

N8S - Swains Island DX-Pedition 2007

**Equipment List and Quantity by Site #**

By YT1AD & K3LP, Revision: 03/30/07 Rev. F

Page 1 of 5

Kitchen/ Dining Site # 4	Digital/6 Meter Site # 3	SSB Site # 1	CW Site # 2	Equipment Description
<b>Radios, Amplifiers &amp; Support Equipment</b>				
-	Qty 1	Qty 3	Qty 3	ICOM HF Radio, IC-756 PROIII with ICOM Power Supplies (ICOM Donation/Loan & K3LP)
-	-	-	Qty 3	CW Interface Cables for Windows, USB to CW for IC-756 PROIII (N6TQS)
-	-	Qty 1	Qty 1	Heil Headset with ICOM Adapters (YT1AD Qty 2)
-	Qty 1	Qty 1	-	Heil Headset & cable for IC-756PROIII (Team Purchase, Qty 2)
-	-	-	Qty 1	Heil Headset & cable for IC-756 PROIII (K3LP)
-	-	-	Qty 1	Heil Headset & cable for IC-756 PROIII (Alan – K6SRZ)
-	-	Qty 1	-	Heil Headset & cable for IC-756 PROIII (Vangelis - sv2bfm)
-	Qty 1	-	-	Heil Headset & cable for IC-7000 (N6TQS)
-	-	-	Qty 3	Electronic Keyer Paddle (Team Members bring Keys)
-	-	-	-	
-	-	Qty 2	Qty 3	ACOM Amplifier, ACOM-1000, Qty 5 (K1LZ Loan)
-	-	Qty 1	-	ACOM Amplifier, ACOM-1010, Qty 1 (K1LZ Loan)
-	Qty 1	-	-	HF Amplifier, ACOM-1000 for 6 Meters, in Fiji (YT1AD)
-	Qty 1	-	-	HF Amplifier, ACOM-1010 for Digital, bring from home (YT1AD)
Qty 8	-	-	-	240VAC Power Connectors for ACOM Amps are needed, Qty 6 (K3LP)
-	Qty 1	-	-	HF Radio IC-7000 with Power Supply, 60 METERS (5 Mhz) band 6 METER BEACON (N6TQS)
-	-	-	-	
<b>Tents, Station Power and Support Materials</b>				
1	1	1	1	Station Operating Tent, 10' x 20' (Jennings)
1	1	1	1	Sleeping Tent, 10' x 20' – Sleeps Five People (Jennings)
2	2	2	2	Tables, 6' x 24" (Jennings)
4	2	3	3	Chairs (Jennings)
1	2	2	2	Fluorescent Light (Jennings)
0	2	2	2	Fan (Jennings)
1	1	1	1	Refrigerator for Drinks (Jennings)
1 (4.5)	1 (4.5)	1 (4.5)	1 (5.2)	Generators , Qty 3 – 4.5 KW and Qty 1 – 5.2 KW, 120VAC & 240VAC, (Jennings)
Qty 1 Back-up generator				Generators , Qty 1 – 5.2 KW, 120VAC & 240VAC, (Team Budget) Purchase in American Samoa
-	5	5	5	Cots for Sleeping (Jennings)
2	2	3	3	Patch Cords (120 VAC), 6' (Team Purchase, Qty 10)
3	4	6	6	Ext. Cords (120 VAC), 50' (Team Purchase, Qty 19)
780 Gallons Gas	-	-	-	Gas Fuel for Generators (Jennings) Notes: 5 Gallons per generator = 8 hours operation Estimated 15 gallons per generator Day x 4 Generators x 13 Days = 780 Gallons or 16 Fifty (50) gallon containers

N8S - Swains Island DX-Pedition 2007

**Equipment List and Quantity by Site #**

By YT1AD & K3LP, Revision: 03/30/07 Rev. F

Page 2 of 5

Kitchen/ Dining Site # 4	Digital/6 Meter Site # 3	SSB Site # 1	CW Site # 2	Equipment Description
<b>Band Pass Filters</b>				
-	-	Qty 2	Qty 1	Band Pass Filter, 6 Position, ICE, Model 419, (10, 15, 20, 40, 80 & 160) (K3LP Qty 2, SV2BFN Qty 1) with 12 VDC power supplies
-	-	Qty 1 Set	-	Single ICE Band Pass Filters Set (160, 80, 40, 20, 15, & 10) (K1LZ)
-	-	Qty 1 Set	Qty 1 Set	Single ICE Band Pass Filters Set, WRTC 30, 17, & 12 (RK3AD)
-	Qty 1 Set	-	-	Single ICE Band Pass Filters Set, WRTC 30, 17, & 12 (YZ1EW)
-	-	-	Qty 2	Dunstar, Mdoel 600, 6 band from 160m-10m (K6SRZ – Purchase for Donation)
<b>Logging Software</b>				
Qty 1	-	-	-	WriteLog (Donation from WriteLog) (YT1AD gets License)
-	-	-	-	-
-	-	-	-	-

Kitchen/ Dining Site # 4	Digital/6 Meter Site # 3	SSB Site # 1	CW Site # 2	Equipment Description
<b>Coax, Connectors, Insulators &amp; Wire</b>				
-	-	-	600'	RG-8X Mini Coax (like RG-58), qty 2 x 300' (100 Meters), 600 Feet total (RA3AAU) RG-8X/IIA(9092), \$ .27/FT, \$25.00/100'
-	-	-	210'	<b>RG-8X Mini Coax Jumpers</b> 15 pcs of PL-PL cables 3' (1.5 m) long - 3 pcs of PL-PL cables 90' (30 m) long - 2 pcs of PL-PL cables 120' (40 m) long
-	600'	200'	400'	RG-8X Mini Coax (like RG-58), qty 2 x 300' (100 Meters), 600 Feet total (RA3AAU) RG-8X/IIA(9092), \$ .27/FT, \$25.00/100'
-	-	1,000'	-	LMR 240 Coax– 100', 1,000 Feet (K1LZ) LMR-240, \$ .55/FT, \$51.00/100'
Qty 50	-	-	-	Coax Connectors, PL259 (K3LP)
Qty 25	-	-	-	PL-258/IMP Coax Female Connectors (K3LP)
-	-	Qty 2	Qty 2	¼ Coax Stubs, 10 Mhz, 3.5 Mhz. and 7 Mhz.(K1LZ)
-	-	Qty 6	Qty 6	T-Connectors (M358F, UHF Tee(F-F-F) Import) for Coax Stubs (K1LZ)
-	Qty 4	Qty 6	Qty 6	RG-8XU Coax or RG-58 Coax Jumpers, 6' (RF Connection /K3LP Donation)
-	500	1,000	1,000	14 AWG or 18 AWG Coated Wire for Radials and Grounds – 2,500 Feet (RA9AAU)
0	Qty 4	Qty 8	Qty 4	Insulators for Wire Antennas (Dipoles/Verticals) (K3LP)
Qty 50	-	-	-	UG-175/U , Reducer for PL-259 for RG-8X coax (K3LP)
-	-	-	-	-

Note:

Coax – We need minimum 300' coax for each radio that will be on the air. 8 radios x 300' = 2,400' coax. We do not want the same issues experienced on VU4.

N8S - Swains Island DX-Pedition 2007

**Equipment List and Quantity by Site #**

By YT1AD & K3LP, Revision: 03/30/07 Rev. F

Page 3 of 5

Kitchen/ Dining Site # 4	Digital/6 Meter Site # 3	SSB Site # 1	CW Site # 2	Equipment Description
<b>Computer Equipment &amp; Phone</b>				
Qty 2	Qty 2	Qty 3	Qty 3	Laptop PC's, Qty 10: - RA9UUA - Qty 3, 2 CW Station and 1SSB Station - YT1AD - Qty 2, SSB Station - K6SRZ - Qty 1, CW Station - N6TQS - Qty 1, Digital Station - YU7NU - Qty 1, Digital Station - K3LP - Qty 1, Main Back-up Support PC - TBD - Qty 1, Spare PC
Qty 1	-	-	-	Satellite Phone, IRIDIUM Phone, (K1LZ, PY5EG & RA9AU) Used for Uploading Logs and Emergency Communications

Kitchen/ Dining Site # 4	Digital/6 Meter Site # 3	SSB Site # 1	CW Site # 2	Equipment Description
<b>Digital Cables</b>				
-	Qty 1	-	-	Cables for Digital Stations , Qty 1 Sets, IC-756 PROIII (N6TQS)
-	Qty 1	-	-	Cables for Digital Stations , Qty 1 Sets, IC-7000 (N6TQS)
-	Qty 1	-	-	Digi interface with cables. Ready for IC-756PROIII or IC-7000. (Vangelis -sv2bfn)
<b>Six Meter Beacon</b>				
-	Qty 1	-	-	6 Meter Beacon (YT1AD) for use with IC-7000

Kitchen/ Dining Site # 4	Digital/6 Meter Site # 3	SSB Site # 1	CW Site # 2	Equipment Description
<b>Operator Personal Supplies (Required)</b>				
Qty 3 per Operator	-	-	-	Toilet paper for 15 days ( 3 Rolls Toilet Paper
Qty 1 per Operator	-	-	-	Bar of Soap
Qty 1 per Operator				Rubber Swim Shoes for walking on coral/rock

N8S - Swains Island DX-Pedition 2007

## Equipment List and Quantity by Site #

By YT1AD & K3LP, Revision: 03/30/07 Rev. F

Page 4 of 5

Kitchen/ Dining Site # 4	Digital/6 Meter Site # 3	SSB Site # 1	CW Site # 2	Equipment Description
<b>Flags and T-Shirts</b>				
Qty 8	-	-	-	Flags; One for each country for member of our team, Size: 2' x 3' or 3' x 4' – Eight Countries: - K3LP - Bring Country Flag - RA3AUU - Bring Country Flag - YT1AD - Bring Country Flag - SV2BFN - Bring Country Flag - UA4HOX - Bring Country Flag - JT1CO - Bring Country Flag - Z32ZM - Bring Country Flag - YU7NU - Bring Country Flag
Qty 25	-	-	-	T-Shirts; ICOM Logo (ICOM)
Qty 25	-	-	-	T-Shirts; N8S DX-Pedition (SV2BFN)
Qty 25	-	-	-	Caps; N8S DX-Pedition (SV2BFN)
Qty 1	-	-	-	NCDXF flag – Alan already has flag (K6SRZ)
<b>Antennas</b>				
-	Qty 1	-	-	40 Meter ¼ Wave Vertical for Digital (N6TQS)
-	-	-	Qty 1	5 Mhz Dipole Antenna (RA9AUU)
-	Qty 1	Qty 1	Qty 1	TW33XL HF Beam (Team Purchase, Qty 3)
-	-	Qty 1	Qty 1	Wire Beverage; 80 & 160 Meters (RA3AUU)
-	Qty 1	Qty 1	Qty 1	TA33M HF Beam (Team Purchase, Qty 3)
-	-	-	Qty 1	4 Square for 40 Meters (K1LZ)
-	Qty 1	-	-	5 Element 6 Meter Mosley Beam for Beacon Qty 1 (Team Purchase/YT1AD) OK on the boat
-	-	-	Qty 1	4 Square for 80 Meters (K1LZ)
-	-	Qty 1	Qty 1	K9AY Low Band Rec. Antennas (Donation/Loan WX0B) Array Solutions
-	-	-	-	160 Vertical – ¼ Wave (Tuned at 1.830 mhz) vertical itself with coil - guy wires (ropes) - mounting plate - 10+ ground radials - 4 support aluminum polls for sand - Covers JA's new band is 1810 - 1825 so <span style="float: right;">(RA9AUU)</span>
-	Qty 2	-	-	Push Up Masts, 50' - Rohn-50 – (N6TQS)
-	-	Qty 3	Qty 3	Push Up Masts, 30' (Jennings)
-	-	Qty 1	-	80 Meter SSB Dipole/Vertical (RA9AUU)
-	-	Qty 1	-	40 Meter SSB Dipole/Vertical (RA9AUU)
-	-	-	-	80/160 Digital Dipole/Vertical (Not Planned)
Qty 1	-	-	-	Antenna Analyzer, MFJ-269 or 259 (K3LP)
-	-	Qty 1	Qty 1	80 Beverage Antenna, (RA9AUU)
-	-	Qty 1	Qty 1	160 Beverage Antenna, 600' (200 meters) Long(Roman UR0MC)
-	Qty 1	-	-	2 Meter Beam (YT1AD) for use with IC-7000
-	Qty 3	Qty 3	Qty 3	Guy Anchors, Each Set has Three (Team Budget)

N8S - Swains Island DX-Pedition 2007

**Equipment List and Quantity by Site #**

By YT1AD & K3LP, Revision: 03/30/07 Rev. F

Page 5 of 5

Kitchen/ Dining Site # 4	Digital/6 Meter Site # 3	SSB Site # 1	CW Site # 2	Equipment Description
<b>Medical Supplies</b>				
Qty 1	-	-	-	Medical Kit (K6SRZ)
Per Member	-	-	-	Completed Medical History form (by Each Team Member)
Qty 90 pills	-	-	-	Sea Sickness Pills - 7 Days Supply x 10 people plus 2 Days Supply x 6 people About 90 pills (K6SRZ)
Qty 1	-	-	-	StatKit (cardiac and advanced life support medications) (K6SRZ)
Qty 1	-	-	-	A splint and IV fluids kit (a soft pack, which will probably be boxed) (K6SRZ)
Qty 1	-	-	-	An oxygen set, also a soft pack (K6SRZ)
Qty 1	-	-	-	Various Medications kit (K6SRZ)
Qty 1	-	-	-	Suture set, bandages, and tape kit (K6SRZ)
Qty 1	-	-	-	Video equipment audio mixer (for video) (K6SRZ)

Kitchen/ Dining Site # 4	Digital/6 Meter Site # 3	SSB Site # 1	CW Site # 2	Equipment Description
<b>Food, Water &amp; Drinks</b>				
720 Liters	-	-	-	Bottled Water – 720 Liters of Water (3 Liters per day per person x 15 days x 16 people) (Jennings)
480 Food Meals	-	-	-	Food Meals 480 meals (Two meals per day x 15 days x 16 people) (Jennings)
Qty 240	-	-	-	Coke/Sprite – 240 bottled soft drinks (1 per day x 16 people x 15 days) (YT1AD Purchase)
Qty 16	-	-	-	White Wine (YT1AD Purchase)
Qty 16	-	-	-	Red Wine (YT1AD Purchase)
-	Qty 5	Qty 5	Qty 5	Mosquito nets for Cot (Each Team member Purchase)
-	Qty 5	Qty 5	Qty 5	White Sheets and Pillow Set (Each Team member Purchase)
<b>Tools, Soldering Iron &amp; Tape</b>				
	1 Set	1 Set	1 Set	Tool Box Set with the following: Qty 1 Phillip Head Screw Driver Qty 1 Flat Head Screw Driver Qty 1 Players Qty 1 Needle Nose Pliers Qty 1 Wire Cutters Qty 1 Jeweler Screw Driver Set (Phillip & Flat head) Qty 1 Allen Wrenches Qty 1 Craftsman 24pc 1/4" Drive Std. Socket & Ratchet Set Qty 1 Std Wrench Set Qty 1 50' Tape Measure  (K3LP Purchase)
Qty 1	-	-	-	Soldering Gun (K3LP Purchase)
2 Rolls	-	-	-	Roll of Solder (K3LP Purchase)
1 Jar	-	-	-	Flux (K3LP Purchase)
-	Qty 6	Qty 8	Qty 8	Black Tape, Rolls (K3LPPurchase)
-	Qty 2	Qty 2	Qty 2	Gray Duck Tape, Rolls (K3LP Purchase)
-	Qty 10	Qty 10	Qty 10	Ty-Wraps (K3LP Purchase)
	Qty 1	Qty 1	Qty 1	String, 500' Roll (Dipole & Wire Antenna support) (K3LP Purchase)
	Qty 1	Qty 1	Qty 1	Rope, 500' Roll (Beam Antenna Mast support) (K3LP Purchase)