



Equipment Catalogue

May 2008
(Edition 9.1)



Oxfam

Humanitarian Department

Cover photograph: Nega Bazezew, Public Health Engineering Advisor, drilling work. Near Abushuk Camp, Darfur.

INTERNAL USE ONLY

May 2008

This catalogue has been produced by the Oxfam GB Humanitarian Department and is primarily intended for use by Oxfam's programme/project managers, technical, logistics and administrative personnel working in emergency projects overseas. It is to help Oxfam staff become better acquainted with the equipment and to facilitate ordering in an efficient and cost-effective way. It is intended this catalogue will be produced on an annual basis.

This Catalogue contains all the specifications for Oxfam GB stock equipment (and some non-stock items).

Please note that items *written in italics* are not Oxfam stock items, but the Logistics Team can order them as required.

Kits that are ordered using the Oxfam codes may differ slightly from those listed in this catalogue, because current stocks at the Oxfam GB Logistics Warehouse must be used before Oxfam can replace kits with those of updated specifications.

This catalogue is also available on CD-ROM and on the Intranet (<http://intranet.oxfam.org.uk/programme/humanitarian/managing/logistics/logsinfo>)

We have included the approximate price and packing specification in this edition. This information is correct at the time of printing.

Your comments on the contents and layout of this catalogue are very welcome. Please send them to logadvise@oxfam.org.uk

Any questions related to the Public Health Promotion kits please contact the PHP Advisers. Any questions related to the logistics / IT and Admin kits please contact the Supply Team.

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OXFAM USE ONLY

This Catalogue should be treated as a Repository of confidential information, for the use of Oxfam personnel. Please do not copy to third parties. In the past, various suppliers have requested a full set of specifications, however we will only share the sections pertinent to that supplier, e.g. part of the Storage Section to tank manufacturers. Where suitable local suppliers are identified, it is suggested that they provide kits/equipment according to Oxfam specifications. If required local suppliers could be given the specification for the item they wish to produce, however in order to preserve the confidentiality of this information, they should not be given specifications for any other kits.

- The development of the equipment is an ongoing concern of Oxfam's Humanitarian Department, which began in the early 1980s. Today we continue, learning from the experience and trying to change the specifications accordingly, in close co-operation with our suppliers.
- We cannot be responsible to third parties for any problems arising during the use of this equipment.
- We cannot expect other people to do the work that we do, regarding the systematic, responsible and caring development of the equipment, i.e. we do not look for the cheapest, but for quality at a reasonable price. The dissemination of these specifications outside of Oxfam, may bring unforeseen problems which are best avoided.

Therefore, except for Oxfam personnel, we will only copy our specifications to our suppliers while ordering their product.

If Partners or other NGO's would like to obtain an Oxfam catalogue, please check with the Oxford Logistics team before accepting by emailing logadvise@oxfam.org.uk

What do the codes mean?

The use of an Oxfam GB Code along with a specification refers to either a kit or an item of equipment.

Most items are held in stock at the Oxfam GB Logistics Warehouse in Bicester.

Other items that are not so commonly used have codes and specifications but they are not held as 'Oxfam stock items'. These are distinguished from Oxfam GB stock items by appearing *in italics* in this document.

Kits/items required for a programme that do not have an Oxfam GB code can still be ordered through the Oxfam GB Logistics Team, but only if complete and accurate specifications are supplied.

The Oxfam GB Code consists of several letters/numbers, which give an indication of what the kit/item is, according to the following designation.

P4-ALLO/1

- P: Packs/equipment categories e.g. P = Pumping Pack
- 4: Capacity e.g. 4 = 4" Pumpset
- ALLO: Makes by different suppliers, which have differences in specification e.g. Atalanta supplied 4" pump, with Lombardini engine
- /1: Number after the slash corresponds to specification modification number, starting from number 1

GUIDELINES FOR ORDERING EQUIPMENT:

1. When ordering non-stock items or large-scale equipment, such as drilling rigs, staff are strongly advised to contact the relevant Oxford PHE adviser before filling out the requisition. The exact specifications must be confirmed before the SR is sent to logistics.
2. Any Orders must be requested by filling a standard Oxfam GB Requisition form, with all information relating to quantities, kit codes (where applicable), full budget code, and consignee address (including telephone and fax numbers), method of transport required given on each requisition. Always **double-check** the requisition to avoid errors.
3. The requisition must be authorised by the appropriate budget holder, and then be given to the local logistics team who will then process it and order the required goods from the appropriate source (next Oxfam office or local suppliers).
4. All orders to be supplied by the Oxfam Logistics Warehouse must be reviewed and emailed to requisition@oxfam.org.uk by the Country Logistics Team or the Regional Logistics Team if the regional office centralise the international orders.
5. Items that are listed in the Catalogue should be identified using the Oxfam GB code and description. Any item(s) required that are a part of Oxfam GB kits, which need to be ordered separately, should be specified in the following way: 2 No Corrugated galvanised steel sheets (item 1 from Oxfam Code T11 – 11 m³ Tank complete) Please refer to current specifications to establish which item number to use. If any item(s) required are not Oxfam stock items, a full description of what is required needs to be given to avoid delays.
6. Where possible try to keep orders for equipment grouped together on a few requisitions, rather than generate a large number of requisitions with one or two items on each. Equipment should be grouped together in the kits/equipment categories, e.g. D for distribution, T for tanks.
7. Please take care to ensure that all orders are clear, complete, and correct at the time of sending. It is difficult to revise orders at a later date.
8. The standard Oxfam GB emergency kits, as listed in the Oxfam GB equipment specifications and in this Catalogue, are designed and stocked for 'off the shelf' use. The Logistics Team can normally supply these items quickly and relatively easily. Any non-standard equipment requested generally takes longer and is more work to supply. A document stating approximate lead-times is accessible on the intranet logistics website:

<http://intranet.oxfam.org.uk/programme/humanitarian/managing/logistics/warehouse>

9. Kits stored at Logistics Warehouse cannot be broken down for the supply of individual items. If a programme wishes to order any item(s) contained within a kit, the orders will be processed by buying from suppliers and will take longer to process. If a programme urgently requires particular item(s) from a kit, it is suggested that they consider paying the extra money and buy the whole kit. This may seem wasteful, but it might be worthwhile to save time. For more details on specifications of kits, please refer to one of the Technical Advisers in the Humanitarian Department in Oxford.

10. Hazardous goods such as chlorine, chemicals, glues, and gas cylinders present extra complications and cost for freighting. They may have to be sent as a separate consignment to other goods.

Note: The equipment described in this catalogue is in accordance with the most recent specifications at time of printing. Equipment to earlier specifications will be provided whilst stocks last.

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1 Admin and Accommodation

Code AAT/1 **Asset Tags**

Approximate unit cost: £136 - 165	
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Description

Item specification

Components included

Item	Qty	Description
1.	1	Roll 1000 or 2000 anodised aluminium foil asset tags, self adhesive, with Oxfam logo. Available in red, green, blue or black.

User notes

Code AC/3**Catering Kit (for 6 people)**

Gross weight: 182kg
 Volume: 1.220 m³
 Approximate unit cost: £1966

**Description**

Kit of items to set up a kitchen and a living area for 6 people. Used to establish a field base for staff.

Item specification**Components included**

Item	Qty	Description
1.	2	Insulated cold box 40 Litre.
2.	1	Insulated cold box 20 Litre.
3.	16	Freezer pack.
4.	3	Robust multifuel pressurised stove.
5.	1	Kettle 4.5 litre.
6.	8	Melamine 4 piece Dinner Service (dinner plate, side plate, bowl, mug).
7.	8	Cutlery set, 4 piece stainless steel.
8.	1	Kitchen knife set (5 knives, scissors).
9.	1	Ladle, stainless steel - catering quality with curl-back handle.
10.	1	Slice, stainless steel - catering quality with curl-back handle.
11.	1	Perforated Spoon - catering quality with curl-back handle.
12.	1	Tin Opener.
13.	1	Potato peeler.
14.	1	Teapot - 3.5 litre.
15.	1	Large Stockpot, two handles with lid.
16.	1	Stewpan, two handles with lid.
17.	1	Maslin Pan - a deep sided, multi purpose pan.
18.	1	Casserole, with lid.
19.	1	Large Frying pan.
20.	6	Foodbox 1 litre.

21.	6	Foodbox 2 litre.
22.	3	Vacuum flask, stainless steel.
23.	3	Camp table, robust leisure quality with solid top.
24.	6	Directors chair, folding with steel frame.
25.	3	Hurricane lamp.
26.	6	Fold a carrier, 15 Litre.
27.	3	Bottle, plastic 1.5 litre.
28.	2	Bucket, plastic 9 litre (2 gallon).
29.	2	Washbowl, plastic.
30.	24	Toilet tissue.
31.	1	Washing line.
32.	40	Clothes pegs.
33.	1	Solar shower.
34.	2	Water filter, stainless steel, British Berkefeld SS4 with candles.
35.	6	Spare sterasyl candles for British Berkefeld SS4.
36.	1	Solar lamp SLK4 including SBG-12110 gel battery (non-hazardous for airfrieght).
37.	1	Mirror, folding.
38.	1	Claw hammer.
39.	1	Nails, 70mm (3"), 1kg.
40.	1	String, 132m, 330 lb breaking strain.
41.	2	Chopping board.
42.	6	Tea towels, linen.

Code ACB/1

Camp Bed

Gross weight: 5kg
Volume: 0.027 m³



Description

Folding camp bed.

Item specification

- Canvas material bed
- aluminium frame
- 3 'X' leg pattern
- 191 x 66 x 41 cm

Components included

Item	Qty	Description
1.	2	Folding camp bed..

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Code ADC/4**Digital Camera Kit**

Gross weight: 2kg
Volume: 0.016 m³

**Description**

Digital camera in carry case, batteries, charger and cables.

Item specification

The make and model and the cost of camera sent may vary. Please refer to the Information Systems intranet site for latest specification (LINK PLEASE).

Digital Camera with:

- Smooth digital zoom
- Compact flash card
- USB cable
- Video cable

Components included

Item	Qty	Description
1.	1	Digital Camera.
2.	1	Case.
3.	1	Charger, rechargeable NiMH batteries with battery charger and universal plug.
4.	1	Spare memory card.

Code ADP/1

Data Projector

Approximate unit cost: £640



Description

Item specification

Accepts most forms of video inputs including PAL, NTSC, RGB and S video.

Components included

Item	Qty	Description
1.	1	Data Projector complete with power and data leads.
2.	1	Remote Control with Battery.
3.	1	Carry Case.
4.	Optional:.	
5.	1	Spare Projector Bulb (approx cost £260).
6.	1	Extended Warranty.

User notes

Accepts most forms of video inputs including PAL, NTSC, RGB and S video.

Code ALA/1

Laminator Kit

Gross weight: 4kg
 Volume: 0.02 m³
 Approximate unit cost: £110



Description

Item specification

Components included

Item	Qty	Description
1.	1	Laminator, A4, with power cord.
2.	1	150 micron laminating pouches, A4, 100 per.
3.	1	Badge Pouches 360 micron, 50 per.

Code ALP/18 **Laptop Computer**

Gross weight: 8kg
 Volume: 0.108 m³
 Approximate unit cost: £840



Description

Item specification

Laptop computer with set of standard office software including Windows, Microsoft Office Pro (with Word and Excel), Lotus Notes or cc:Mail

- 2GB PC2 5300 SDRam, 160GB HDD
- Integrated data/fax modem
- CDRW/DVD ROM
- Built-in network adaptor 100 BaseTx and 10 BaseT
- Cable RJ11 (M) to RJ11 (M) with US to UK telephone adapter
- Charger fitted with 2-pin plug

NOTE: The model and make of laptop and standard set of software loaded will change with availability and on recommendations from the Oxfam IS Department.
 Current model is: Lenovo T400

Components included

Item	Qty	Description
1.	1	Laptop Computer.
2.	1	Backpack.
3.	1	CDRW 5 pack disks slim case.
4.	1	3-pin to 2-pin Universal Plug Adapter.

1 Admin and Accommodation

- | | | |
|-----|---|---|
| 5. | 1 | Surge Protector plug – PP1 pulse protector with light indicator. Internal three-mode surge protection (L-N, L-E, N-E). Maximum current surge handling of 8/20us. Noise free operation with automatic reset. Conforms to BS1363 and BS6651 Appendix C. |
| 6. | 1 | USB mouse, two buttons with scroll wheel. |
| 7. | 1 | USB Flash Memory. |
| 8. | 1 | Laptop Desk Lock. |
| 9. | Additional items, only supplied when requested: | |
| 10. | | Serial/USB Adapter. |
| 11. | | 12 V DC to 220 V AC 'Mastervolt' Inverter capable of powering laptop, and printer. 250 W portable type – with 2 x 13 A UK socket outlets. Trapezoidal output wave. Supplied with a 3m length of cable terminated with crocodile clips.. |
| 12. | | 13 A automatic voltage switcher (AVS), fitted with 2 pin input plug, outlet via a 13 amp UK-type socket, outlet 3 pin (Oxfam code AVS). |

User notes

Laptop computer with set of standard office software including Windows, Microsoft Office Pro (with Word and Excel), Lotus Notes or cc:Mail

- 2GB PC2 5300 SDRam, 160GB HDD
- Integrated data/fax modem
- CDRW/DVD ROM
- Built-in network adaptor 100 BaseTx and 10 BaseT
- Cable RJ11 (M) to RJ11 (M) with US to UK telephone adapter
- Charger fitted with 2-pin plug

NOTE: The model and make of laptop and standard set of software loaded will change with availability and on recommendations from the Oxfam IS Department.

Current model is: Lenovo T400

Code ALS/1**Logistics Start-up Kit**

Gross weight: 78kg
 Volume: 0.271 m³
 Approximate unit cost: £752.47

**Description**

The ALS kit contains the items required to set up a Logistics office and warehouse. It is for use in a first phase response and for new or existing offices that cannot obtain the items locally.

Item specification**Components included**

Item	Qty	Description
1.	3	Logistics and Supply Procedures Manual.
2.	3	Communications manual.
3.	3	Equipment Catalogue.
4.	1	Stationery Kit (Comprehensive).
5.	3	Satellite Phone Procedures and Costs.
6.	3	Intranet CD.
7.	1	Tape Gun (For use with "AOT" tape).
8.	12	Safety Gloves.
9.	1	Interlocking Stencils Set 50mm A-Z.
10.	1	Interlocking Stencils Set 50mm 1-9.
11.	1	Stencil Ink & Brush Kit.
12.	2	Oxfam Logistics Stamp.
13.	5	Receipt Book.
14.	100	Bin Card.
15.	5	Requisition Book.
16.	5	Request For Quotation Book.
17.	5	Purchase Order Book.
18.	5	Stock Request Book.
19.	5	Waybill Book.
20.	5	Goods Received Note Book.

- 21. 5 Payment Voucher Book.
- 22. 1 Travel Adaptor 3 pin to 2 pin.
- 23. 10 Oxfam logo tape.
- 24. 10 Large Vehicle Sticker.
- 25. 10 Small Vehicle Sticker.
- 26. 10 No Guns Sticker.
- 27. 5 Vehicle Log Book.

Code ALT/3 Tent, Large - for use as an Office, Store or Clinic

Gross weight: 130kg
 Volume: .452 m³
 Approximate unit cost: £613



Description

A heavy duty frame tent, 5m long x 5.5m x 250m high with two openings. Suitable for use as an office, warehouse, field clinic, accommodation etc.

Item specification

Frame tent complete, approx dimensions, 5.5 m long, 5 m wide, 2.50 m high to centre.
 Features:

- Single roof rectangular tent with two entrances
- Ground surface: 27.5 m²
- Maximum capacity: 12 persons
- Length: 550 cm, width: 500 cm
- Central Height: 250 cm, wall height: 180 cm
- Tent material: 50/50 polycotton waterproof and anti-rot, white. Life duration: Minimum 1-year in tropical climates
- GSM*??*: 430 g/m²
- Ground sheet: polyester covered with PVC, 550 g/m², white
- Frame: steel galvanised tubes
- 4 windows, 60 x 60 cm, with mosquito net and flap
- Two small openings for electric cables
- Cover strip - for joining two tents
- Can be closed from the inside or outside with sturdy buttons (two rows) and overlaps
- The tent is secured via elastic tighteners aligned along both sides, and a storm cable at each corner

Components included

Item	Qty	Description
1.	1	Tent.
2.	1	Waterproof anti-rot bag with six carrying handles containing:.

User notes

Frame tent complete, approx dimensions, 5.5 m long, 5 m wide, 2.50 m high to centre.
 Features:

1 Admin and Accommodation

- Single roof rectangular tent with two entrances
- Ground surface: 27.5 m²
- Maximum capacity: 12 persons
- Length: 550 cm, width: 500 cm
- Central Height: 250 cm, wall height: 180 cm
- Tent material: 50/50 polycotton waterproof and anti-rot, white. Life duration: Minimum 1-year in tropical climates
- GSM*??*: 430 g/m²
- Ground sheet: polyester covered with PVC, 550 g/m², white
- Frame: steel galvanised tubes
- 4 windows, 60 × 60 cm, with mosquito net and flap
- Two small openings for electric cables
- Cover strip - for joining two tents
- Can be closed from the inside or outside with sturdy buttons (two rows) and overlaps
- The tent is secured via elastic tighteners aligned along both sides, and a storm cable at each corner

Code AND/2**Mosquito Net, Double**

Gross weight: 0.5kg
 Volume: .0046 m³
 Approximate unit cost: £4.71

**Description**

A long lasting, insecticide-impregnated mosquito net. Used for programme staff living quarters and field accommodation.

Item specification

- Double mosquito net - 160 x 180 x 150 cms
- Made of 100% polyester
- Permanet is impregnated with deltamethrin at the rate of 55mg/m² Deltamethrin has undergone the WHO Pesticide Evaluation Scheme (WHOPES)
- Permanent maintains efficiency for more than 20 washes


Components included

Item	Qty	Description
1.	1	Mosquito net.
2.	20	Light weight string suitable for suspending mosquito net.
3.	6	2" nails to be used as fixing points for net.

User notes

- Double mosquito net - 160 x 180 x 150 cms
- Made of 100% polyester
- Permanet is impregnated with deltamethrin at the rate of 55mg/m² Deltamethrin has undergone the WHO Pesticide Evaluation Scheme (WHOPES)
- Permanent maintains efficiency for more than 20 washes

Code AOS/1 **Oxfam T-Shirts**

<p>Gross weight: 0.1kg Volume: 0.000 m³</p>	
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Description

Light grey, cotton, t-shirt with Oxfam logo. Used by staff and volunteers in the field.

Item specification

Oxfam logo in green (PMS376**???) on front, back and right sleeve.

(Front and back – logo 9 cm dia. and lettering 5 cm high. Sleeve – logo 3.5 cm dia. and lettering 1.5 cm high)

Components included

Item	Qty	Description
1.	1	Medium – chest size 97–106 cm.
2.	1	Large – chest size 106–112 cm.
3.	1	Extra large – chest size 114–117 cm.

User notes

Oxfam logo in green (PMS376**???) on front, back and right sleeve.

(Front and back – logo 9 cm dia. and lettering 5 cm high. Sleeve – logo 3.5 cm dia. and lettering 1.5 cm high)

Code AOT/1

Oxfam Logo Tape

Gross weight: 0.3kg
 Volume: 0.001 m³
 Approximate unit cost: £1.46



Description

Oxfam logo adhesive tape, 5 cm wide, white with green (PMS376) logo. For packing and identifying goods.

Item specification

Components included

Item	Qty	Description
1.	1	Oxfam Logo tape.

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Code AP/3**Personal Equipment for One Person**

Gross weight: 42kg
 Volume: 0.49 m³
 Approximate unit cost: £742.54

**Description**

Personal equipment used to equip living accommodation in the first phase of an emergency response.

Item specification**Components included**

Item	Qty	Description
1.	1	Storage box – lockable, aluminium.
2.	1	Padlock and 3 keys.
3.	1	Elite 2 – two-season sleeping bag.
4.	1	Sleeping bag liner, poly-cotton.
5.	1	Laken rigid plastic 1.5 litre water bottle.
6.	1	Petzl Head Torch – 4 high output LEDS for 150 hrs use on 3 x AAA batteries.
7.	6	AAA batteries.
8.	1	Sunblock – Uvistat factor 30.
9.	1	Victorinox knife (Recruit).
10.	1	Directors chair.
11.	2	Insect repellent – Repel liquid.
12.	2	Micropur MT1 (50 tablets/pack).
13.	1	Water fold-a carrier 15 litres.
14.	1	Mosquito net (permethrine treated to WHO spec) – 9m circle **!!** really?.
15.	1	Permethrin treatment kit.
16.	1	Camp bed – 'X' leg aluminium pattern.

- 17. 1 BP solar lantern SL48 **??**.
- 18. 1 Mirror – folding, travel.
- 19. 1 String – 132 metres, 330 lb breaking strain.

User notes

Code APC/3**Photocopier Kit**

Gross weight:	41kg
Volume:	0.17 m ³
Approximate unit cost:	£557

Description

Canon IR 1018 Desktop digital black and white copier / printer and colour scanner with duplex function.

Item specification

- Fully networkable for office setup or single PC/laptop connection via Ethernet & USB port.
- 18 copies per minute
- 600 dpi digital copy print quality
- 500 sheet A4/A5 paper tray
- 128mb RAM

Components included

Item	Qty	Description
1.	1	Printer.
2.	2	Spare Toner Cartridge (7000 print yield).
3.	1	USB Printer Cable.
4.	1	Box A4 copier paper (2500 sheets).
5.	1	13A AVS automatic voltage switcher, fitted with 3-pin plug.
6.	1	3 pin to 2 pin Universal Plug Adapter.

Code APR/3**Portable Printer Kit**

Gross weight: 4kg
 Volume: 0.018 m³
 Approximate unit cost: £248

**Description**

Portable, mains or battery powered printer. Used to equip temporary offices or field bases.

Item specification

The model and make of printer depicted may be replaced by a similar model from one of the major manufacturers, with recommendations from the Information Systems Department in Oxfam.

Features

- Rechargable battery
- Colour and monochrome printing

Components included

Item	Qty	Description
1.	1	Portable printer with printer cable and rechargable battery.
2.	1	Additional battery for printer.
3.	2	Spare cartridges for printer (1 colour, 1 black & white).
4.	1	3-pin to 2-pin Universal Plug Adapter.

Code APW/1 Personal Equipment for one Person - Winterised

Approximate unit cost: £311

Description

High quality camping equipment to provide comfortable living for one person.

Item specification

- Sleeping Bag, 4 season, for sub zero temperatures (down to -17°C). Weight 2.26 kg.
- Insulated Sleeping Mat - a compact closed-cell foam pad that folds quickly into a tight easy to pack unit. Comfortable insulator
- Tent, 4 seasons, suited for mountain environments. Large sleeping quarters in inner tent with spacious storage area. Fire retardant materials. Weight 5.45kg, 415cm x 170cm footprint.
- Gas Heater for use in tent.

Components included

Item	Qty	Description
1.	1	Sleeping Bag.
2.	1	Insulated Sleeping Mat.
3.	1	Tent.
4.	1	Gas Heater.

User notes

- Sleeping Bag, 4 season, for sub zero temperatures (down to -17°C). Weight 2.26 kg.
- Insulated Sleeping Mat - a compact closed-cell foam pad that folds quickly into a tight easy to pack unit. Comfortable insulator
- Tent, 4 seasons, suited for mountain environments. Large sleeping quarters in inner tent with spacious storage area. Fire retardant materials. Weight 5.45kg, 415cm x 170cm footprint.
- Gas Heater for use in tent.

21.	10	Stapler.
22.	1	Staples for above, box of 5000.
23.	1	Heavy duty stapler.
24.	1	Staples for above, box of 5000.
25.	10	Staple remover.
26.	6	Clear adhesive tape.
27.	10	Two ring binders, green.
28.	10	Two ring binders, red.
29.	10	Two ring binders, black.
30.	20	Carry file wallets, blue.
31.	2	Elasticated folder.
32.	20	Magazine racks, black.
33.	30	Dividers.
34.	3	Pens, medium, blue, box of 20.
35.	3	Pens, medium, black, box of 20.
36.	3	Pens, medium, red, box of 20.
37.	2	Pens, medium, green, box of 20.
38.	1	Pens, roller ball, black, box of 10.
39.	1	Highlighter pens, yellow, box of 10.
40.	1	Highlighter pens, pink, box of 10.
41.	1	Highlighter pens, green, box of 10.
42.	1	Marker pens, black, box of 12.
43.	1	Dry wipe marker, black, box of 10.
44.	1	Dry wipe marker, red, box of 10.
45.	1	Dry wipe marker, blue, box of 10.
46.	1	Pencils, box of 12.
47.	10	Correction fluid.
48.	5	Triplicate book.
49.	10	Notebook.
50.	10	A4 refill pads, pack of 10.
51.	3	Plastic wallets, clear, pack of 100.
52.	2	Post-it notes, pack of 12.
53.	2	A4 paper for copiers.
54.	3	Petty cash book.
55.	2	Security name badges, pack of 100.
56.	2	Cash box.
57.	1	C4 Envelopes, manilla, box of 250.
58.	1	DL Envelopes, manilla, pack of 50.
59.	1	CDRW Disks 700Mb pack of 10.
60.	5	Keyrings, box of 10.

Code ASB/1 **Sleeping Bag**

Gross weight: 2kg
 Volume: 0.019 m³
 Approximate unit cost: £20.93



Description

Three-season sleeping bag 'Elite 2'

Item specification

- Mummy shaped (tapered) 214 × 68 cm (length × shoulder, external dimensions)
- Weight 1.8 kg
- Full-length double zip, cowl hood, zip and shoulder baffles, complete with stuff sack
- Nylon outer, cotton inner, double layer hollow fibre insulation (no through stitching)
- Nominal rating to -5°C

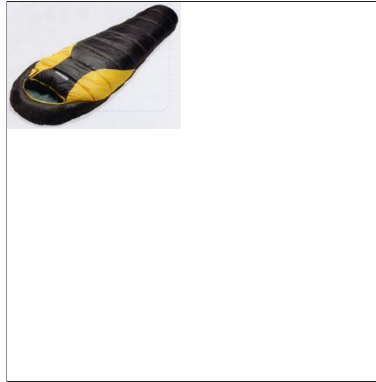
Components included

Item	Qty	Description
1.	1	Sleeping Bag.

1 Admin and Accommodation

Code ASBW/1 **Sleeping Bag - Winterised**

Gross weight: 2.3kg
 Volume: 0.03 m³
 Approximate unit cost: £32



Description

Four-season sleeping bag for sub-zero temperatures (down to -17°C)

Item specification

- Outer shell 210T Ripstop Polyester
- Inner Lining Polycotton
- Construction Double Layer
- Stitching Method Offset
- Insulation Hollow Fibre
- Zip 2-way with insulated zip baffle and anti-s snag tape and NiteGlow zip pulls
- Stuff Sack compression
- Security pocket velcro closure
- Shoulder baffle for greater heat retention

Components included

Item	Qty	Description
1.	1	Sleeping Bag - Winterised.

User notes

- Outer shell 210T Ripstop Polyester
- Inner Lining Polycotton
- Construction Double Layer
- Stitching Method Offset
- Insulation Hollow Fibre
- Zip 2-way with insulated zip baffle and anti-s snag tape and NiteGlow zip pulls
- Stuff Sack compression
- Security pocket velcro closure

- Shoulder baffle for greater heat retention

1 Admin and Accommodation

Code ASHK/3**Staff Health Kit**

Gross weight: 0.8kg
 Volume: 0.004 m³
 Approximate unit cost: £29.67

**Description**

This kit is issued to travellers going to areas where first aid items are difficult or impossible to obtain. In areas where first aid equipment is difficult to obtain, all staff travelling outside an urban area should have access to a first aid travel kit to take on their journey. This kit is only available from the Staff Health Service in Oxford, and will only be issued to the person actually travelling.

Item specification**Components included**

Item	Qty	Description
1.	1	Crepe bandage, cotton, 5 cm × 4 m.
2.	1	Triangular bandage, woven I/W.
3.	1	Leuko-strip closures, 4 × 76 mm.
4.	20	Washproof plasters, assorted JWS.
5.	1	Leukopor tape, 1.25 cm × 9.2 m in mini-grip bag.
6.	1	Washproof dressing strip, 7.5 cm × 1 m.
7.	7	Antiseptic wipes, non-alcohol.
8.	1	Skintac non-adherent dressing, 5 × 5 cm.
9.	2	Wound dressing.
10.	2	Eye pad with bandage, no. 16.
11.	1	Tempa Dot Thermometer, disposable.
12.	1	Scissors 5" B/S, stainless steel.
13.	1	Forceps splinter 4½" Martins, stainless steel.
14.	1	Gloves, latex, medium – in mini grip bag.
15.	1	Centrimide cream, 50 g – antiseptic.

- | | | |
|-----|---|---|
| 16. | 1 | Anthisan cream, 25 g – antihistamine. |
| 17. | 1 | Canestan cream 1%, 20 g – antifungal. |
| 18. | 1 | Insect repellent stick, 25 g. |
| 19. | 8 | Betadine paint, 8 ml. |
| 20. | 1 | Dioralyte sachets, natural – rehydration salts. |
| 21. | 1 | Imodium capsules, pack of 8 – for diarrhoea. |
| 22. | 1 | Asprin tablets, 300 mg, pack of 32. |
| 23. | 1 | Paracetamol tablets, 500 mg, pack of 32. |
| 24. | 1 | Senocot tablets, pack of 20 – for constipation. |
| 25. | 1 | Puritabs, water purifying tablets, pack of 12. |
| 26. | 1 | Isolide MTM device. |
| 27. | 3 | First Aid Guidance Notes (UK Health & Safety Executive). |
| 28. | 1 | Oxfam emergency suture and injection pack (Oxfam code ASK) in mini grip bag, containing:. |
| 29. | 1 | List of contents and Oxfam User’s Notes. |
| 30. | 1 | Navy blue zipped pouch containing all the above items. |

User notes

Code ASL/1**Solar Lantern****Description**

BP SL48 Solar Lantern, with solar module, rechargeable battery pack and 8 watt fluorescent tube, all in a tough polycarbonate case

Item specification

- 8-watt fluorescent, equivalent to 40-watt incandescent
- 6v battery pack and inverter and a typical life of 3 years.
- Up to 5 hours use from a single days charge

Components included

Item	Qty	Description
1.	1	Solar Lantern.

User notes

- 8-watt fluorescent, equivalent to 40-watt incandescent
- 6v battery pack and inverter and a typical life of 3 years.
- Up to 5 hours use from a single days charge

Code ASTDD/3 Tent, Double Dome for mixed Conditions

Gross weight: 19kg	
Volume: 0.076 m ³	
Approximate unit cost: £130	

Description

Item specification

- Materials: polyester flysheet, breathable polyester inner tent, polyethylene groundsheet. Steel poles
- Overall size: 550 cm x 230 cm x 200cm
- Weight: 18.5 kg
- The main structure provides a central area for sitting or eating with entrances on both sides. Two inner tents make the sleeping compartments.
- Window vents on both entrance panels and front and rear doors.

Components included

Item	Qty	Description
1.	1	Double Dome Tent.

User notes

- Materials: polyester flysheet, breathable polyester inner tent, polyethylene groundsheet. Steel poles
- Overall size: 550 cm x 230 cm x 200cm
- Weight: 18.5 kg
- The main structure provides a central area for sitting or eating with entrances on both sides. Two inner tents make the sleeping compartments.
- Window vents on both entrance panels and front and rear doors.

Code ASTMW/1 Tent, Small - Individual Dome, Winterised

Gross weight:	5.25kg	
Volume:	0.016 m ³	
Approximate unit cost:	£150	

Description

A medium sized tent with sleeping compartment and storage area and 2 entrances to be used in extreme cold situations e.g. alpine or mountainous areas

Item specification

- 210T P.U. coated Ripstop Nylon Flysheet proofed to 5000mm hydrostatic head.
- Taped seams.
- Continuous mesh pole sleeves. Doors each end with 2 x 2 way zips with zip locks, allowing doors to be rolled up or down. 4 way opening facility.
- Ventilation each end with guyed vent covers. Toned guys.
- 7001 T6 Alloy poles and Alloy Pegs.
- Breathable Nylon Inner. Nylon mesh doors each end with door stowage pockets. Ventilation panel. Stowage pockets.
- Quick release system links inner to flysheet pegging points.
- 210T P.U. coated Nylon Groundsheet proofed to 5000mm hydrostatic head.
- Deep tray construction.

Components included

Item	Qty	Description
1.	1	Tent.

Code ATK/3	Emergency Transfusion Kit
-------------------	----------------------------------

Gross weight: 15kg Volume: 0.008 m ³ Approximate unit cost: £32.24	
---	--

Description

This kit is only available from the Staff Health Service in Oxford, and will only be issued to the person actually travelling.

Item specification

Components included

Item	Qty	Description
1.	2	IV administration.
2.	2	2 ml syringes.
3.	5	Medipreps.
4.	2	5 ml syringes.
5.	2	21g needles.
6.	2	23g needles.
7.	2	25g needles.
8.	2	Adult intravenous cannulas.
9.	1	Suture and needle kit.
10.	3	Steristrips for wound closure.
11.	2	Gloves.
12.	2	Gauze swabs.
13.	1	Micro pore tape.
14.	1	Zinc Oxide Tape (1.25cm).
15.	5	Small sterile dressings.
16.	1	Scissors.
17.	2	500 ml bottles of IV fluid.

User notes

Code AUP/1 Universal Adaptor 3-Pin to 2-Pin

Gross weight:	0.1kg	
Volume:	0.000 m ³	
Approximate unit cost:	£5.85	

Description

The TRA-3 travel plug takes 13 A (3-pin) and 5 A (2-pin) electric plugs for earthed and non-earthed appliances.

Item specification

Components included

Item	Qty	Description
1.	1	3-pin (UK) to 2-pin universal adapter.

1 Admin and Accommodation

Code AUP2/1 **Travel Adaptor 2-Pin to 3-Pin**

Gross weight: 0.1kg	
Volume: 0.000 m ³	
Approximate unit cost: £3.33	

Description

Travel Adapter TCN-03 tested to British Standard (BS5733) for use with electrical appliances rated up to 13 A

Item specification

Components included

Item	Qty	Description
1.	1	2-pin to 3-pin (UK) Travel Adapter.

1 Admin and Accommodation

Code AVS/1 Automatic Voltage Switcher 13A

Gross weight:	0.6kg
Volume:	0.001 m ³
Approximate unit cost:	£56.05

Description

For protection of electrical appliances from unreliable mains, or generator. Fitted with a UK 3-pin plug.

Item specification**Components included**

Item	Qty	Description
1.	1	Automatic voltage switcher.

User notes

Code AX1B/1**Water Filter SS4**

Gross weight:	3kg
Volume:	0.023 m ³
Approximate unit cost:	£42.32

Description

Berkefeld Stainless Steel Gravity Water Filter for use where a mains water supply does not exist or is unreliable, to provide clean safe water for drinking or cooking

Item specification

- Capacity: 9 litres.
- Output per 24 hours: 80 litres

Components included

Item	Qty	Description
1.	1	Water Filter.
2.	4	Super Sterasyl elements (18cm size).
3.	1	Tap.

User notes

- Capacity: 9 litres.
- Output per 24 hours: 80 litres

Code AZF/1 Super Sterasyl Candle for Code AX1B Water Filter

Gross weight:	0kg	
Volume:	0.000 m ³	
Approximate unit cost:	£4.85	

Description

Super Sterasyl Element (18 cm) designed for use in all the Berkefeld Gravity Water Filters. Reduces to safe levels: bacteria, cysts, chlorine, rust and sediment, taste & odour, organic chemicals

Item specification

Supplied on long (1 5/8") plastic mounts terminating in a ¼" BSP male thread. Wingnuts and sealing washers are supplied for each element.

Components included

Item	Qty	Description
1.	1	Super Sterasyl Element (18 cm).

1 Admin and Accommodation

section 2: Clothing and Blankets

There are no products in this section yet...

2 Clothing and Blankets

section 3: Fittings

There are no products in this section yet...

3 Fittings

section 4: Health and Hygiene

There are no products in this section yet...

4. Health and Hygiene

section 5: Communications

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Code KBGAN/2 Broadband Global Area Network

Gross weight: 1.43kg
 Volume: 0.022 m³
 Approximate unit cost: £34



5 Communications

Description

A portable device designed to provide high-speed voice and data communications almost anywhere in the world. The BGAN unit is connected to a laptop and pointed to a satellite that provides connection to the Internet. This will enable the user to use email and Peoplesoft as well as make an international telephone call, using a standard analogue telephone connected to the BGAN.

Item specification

Thrane and Thrane Explorer 500 Broadband Global Area Network (BGAN)

Inmarsat Broadband Global Area Network portable device

data transfer up to 464 kbps

10-16VDC

Weight <1.5kgs (<3.3lbs)

Dimensions Length: 217mm (8.5”) Width: 217mm (8.5”) Depth: 52mm (2.0”)

Interfaces USB Ethernet Bluetooth (up to 100m) - Supported profiles - Service discovery application - Serial port - Dial-up networking - LAN access - Cordless telephony RJ11

User access Activated via 3G compatible SIM card

User interfaces PC BGAN LaunchPad Built-in web-server On Terminal Terminal control buttons and LCD

Power supply AC/ DC

External power 15 Volts DC, 100 – 240 Volts AC (47-63Hz)

Battery life Transmit: 1.5 hours at 144kbps Stand-by time: 36 hours

Battery type Lithium-ion. Rechargeable

Input voltage 10-16 Volts DC Tolerances Ambient operating temperature Powered from external DC -25°C to +55°C (+13°F to +131°F) Powered by battery only 0°C to +55°C (+32°F to +131°F)

Charging temp 0°C to +45°C (+32°F to +113°F)

Operating humidity Relative Humidity: 95% non-condensing at +40°C (+104°F)

Water and dust ingress protection

IP 54

Radio specifications

Maximum radiated +15.1dBW +-1dBpower (EIRP)

Supported operating systems Operating system Windows: 2000, XP MAC: OS 10.1 or later Linux: Redhat 9

Thrane and Thrane 2 Wire Analogue PSTN handset

Standard: Analogue PSTN

Telephone line connection: RJ11

Dimensions: 140x50x30mm / 5.5x2x1.2inches

Handset outlet: Female, 2.5mm

Coil cord (total length): 4.1m / 13.5ft

Weight: 160g / 0.4lbs (incl. coil cord, excl. batteries)

Battery type: 3 pcs of type AAA (supplied)

Battery consumption: 430mA (standby mode)

Display LCD: LCD 14-digits + 16 characters

Protection category: IP54, splashproof and dustproof

Components included

Item	Qty	Description
1.	1	Thrane and Thrane Explorer 500 Broadband Global Area Network (BGAN).
2.	1	Thrane and Thrane 2 Wire Analogue PSTN handset.
3.	1	Explorer 500 Car charger cable with cigarette lighter plug.
4.	1	Battery: Lithium Ion rechargeable.
5.	1	power supply. 100 to 240 VAC input, 15VDC output.
6.	1	LAN cable, 2m.
7.	1	USB cable, 2m.
8.	1	Explorer 500, canvas bag.

User notes

Thrane and Thrane Explorer 500 Broadband Global Area Network (BGAN)

Inmarsat Broadband Global Area Network portable device

data transfer up to 464 kbps

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Power supply AC/ DC

5 Communications

External power 15 Volts DC, 100 – 240 Volts AC (47-63Hz)

Battery life Transmit: 1.5 hours at 144kbps Stand-by time: 36 hours

Battery type Lithium-ion. Rechargeable

Input voltage 10-16 Volts DC Tolerances Ambient operating temperature Powered from external DC -25°C to +55°C (+13°F to +131°F) Powered by battery only 0°C to +55°C (+32°F to +131°F)

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Operating humidity Relative Humidity: 95% non-condensing at +40°C (+104°F)

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Standard: Analogue PSTN

Telephone line connection: RJ11

Dimensions: 140x50x30mm / 5.5x2x1.2inches

Handset outlet: Female, 2.5mm

Coil cord (total length): 4.1m / 13.5ft

Weight: 160g / 0.4lbs (incl. coil cord, excl. batteries)

Battery type: 3 pcs of type AAA (supplied)

Battery consumption: 430mA (standby mode)

Display LCD: LCD 14-digits + 16 characters

Protection category: IP54, splashproof and dustproof

5 Communications

Code KEFC/1 Emergency Field Communications Kit



Description

Kit to provide simultaneous voice and data communications over BGAN with broadband speed data transfer. The kit is lightweight, robust and reliable, is easy to setup and use and gives global coverage OR...A portable kit designed to provide high-speed voice and data communications almost anywhere in the world with limited or no power supply. The BGAN unit in the kit is connected to the laptop, and then pointed to a satellite that provides the connection to the Internet. This will enable the user to use email and Peoplesoft as well as make an international telephone call using a standard analogue telephone connected to the BGAN. Also, the kit includes a standard mobile phone enabled to operate in most countries in the world. The power adaptor kit ensures that the components can be powered from conventional mains and vehicle sources (wall and/or vehicle cigarette lighter) or from the sun using the solar charger included in the bag. A User Guide for set-up and operation is included in the kit.

Item specification

BGAN Explorer by Thrane & Thrane

- Simultaneous voice and data communications over BGAN
- High-speed data transfer up to 464 kbps
- Support for streaming IP at 32, 64, 128 kbps
- seamless global coverage
- High-speed data transfer up to 464 kbps
- Standard LAN, USB, Bluetooth and phone/fax interfaces
- provides internet to a single machine or can be connected to a network hub (not included)
- Easy system setup and operation Lightweight, splash and dust proof design Robust, reliable and durable design

Components included

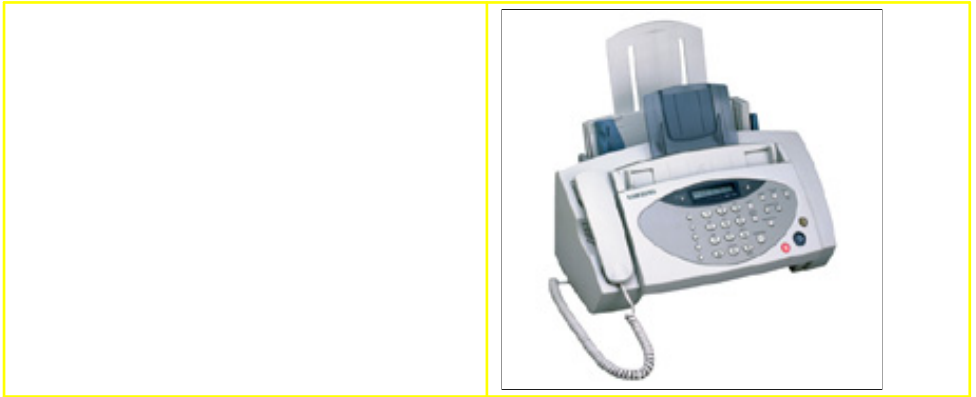
Item	Qty	Description
1.	1	BGAN satellite device.
2.	1	Telephone handset to be used with BGAN.
3.	1	Solar panel 48W.
4.	1	Universal power adaptor with different connectors.
5.	1	Universal battery pack.
6.	1	Standard Oxfam Laptop (still included ** is it or not? See user notes!!**).

User notes

BGAN Explorer by Thrane & Thrane

- Simultaneous voice and data communications over BGAN
- High-speed data transfer up to 464 kbps
- Support for streaming IP at 32, 64, 128 kbps
- seamless global coverage
- High-speed data transfer up to 464 kbps
- Standard LAN, USB, Bluetooth and phone/fax interfaces
- provides internet to a single machine or can be connected to a network hub (not included)
- Easy system setup and operation Lightweight, splash and dust proof design Robust, reliable and durable design

Code KFX/5 Office Fax Machine



Description

A fast, efficient, laser fax offering reliability and ease-of-use, rapid and high quality transmission, a large fax memory plus a range of convenient features.

Item specification

Please note that since fax machine models are updated regularly, a similar model from one of the major manufacturers may replace this unit.

Model currently offered:

i-SENSYS FAX-L100

Components included

Item	Qty	Description
1.	1	A4 plain paper laser fax Fast Super G3 modem, 3sec./page* transmission 340-page* fax memory Canon's Ultra High Quality technology 30-page Automatic Document Feeder All-in-One cartridge.
2.	2	Replacement cartridges.
3.	1	Automatic voltage switcher.
4.	1	Universal 3 pin to 2 pin adaptor.

Code KHB/7

HF Radio Base Station



Description

HF Radio to provide medium range (**???) voice communications from a field base location to other field bases & vehicles.

Item specification

Frequency range: 1.6-30 MHz

400 channels

Power output: 125W PEP

Power input: 12V DC

Modes: USB/LSB/AM

in-built Easitalk speech processing

Call types: Emergency, Selective, Phone, Message (64 characters), Morse

Scanning

Handset programming

Remote Diagnostics

Meets MIL-STD 810 for shock & vibration, can be used in remote control configurations

Optional Extras:

5 Communications

- GPS
- FAX
- Data
- CALM (Codan Automated Link Management) - compatible with FED-STD-1045 ALE systems

Components included

Item	Qty	Description
1.		Codan . NGT SRx Desktop Transceiver
2.	1	RF Unit.
3.	1	Handset & Speaker.
4.	1	Desk Console with hand PTT switch, goose-neck microphone and in-built headphone output & cables.
5.	1	Junction Connector with 6m Control Cable.
6.	1	Loudspeaker.
7.		Antenna .
8.	1	Multiwire Broadband Antenna 250W PEP (125W average). Requires minimum of 30m mast spacing. Completely assembled. Comes with inverted V mounting arm & full installation instructions.
9.	30	Coaxial cable Assembly (RG58) fitted with UHF type weatherproof connectors.
10.		Power .
11.	1	Cable Kit for uninterrupted supply to battery from suitable charging unit. Suitable for un-interrupted power supply Codan 3020 (as provided with KP kit).
12.	1	Bulkhead mounting fuse holder for transceiver DC power cord - supplied with 32A fuse.

User notes

Frequency range: 1.6-30 MHz

400 channels

Power output: 125W PEP

Power input: 12V DC

Modes: USB/LSB/AM

in-built Easitalk speech processing

Call types: Emergency, Selective, Phone, Message (64 characters), Morse

Scanning

Handset programming

Remote Diagnostics

Meets MIL-STD 810 for shock & vibration, can be used in remote control configurations

Optional Extras:

- GPS
- FAX
- Data
- CALM (Codan Automated Link Management) - compatible with FED-STD-1045 ALE systems

5 Communications

Code KHDF/2

HF Radio Data Modem



Description

A kit to use in conjunction with a Codan NGT HF Radio Base Station (Oxfam code KHB/7) to enable data to be sent along HF radio.

Item specification

Codan 3012 Data modem, supplied with Codan 9102 communications software for PC.

- Transfer Text email with small Attachments
- ‘Chat’ mode operation
- 2400 bps. With internal data compression, can be equivalent to 6,000bps.
- Error-free data transmission
- Data scrambled for security

Components included

Item	Qty	Description
1.	1	Data Modem.
2.	1	Interface cable, NGT transceiver to modem (1 m).
3.	1	Option F Retrofit– fan for continuous data transmission for NGT series transceiver.

Code KHM/8

HF Radio Mobile Kit



Description

An HF radio with self tuning antenna for installation in a vehicle, for voice communications with other HF radios.

Item specification

Codan NGT SRx mobile station package, including:

- NGT SRx RF unit and user manual
- Handset microphone and cradle
- External speaker and cable
- Automatic tuning whip antenna kit (including all cables, accessories and installation instructions).
- All necessary cables and accessories

Features:

- 400 channels,
- 1.6-30 MHz,
- 125 watts (PEP),
- 12 V DC,
- USB/LSB/AM,
- emergency call, selective call, scanning, programmable via microphone keypad.

Components included

Item	Qty	Description
1.	1	Codan NGT SRx mobile station package.
2.	1	spare 32A fuse.
3.	20	Plastic, cable ties (370mm).
4.	1	Female to female UHF adaptor for joining 2x coaxial cables together..
5.	2	Spare PL259 connectors for RG8 (large coax cable)..
6.	2	Reducer to enable connection of small coax to PL259..

User notes

Codan NGT SRx mobile station package, including:

- NGT SRx RF unit and user manual
- Handset microphone and cradle
- External speaker and cable
- Automatic tuning whip antenna kit (including all cables, accessories and installation instructions).
- All necessary cables and accessories

Features:

- 400 channels,
- 1.6-30 MHz,
- 125 watts (PEP),
- 12 V DC,
- USB/LSB/AM,
- emergency call, selective call, scanning, programmable via microphone keypad.

Code KM/4 **Lightweight Antenna Mast Kit**

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Description

Easy to assemble lightweight telescopic antenna mast. Ideal mast for HF base antenna and/or VHF base antenna. Where circumstances permit can be used for mounting repeater antenna.

Item specification

Components included

Item	Qty	Description
1.	1	35ft telescopic mast in seven sections, type MSM-35 with: Guys/ground stays, Base Plate, Spring loaded locking pins.
2.	1	Antenna adapter U-bolt for connection of VHF antenna SMC63 (AF/1).

User notes

5 Communications

Code KP/3 **Power Kit**

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Description

A kit to provide reliable, regulated, 12V DC and 240V AC power from a 240V source. To accompany HF Base Station (code KHB).

Item specification

Components included

Item	Qty	Description
1.	1	Sollatek Automatic Voltage Sensor AVS 13: 13A, 230V, with 13A socket, lead fitted with 13A plug, fused.
2.	1	Codan 3020 power supply fitted with 13A, 3 pin UK plug. Comes with Codan 702 cable kit..
3.	1	12V 85Ah Battery, gel filled, deep-cycling, non hazardous..
4.	1	5 metre extension cable with 4 × 13A sockets.
5.	1	3-pin to 2-pin adapter plug.

Code KSATT/2 Thuraya Handheld Satellite Telephone



Description

Portable telephone which can be used on satellite networks.

Item specification

Thuraya SO2510 handheld telephone, usable on satellite networks only, incorporating:

- fax/data modem,
- multi-function display and GPS functions.
- Talk time up to 2.4 hours, standby time up to 50 hours dependent on phone usage

Components included

Item	Qty	Description
1.	1	Thuraya SO2510 telephone.
2.	2	3.7V 1000mA rechargeable Li-Ion battery.
3.	1	SIM card.
4.	1	110-230VAC travel charger with UK and European plug adapters.
5.	1	12VDC charger with cigarette lighter connector.
6.	1	USB data cable.
7.	1	Carry bag.
8.	1	CD & Manuals in English, French, Russian and Arabic.
9.	1	Coverage list and call zone cost list.

User notes

Thuraya SO2510 handheld telephone, usable on satellite networks only, incorporating:

- fax/data modem,
- multi-function display and GPS functions.

5 Communications

- Talk time up to 2.4 hours, standby time up to 50 hours dependent on phone usage

Code KT/6

Communications Tool Kit



Description

A tool kit for installing communications equipment, and carrying out minor repairs. Supplied with a steel, cantilever toolbox.

Item specification

Part numbers given are for Draper tools.

Components included

Item	Qty	Description
1.	1	Set of 7 insulated screwdrivers.
2.	1	**??**NO.3X150MM POUNDTHRU CROSS S/D.
3.	1	**??**200X8MM PLAIN P/THRU S/DRIVER.
4.	1	**??**14/1 REVERSIBLE PREC'N S/D SET.
5.	1	**??**TWEEZER DUMONT PATT FINE/CRVE.
6.	1	EURO MAINS TESTER 150MM **?screwdriver?.
7.	1	Hexagonal/allen key set, metric, 10 piece.
8.	1	TX-star drive angle key set, 7 piece.
9.	1	Pliers kit, heavy duty, 3 piece.
10.	1	Wire stripper, 150mm, heavy duty grips.
11.	1	Flush cut nipper, 130mm.
12.	1	Water pump pliers, 250mm.
13.	1	Crimping tool, 4 way, 215mm.
14.	1	Assorted electrical terminals, 50 piece.
15.	1	Ball pein hammer, 8oz (225g).
16.	1	Trimming knife, retractable blade, with 5 blades.
17.	1	5 Trimming knife blades.
18.	1	Cold chisel, 19x200mm.
19.	1	Junior hacksaw.
20.	2	Junior hacksaw blades, 10 pieces.
21.	1	**??**Self grip pliers - curved, 220mm.

22.	1	Hacksaw frame, 300mm blade.
23.	1	Hacksaw blades, 10 pieces.
24.	1	Combination spanner set, metric, 11 piece.
25.	1	Combination spanner, 20mm.
26.	1	Combination spanner, 22mm.
27.	1	Combination spanner, 24mm.
28.	1	Combination spanner, 27mm.
29.	1	Adjustable spanner, 200mm.
30.	1	Insulating tape, black, BS3924.
31.	1	Digital multimeter.
32.	1	Crocodile clip, probe set.
33.	1	Soldering iron, 25W 230V.
34.	1	Soldering wire, 1mm diameter, 20g.
35.	1	Desoldering sucker.
36.	1	Twin socket cable reel, 15M, 10A.
37.	1	13A, fused, rubber plug, black rubber.
38.	1	Cable tie, 200x4.8mm, 200 pieces.
39.	1	Cable tie, 300x4.8mm, 200 pieces.
40.	1	Cable tie, 370x7.6mm, 100.
41.	1	Assortment organiser, 21 compartment.
42.	1	Screw/wall plug assortment, 280 pieces.
43.	1	Pan-head screw and nut assortment, 366 pieces.
44.	1	Cantilever tool box, 430x200x210mm.
45.	1	Padlock, brass, 40mm, with keys.
46.	1	Masonry drill set, 8 pieces.
47.	1	Masonry drill 10x600mm **?O/A?**.
48.	1	HSS drill set, metric, 1.0-10.0mm, 19 piece.
49.	1	Files with handles, 200mm, 4 pieces.
50.	1	Files with handles, 200mm, 3 piece.
51.	1	Hammer drill, 230V 710W.
52.	1	**?12 WAY, 15A PVC TERMINAL BLOCK (10?**.
53.	1	13A fuses for plugs, pack of 4.
54.	1	Cable clips, 5mm, 100 pieces.
55.	1	Worldwide travel adaptor.
56.	1	12V inspection lamp with bulb.
57.	1	Double pinion hand drill, 8mm.
58.	1	Silicon grease, 100ml.
59.	1	Duct tape, 50mm wide x 50m, black.
60.	1	Measuring tape 5m/16' x 19mm.
61.	1	Spark plug brush, 150mm.
62.	1	Automotive fuses, 120 pieces.
63.	1	Carpenters Awl, soft grip handle.
64.	1	Self-tapping screw assortment, 305 piece.

- 65. 1 Household scissors, 175mm.
- 66. 1 Decarbonising brush set, 2 pieces.
- 67. 1 Washers, zinc plated, M3, M4, M5, M6 assortment, 200 pieces.
- 68. 100 Coax cable, black.
- 69. 1 Self-Amalgamating tape, 19mm x10m.
- 70. .

5 Communications

Code KVHB/6 **VHF Radio Base/Mobile**



Description

A VHF radio kit for voice links to other VHF radios. For installation in an office, house or vehicle.

Item specification

Motorola GM-360

- 25 watt programmable mobile/base transceiver with external speaker
- Fist microphone
- Terminated fused power leads for 12 volt operation.
- Frequency range 136 – 174MHz, 256 Channel, 12.5KHz channel spacing, 5KHz steps, CTCSS tone capability, reverse polarity protection..

Key features of set up: *****does the Catalogue user need this?*****

- Scan list 1-16 on NORMAL scan mode
- User Pass Code 159357
- Dealer Pass Code 159357
- User Set Mode Access ENABLE
- Dealer Set Mode Access ENABLE
- Time Out Timer OFF

Components included

Item	Qty	Description
1.	1	Motorola GM-360 transceiver.
2.	1	Kathrein No. 215465 VHF base antenna, with 2" OD mast mounting clamp.
3.	30	UR67 cable complete terminated with PL-259 plug and N-Type plugs.
4.	20	Cable ties, plastic, 370mm long.
5.	1	Gutter clip for vehicle antenna with allen key.
6.	1	1/4 wave vehicle antenna for mounting on gutter clip c/w 4 metre length coaxial cable, terminated with PL-259 plug.
7.	5	Single core 4 mm green earth wire.

- 8. 1 Copper earth rod and clamp.
- 9. 2 Spare fuses for power cable.
- 10. 1 Programming Kit: PC Programming software (CD-ROM) with USB programming cable.

User notes

Motorola GM-360

- 25 watt programmable mobile/base transceiver with external speaker
- Fist microphone
- Terminated fused power leads for 12 volt operation.
- Frequency range 136 – 174MHz, 256 Channel, 12.5KHz channel spacing, 5KHz steps, CTCSS tone capability, reverse polarity protection..

Key features of set up: **??does the Catalogue user need this??**

- Scan list 1-16 on NORMAL scan mode
- User Pass Code 159357
- Dealer Pass Code 159357
- User Set Mode Access ENABLE
- Dealer Set Mode Access ENABLE
- Time Out Timer OFF

5 Communications

Code KVHW/8 VHF Radio Hand Portable Kit



Description

Kit of four VHF walkie-talkies with a range of accessories. Range up to 5 miles in open areas.

Item specification

Motorola GP-380:

- 16 Channel portable hand held VHF transceiver,
- 5 watt output, antenna, belt clip,
- (BP-232) 2,000mAh Li-Ion rechargeable battery pack.
- Frequency range 136MHz to 174MHz, 12.5KHz channel spacing, 5KHz steps, CTCSS tone capability.

Main features of set up options are: (**?does this mean anything to anyone?**)

- RF Power Level HIGH on all channels
- Power Save ON on all channels
- Time Out Timer OFF on all channels
- Scan List 1-16 on NORMAL mode
- Dealer Pass Code 159357

Components included

Item	Qty	Description
1.	4	Motorola GP-380 hand held VHF transceiver.
2.	4	BP-232 spare 2,000mAh Li-Ion rechargeable battery pack.

- 3. 4 BC160 Desktop battery charger for 220V operation with AC adapter fitted with 3 pin UK plug..
- 4. 2 12V Cigar lighter charger for use with BC160 above Item 3..
- 5. 1 PC programming software on CD-ROM with USB lead and adapter..
- 6. 1 4-way, 3-pin AC mains adapter, fitted with 3-pin plug.
- 7. 1 Sollatek AVS 13A 3-pin version with 2 x 2-pin adapters.

User notes

Motorola GP-380:

- 16 Channel portable hand held VHF transceiver,
- 5 watt output, antenna, belt clip,
- (BP-232) 2,000mAh Li-Ion rechargeable battery pack.
- Frequency range 136MHz to 174MHz, 12.5KHz channel spacing, 5KHz steps, CTCSS tone capability.

Main features of set up options are: (**?does this mean anything to anyone?**)

- RF Power Level HIGH on all channels
- Power Save ON on all channels
- Time Out Timer OFF on all channels
- Scan List 1-16 on NORMAL mode
- Dealer Pass Code 159357

5 Communications

section 8: Resources

There are no products in this section yet...

8 Resources

section 9: Water related

There are no products in this section yet...

9 Water related

section 9.1: Ground Water Development

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BDR4/2	PAT 301TP Drilling Rig & Compressor	90
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BSP8A-25 1/1	Grundfos SP 8A-25 Submersible pump and motor complete	93
BSQE7-40 2/1	Grundfos SQE 7-40 Submersible Pump and Motor Complete	96

Code BCON/1 Consumables for drilling and casing

Gross weight:	1500kg	
Volume:	10 m ³	
Approximate unit cost:	£4800	

Description

Item specification

Components included

Item	Qty	Description
1.	128	5" PVC casing x 2.5m length (140x126.6mm outside and inside Diameter respectively) collapse resistance of 8.6 bar (kp/cm2).
2.	64	5" PVC screens x 2.5m length (140x126.6mm outside and inside diameter respectively) collapse resistance of 8.6x 0.5= 4.3 bar (kp/cm2) slot size 1mm.
3.	112	4" PVC casing x 2.5m length (113x103mm outside and inside diameter respectively) collapse resistance of 6.8 bar (kp/cm2).
4.	56	4" PVC Screens x 2.5m length (113x103mm outside and inside diameter respectively) Collapse resistance of 6.8 x 0.5 = 3.4 Bar (kp/cm2) slot size 1mm.
5.	10	Biodegradable Polymer (25kg each).
6.	1	Drill foam (200 litres).

User notes

9.1 Ground Water Development

Code BDM100/1 BH Dip Meter 100m length

Gross weight: 6kg
 Volume: 0.02 m³
 Approximate unit cost: £240



Description

Item specification

Components included

Item	Qty	Description
1.	1	Water Level Meter (Dip Meter) 100m. Made from polyethylene tape reels and stainless steel conductors. Permanent markings in meters and centimetres with markings every mm. Probe: stainless steel, leak proof probe, easy to clean. Probe size: 12.7mm dia and 220mm length. Provided with tape guide, for tape protection and easy consistent measurement.

9. Ground Water Development

Code BDM50/1 BH Dip Meter 50m length

Gross weight: 3kg
 Volume: 0.02 m³
 Approximate unit cost: £185



Description

Tool for measuring level of water in boreholes and wells. It has a light and buzzer signal when the sensor touches water.

Item specification

- Water Level Meter (Dip Meter) 50m. With light and buzzer signal.
- Made from polyethylene tape reels and stainless steel conductors
- Permanent markings in meters and centimetres with markings every mm.
- Probe: stainless steel, leak proof probe, easy to clean. Probe size: 12.7mm dia and 220mm length.
- Provided with tape guide, for tape protection and easy consistent measurement

Components included

Item	Qty	Description
1.	1	Water level meter..

Code BDR4/2 PAT 301TP Drilling Rig & Compressor

Gross weight: 5900kg
 Approximate unit cost: £47,189



Description

The PAT 301 is an all mechanical, top drive, drilling machine, capable of using a range of rotary drilling techniques to construct boreholes of 75–200mm diameter. It can drill in a variety of geological formations from soft sands through to hard rock to depths of about 80m, though it can reach depths of 100m in softer rocks. It is trailer mounted and can be towed by most 4WD pick-up trucks.

Item specification

Could not process markup

Components included

Item	Qty	Description
1.	1	PAT-Drill 301TP with progressive cavity pump (mud pump).
2.	50	Drill pipe 76MM, 2.0M LONG.
3.	2	Drag bit, 8" (200 MM), 3-WINGS STEP.
4.	2	Drag bit, 6 1/2 " (165 MM), 3-WINGS STEP.
5.	2	Reamer-stabilizer 8" (200 MM).
6.	2	Reamer-stabilizer 6 1/2" (165 MM).
7.	2	Sub-adaptor, 2 3/8" X 2 3/8" API REG.
8.	1	Tool set.
9.	1	Pneumatic Tools set.
10.	1	4" Stripping device.
11.	1	Bit spanner, 4 1/2".
12.	1	Drill pipe, 76mm, 0.7m LONG.
13.	1	Sub-adaptor, 2 3/8" X 2 3/8" API REG **??**.
14.	1	4" Hammer, SD-400.
15.	2	4 1/2" (115mm) Button bit.

9. Ground Water Development

16.	2	5 7/8" (150 MM) Button bit.
17.	15	1 1/2" Air hose.
18.	18	Motor oil SAE 40.
19.	36	Hydraulic oil ISO 68.
20.	5	PAT copper grease, 1 KG.
21.	5	PAT Lithium grease, 1 KG.
22.	2	Rock drill oil ISO 320, 18 Litre.
23.	2	Liquid drilling foam, 25 Litre.
24.	1	Special wrench for repar rig.
25.	5	Crew cap.
26.	5	Safety helmets.
27.	5	Boots.
28.	5	Leather work gloves.
29.	2	Construction fencing tape yellow 3"x250m.
30.	1	Yanmar diesel engine fresh water pump 4hp 500l/min.
31.	1	2" Flat hose, 50m.
32.	1	Collapsible bladder tank, 1000l.
33.	1	301TP Trailer Service Pack.
34.	1	Mast service pack.
35.	1	Rotation service Pack.
36.	1	Foam injection pump service pack.
37.	1	301TP power pack & hydraulic service pack.
38.	2	Tow hitches suitable for towing with Toyota Land Cruiser vehicles.
39.	Compressor	
40.	1	Atlas Copco XAHS-186 compressor.
41.	1	XAHS-186, 500hrs service pack.
42.	1	XAHS-186, 1000hrs service pack.

User notes**Could not process markup**

Code BI/3 Borehole Inspection Camera

Gross weight: 25kg
 Volume: 0.0294 m³
 Approximate unit cost: £2270



Description

Item specification

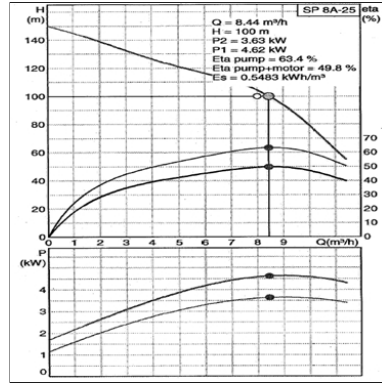
Components included

Item	Qty	Description
1.	1	Ultra low light black and white small camera. 1 ½" diameter with 3.6 mm lens focal range of five to infinity with manual camera tilting mechanism, centraliser, econo power supply, cable safety support, tools, spare parts, manual and instruction video..
2.	1	Steel winch with 325 feet (100 meters) of cable. Basic winch with screw type brake and small handle – upgradeable..
3.	1	Sony Digital Video Walkman VCR GV-D800 monitor & recorder (MP-0078).
4.	1	Inverter 300 watt (MP-0606).
5.	1	Carrying case – Tool Box (GVJR-433A).

9. Ground Water Development

Code CS/BA-25/BA-25 Submersible pump and motor complete

Gross weight: 600kg
 Volume: 2.88 m³
 Approximate unit cost: £12177



Description

A 4" diameter pumpset supplied with rising main, well head assembly and control panel. Ideal for pumping from water depth 65-125m

Item specification

SP 8A-25 Grundfos multi-stage submersible pump complete product no. 11151K25 with motor.

Rated flow 8 m³/h Rated head 107m Motor diameter 4" Motor type MS4000, 3 phase - Power Requirement 4.6kW

Components included

Item	Qty	Description
1.		Pump and motor complete
2.	1	SP 8A-25 Grundfos multi-stage submersible pump complete product no. 11151K25 with motor..
3.		Rising main and wellhead assembly

- 4. 1 2" Standard mild steel wellhead assembly comprising of Head plate mild steel 90-degree elbow Gland power cable 20mm ID Gland probe cable 12mm ID 1" BSP threaded hole suitable for 19mm dip tube, fitted with 1" plug Casing diameter 175mm.
- 5. 100 Pump cable rated at 2.5mm x 4 core + plug
- 6. 100 Electrode cable with electrode fitted.
- 7. 100 Boreline well flexible rising pipe 2".
- 8. 2 Flexible rising main couplings and camp rings 2" (supplied with the flexible rising main.).
- 9. 1 2" galvanised Elbow, BSP(F) threaded
- 10. 1 2" BSP Union
- 11. 4 2" Galvanised hexagonal Nipple
- 12. 1 2" Brass, non-return valve, BSP(F)
- 13. 2 2" Galvanised bush (tubes) female
- 14. 2 2" Galvanised pipe 1m in length BSP(M) threaded at both ends (to be used before and after the water metre).
- 15. 2 2" tee BSP(F).
- 16. 1 2" - 1/4" Reducer for pressure gauge.
- 17. 1 1/4" Brass, gate valve.
- 18. 1 1/4" Pressure gauge (12bar).
- 19. 1 2" Kent flow metre with female threaded flanges.
- 20. 1 2" Brass Gate valve Female.
- 21. 1 Built in temperature transmitter.
- 22. Control Panel .
- 23. 1 4 KW borehole control panel. All build components and wirings to be rated for 4 kW Grundfos SP8A -25, including uprated frame 26" soft starter. Panel to be of standard design with 2 electrods (low-level and earth) control and tank control function. Overloads and fuses to be fitted should be to suit the 4kW Grundfos SP8A -25 pump (FLC 9.6A). All panels to be supplied with a further overload and fuses (supplied loose in the cabinet) to suit the Grundfos 4kW motor . Pump cable inlet connectors should accommodate 4-core 2.5mm 2to4 core 6mm² cable. Plugs to have locking collars to prevent plugs coming loss..
- 24. Spares for Control Panel .
- 25. 1 Complete set of borehole panel internal components and fittings with out case. Including all required wiring colours/sizes supplied in reels..
- 26. 1 Replacement soft starter.

- | | | |
|-----|---|--|
| 27. | 1 | level relays, 11WRW 24V ac. |
| 28. | 1 | Main fuse holder. |
| 29. | 1 | Main fuse, 4kW motor. |
| 30. | 1 | Control relays 14 pin 24V ac. |
| 31. | 1 | Control transformers 24V. |
| 32. | 1 | Overloads, 9-12 Amp. |
| 33. | 1 | Fuses, 2 Amp. |
| 34. | 1 | Panel light bulbs (drawings A4/E/4516/A). |
| 35. | 1 | Manual Genset change over switch/distribution. 125A inlet plug, 6x32A 3 phase outlet sockets. Plugs to have locking collars to prevent plugs coming loose. |

User notes

SP 8A-25 Grundfos multi-stage submersible pump complete product no. 11151K25 with motor.

Rated flow 8 m³/h Rated head 107m Motor diameter 4" Motor type MS4000, 3 phase - Power Requirement 4.6kW

Code SQE 7-40 / SQE 7-40 Submersible Pump and Motor Complete

Gross weight: 360kg

**Description**

Pump set (pump and motor) of 3" diameter for borehole of minimum diameter 76mm. Ideal for pumping water from depth 20-55m.

Item specification

- SQE 7-40 Grundfos multi-stage submersible pump complete with motor type MSE3, single phase
- Flow 5m³/h at Head 50m, (Rated flow of 7 m³/h at rated head of 38m)
- Power requirement 1.73kW, 200-240 V

Components included

Item	Qty	Description
1.	1	SQE 7-40 Grundfos multi-stage submersible pump complete with motor..
2.	Rising main and wellhead assembly	.
3.	1	2" Standard mild steel wellhead assembly kit comprising of: Head plate mild steel, 90-degree elbow, Gland power cable 20mm ID, Gland probe cable 12mm ID, 1" BSP threaded hole suitable for 19mm dip tube, fitted with 12 plug, Casing diameter 175mm.
4.	60	Pump cable rated at (**???) 2.5mm x 3 core + plug.
5.	60	Electrode cable with electrode fitted.
6.	60	Boreline flexible rising pipe 1½".
7.	2	Flexible rising main couplings and clamp rings 1 ½" (supplied with the flexible rising main.).

8.	1	2"x1 1/2" (**GI??**) Reducing Bush.
9.	1	2" 90-degree Elbow (F) BSP threaded (**GI**)?.
10.	2	2" BSP Union (**GI??**).
11.	4	2" Galvanised hexagonal Nipple (**GI??).
12.	1	2" Brass (**??**), non-return valve.
13.	2	2" Galvanised bush (tubes) BSP (F) threaded (**??**).
14.	2	2" Galvanised (**??**) pipes 1m length male threaded at both ends to be placed before and after the water metre..
15.	2	2" GI, tee BSP (**M?F**) threaded.
16.	1	2"- 1/4" Reducer for pressure gauge.
17.	1	1/4" Brass, gate valve.
18.	1	1/4" Pressure gauge (12bar).
19.	1	2" Kent flow metre, flanged, supplied with flanges for fitting to 2" BSPM tube.
20.	1	2" Brass gate valve, BSP threaded (F).

User notes

- SQE 7-40 Grundfos multi-stage submersible pump complete with motor type MSE3, single phase
- Flow 5m3/h at Head 50m, (Rated flow of 7 m3/h at rated head of 38m)
- Power requirement 1.73kW, 200-240 V

9. Ground Water Development

section 9.2: Water Distribution

There are no products in this section yet...

9.2 Water Distribution

section 9.3: Water Treatment and Testing

There are no products in this section yet...