

HEARD ISLAND

The 2016 Cordell Expedition

Discovering Life in the Extremes

VKØEK

Linking the Remote in Realtime

THE HEARD ISLAND EXPEDITION POSTER

THE VOYAGERS

Newsletter Vol. 2 No. 2

Feb. 10, 2016

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ONSITE

(Clockwise from above right)

- Robert Schmieder KK6EK
- David Lloyd K3EL
- Kenneth Karr NG2H
- Carlos Nascimento NP4IW
- Hans-Peter Blattler HB9BXE
- James Colletto N6TQ
- Frederick Belton KM4MXD
- Alan Cheshire VK6CQ
- Gavin Marshall VK2BAX
- Adam Brown K2ARB
- William Mitchell AEØEE
- Vadym Ivliev UT6UD
- David Farnsworth WJ2O
- Arliss Thompson W7XU

VESSEL BRAVEHEART

- Matthew Jolly
- Neil Broughton
- William Roundhill
- Charles Bedford
- Elliot Stead
- Nicholas East



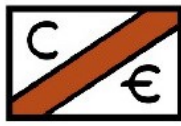
Probably this is the Penultimate Newsletter: it's a **POSTER** that **Presents** the **Planning** and **Preparation** for the entire **Project**.

In three weeks the team will assemble in Cape Town, South Africa, and sail for Heard Island. We are fourteen men, the same number that manned the Australian National Antarctic Research Expedition (ANARE) on the island in 1947. Of course, it's different now, with internet resources, GPS navigation, long-range weather forecasting, satellite communications, computers, social media, and synthetic clothing. What's also different is the enormously increased transportation costs, more demanding permits, insurance, and reduced tolerance for accidents.

One of the biggest changes is the large number of people it now takes to prepare and carry out an operation of this magnitude. Fourteen men is only about a tenth of the support team required, and this doesn't count more than 50 organizations and more than 600 individuals who contributed financially. We estimate that it has taken more than 10,000 man-hours over 3 years to prepare for Heard Island.

This Newsletter is actually a poster. You can download it separately (link on page 4).

The next Newsletter will come March 1.



THE 2016 CORDELL EXPEDITION

THE ENA

CALIFORNIA SUPPORT TEAM

Rich Holoch KY6R
 John Miller K6MM
 Peter Hoffman W6DEI
 Daniel Brock WB4RFQ
 Elliot Medrich N6PF
 Eduardo Gonzales-Fuentes K6EGF
 Jim Nicastro KI6SDF
 Mathison Ott KJ6DZB
 Aaron Williamson
 Maria Hauger
 Chip Margelli K7JA

EAST COAST SUPPORT TEAM

Manny Rodriguez K4MSR
 Dave Scott KN4ZQ
 James Kirkham K4JK
 Glenn Schumacher W4XR
 Lee Moyer K4ISW
 Scott Meister K2CUB (NJ)

INFO TECH

DXA: Peter Bourget W6OP
 Propagation: Dean Straw N6BV
 Propagation: Stuart Phillips K6TU
 Service Desk: Diablo DXers (KY6R)
 Network: Daniel Brock, WB4RFQ
 OQRS: Mike Coffey KJ4Z
 Souvenirs: The Virginia Support Team
 WSPR Beacon: Richard Stiles AB4ZT
 QSL Manager: Tim Beaumont MØURX
 QSLs: Max Van Rymenant ON5UR

U.S. Team



ORGANIZATIONS

599 DX Association
 Amateur Radio Club of Lucerne
 Arkansas DX Association
 ARRL (Colvin Award)
 British Amateur Radio Teledata Group
 Carolina DX Association
 CDXC The UK DX Foundation
 Central Arizona DX Association
 Central Texas DX and Contest Club
 Clipperton DX Club
 Cordell Expeditions
 Danish DX Group
 Delta DX Association
 Diablo DXers
 Dominion DX Group
 East Tennessee DX Association
 Eastern Iowa DX Association
 Ehime DX Group
 European DX Foundation
 German DX Foundation
 GM DX Group
 Great Southern DX Association
 Helvetica Telegraphy Club
 Idaho DX Association
 International DX Association (INDEXA)
 Isle of Man DX Organization
 Jake McClain Driver Memorial Amateur Radio Club
 Kansas City DX Club
 LA DX Group
 Lone Star DX Association
 Long Island DX Association
 Lynx DX Group

Madison DX Club
 Magnolia DX Association
 Mediterraneo DX Club
 Mile High DX Association
 Mississippi Valley DX/Contest Club
 North Alabama DX Club
 Northeast Wisconsin DX Association
 Northern California DX Club
 Northern California DX Foundation
 Northern Illinois DX Association
 Northern Ohio DX Association
 Oceania Amateur Radio DX Group
 OH (Finland) DX Foundation
 Oklahoma DX Association
 Orca DX and Contest Club
 Passau DX Club
 Pentagon Amateur Radio Club
 SE Michigan DX Association
 Southeastern DX Club
 Southeastern DXing and Contesting Organization
 South-West Ohio DX Association
 Spokane DX Association
 Swiss DX Foundation
 Tokyo 610 DX Group
 Twin Cities DX Association
 Twin Cities DX Association
 W. A. Tucker Foundation
 West Tennessee DX Association
 West Virginia DX Association
 Western NY DX Association
 Western Washington DX Club
 Willamette Valley DX Club

CORPORATIONS

Acoustical Solutions
 Arlan Communications
 Array Solutions
 Astrids Embroidery
 The Daily DX
 Disc-O-Bed
 DX Coffee
 DX Engineering
 EAntenna
 Elecraft
 HDT Global Inc.
 Hermann HB9CRV
 InnovAntennas
 Inmarsat
 Insight Aerial Technologies
 K1NSS Design
 Masters Home Improvement
 National Oceanic and Atmospheric Admin (NASA)
 Radiosport
 Sound Seal
 Spiderbeam
 Swell Pro
 Texas Antennas
 Tom Schiller N6BT
 U.S. Geological Survey
 W5KUB - Amateur Radio Roundtable
 Woods Hole Oceanographic Institute

CONTRACTORS

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 Pentagon Freight Services

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 John Muhr K1
 Cheryl Muhr N6
 Rich Holoch K
 Kan Mizoguchi
 Donor DG#
 Donor JP#X

More than 600 individual donors



Braveheart



ADDITION TO HEARD ISLAND

OPERATORS

Europe Team



HONORS

6K6SGH
6K6YR
6K4SV
6TØF
6WVBV
6Y6R
6JA1BK
6XX
6XX

SOUTH AFRICA SUPPORT TEAM

Paul Johnson ZS1S
Malcolm DeBeer ZS6MAL
Pierre Trompf ZS1HF
Sue Morgen ZS1AFR
Tom Morgan ZS1AFS

SCIENTIFIC COLLABORATORS

N Carolina State Univ: Prof. Harold Heatwole
Baker Univ: Prof. William Miller
US Geological Survey: Dr. Mary McGann
Univ Mich: Dr. Robert Anderson
NASA: Dr. Rocco Mancinelli
Univ. NSW: Dr. Erik van Sebille
Calif Acad Sci: Dr. Robert van Syoc
Calif Acad Sci: Dr. Rich Mooi
LA Co Mus Nat Hist: Dr. Gordon Hendlar
LA Co Mus Nat Hist: Dr. Regina Wetzer
LA Co Mus Nat Hist: Dr. Jody Martin
Explorers Club: Joan Boothe
Florida Inst Tech: Dr. Nezamoddin N. Kachouie
Univ Calif Jepsen Herbarium: Dr. Richard Moe
Univ Tasmania: Jodi Fox
Univ Tasmania: Prof. Jocelyn McPhie
Univ Tasmania: Dr. Rebecca Carey
Univ Tasmania: Dr. Patrick Quilty
Univ Tasmania: Prof. Andrew Bowie
Albrecht von Haller Institut: Dr. Thomas Friedl
Georg August Universitaet: Dr. Nataliya Rybalka
The Fungi Foundation: Giuliana Furci
OceanEarth: Dr. Steve Smith
Nor. Virginia Comm Coll: Callen Bentley
Australian Reptile Park: John Weigle
Monat Univ: Prof. Rohan Clarke

EDUCATIONAL

Morristown High School (Janyce Trampler)
James Monroe Middle School (Turtle Haste)
Dorothy Grant Elementary (Beverley Matheson WA6BK)
Wellsley College, Wellington, NZ
Merrilands School, New Plymouth, NZ
Bel Air Middle School, Tiburon, CA
Del Mar Middle School, Tiburon, CA
Reed Elementary School, Tiburon, CA

PERMITS LEGAL-FINANCIAL

Australian Antarctic Div (AAD): James Fleming
Australian Antarctic Div (AAD): Rebecca Malcolm
Public Liability Insurance

AUSTRALIA SUPPORT TEAM

Northern Corridor Radio Group VK6ANC
Keith Bainbridge VK6RK
Stuart Bedford VK6LSB
Andrew Albinson VK6JA
Wayne Johnson VK6EH
Richard Beck VK6BEC
Zeljko Krestelica VK6VY
Wes Beck VK6WX
Peter McMahon VK3HEX

DXERS

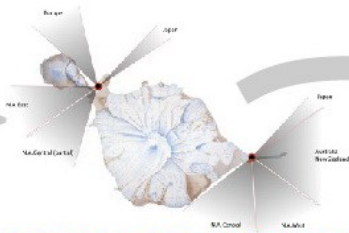
50,000 ham radio operators

Australia Team



Cape Town
10 March 2016

Fremantle
22 April 2016



**HEARD ISLAND
VKØEK**



THE HEARD ISLAND PROJECT

The Heard Island Project is centered around an expedition to Heard Island, lying at 53°S 73°E in the Southern Ocean. The island is extremely isolated, and very seldom visited.

The project will include an ambitious amateur radio operation using the callsign **VKØEK**, and a variety of scientific investigations under the title “Discovering Life in the Extremes” and “Linking the Remote in Realtime.”

The expedition team of 14 will sail on or around March 10, 2016, from Cape Town, South Africa, spend up to 21 days on Heard Island, and end the voyage at Fremantle, Western Australia.

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Project Management
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Co-organizer
Rich Holoch KY6R
Diablo DXers
rholoch@gmail.com

Radio Team Leader
Dave Lloyd K3EL
K3EL@earthlink.net

THE ENERGIZERS

HONORARY

The Fourteen Men (Heard Island 1947)
Jim and Kirsti Smith VKJ9NS (Heard Island 1983)
Prof. Edward O. Wilson (Harvard)
Jean-Michel Cousteau (Ocean Futures)
Prof. Joseph H. Taylor (Nobel Laureate)



MANAGEMENT

Cordell Expeditions
Organizer/Expedition Leader:
Dr. Robert Schmieder KK6EK



Diablo DXers
co-Organizer: Rich Holoch KY6R
Radio Team Leader: Dr. Dave Lloyd K3EL

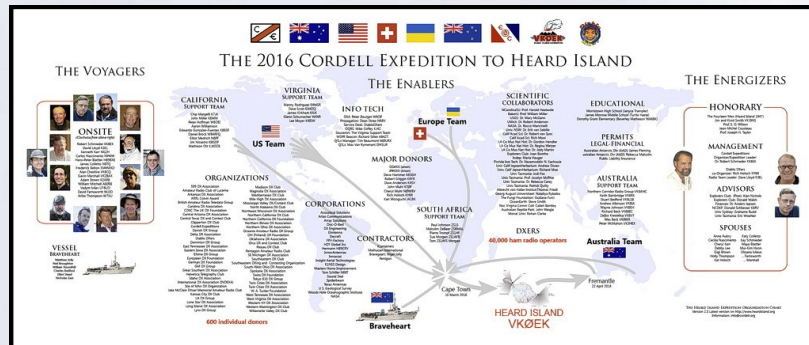
ADVISORS

Explorers Club: Dr. Alan Nichols
Explorers Club: Dr. Donald Walsh
Finances: Dr. Anders Jepsen
NCDXF: Donald Schliesser K6RV
Univ Sydney: Dr. Grahame Budd
Univ Tasmania: Dr. Eric Woehler



SPOUSES

Anne Aubry
Cecilia Nascimento
Cheryl Karr
Debby Lee
Gigi Brown
Holly Thompson
Kat Holoch
Katy Colletto
Kay Schmieder
Maya Blattler
Mui-Kim Hoon
Oksana Ilvieva
... Farnsworth
... Marshall



THE HEARD ISLAND EXPEDITION ORGANIZATION CHART

Latest version [HERE](#)
Information: info@cordell.org

Past issues of the Newsletter are available for download [HERE](#).