



EQUIP NEW ZEALAND'S SHIP

*Your Support Will Help Us Serve The
Most Isolated Islands*



ACCREDITATIONS

YWAM Medical Ships New Zealand (dba YWAM Ships Aotearoa) IMO #5976661 / Charity #CC54578 / Company #6160352 / NZBN #9429045841842 / IRD #123210433 is a nonprofit organization. No goods or services are provided in exchange for any financial donation. Its registered address is P.O. Box 105273, Auckland City 1010, New Zealand.

TAX INFORMATION & FUNDRAISING

Please note that per governmental guidelines all contributions to YWAM Ships Aotearoa are income tax deductible and made with the understanding that YWAM Ships Aotearoa has complete discretion and control over the use of all donated funds.

Feedback on this report and our operations can be sent to info@ywamships.co.nz or in writing to P.O. Box 105273, Auckland City 1010, New Zealand.

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WHAT *we do*

YWAM Ships Aotearoa is part of a movement of international volunteers who seek to serve the most difficult-to-access islands in the Pacific. Youth With A Mission (YWAM) has been using ships as a mobile outreach platform since 1978. In the Pacific alone there are 900 islands without airports.

YWAM Ships Aotearoa is a non-profit charity that values individuals' rights to quality of life. YWAM affirms the Christian Magna Carta which among its tenants, describes the following basic rights of everyone on earth:

1. The basic necessities of life:

- education
- food
- water
- clothing
- shelter
- healthcare

2. Lead a productive life of fulfillment:

- spiritually
- mentally
- socially
- emotionally
- physically

We have the capacity to overcome isolation and lack of access through the use of ships, allowing local health workers and other volunteer personnel transport to many communities, which currently struggle to receive basic services. Both ship-based and land-based (usually deployed from the ship to reach further inland) activities occur. With our ships we bring medical aid with doctors, dentists and ophthalmologists on board. We provide primary health care, health promotion and preventative medicine, oral health, as well as correcting reversible vision loss and cataract blindness.





specialized EQUIPMENT NEEDED FOR THE M/V YWAM KOHA

The m/v YWAM KOHA will exponentially increase programming impact both geographically and in volume, helping to support basic service delivery, build capacity and address some of the Pacific's most critical health concerns. The ship will deliver containers to isolated islands with medical and dental clinics, prepackaged educational classrooms and skill based training tools. To do so specialized equipment is needed.



The Pacific's infrastructure challenges, and the extreme remoteness of many communities, all pose a significant challenge to effective health service delivery. The m/v YWAM KOHA overcomes isolation by travelling to remote locations and deploying multiple teams ashore. Most of our services are delivered in places where there are no wharf or dock facilities.

PROGRAMS INCLUDE

- Primary Health Care (encompassing maternal and child health)
- Eye Health (Optometry and Ophthalmology)
- Dentistry
- Health promotion
- Water and sanitation
- Continuing professional development programs for rural health professionals
- Distribution of essential medical consumables to remote health facilities
- Support to construction projects



MEDICAL *procurement*

TB CONTAINER	
100x GenExpert Tests	\$1,508
14x Cylinders	\$90
2x Pelican Case	\$1,071
4x Beakers	\$96
Autoclave	\$13,244
Biohazard Refrigerator	\$2,714
Biosafety Cabinet	\$2,307
GenExpert	\$26,387
Microscope (Zeiss)	\$2,195
Microscope with Camera (Zeiss)	\$5,332
Other Misc Lab	\$302
Sterilizer Consumables 100 Boxes/100 Rolls	\$603
Stir/Heating Plate	\$742
Total	\$56,589

OPHTHALMOLOGY PROGRAM	
1x Ophthalmic Microscope	\$22,617
2x 40" TV Monitors with Wall Mounts	\$22,617
2x Automatic BP / O2 Sat Monitors	\$1,508
2x Scican Statim 2000 or 5000 Autoclave	\$7,539
2x Stools for Ophthalmologist Perform Surgery	\$754
2x Welch Allyn Spot Vision S100S-V	\$13,872
4x Mayo Stands	\$2,111
4x Operating Room Stretchers	\$1,146
5x Full Set Cataract Surgical Instruments	\$905
Total	\$73,068

PHARMACY CONTAINER	
2x Undercounter Vaccine Refrigerators	\$3,317
4x Vax Tag Vaccine Loggers	\$482
Air conditioner	\$1,357
Total	\$5,157

OTHER	
GE Voluson-I Ultrasound Machine	\$22,617
Portable Digital X-Ray Machine	\$30,156
Total	\$52,773

MEDICAL PROCUREMENT TOTAL	\$187,587
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DENTAL EQUIPMENT *and supplies*

EQUIPMENT	
2x Dental Assistant Chair	\$754
2x Dental Stool	\$754
Air Compressor	\$3,770
Amalgamator	\$332
Digital X-ray Sensors (Size 0-2)	\$18,094
Handheld X-ray Unit	\$6,031
X-pod Viewer for Handheld X-ray Unit	\$12,062
Total	\$41,796

HANDPIECES	
4x Contra Angle	\$2,412
4x Coupler	\$2,412
4x High Speed Fibre Optic	\$2,412
4x Low Speed	\$2,412
4x Low Speed Motor	\$2,412
Total	\$12,062

INSTRUMENTS	
10x Explorers X	\$54
12x Tweezers (Cotton Pick-ups)	\$181
2x James Elevator - Left	\$45
2x James Elevator - Right	\$45
2x Needle Holder	\$36
2x Suture Scissors	\$18
2x Upper Molar Forcep	\$60
30x Aspirating Syringes 2.2ml	\$452
30x Mouth Mirrors	\$54
3x Cowhorn Forcep # 23	\$90
3x Elevator # 1C	\$271
3x Elevator Luxator	\$543
3x Lower Root Forcep	\$136
6x Root Tip Picks Elevator	\$90
3x Surgical Curette # 87	\$136
3x Tissue Forceps	\$90
3x Upper Left Molar Forcep	\$90
3x Upper Molar Forcep # 210	\$90
4 Dozen Sterile Blades Size 11	\$9
4x Lower Molar Forcep # 22	\$181

4x Lower Pre Molar Forcep	\$181
4x Lower Root Forcep - Children	\$121
4x Surgical Blade Handles	\$60
4x Upper Molar Forcep - Children	\$121
4x Upper Root Forcep	\$121
4x Upper Root Forcep - Children	\$121
5 Dozen Sterile Blades Size 12	\$9
5 Dozen Sterile Blades Size 15	\$30
5x Elevator # 34	\$226
6x Aspirating Syringe Tips	\$90
6x Lower Molar Forcep - Children	\$181
Total	\$3,935

SHARPS CONTAINERS	
3x Sharps Container 19L	\$23
3x Sharps Container 10L	\$23
3x Sharps Container 6L	\$14
3x Sharps Container 1.4L	\$9
Total	\$68

SUTURES	
4 Boxes x Chromic Gut 4.0	\$302
4 Boxes x Chromic Gut 3.0	\$302
4 Boxes x Plain Gut 4.0	\$302
4 Boxes x Plain Gut 3.0	\$302
Total	\$1,206

EXTRACTIONS	
Sultan Dry Socket Paste Bottle	\$21
Surgifoam Gelatin Sponge	\$15
Total	\$36

NEEDLES	
Dental Needle 30 ga Long	\$30
Dental Needle 27 ga Short	\$15
Total	\$45

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DENTAL EQUIPMENT *and supplies*

ANAESTHETIC

60x Lidocaine 2% Adrenaline	\$1,809
Topical Anaesthetic	\$23
Total	\$1,832

EVACUATION

Evacuator Tips	\$90
Saliva Ejector	\$15
Surgical Suction Tips	\$30
Total	\$136

RESTORATIVE

2x Bur Block 24 Large Hole Magnet	\$60
2x Bur Block 30 Hole	\$60
2x Demi Plus Curing Light	\$603
3x Filtek Capsules A2	\$317
3x Filtek Capsules A3	\$317
3x Vitrebond Plus Kit	\$226
3M Sof-Lex Pop-On Mandrel FG	\$15
5x Filtek Flowable Composite A2	\$452
6x Poly Pad HS 3x3"	\$9
Calcium-Hydroxide Base Pulp-capping Material Set	\$169
Dentin Conditioner	\$75
Filtek Delivery Tips/ Filtek Flow Dispensing Tips	\$45
Filtek Supreme Ultra Flow Capsules 3M - A3	\$106
Filtek Supreme Ultra Flow Syringes 3M - A3	\$45
Fuji Filling Conditioner LC	\$90
Fuji II LC	\$226
Fuji IX Extra GP	\$226
Fuji IX Extra GP X	\$226
Fuji IX Fast GP	\$226
Fuji IX Fast GP X	\$226
Fuji Triage	\$226
Moore's Disc Course 1/2"	\$15
Moore's Disc Medium 1/2"	\$15
Optibond Solo Plus	\$226

Reel Matrix System	\$754
Sof-Lex XT Pop On Disc Kit	\$256
Super Etch LV	\$45
Super Etch Tips	\$38
Total	\$5,297

SALINE AND SAVACOL RINSES

Saline Sodium Chloride	\$27
Savacol Rinse	\$121
Total	\$148

STERILIZATION POUCHES

2 Cases x Sterilization Pouch 2 3/4" x 9"	\$9
3 Cases x Sterilization Pouch 3 1/2" x 9"	\$9
4 Cases x Sterilization Pouch 5 1/4" x 10"	\$26
5 Cases x Sterilization Pouch 3 1/2 x 10"	\$38
5 Rolls x Autoclave Tape 3/4"	\$38
PANA Spray Plus	\$106
QUATTROcare Plus Spray	\$60
Sterilization Pouch 2 1/4" x 4"	\$5
Sterilization Pouch 3 1/2" x 5 1/4"	\$5
Total	\$294

PREVENTATIVE

1000x Floss	\$152
1000x Toothbrush	\$5,277
1000x Toothpaste	\$9,801
Total	\$15,230

BARRIER PRODUCTS

Cover Film	\$15
Demi 250 Curing Light Sleeve	\$53
Headrest Cover	\$18
Total	\$86

PAPER, COTTON & DISPOSABLES

10 Cases x Gauze N/S 2X2	\$302
10 Cases x Gauze N/S 3"x3" - Covidien	\$181
Dri-Guard Plus Bib	\$15
Facial Tissue	\$12
Paper Drinking Cups	\$12
Paper Towel - Dispensed	\$45
Total	\$567

PPE

10x Protective Eye Wear	\$30
1000x Large Table Covers - Disposable	\$784
20 Cases x Small Powdered Examination Gloves	\$90
50 Cases x Large Powdered Examination Gloves	\$14
50 Cases x Med Powdered Examination Gloves	\$226
Ear Loop Mask	\$106
Large Utility Gloves	\$59
Med Utility Gloves	\$59
Small Nitrile Examination Gloves	\$18
Med Nitrile Examination Gloves	\$18
Large Nitrile Examination Gloves	\$18
Total	\$1,422

CLEANING SUPPLIES

All Purpose Clinical Detergent	\$163
Glutaraldehyde 10 gal	\$302
Hand Sanitizer	\$90
Hand Washing Liquid	\$20
Isopropyl Alcohol 70%	\$20
Surface Disinfectant Wipes	\$15
Total	\$609

DENTAL EQUIPMENT AND SUPPLIES TOTAL

\$84,770



THE steward department

100x Paper Gift Bags	\$38
100x Tissue Paper for Gift Bags	\$12
10x Baking Trays	\$151
10x Cutting Boards	\$60
10x Mixing Spoons	\$45
10x Platters - Medium and Large	\$121
10x Serving Bowls - All Sizes	\$121
10x Serving Spoons - Small	\$45
10x Tablecloths	\$211
10x Undercounter Compact Refrigerators	\$2,261
12x Aprons	\$45
12x Coffee Cups	\$72
12x Plastic Water Jugs	\$90
12x Tea Cups	\$72
18x Mixing Bowls	\$113
20x Plastic Storage Dishes	\$241
22x Bed Bug Covers	\$663
23x Duvets	\$754
24x Bath Mats	\$434
24x Fitted Sheets	\$181
2x Deep Electric Frying Pans	\$136
2x Electric Roasters	\$151
2x Glass Water Dispensers	\$90
2x Roasters - Medium and Large	\$75
2x Vacuums	\$453

33x Duvet Covers	\$995
33x Top Sheets	\$249
34x Pillow Case Covers	\$256
36x Bath Towels	\$316
36x Hand Towels	\$316
3x BBQ Lighter	\$14
3x Colanders - Medium and Large	\$68
3x Dust Mops	\$136
3x Egg Lifters	\$27
40x Cereal Bowls	\$453
40x Dinner Plates	\$453
40x Mugs	\$453
40x Salad Plates	\$453
48x Glasses	\$96
4x Small Paring Knives	\$30
4x Toasters	\$68
4x Vegetable Peelers	\$36
5x Butter Dishes	\$75
5x Dirt Removal Entrance Mats	\$166
5x Large Serving Forks	\$38
5x Loaf Pans	\$60
5x Sets of Cutlery	\$264
5x Sets of Salt and Pepper Shakers	\$60
6x Small Serving Tongs	\$18
8x Spatulas - All Sizes	\$30
Brooms	\$151
Buckets	\$121
Decorations	\$453
Dishwasher	\$5,276
Electric Blender	\$45
Frying Pans - All Sizes	\$377
Knife Set	\$75
Large Cheese Grater	\$75
Measuring Cups	\$23
Measuring Spoons	\$23
Mops	\$121
Pails	\$90
Portable Outdoor Screen & Projector	\$301
Pots and Pans - All Sizes	\$377
Proper Chemicals	\$754
Scrub Pads	\$27
Snacks for Gift Bags	\$301

STEWARD DEPARTMENT TOTAL **\$20,355**



THE ENGINEERING *department*

3x GasAlert MicroClip	\$978
Norbar Industrial Torque Wrench	\$1,410
Teng Tools Torque Wrench	\$229
Milwaukee M18 - Battery Pack Plus	\$1,725
Milwaukee Angle Grinder 125mm	\$386
3x Makita Angle Grinder 125mm	\$3,424
Drill Bit Set	\$89
Milwaukee 950W 13mm Drill	\$317
Makita 185mm Circular Saw	\$298
Dewalt 12" Compound Mitre Saw	\$1,347
8x Hard Hats for Working with Crane	\$184
5x Earmuffs for Engineering	\$275
2x Earmuffs for Deck Team	\$86
Loctite 401 Instant Adhesive 25ml	\$25
Loctite 253 - Nut Super Lock Tite	\$45
Fiberglass for Pipe Repair	\$103
6x WD-40 Lubricant Aerosol	\$114
JBS Pipe Wrench 450mm (18")	\$77
JBS Pipe Wrench 200mm (8")	\$28
6x CRC 5028 - 210mm	\$66
Digital Clamp Meter - Mashtech	\$80
Megger	\$2,143
Digital Caliper Vernier 200mm (8")	\$204
400mm Vernier Clipers	\$295
Sounding Tapes for Fuel and Water Tanks	\$156
Brazing Rods	\$43
Blow Torch - High Temp Portable	\$99

Blow Torch Gas Cartridges	\$52
Welding Machine	\$5,000
2.5mm Electrods (5pack) Welding	\$198
3.2mm Electrods (3pack) Welding	\$177
Welding Mask - Auto Darkening	\$140
Chipping Hammer - Wire Spring Handle	\$15
Welding Gauntlet (Gloves)	\$21
Steel, Flanges & Bolts for New Fire Fighting Pipe	\$750
Wire - Armoured Shielded	\$2,000
RCD Power Points for Future Clinic	\$496
Air Compressor - Rust Removal	\$1,725
Needle Gun - Rust Removal	\$574
Air Hose - Rust Removal	\$115
Heavy Duty Power Extension Lead	\$79
40x Twist Cup Wire Wheels 75mm	\$297
Epoxy Glue	\$18
Impact Driver Sockets	\$378
Socket Set 1/4 Drive	\$114
Easwing Pry Bar 375mm	\$43
Nail Puller	\$35
Laptop for Engineering	\$1,500
Power Extension Lead	\$44
Hole Punch Set for Gaskets	\$48
Engineering Chalk	\$40
Irwin Quick-Grip 6 Piece Clamp Set	\$65
Dust Masks (Box of 20)	\$70
Ratchet Tie Down Straps (4 Pack) 25mm x 5m	\$45
Ratchet Tie Down Straps (4 Pack) 38mm x 5m	\$69
Cut-off Discs 125mm (25 Pack)	\$52
Lifting Straps for Crane (4 Pack)	\$152
Compressor: 4-6 hp, 440V, 3 Phase, 60 Hz	\$1,500
Receiver/Tank - 200 liters	\$700
Light Bulbs of Various Sizes, Including Bayonet, LED, Fluorescent - 50 of each	\$800

ENGINEERING DEPARTMENT TOTAL \$31,538

THE deck department

4x Safety Harnesses	\$603
60x Reflective Vests	\$1,508
Alluminium Gway	\$4,523
Cargo Net	\$377
Coastal Explorer/Cmaps Chart Plotter	\$897
Furuno Fishfinders for Zodiacs	\$1,508
Ice Maker	\$754
Incinerator	\$3,770
Lifting Slings (Endless)	\$1,508
Overall Paint: Trad. Single & 2 Component Acrylic	\$6,031
Safety Net	\$302
Stackable Chairs	\$2,714
Tools for Chippy Shop	\$1,508
Wet Dry Vac	\$302
Zodiac Overhaul	\$151

DECK DEPARTMENT TOTAL **\$26,454**



grand TOTAL ASK ONCE-OFF

DEPARTMENT	ESTIMATED EXPENSE	TOTAL
M/V YWAM KOHA		\$78,327
Steward Department	\$20,335	
Deck Department	\$26,454	
Engineering Departrment	\$31,538	
DENTAL EQUIPMENT AND SUPPLIES		\$84,770
Equipment	\$41,796	
Handpieces	\$12,062	
Instruments	\$3,935	
Sharps Containers	\$68	
Sutures	\$1,206	
Extractions	\$36	
Needles	\$45	
Anaesthetic	\$1832	
Evacuation	\$136	
Restorative	\$5,297	
Saline and Savacol Rinses	\$148	
Sterilisation Pouch	\$294	
Preventative	\$15,230	
Barrier Products	\$86	
Paper Cotton & Disposables	\$567	
PPE	\$1,422	
Cleaning Supplies	\$609	
MEDICAL PROCUREMENT REQUIREMENTS		\$187,587
TB Container	\$56,589	
Ophthalmology Program	\$73,068	
Pharmacy Container	\$5,157	
Other	\$52,773	
GRAND ONCE-OFF TOTAL		\$350,684



annual FUEL NEEDS

	DIESEL	UNLEADED	JET A1
2019	300,000 L	150 drums	20 drums
2020	400,000 L	150 drums	20 drums
2021	400,000 L	150 drums	20 drums
2022	400,000 L	150 drums	20 drums

FUEL NEEDS TOTAL PER YEAR: +/- \$450,000



annual MANNING NEEDS

PAID/SCHOLARSHIP POSITIONS

POSITION	STCW	NZD/DAY
Master	II/2	180
Chief Mate	II/2	155
Chief Engineer	III/2	270
2nd Engineer	III/2	200
Engineering Watch	III/4	100
Able Seafarer Deck	II/5	90
Able Seafarer Deck	II/5	90
TOTAL		1,085

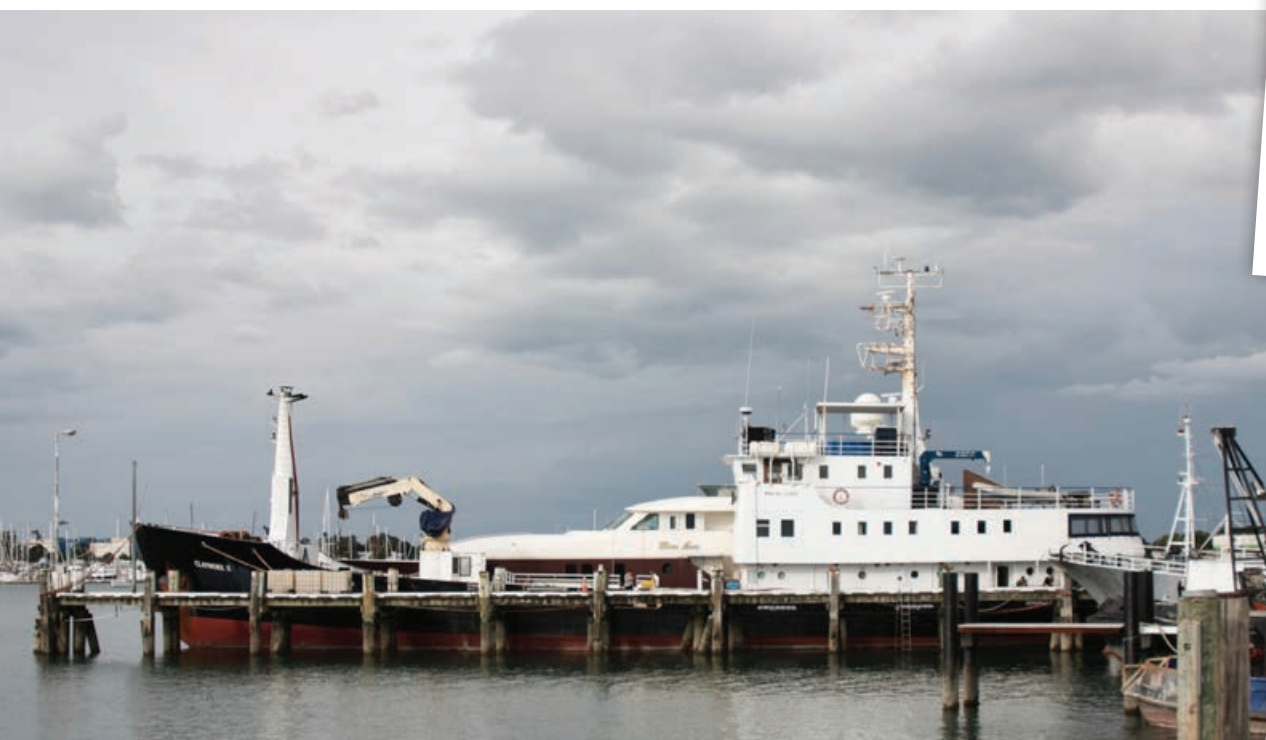
\$1,085 per day x 30 days = \$32,550 per month
x 12 months = \$390,600 per year

MANNING NEEDS TOTAL PER YEAR: \$390,600

TECHNICAL *specifications*

SHIPS PARTICULARS: M/V YWAM KOHA

Tonnage: 486 GT
Length: 160 ft (49 m)
Beam: 32 ft (9.8 m)
Draft: 12 ft (3.7 m)
Decks: 5
Installed Power: Two Deutz Diesel Engines, 560 kW (750 hp) Each
Propulsion: Single Shaft; Controllable-pitch Propeller
KaMeWa Bow Thruster (180 hp)
Speed: 14 knots (26 km/h; 16 mph) (maximum)
9.5 knots (17.6 km/h; 10.9 mph) (cruise)
Range: 9,000 Nautical Miles (17,000 km; 10,000 mi)





testimonials

CAPTAIN RON BOCKHOLD

“A few years ago, I came across an internet promotion for volunteers with an organization called YWAM Ships that was unknown to me. YWAM stood for Youth With A Mission. **I wasn't youthful and didn't have a mission, but somehow the staff of YWAM Ships found a way for me to fit in to their organization.** It was an exhilarating opportunity for me to be able to serve on an incredible voyage to Papua New Guinea (PNG). I was able to utilize a lifetime of experience in maritime, medicine, management and training to serve the YWAM community as well as the people from the nation of PNG. The enthusiasm of the young people on board was electrifying and motivated me to contribute to their mission of the organization in ways I never would have imagined. **Whatever your experience, skills or talents are, YWAM Ships can find a way to put them to a higher purpose** if you choose to join them in their mission.”



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SHIPPING COMPANY**



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