

## Reference case

# RePak solution for Antarctic conditions

### The Customer Case

The customer has, for almost 60 years, undertaken the majority of Britain's scientific research on and around the Antarctic continent. It ships a variety of items and materials from the UK to the Antarctic from highly valuable and sensitive scientific reading equipment to climbing tools. It required a packaging solution that could withstand the two and half month sea trip from the UK to the Antarctic and the harsh -50 degrees in the Antarctic. A key criteria for the customer was that the packaging solutions should be environmentally friendly. The Environmental Protocol of Antarctic Treaty requires most waste to be removed from worksites and stations.

### The Nefab Solution

A project team was set up consisting of representatives from both Nefab and the customer. After an in-depth investigation into the present situation, Nefab UK developed a cost saving, environmentally friendly packaging solution for the customer to replace their previous expendable, non-collapsible packaging solution. The Nefab solution was a RePak, with VCI bags to protect against corrosion and climatic stress, experienced both during transport and in the Antarctic

### Customer benefits

- An environmentally friendly solution.
- Improved protection, resulting in reduced damages during transport and storage
- Boxes can be stored outside in the Antarctic, either collapsed or with items inside

