

Annual Report of the Pharos Trust. 2024-5.

Pharos Trust. Registered UK charity No.1090325

OVERVIEW

The Pharos Trust is the owner and operator of the Historic heritage Lightvessel LV18. LV18 has been situated in her own, purpose built, permanent floating berth alongside the Ha'penny Pier on the Waterfront of the historic port of Harwich, Essex, CO12 3HH, since 2011. LV18 is and was the last of the manned Trinity House Lightvessels in original condition and was the last to come off active station in 1995. Built in 1958 the vessel is on the National Register of Historic Ships No. 1916.

The trust was set up in 2002 and is managed and overseen by a small team of Trustees and run totally by volunteers who are mostly locally based retired maritime professionals. We work closely with the Corporation of Trinity House and Harwich Haven Authority and other local groups and heritage sites. The team has maintained and opened the vessel to the general public since 2011 on a broad seasonal basis. All marine work and maintenance is overseen and approved by a registered Ships Surveyor.

The vessel also houses an Ofcom Licenced 24 hour Radio Station which broadcasts on 1575 kHz Medium Wave and streams around the world on the internet.

The aims and objectives of the Lightvessel project are the 'Restoration of former Trinity House Manned Light Vessel No 18 for use as a visitor attraction and heritage learning facility.'

ANNUAL REPORT

Further to the devastating fire caused by an arson attack on 2nd February 2024 the trustees and volunteers have endeavoured to restore the vessel back to her original, unique, condition. The restoration cost has been assessed at c.£300,000. The vessel was back open, in part, after 4 months of initial removal of debris, cleaning and painting by voluntary effort. Since this date the vessel has been open Free of Charge to the general public and has relied on donations to help the maintenance program.

In our annual return our income includes a total of £16,572 from Allianz Insurance Ltd with which we paid ICE Cleaning Ltd £16,572. This was an insurance claim payment as

a result of an arson attack the vessel suffered on 2nd February 2014. ICE Cleaning Ltd carried out the removal of debris and damage suffered as a result of the fire. We understand from the advice taken from the Charity Commission that this should be shown on the returns as income and expenditure and has been duly entered. The return covers the period when the vessel was open to the public in the year 2024 following the fire and has been overseen by a trusted professional who has great experience in such matters.

The disaster was covered by National Television News and Newspapers which brought much publicity to the project in a town and area that was shocked by the news. Many of the local families had had relatives who were in the employ of Trinity House, once a major employer, helping to protect the mariner over several generations and this was reflected in the reactions of many townsfolk who wished us well.

Over this period we have maintained a good public profile through media publicity and, indeed, our own radio station which was granted a full Ofcom Licence in 2024. With an iconic heritage presence on the main waterfront LV18 has been involved, and organised, many local events helping to attract visitors to the town and maintaining a community and educational resource.

We are currently pursuing a Heritage Lottery and other partnership Grants to enable the complete restoration of the burnt-out area of the vessel which, in the meantime, is approaching completion as a small exhibition and meeting space.

A new season is fast approaching and we are confident that, despite the damage caused by the dreadful arson attack, we will continue to thrive and expand in our endeavours to provide a unique and educational resource and heritage attraction.

Tony O'Neil, Chairman of the Trustees
The Pharos Trust
Lightvessel LV18
Ha'penny Pier
The Quay
HARWICH
Essex
CO12 3HH

28.1.2026

Date	Invoice No	Item	Price Per Unit	Units Needed	Total Item Cos	Grand Total	CC?	Bank Debit?	Ebay?	Cash?
		10L Magnolia Paint	£68.00	6	£408.00			Y		
		10L White Paint	£58.00	4	£232.00			Y		
		5Pcs Brush Set	£8.99	6	£53.94			Y		
		5Pcs Roller Set	£14.00	6	£84.00			Y		
		Long Rolller Sets	£27.00	4	£108.00			Y		
		Deck Paint (International)	£50.00	4	£200.00			Y		
25.2.24	3	Spray Tarmac	£17.50	2	£35.00			Y		
		Cold Lay Asphalt	£11.28	2	£22.56			Y		
		Black Jack	£42.00	1	£42.00			Y		
		CO2 Extingusher 2kg	£99.99	2	£199.98			Y		
		CO2 Extingusher Sign	£2.49	2	£4.98			Y		
		Foam Extinguisher 6ltr	£94.99	2	£189.98			Y		
		Foam Extinguisher Sign	£2.49	2	£4.98			Y		
		Fire Blanket 1.2m x 1.2m	£16.99	2	£33.98			Y		
		Fire Blanket Sign	£1.99	2	£3.98			Y		
Total						£1,710.38				

Date	Invoice No	Item	Price Per Unit	Units Needed	Total Item Cost
6.2.24	SF	Chain Block	98.49	2	196.98
9.2.24	SF	Site Safety Goggles	19.96	1	19.96
10.2.24	SF	Gloves, masks etc		Several	38.95
10.2.24	SF	Site Bucket	6.5	1	6.5
18.5.24	SF	Titan Industrial Vacuum Cleaner	76.97	1	76.97
25.4.25	SF	Floor Scraper	23.99	1	23.99
28.6.25	SF	Dehumidifier	289.49	1	289.49
10.7.25	SF	Carpet Spray	9.89	1	9.89
20.8.25	SF	Steel Shackles	10	1	10
23.9.25		Tools	7.47	1	7.47
10.2.24	SF	Respirators	38.95	1	38.95
12.2.24	SF	Respirators	44.98	2	89.96
9.2.24	SF	PPE, Skip Bags etc			130.87
10.2.24	SF	Site Bucket	6.5		6.5
10.2.24	SF	Site Light LED	16.99	1	16.99
19.7.24		15 High Vis Jackets	14.99	1	14.99
	Ebay	Chipping Hammers		2	
15.5.24	Ebay	Bartoline Teak Oil	14.45	1	14.45
19.2.24	B+Q	Tools	33.5	1	33.5
8.1.25	AM	Puller Cables	6.99	1	6.99
21.1.25		57 Debonder	5.94	1	5.94
17.3.25		59 Respirator Filters	26.38	1	26.38
22.3.25		61 Respirator Filters		2	52.76
23.3.25		62 Water Container	10.9	1	10.9
27.3.25		64 Cement	7.9	1	7.9
28.4.25		66 Wood Chemicals	25.99	1	25.99
28.4.25		67 Sprayer for above	11.99	1	11.99
20.6.25		73 Hazard Tape/ Hex Bolts	16.84	1	16.84
9.8.25		76 Rubble Sacks	6.66	1	6.66
24.10.25		86 Isopropyl Alcohol	7.45	1	7.45

30.1.25	B+Q	Steel Wires Rigging			71.95
13.2.25	Lidl	Shackles/Drills	10.97	1	10.97
	HB	Tools	1		12.68
5.12.24	Perf Chems	Vactan Rust Treatment	300.72	1	300.72
2.12.24	HB	Tools	4.99	1	4.99
28.11.24	HB	Tools	4.99	1	4.99
25.11.24	Lidl	Tools	23.97	1	23.97
15.11.24	SF	Tools + Chemicals	11.83		11.83
8.11.24	B+M	Tools	6.08		6.08
29.10.24	B+M	Tools	7.99		7.99
21.10.24	Argos	Wiring	13.98	1	13.98
9.10.24	Lidl	Duct Tape	5.48	1	5.48
19.3.25	Homecraft	Protective Strip	13	1	13
13.11.24	SF	Tools	279		279
4.10.24	SF	Tools	6.18	1	6.18
27.3.25	64	Fire Cement	7.9	1	7.9
28.4.25	66	Wood Chemicals	25.99	1	25.99
28.4.25	67	Spray for above	11.99	1	11.99
20.6.25	73	Hazard Tape / Hex Bolts	19.84	1	19.84
9.8.25	76	Bulbs	6.66	1	6.66
24.10.25	88	Isopropyl Alcohol	7.45	1	7.45
9.3.24		Festoon Lighting			53.19
6.2.24		Festoon Lighting			64.98
		Black Jack Liquid Tarmac			
25.2.24		Spray Tarmac			17.5
27.3.24		Wood for Cable support			68.86
4.4.25		Wood for aft support			37.8
14.3.25		Aluminium Sulphate			40.25
21.7.25		Duratool Case			73.41
30.10.24		Amazon Lighting etc			89.94
9.7.25		Bulbs etc			12.74

9.10.24		M12 Washers			12.4
17.6.24		3m Trunking			10.8
13.6.24		M12 Studs			13.8
25.7.25		Chipping Hammer			8.16
23.9.25	LDL	Tools			7.47
26.7.25	LDL	Scraper			7.99
16.5.25	BM	Cable Ties			9
17.9.25	BM	Paint roller sleeves			7
25.6.25	Magpie Scrty	Specialist Key			20
8.1.26	LDL	Digital Calipers			3.99
22.12.25	LDL	Tools			12.45
18.9.25	LDL	Paint Rollers			2.99
24.7.25	LDL	Scraper			7.99
8.4.25	LDL	Ratcheting Ring			7.99
13.2.25	LDL	Shackles and Drills			10.97
7.2.25	LDL	Pendulum Jig Saw			14.99
4.2.25	LDL	Spirit Level/Saw Guide			11.98
14.11.24	LDL	LED Lighting			23.97
9.10.24	LDL	PTFE Oil / Duct Tape			5.48
1.7.24	LDL	Tools / Rollers etc			24.96
5.5.24	LDL	Cable Ties			1.99
26.4.24	LDL	Pressure Sprayer			5.99
19.3.24	LDL	Paint Roller			4.99
7.3.24	LDL	Paint and 3M tape			16.97
4.3.24	LDL	Paint and LED Lights			55.92
26.2.24	LDL	Rope Red			6.99
19.3.25		Electrical			18
13.1.24	SF	Electrical			11.83
2.2.25	DB	Electrical			10
21.7.25		Electrical			61.17
16.5.24	BM	Scissor Pack			9

19.10.24	HS	M10 Washers			12.4
21.2.24		Electrical			2.99
21.2.24		Electrical			76
25.2.24		Spray Bitumen			17.5
26.2.24		Electrical			6.99
10.3.24		Electrical			7.99
22.8.24		Electrical			24.36
17.4.24		Electrical			23.3
1.5.24		Electrical			19.54
6.5.24		Electrical			21.99
23.5.24		Adhesive			24.38
5.6.24		Electrical			5.99
9.7.24		High Vis Vests			14.99
21.8.24		Electrical			3.89
26.8.24		Electrical			9.99
25.9.24		Electrical			28.12
26.3.25		Electrical			18.99
26.2.24		Electrical			6.99
19.03.25		electrical			18
13.11.24	SF	Plugs			11.83
2.2.25	db	battery charger			10
21.7.25		electrical			61.17
16.5.24		scissor pack			9
25.6.25		keys			20
19.10.24	HS	M10 Washers			12.4
21.2.24		electrical			2.99
21.2.24		electrical			70
25.2.24		spray bitumen			17.5
26.2.24		electrical			6.99
10.3.24		electrical			7.99
22.3.24		electrical			24.36

24.3.24		rcb etc			23.3
17.4.24		electrical			13.99
1.5.24		electrical			19.54
6.5.24		electrical			21.99
23.5.24		hook and look			24.38
5.6.24		cable			5.99
9.7.24		hi vis vests			14.99
21.8.24		adapter			3.89
26.8.24		cable			9.99
25.9.24		Charger			28.12
26.5.25		cables			18.99
24.6.24		cables			6.99
25.9.24	eb	hook and look			47.96
16.12.24	am	cable			5.99
29.10.24	am	led light			14.99
11.11.24	am	connectors			3.49
12.11.24	am	cable kit			4.99
2.12.24	am	cable kit			4.99
5.12.24	am	cabling			19.98
24.1.25	am	cables			9.99
17.12.24	am	smoke detectors			29.99
3.12.24	am	cabling			10.99
11.11.24	am	cabling/connectors			9.99
12.1.25	am	splitter cable			10.99
12.1.25	am	splitter cable			7.69
28.9.24	am	electrical			19.99
11.11.24	am	connectors			4.69
9.1.25	am	co ax cable			4.99
28.9.24	am	connectors			6.99
30.11.24	am	tools			5.27
4.12.24	am	tools			6.07

27.3.24	hs	wood and fixings			68.86
14.4.24	hs	wood and fixings			37.8
22.9.24		surge protector			4.99
2.12.24	HB	Brushes and batteries			7.98
	Receipts attached		Total		4086.2

Components prices 1st & 2nd fit electrical installation						29/10/2025			
		1st order			Items Left	2nd fit items			
Items	ode Screwfi	Qty ordered			Qty left	to order	29/10/2025	Totals	
MCB 6A	95345	2	4.49	8.98	1			0.00	
MCB 10A B									
MCB 16A	88460	3	4.49	13.47				0.00	
MCB 32A	55617	1	4.49	4.49	1			0.00	
MCB 32A B				0.00				0.00	
MCB 63A C				0.00		2		0.00	
RCBO's 16A	969VF	1	19.99	19.99	100m+			0.00	
RCBO's 32A	368VF	1	19.99	19.99				0.00	
100M 2.5mm white	74493	1	90.99	90.99				0.00	
100M 1.5mm white cable	55509	1	60.99	60.99	75m			0.00	
50M 1.5mm flex cable	88820	2	36.99	73.98	75m			0.00	
DBL SKT & USB	8529P	2	9.99	19.98	1+1used	2	11.99	23.98	studio
DBL SKT MK 5 pack	49620	2	14.99	29.98		1	12.49	12.49	studio
Single socket				0.00		1			0.00
Back single 32mm Box 5 pack	17573	1	3.28	3.28	0	0	3.28	0.00	studio
Back double 32mm Box 5 pack	46005			0.00	1	2	6.99	13.98	
Metal SKT & Light switch	91399	2	11.45	22.90	1			0.00	
Light switch	45240			0.00	2			0.00	3 cabs
4ft Daylight	476PP	10	22.48	224.80	0	1	1.89	1.89	studio
Batten lamp	51084	4	3.32	13.28	0	2	22.39	44.78	3 cabs
Cat 6 cable	384JY	1	48.96	48.96	4		3.39	0.00	
Cat 6	7915X	1	14.79	14.79	50m?			0.00	
Main Switch	53010	1	20.05	20.05	2nd fit items				
Junction Box	1239D	20	1.26	25.20	0	to order	30/10/2025	Totals	
						12	1.13	13.56	

				0.00					
Cable clip 2.5	9302F	2	1.39	2.78	80	1	1.39	1.39	
Cable clip 1.5	1427F	2	1.35	2.70	60	1	1.35	1.35	
Cable clip 7-	349VT	2	1.57	3.14	130	1	2.09	2.09	
Total		1st		724.72		2nd	not ordered	115.51	
					Receipts attached			TOTAL	849.59

Prices for goods required to refit LV18 after the fire in 2nd October				updated	11/11/2025		31-Jan-26		
							B&Q prices correct 11/11/2025		
Invoice Ref.	Invoice Date	Items	Supplier	Quantity	Price	Total	Comments		
I-01	21-Jul-25	Electrical distribution box & connectors	CPC	1	73.41	73.41			
I-02	9-Jul-25	6 pack LED bulbs (trial to see if they work)	amazon	1	12.74	12.74			
PI-01		6 pack LED bulbs	amazon	6	14.99	89.94	Proforma invoice		
I-03	18-Jun-24	Metal studding	Harwich Supplies LTD	1	13.80	13.80			
I-04	17-Jun-24	White trunking for outside CAT5 cable	Electronic Centre	1	10.80	10.80			
I-05	19-Jun-24	Nuts and washers	Harwich Supplies LTD	1	12.40	12.40			
I-06	9-Jun-25	Nuts and washers	Harwich Supplies LTD	1	5.00	5.00			
I-07	20-May-25	Electrical junction box	Harwich Radio & Cyc	1	3.50	3.50			
I-08	27-Mar-24	Wood for cable support mid ship	Harwich Supplies LTD	1	68.86	68.86			
I-09	4-Apr-25	Wood for cable support aft ship	Harwich Supplies LTD	1	37.80	37.80			
I-10	6-Feb-24	110v gear for festoon emergency lights	Electronics Centre	1	9.00	9.00			
PI-03		BS7671 18 edition - for electrical safety test	amazon	1	112.79	112.79	Proforma invoice prices 4/11/25		
		1st fit electrical installation	screwfix	1	724.72	724.72			
PI-02		2nd fit electrical installation	screwfix	1	115.51	115.51	prices confirmed 29/10/2025		
						0.00			
		Water testing analysis				400.00			
		Aluminium Sulphate - flocking				30.49			
		Tarmac Cold lay Ready mixed Macadam Ba	B&Q	26	11.97	311.22			
		Rockwool Thermal Insulation Cavity Slab	B&Q	38	69.99	2659.62			
		Breathable Membrane Roofing Underlay	B&Q	2	76.95	153.90			
		Natural Hardwood Plywood (L)2440mm (W)	B&Q	50	21.00	1050.00	Ceilings in 3 compartments & Aft comp		
		Natural Hardwood Plywood (L)2440mm (W)	B&Q	30	24.00	720.00	All walls in the 3 cabins & Aft comp.		
		Smooth Planed Pine Stripwood (L)2.4m (W)	B&Q	20	8.37	167.40	door internal frame		
		Metsä Wood Planed Treated C16	B&Q	35	6.97	243.95	door frames & port holes ??		
		Soudal Genius Gun Gap filling Expanding f	B&Q	20	6.00	120.00	door inners		
		Metsä Wood Smooth Planed PSE	B&Q	85	3.60	306.00	Beading for pannels 3 Cabs		
		Metsä Wood Planed Treated Whitewood	B&Q	95	7.47	709.65	Battons blue 3 cabins & Aft comp.		
		Smooth Planed PSE Whitewood spruce	B&Q	12	23.00	276.00	wood for port hole surrounds		
		Charles Watson Coach Bolt Cup Square	B&Q	3	9.99	29.97			
		ForgeFix FFP3530YT ForgeFast Pozi Comp	B&Q	2	29.14	58.28	1600 pk		
		ForgeFix Spectre PZ Compatible Wood Scr	B&Q	1	20.84	20.84	1200 pk		
		Wood Screws 5 x 80mm Advanced Multi Pu	B&Q	1	17.96	17.96	400 pk		
		2 Pack - 190mm x 40T & 80T TCT Circular	B&Q	1	21.95	21.95			
		4-1/2" / 115mm Angle Grinder x 1mm	B&Q	1	19.86	19.86			
		Universal Metal Grinding disc (Dia)115mm	B&Q	5	2.90	14.50			
		Everbuild 502 Weatherproof Wood	B&Q	10	6.73	67.30			
		Gorilla Wood glue, 1L	B&Q	10	12.65	126.50			
		Bartoline - Teak Oil - 2L - Free Postage	B&Q	5	11.50	57.50			

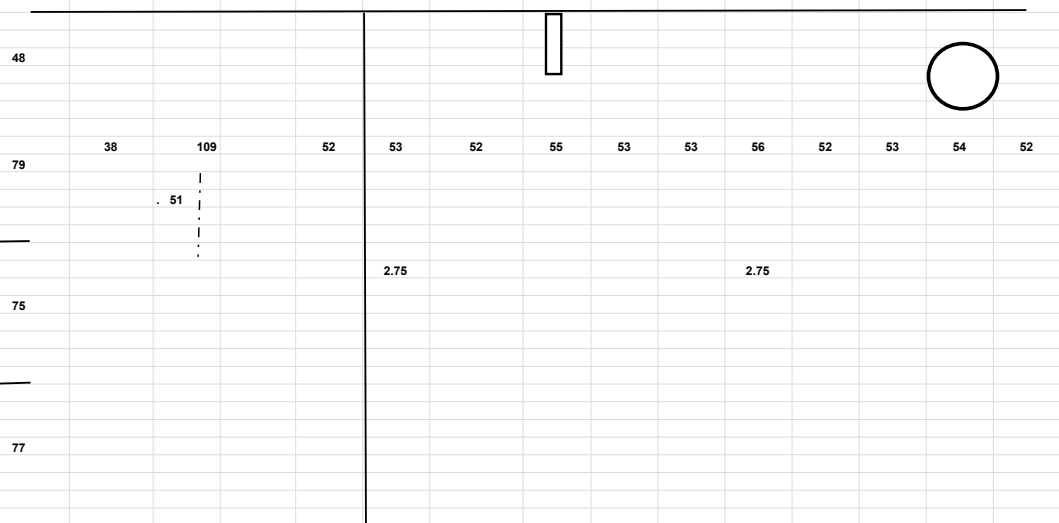
		Total	Starboard Side		10173.16			
		Total	Port Side		10173.16	Pro Forma supplied		
		Cost of contractor to undertake the work of cabin refit			8250	Pro Forma supplied		
		Cost of Floor screeding, underlay and vinyl - fitted.			2330	Pro Forma supplied		
		Cost of electrical installation, PAT testing,	Carried out by volunteers		0			
		Internal cleaning and repaint, etc	c.7200 man hours gratis		0			
		TOTAL CABINS REFIT			30926.32			

LV18 Recovery - Electrical components breakdown 02																						
circuit	Area	comments	codes	Packs	MCB's	£	RCBO's	£	2.5 cable m	£	1.5 cable m	£	1.5 flex	£	L switches	£	LED lighting 4ft	£	LED lighting 2ft	£	DBL SKT	£
Main Dis Board Fed from Isolation Transformer																						
1-1	SKT power	SKT	complete				20A	-	5		15				1						5	
1-2	lighting mid ro	L	move forward		6A			-											1			
1-2	lighting stairs	L	complete		*																	
1-3	SKT power	SKT	complete				20A		2		-								1			
1-4	lighting room	L	complete		6A						5				1		1		1			
1-4	lighting hall ou	L	complete		*																	
1-5	Two BS4343 S	SKT	complete	969VF			16A	19.99	-													
1-6	Armour to 2nd SKT		complete	368VF			32A	19.99	-													
1-7	To 12v DC PSU		complete	95345	6A	4.49																
1-8	lighting lower i	L	complete	95345	6A	4.49		-			20				2		3					
1-8	lighting lower i	L	to go further		*						30				2		4					
2nd Dis Board All Fed from RCBO 1-6																						
2-1	SKT power to	SKT	complete	88460	16A	4.49		-	20												2	
2-2	SKT Power rin	SKT	complete	55617	32A	4.49			20													
2-3	SKT power to	SKT	not yet install	88460	16A	4.49		-	35												1	
2-4	SKT Power to	SKT	complete	88460	16A	4.49			-													
Replacement											25				3		2					
Screwfix			code																			
MCB 6A			95345	2	4.49																	
MCB 16A			88460	3	4.49																	
MCB 32A			55617	1	4.49																	
RCBO's 16A			969VF	1	19.99																	
RCBO's 32A			368VF	1	19.99																	
100M 2.5mm			74493	1	90.99				90.99													
100M 1.5mm			55509	1	60.99					60.99												
50M 1.5mm			88820	2	36.99								36.99									
DBL SKT &			8529P	2	9.99																	
DBL SKT MK			84563	2 pk	14.99																	
Light switch			91399	2 pk	11.45											11.45					14.99	
4ft Daylight			476PP	10	22.48																	
2ft Daylight			960PP																			
Batten lamp			51084	4	3.32																	
Cat 6 cable			384JY	1	48.96																	
Cat6			7915X	1 pk	14.79																	
Main Switch			53010	1	20.05																	
Junction Box			1239D	20	1.26																	
Back Box 5			17573	1 pk	3.28																	
Cable clip			9302F	2 pk	1.39																	
Cable clip			1427F	2 pk	1.35																	
Cable clip 7-			349VT	2 pk	1.57																	
						26.94		39.98	82	90.99	95	60.99	2	36.99	9	11.45	10	22.48	0	17.98	8	14.99
														73.98		22.9		224.8	0	0		29.98
TOTAL																						570.56

NB This assessment is for each of the port and starboard sides of the vessel aft. 6 cabins are to be refitted due to the severe damage.

Height of rooms = 2.030 m = 80in

Total	7.32
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pipe

Hull

	25x50	6mm	9mm
Locations	Battons	W & C Ply	Div W Ply
Roof	26	11	-
STBD side wall	13	7	-
Passage side wall	13	7	-
Side walls	8	7	-
Internal walls	4	-	10
Totals	64	32	10

Battons	25 x 50 x 4800	Wikes
	25 x 38 x 4800	Wikes
	25 x 50 x 4800	H Supply
Ply	6 x 2440 x 1220	H Supply
	9 x 2440 x 1220	H Supply
	12 x 2440 x 1220	H Supply
	18 x 2440 x 1220	H Supply
Beading	18x6x2400	Wikes
Knut/B Screws	7mm min	

Roof lining		Length way	Width way
380			380
1090		1470	1090
520			
530			1050
520		1570	
550		2170	1070
530			
530			1060
560			
520			1080
530			
540			1070
520		2110	520
max		2440	1220

Length way		2440		
S&P walls	Buttons	<input type="text"/>		
380				
1090	A		1220	
1050		<input type="text"/>		
1070			1220	2440
1060	B			
1080		<input type="text"/>	610	3050
1070	C	<input type="text"/>	1/2 sheet	
520				2790
Total = 4 x 7320				

[illegible]

	Length	A	4	
		B	4	
		C	2	
	width	D		8
		E		3
Roof	Total sheets 6mm	10		11
Hight of rooms = 2.030 m = 80in				
	480	two sides		960
	790			790
	750			750
	770			770
Side walls	Total sheets 6mm			7

Hight of rooms = 2.030 m = 80in
Width of rooms 2790
Two walls required each with two sides

	Width way	Length way	Area
D	1220	2440	
E		1/3 sheet	
	813.33	3253.33	

[illegible]

INDEPENDENT EXAMINER REPORT.

ANNUAL RETURN. PHAROS TRUST. Registered UK charity No.1090325

I have undertaken a full examination of the annual accounts and return for the above named Charity.

The accounts, based upon the information available to me are a true representation of the finances at the time of submission.

Timothy John Wardley. C.G.L.I.

Dated 28 January 2026