

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5024
Date finished:	24.06.2011	Object number:	18

Simple name:	sheet
Materials:	lead

IMAGES:

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Image name	Image description
5024-18_1	after treatment, side 1
5024-18_2	after treatment, side 2

DESCRIPTION:

Length (as folded) = 14.5cm.

Piece of tapering lead sheet that has been bent into four. A small section has been partially cut along one edge and this has also been folded. The edges of the sheet have been unevenly folded, one side being folded in the opposite direction to the other.

CONDITION:

The sheet is intact. Stress lines from folding can be seen in the surface running in several directions.

The dark, compact surface is covered with a mixture of pale, powdery corrosion, compact brown corrosion and various marine deposits. Silt is also present on the surface.

TREATMENT:

The marine deposits were reduced and much of the powdery corrosion removed using a pin vice and brush. The sheet was rinsed with acetone to remove the remaining loose material.

RECOMMENDATIONS:

Dry storage (less than 30%RH). Organic acids from wood, card and paper should be avoided.

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5024
Date finished:	24.06.2011	Object number:	18

Drawing on hard copy: N

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5051
Date finished:	04.08.2011	Object number:	029

Simple name:	dish
Materials:	ceramic

IMAGES:

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Image name	Image description
5051-29_1	after treatment, inside

DESCRIPTION:

Diameter (rim) = 16.6cm.

Porcelain dish with a stylised foliage pattern in cobalt blue. The plate has a small foot ring and the underside has smudged patches of pale cobalt blue. The cobalt blue has bled into the areas surrounding the decoration and the glaze is finely crazed.

CONDITION:

80% of the dish survives, with a portion of the rim (approximately 15% of what remains) detached in one piece. There are small chips missing from the break edges and also two chips missing from the remaining rim.

The dish has been submerged in a marine environment and subsequently dried out. There is no information as to whether desalination has taken place. There are no signs of salt damage.

TREATMENT:

The detached section of rim was re-attached using 'HMG Paraloid B72' (acrylic co-polymer) in acetone.

RECOMMENDATIONS:

Stable, mid-range (50%RH) storage.

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5051
Date finished:	04.08.2011	Object number:	029

Drawing on hard copy: N

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5051
Date finished:	24.06.2011	Object number:	31

Simple name:	spoon
Materials:	modern pewter? (tin/ copper)

IMAGES:

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Image name	Image description
5051-31_1	after treatment, top surface
5051-31_2	after treatment, underside

DESCRIPTION:

Length = 14.2cm, width (bowl) = 3.0cm.

Spoon made from possibly a pewter/copper alloy. 'JOHN YATES CROWN METAL' is stamped on the back of the stem.

CONDITION:

The spoon is complete and intact. The rounded edges suggest that they have worn during use. The surface consists of compact black corrosion products with areas of powdery pale corrosion. Patches of more compact greenish corrosion also cover approximately 10% of the surface (mainly the end of the bowl). Small grey crystals are present over approximately 20% of the surface. A small quantity of silt is present on the surface.

TREATMENT:

The disfiguring crystals and a small amount of the copper corrosion products were removed with a pin vice and brush. The silt was also removed by brushing. The spoon was rinsed with acetone to remove the remaining loose material.

RECOMMENDATIONS:

Dry storage (less than 30%RH).

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5051
Date finished:	24.06.2011	Object number:	31

Drawing on hard copy: N

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5051
Date finished:	24.06.2011	Object number:	32

Simple name:	fitting x 2
Materials:	copper alloy

IMAGES:

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Image name	Image description
5051-32_1	after treatment, side 1
5051-32_2	after treatment, side 2

DESCRIPTION:

Length (snib) = 4.8vm, width (snib) = 1.3cm, length to angle (pin) = 3.0cm, diameter head (pin) = 1.4cm.

Two copper alloy fittings:

- rectangular wing snib with central hole for a screw. The top is angled away from the screw hole and the underside is hollowed out.
- 'pin' consisting of a thick shank with a sharp right angle bend approximately two thirds of the way down its length. The shank has a flat end. The contoured head ends in a flattened disc that has a circular indentation in the centre.

CONDITION:

Both fittings are complete and intact. Their surfaces consist of compact dark brown corrosion products. Hard, green corrosion covers most of the underside and approximately 60% of the top of the snib. Brighter corrosion is present in small quantities on the 'pin', particularly the indentation on the head. A small amount of silt is present on both fittings.

TREATMENT:

The silt and a small amount of corrosion products were removed using a pin vice and brush. The fittings were rinsed with acetone to remove the remaining loose material.

RECOMMENDATIONS:

Dry storage (less than 30%RH).

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5051
Date finished:	24.06.2011	Object number:	32

Drawing on hard copy:

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5051
Date finished:	24.06.2011	Object number:	43

Simple name:	ring
Materials:	copper alloy

IMAGES:

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Image name	Image description
5051-43_1	after treatment

DESCRIPTION:

Diameter (external) = 5.1cm, thickness = 2.1cm.

Copper alloy ring with a concave profile. Lines are visible running around the outer surface suggestive of machining or wear. There are also diagonal marks in the corrosion on the outer surface.

CONDITION:

The ring is complete and intact. The surface consists of compact red/brown corrosion which is overlain by patches of compact green corrosion and iron staining. There are a few small areas of a pale powdery deposit. Silt is present on the surface of the object.

TREATMENT:

The pale deposit and some corrosion products were removed using a pin vice and brush. The silt was removed in the same way. The ring was rinsed with acetone to remove the remaining loose material.

RECOMMENDATIONS:

Dry storage (less than 30%RH).

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5051
Date finished:	24.06.2011	Object number:	43

Drawing on hard copy: N

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5051
Date finished:	24.06.2011	Object number:	44

Simple name:	ring
Materials:	copper alloy

IMAGES:

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Image name	Image description
5051-44_1	after treatment

DESCRIPTION:

Diameter (external) = 6.2cm, thickness 2.3cm.

Copper alloy ring with a concave profile. Lines are visible running around the outer surface suggestive of machining or wear. There are diagonal lines in the corrosion on the outer surface. Letters are stamped on the inside of the ring – ‘O’ and ‘E’ are still visible but other letters have been worn away, presumably during use.

CONDITION:

The ring is complete and intact. The surface consists of compact red/brown corrosion which is overlain by patches of compact green corrosion and iron staining. The iron staining on the outer surface runs in diagonal lines down the ring. Much silt is present on the object.

TREATMENT:

Some corrosion products were removed using a pin vice and brush. The silt was removed in the same way. The ring was rinsed with acetone to remove the remaining loose material.

RECOMMENDATIONS:

Dry storage (less than 30%RH).

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5051
Date finished:	24.06.2011	Object number:	44

Drawing on hard copy: N

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5204
Date finished:	24.06.2011	Object number:	05

Simple name:	strip x 4
Materials:	lead

IMAGES:

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Image name	Image description
5204-05_1	after treatment

DESCRIPTION:

Length (largest piece) = 20.6cm, width (max, largest piece) = 3.8cm.

Four fragments of lead strip, possibly off cuts.

Fragment A: The largest piece is folded into three and has two cut and two torn edges (one long and one end each). Six holes have been punched (all in the same direction) along the cut edge.

Fragment B: A triangular tapering piece. One of the long edges has been cut and the other torn. The pointed end has been folded back parallel to the cut edge.

Fragment C: A small piece of strip with no cut edges and one end folded back upon itself. There is one punched hole in the section that has been folded back.

Fragment D: The smallest strip also has one cut and one torn edge with two holes punched through it.

CONDITION:

The fragments are intact.

Stress lines from folding can be seen in a number of places on the strips.

All the strips have dark, compact surfaces that are covered with a mixture of pale, powdery corrosion, compact brown corrosion and various marine deposits. Silt is also present on the surfaces.

TREATMENT:

The marine deposits, silt and more unsightly corrosion products were removed with a pin vice and brush from accessible surfaces. The strips were rinsed with acetone to remove the remaining loose material.

RECOMMENDATIONS:

Dry storage (less than 30%RH). Organic acids from wood, card and paper should be avoided.

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5204
Date finished:	24.06.2011	Object number:	05

Drawing on hard copy: N

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5204
Date finished:	24.06.2011	Object number:	08

Simple name:	tube
Materials:	lead

IMAGES:

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Image name	Image description
5204-08_1	after treatment

DESCRIPTION:

Length =31.5cm.

Length of lead tube with rounded rectangular cross section. Draw lines can be seen running down the length of the tube.

CONDITION:

The tube is intact but bent into a 'U' shape. One end is slightly flattened and both the show pale powdery corrosion that appears to lie beneath the surface in other places.

Approximately 80% of the surface consists of a compact grey patina. The patina has been disrupted in some places to reveal pale powdery corrosion or a dark, porous surface. More massive, brown corrosion covers approximately 50% of the object. Small patches of light marine concretions are also present.

TREATMENT:

The marine concretions and pale corrosion products were removed with a pin vice and brush. The tube was rinsed with acetone to remove the remaining loose material.

RECOMMENDATIONS:

Dry storage (less than 30%RH). Organic acids from wood, card and paper should be avoided.

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5204
Date finished:	24.06.2011	Object number:	08

Drawing on hard copy: N

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5204
Date finished:	24.06.2011	Object number:	12

Simple name:	handle
Materials:	bone

IMAGES:

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Image name	Image description
5204-12_1	after treatment, decorated side
5204-12_2	after treatment, inside surface

DESCRIPTION:

Length = 7.9cm, width (max) = 2.2cm.

One of two plates that attach to the tang of a knife. The plate appears to be made of bone and the external surface is decorated with incised cross hatching – evenly spaced from left to right and in groups of 4 from right to left. There is a hole at either end for rivets to attach the plate to the knife's tang. There appears to be the partial remains of two more holes near one edge.

CONDITION:

The plate is intact but may be missing a small piece between the two partial holes near one edge. The plate is slightly warped so that it curves slightly in both planes. The decorated surface is worn and there are many scratches, particularly near the damaged edge. Some silt is lodged in the crevices, particularly on the reverse.

TREATMENT:

The silt was removed using a pin vice and brush.

RECOMMENDATIONS:

Stable mid-range storage (50%RH).

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5204
Date finished:	24.06.2011	Object number:	12

Drawing on hard copy: N

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5204
Date finished:	15.07.2011	Object number:	1004

Simple name:	futtock
Materials:	wood

IMAGES:

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Image name	Image description
5204-1004_1	after treatment, side 1
5204-1004_2	after treatment, side 2

DESCRIPTION (taken from context register):

Timber futtock with 7 joggles and a rebate for a nail hole and a rove.

CONDITION:

The item was originally waterlogged and from a marine environment. The timber has dried out resulting in surface cracks and deep checking. The wood is friable and crumbling. There are silt deposits on the surface, along with powdery iron corrosion and staining. There is also a substantial layer of dirt. Patches of salt efflorescence are present.

TREATMENT:

As much as possible of the loose material was removed using a soft brush in the presence of a vacuum cleaner.
The surface of the timber was consolidated with 3% 'Mowital B30H' (polyvinyl butyral) in industrial methylated spirit.

RECOMMENDATIONS:

Stable mid-range humidity (50%RH).

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5204
Date finished:	15.07.2011	Object number:	1004

Drawing on hard copy: N

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5204
Date finished:	15.07.2011	Object number:	1005

Simple name:	futtock
Materials:	wood

IMAGES:

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Image name	Image description
5204-1005_1	after treatment, side 1
5204-1005_2	after treatment, side 2

DESCRIPTION (taken from context register):

Possibly a first futtock with joggled edge suggesting clinker style construction. There are 11 joggles, suggesting planking size of approximately 25cm in width by 6cm thickness. The angle of convergence of the joggles suggests the futtock may have been close to the forward or aft section of the vessel. There is no evidence of fastenings.

CONDITION:

The item was originally waterlogged and from a marine environment. The timber has dried out resulting in surface cracks and deep checking. The wood is friable and crumbling. There are silt deposits on the surface, along with powdery iron corrosion and staining. There is also a substantial layer of dirt. Patches of salt efflorescence are present.

TREATMENT:

As much as possible of the loose material was removed using a soft brush in the presence of a vacuum cleaner.
The surface of the timber was consolidated with 3% 'Mowital B30H' (polyvinyl butyral) in industrial methylated spirit.

RECOMMENDATIONS:

Stable mid-range humidity (50%RH).

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5204
Date finished:	15.07.2011	Object number:	1005

Drawing on hard copy: N

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5204
Date finished:	15.07.2011	Object number:	1007

Simple name:	futtock
Materials:	wood

IMAGES:

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Image name	Image description
5204-1007_1	after treatment, side 1
5204-1007_2	after treatment, side 2

DESCRIPTION (taken from context register):

Timber futtock, most likely first futtock, showing approximately 6 joggles.

CONDITION:

The item was originally waterlogged and from a marine environment. The timber has dried out resulting in large surface cracks and very deep checking. The wood is very friable and crumbling.

There are silt deposits on the surface, along with powdery iron corrosion and staining. There is also a substantial layer of dirt. Patches of salt efflorescence are present.

TREATMENT:

As much as possible of the loose material was removed using a soft brush in the presence of a vacuum cleaner.

The surface of the timber was consolidated with 3% 'Mowital B30H' (polyvinyl butyral) in industrial methylated spirit.

RECOMMENDATIONS:

Stable mid-range humidity (50%RH).

Site name:	London Gateway	Site code:	72434
Conservator:	LPW	Context:	5204
Date finished:	15.07.2011	Object number:	1007

Drawing on hard copy: N