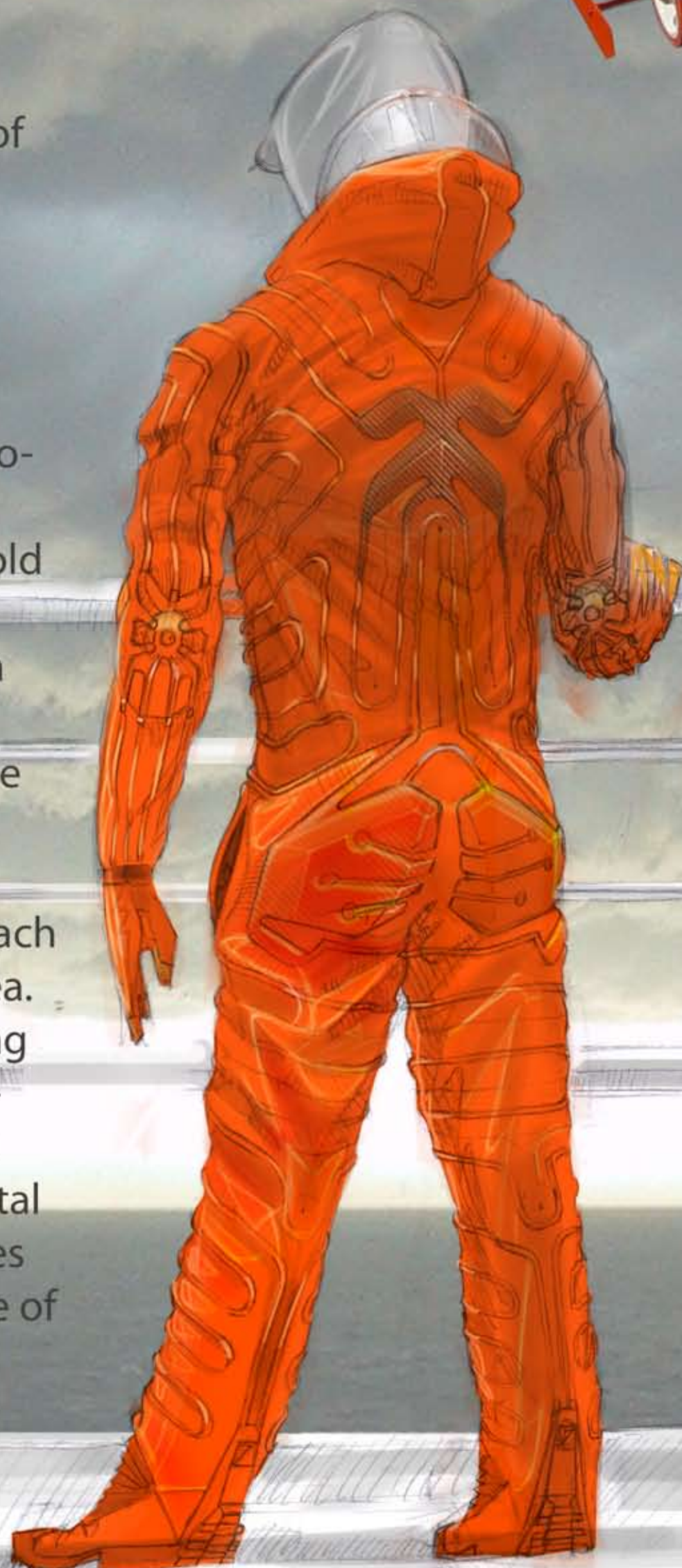


Seaguard - Rescue Suite

This rescue suite is made for persons, who work under extrem dangerous conditions on the sea, where storm and extrem low temperature belongs to their everyday life. It is always possible that the man will go by the board.

Considering the process of rescueing people at sea there are important facts documentated:

- Most victims do not drown, they die of hypothermia.
- After 2 minutes in 5° cold water the victim is not able to swim or reach a life raft.
- After 5 – 20 minutes the victim dies of hyperthermia.
- Most victims do not reach the life raft in heavy sea.
- At least some die during the rescue process, because their body is not transported in horizontal position. The victim dies of heart attack because of their weekness.





Seaguard - Rescue Suite

Idea of the SEAGUARD - RESCUE SUITE

- The seaguard suite is a rescue system which is always worn by the person while working, similar to rain protection suites.
- Two buttons in the sleeves activate simultaneous two chemical substances which start a foaming process.
- The suit fills with PU foam that emits heat while reaction, allows to float, insulates from cold and stiffens the suit for rescue operations.
- The victim in a foamed seaguard suite keeps longer alive in cold water, his chances to be rescued increase tremendously.
- There is an illumination system with LEDs integrated in the suite, to localize the sea victim.
- A electronic emitter helps to localize the victim.
- The suites' balance point turns the victim automatically with the face up to prevent it from drowning.



Sea Guard

Life rescue solution

- Protection against water and sun.

- Position profiles to keep the body in save position.

- Balance point sensor for the right position

- Two zones to free the body for the suite after rescue.

