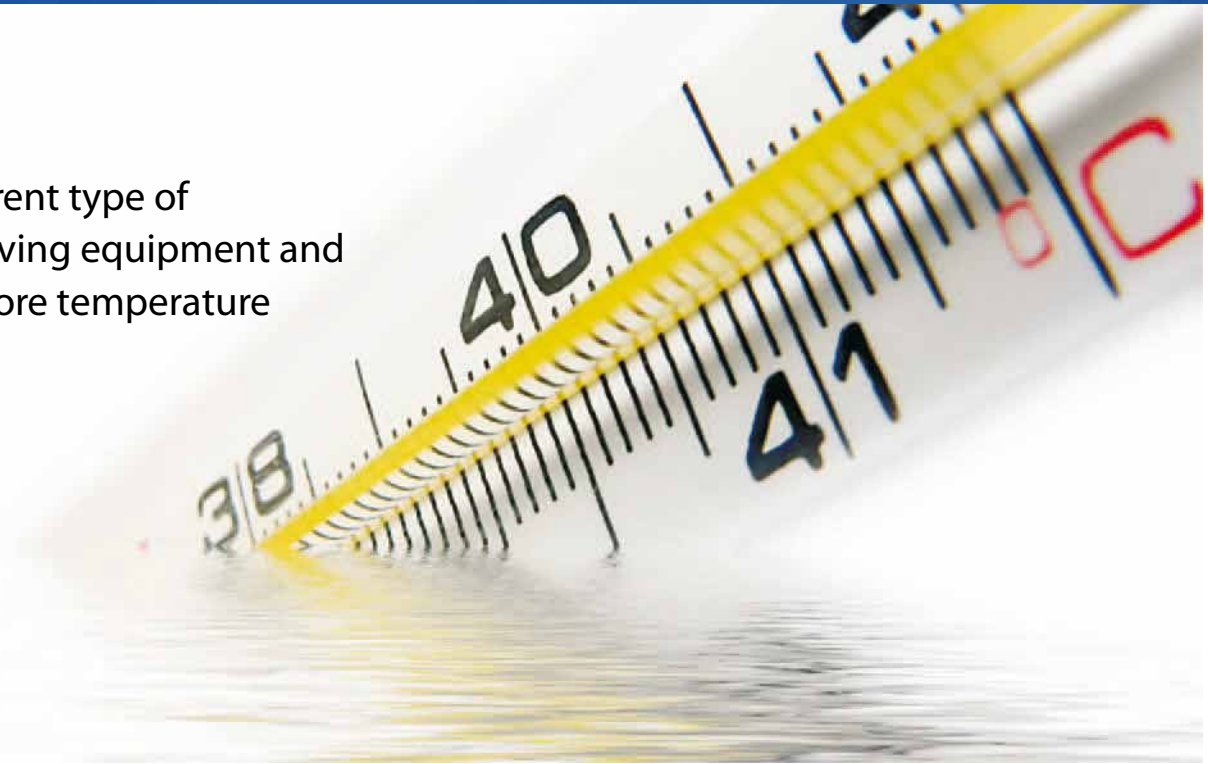
Sea Life TP REDINGSVEST
FARGE: 290 ORANGE
STR.: BARN-VOKSEN

- Beskytter mot drukning
- Isolasjon som motvirker hypotermi/varmetap fra hode, nakke, bryst og lyske
- Design som beskytter vitale kroppsdeler og reduserer faren for kuldesjokk
- Fungerer som en vanlig jakke og er lett å ta på
- Umulig å gli ut av vesten når den er korrekt tatt på
- Gir god syns- og bevegelsesfrihet

SOLAS

Art.nr Art.no	Høyde Height	Vekt Weight
82970 Adult	155cm >	43kg>
82970 Child	100-150cm	15 - 43kg

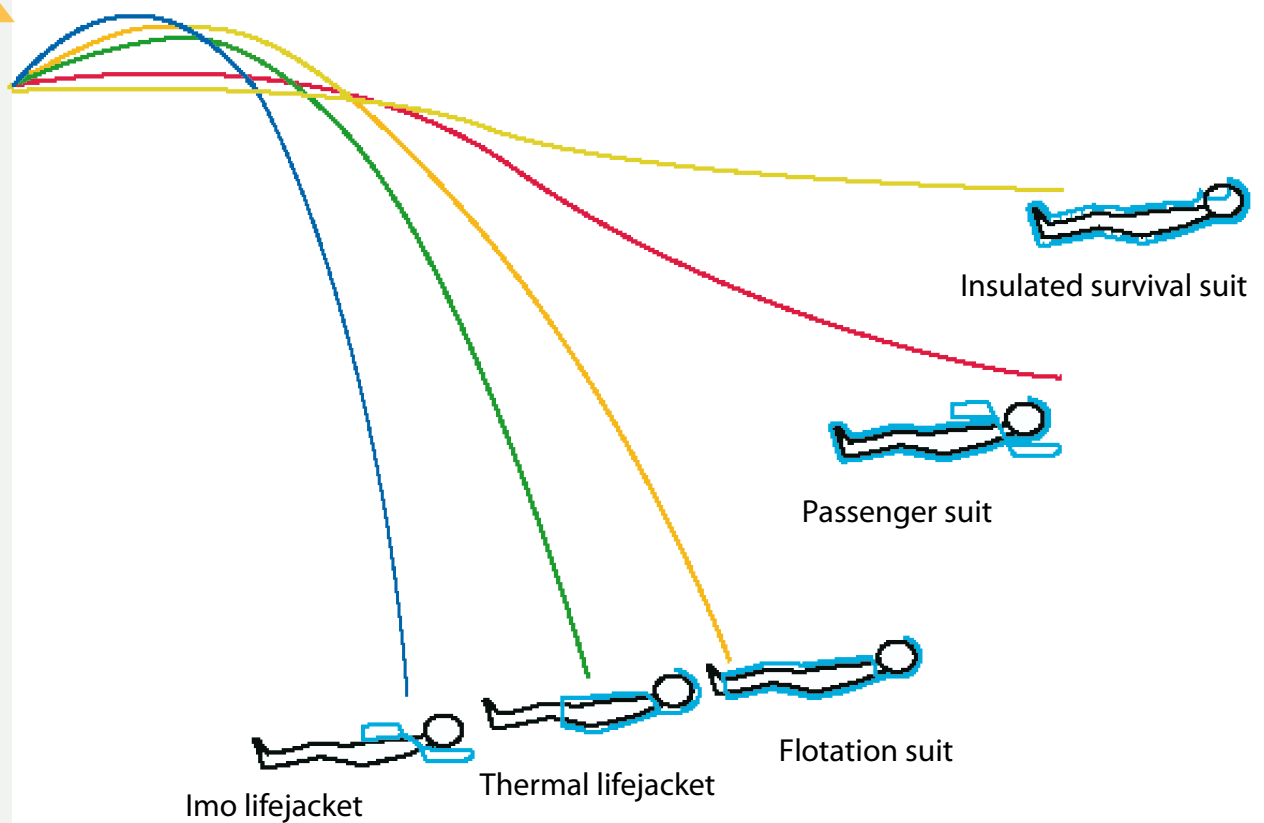
Different type of lifesaving equipment and the core temperature



CORE TEMPERATURE

It is crucial that you make the right choice when it comes to thermal protection.

Below test shows that an uninsulated drysuit, as for instance P2010, gives a far better thermal protection than a thermal lifejacket.



TIME

Sea Pass



Sea Pass PASSENGER SUIT

COLOURS: 200 Fluor Orange

SIZES: 50-100cm / 100-150cm / 150-200cm

- Emergency suit on board on passenger vessels and recreational vessels
- PU coated Nylon
- Required use of additional approved life jacket on the outside of the suit
- Insulated hood
- Front zipper with waterproof inner lining
- Attached 5-finger gloves
- Adjustable ankle straps
- Allows for use of shoes both inside as well as on the outside
- Approved reflective tape
- The suit with approved life jacket is approved as substitute to thermal lifejackets according to NMD regulations
- Tested and approved in accordance with ISO/FDS requirements for non-insulated immersion suits

SOLAS

Sea Pass PASSASJERDRAKT

FARGER: 200 Fluoriserende Orange

STR: 50 -100cm /100-150cm / 150-200cm

- Redningsdrakt til bruk om bord i passasjerfartøy og fritidsbåter
- PU belagt nylon
- Drakten skal brukes sammen med godkjent redningsvest
- Isolert hette
- Glidelås i front med vanntett innerdekke
- Påmontert 5 finger hansker
- Regulerbar ankelstroppe
- Tillater bruk av sko inne i drakten så vel som utvendig
- Godkjente reflekser
- Testet og godkjent i hht ISO/FDS krav til uisolert redningsdrakt
- SOLAS- godkjent i samsvar med LSA Koden del 2.5 termisk beskyttelsesdrakt, og sertifisert av Sjøfartsdirektoratet som Passasjerdrakt

SOLAS



Art.nr Art.no	Drakt str. Suit size	Vekt Weight
82940	50-100cm	0,3
82940	100-150cm	0,7
82940	150-200cm	0,9

Navy Quick Donning Suit



QUICK DONNING SUIT

COLOURS: 290 Orange

SIZES: STANDARD 150 - 200CM

- Thermal protection suit for the Navy
- PU coated nylon
- Watertight front zipper from shoulder to shoulder
- Insulated hood
- Neoprene cuffs
- Detachable 3 finger gloves
- Double ankle straps
- Approved reflector tape
- To be used on top of clothing and shoes
- IMO/SOLAS approved as unisolated survival suit
- To be used with an approved lifejacket
- For persons 150 - 200cm
- Provided in vacuum packed bag to be worn around the waist

SOLAS

KRIGSREDNINGSDRAKT

FARGER: 290 ORANGE

STR.: STANDARD 150 - 200cm

- Termisk beskyttelsesdrakt for Marinen
- PU-belagt nylon
- Vanntett frontlås fra skulder til skulder
- Isolert hette
- Mansjetter i neoprene
- Avtagbare trefingerhansker
- Doble ankelstropper
- Godkjente reflekser
- Brukes utenpå bekledning og sko
- IMO/SOLAS godkjent som uisolert redningsdrakt
- Brukes sammen med godkjent redningsvest
- Beregnet for personer fra 150 - 200cm
- Leveres vakuumpakket og i bag som bæres rundt livet

SOLAS



Sea Fish



Work suit for use in the fishfarm industry

- PU coated flame retardant, waterproof Oxford nylon, dry suit
- Optional 3mm inner lining with closed cells for insulation and buoyancy
- Watertight zip
- Optional neoprene hood and gloves enables the use of hard hats for protection
- Reinforcements on elbows and knees
- Integral safety harness with stainless steel ring and carbine hook
- Buddy line, whistle and reflective tapes

Can be combined with self righting unit or inflatable lifejacket

Arbeidsdress for bruk i fiskoppdretts næringen

- PU belagt flammehemmende og vanntett nylon, tørrdrakt
- Vanntett glidelås
- Integrert sikkerhetssele med rustfri stålring og karabinkrok
- Kameratline, fløyte og reflekser
- Forsterkninger på albuer og knær
- Kan også leveres med:
3 mm innerfor med lukkede seller for isolasjon og oppdrift
Neoprene hette og hansker

Kan kombineres med oppblåsbar redningsvest eller selvretter



MEASUREMENTS OF SUIT IN CM SIZE	XS	S	M	L	XL	XXL
A. Back length to waist	59	60,5	61,5	63	64	65
B. Waist	110	114	121	130	136	144
C. Sleeve length from neck to wrist	73	77	77	79	82	84
D. Inseam	73	76	79	82	85,5	88,5
E. Sock, toe to heel	26,7	28,7	30,7	32,7	32,7	32,7
Body height (body measurement)	157-164	163-170	169-176	175-182	181-188	187-194

Thermal Protective Aid



Ascotherm will help to keep a survivor warm and dry by preserving body heat.

Ascotherm vil bidra til å holde en overlevende varm og tørr ved at man bevarer kroppsvarmen.

Ascotherm T.P.A. product line

Designed to keep survivors warm and protected against rain, wind and cold in liferafts and lifeboats.

Ascotherm is currently one of the most successful designs of T.P.A. available today.

Ascotherm complies with the Marine Equipment Directive of the European Community 96/98/EC, and meets all the standards of the SOLAS 74/83, IMO Res. MSC 48 (66) and IMO Res. MSC 81 (70) and MCS 226(82) i addition to Canadian og USCG-approval.

The design is outstanding; all seams are welded and 100 % water-tight, the inside layer is metallized to retain body heat, and the web reinforcement allows unconscious survivors to be carried while in the TPA. It has a long zip for easy donning and will accomodate a mother and small child.

A lifejacket should always be worn with a Thermal Protective Aid.

SOLAS

Designet for å holde overlevende varme og beskyttet mot regn, vind og kulde i redningsflåter og livbåter.

Ascotherm er de mest suksessfulle TPA-draktene på markedet i dag.

Ascotherm samsvarer med Marine Equipment Directive av EU 96/98/EC, og oppfyller alle krav i SOLAS 74/83, IMO Res. MSC 48 (66) og IMO Res. MSC 81 (70) og MCS 226(82) i tillegg til Canadisk og USCG-godkjenning.

Designet er enestående, alle sømmer er sveiset og 100% vanntette, Innsiden er metallbelagt for å beholde kroppsvarmen og web-armeringen gjør det mulig å bære bevisstløse overlevende i TPA-drakten. Den har en lang glidelås, og kan romme en mor og et lite barn.

En godkjent redningsvest skal alltid brukes i kombinasjon med med en Termisk beskyttende drakt

SOLAS



Ascotherm MK1



Ascotherm MK2



Ascotherm Mk4
USCG approved

Chem Suit



Our Chem Suit is made especially for use on board ships protecting the wearer when they clean the ship's tanks.

Can also be used for other purposes such as by land based industries.

- One-piece suit without boots, produced in Hi-Vis material
- The suit is chemical and flame resistant and anti static
- Non-removable hood
- Tested for resistance to a variety of chemicals. EN369, EN467, EN533, EN1149:1
- Additional exterior cuffs to protect gloves
- Arm cuffs with elastic
- Front opening with internal "fan" with Velcro closure. Provides good protection from sprays

Available in 5 sizes from Small to XX-Large



Immersion Suits



Sea Arctic



Sea Nordic



Sea Eco



E-307

Work Suits



E300-2



Sea Mob



Sea Wind



Sea Work



Sea Fish

Transport Suits



Sea Air



Sea Air Training



Sea Pass



Ascotherm TPA MK 4

Thermal Protection

Special Suits



Navy Quick Donning



Army WICS



Sea Rescue



Sea Rib

The HP Immersion Suit Service Station network

Service og vedlikehold av redningsdrakter

Regular inspection and maintenance prolongs survival suits life.

IMO circular MSC / Circ. 1114 from 2004 recommend that immersion suit inspection be carried out by approved servicestation at least every 3. years. It is assumed that the owner carries out inspection of immersion suits in accordance with MSC /Circ. 1047. If the suits are vacuum packed, it is recommended inspection every 5 year.

At our authorized service stations, we have personnel with expertise and equipment to perform the necessary control of the survival suits. Service will reveal any deterioration of materials, and damage that is not detected on board.

Be sure that the service station you use for the service of HP Suits has a valid HP certificate of Authorisation and includes a "service certificate" with date of next service when a service has been performed on your HP suits. An updated list of service stations can be found on our web-page: Hansenprotection.no

Regelmessig ettersyn og vedlikehold forlenger redningsdraktens levetid.

Ifølge IMO sirkulære MSC/Circ. 1114 fra 2004 anbefales det at redningsdrakter etterses av godkjentservicestasjon minst hvert 3. år. Det forutsettes også at eieren utfører ettersyn av redningsdrakten isamsvar med MSC/Circ. 1047. På vakuumpakkede drakter, anbefales det ettersyn hvert 5. år.

På våre godkjente servicestasjoner har vi personell med kompetanse og utstyr for å utføre forsvarlig kontroll av redningsdraktene. Service kan avdekke forringelse av materialer og feil som ikke oppdages om bord.

Påse at servicestasjonen du bruker har gyldig HP sertikat og vær sikker på at de inkluderer et sertikat når service er utført. En oppdatert liste over godkjente servicestasjoner nner du på vår web-side: Hansenprotection.no



HANSEN PROTECTION HAS BEEN A PIONEER IN SAFETY AT SEA EVER SINCE WE LAUNCHED KAPOK LIFE JACKETS IN 1932. OUR CURRENT RANGE CONTINUES THE COMPANY'S STRONG TRADITIONS, WHERE OUR GREATEST CONCERN IS TO ENSURE OPTIMAL FUNCTIONALITY AND PERFORMANCE FOR ALL TYPES OF WORK ON, UNDER AND BESIDE WATER.

HANSEN PROTECTION HAR VÆRT EN FOREGANGSBEDRIFT PÅ OMRÅDET SIKKERHET PÅ SJØEN, HELT SIDEN VI LANSERTE REDNINGSVESTEN KAPOK I 1932. VÅRT NÅVÆRENDE PRODUKTSPEKTER VIDEREFØRER SELSKAPETS STERKE TRADISJONER, HVOR OPTIMAL FUNKSJONALITET OG YTELSE FOR ALLE TYPER ARBEID PÅ, I OG VED SJØEN, STÅR I HØYSETET.



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