

Mark's DXpedition Packing List
(revised 23 OCT 2001)

		IMPORTANCE: 0 least to 5 most		
ITEM	CATEGORY	major DXpedition, several nights with both indoor and outdoor operating possible	primarily car-based local mini-DXpedition, usually a single night	incidental DX during family or job travel, possibly from a hotel room or rental car
Drake R8A	receiver, main	5	5	2
Palstar R30; or Sony ICF-2010 or ICF-SW7600G (incl. batteries)	receiver, back-up	3	3	5
recorder (cassette or minidisc) (incl. patch cord, batteries, media)	recorder	5	4	2
Quantum Loop with batteries, coax. cable	antenna	1	0	5
(qty. 1 or 2) Whip antenna with cable (e.g. MFJ-1024, APW-1) <i>to be powered from phasing unit or regen. box</i>	antenna	2	5	2
(qty. 1 or 2) Broadband Balanced Loop system (Wellbrook ALA-1530, WA1ION BBL-1 car rooftop 1.8m x 1.8m version, or larger) with balun/amp. & cable	antenna	2	4	0
Broadband Terminated Loop system (full-size Kaz/Pennant/K9AY/Flag) with controller, cables, terminator-amp. boxes	antenna	3	0	0
Phasing Unit (Superphaser or DXP type) with cable	antenna	5	5	3
Remotely-Tuned Loop system (Quantum head, homebrew amp-unit, umbilical, controller/regen-unit, coax.) <or> complete Kiwa MW loop system	antenna	2	4	3
regenerative tuner-preselector if not already included with Remotely-Tuned Loop or Phasing Unit	antenna	3	3	2

short roll of wire #1 (length ~ 25 to 60 m / 82 to 200 ft)	antenna	4	5	5
short roll of wire #2 (length ~ 25 to 60 m / 82 to 200 ft)	antenna	2	4	2
long roll of wire #1 (significantly longer than 60 m / 200 ft)	antenna	5	1	0
long roll of wire #2 (significantly longer than 60 m / 200 ft)	antenna	4	1	0
long roll of coaxial cable (40 - 60 m typical) for phasing separated similar antennas	antenna	3	3	0
twisted pair Beverage wire (> 300 m) with Byan controller & terminator	antenna	4	1	0
isolating / matching / noise reducing transformers, in connectorized cases, as required	antenna	4	1	1
ICE splitter(s) with power cord, coax. (for group use of single antenna)	antenna	4	1	0
antenna switch gizmo: 4 or more in's to 2 or more out's: all combinations	antenna	3	1	0
DC car cord (lighter plug to receiver & phaser connectors)	power / interconnect	5	5	3
second DC car cord (lighter plug to receiver & phaser connectors)	power / interconnect	3	4	0
AC cord for main receiver	power / interconnect	5	2	2
extension cord / power strip with 4 or more AC outlets; 2-prong to 3-prong mains adaptor	power / interconnect	5	2	5
AC to DC "wall worts" as required (portable receiver, recorder, phaser, etc.)	power / interconnect	5	2	5
spare batteries of all types used; spare fuses	power / interconnect	4	5	5
flashlights / torches (2 or more) with batteries	support supplies	4	5	3
headphones	support supplies	5	3	5
headphone Y-cable: 2 rx's to 1 pr. stereo headphones	support supplies	4	2	3
kit of RF and audio adaptors (mini & standard phone, RCA phono, BNC, UHF, etc.)	support supplies	5	4	3

clip leads and extra coaxial jumpers	support supplies	5	5	4
small toolkit for field repairs (soldering pencil, diagonal cutters, longnose and slip-joint pliers, small screwdriver set, jeweller's set, electrical tape, solder, Swiss Army knife, X-Acto knife, wire stripper, pocket DMM)	support supplies	5	4	4
compass, GPS, maps / atlas (local streets, regional, and Great Circle world)	support supplies	5	3	4
logbook, pens, pencils	support supplies	5	5	5
accurate watch or clock	support supplies	5	5	5
references - WRTH, NRC Log, NF DX reports / spreadsheets, Whamlog, Boel Eurolist, Portzer PacList, DX News, foreign language dictionaries, // lists, sunrise-sunset & bearings charts, etc.	support supplies	5	5	5
documentation esp. for foreign travel: plane tickets, equipment receipts / manuals, passport, driver's & ham licences, birth certificate	support supplies	4	2	4
seasonal items (winter: boots, gloves, warm clothes) (summer: insect repellent)	support supplies	3	3	3
misc. antenna construction items - ground rods, Beverage supports, bow & arrow / fishing line for antennas in trees, rope, tent stakes, push-up mast, etc.	support supplies	3	1	0
first aid kit, personal care items, drinks / snacks, sleeping bag if needed	support supplies	4	1	4
camera, binoculars	support supplies	2	1	3
laptop computer	support supplies	1	0	1
cellphone, ham HT, CB, and/or personal radio service handheld transceivers	support supplies	1	1	1