

IOWA STATE UNIVERSITY

OF SCIENCE AND TECHNOLOGY

Preservation Department

CONSERVATION CONDITION REPORT AND TREATMENT PROPOSAL

Date received: 9/5/2014 (By Melissa Tedone)

Date of report: 8/24/2016

Conservator: Sofia (Sonya) Barron

Call Number: RS 16/3/57

Barcode/Bib Record:

Title: WWII posters, William H. Stacy papers

Curator/Archivist: Amy Bishop

Format: flat paper

Materials: red and blue printing ink, paper

Dimensions with board support: **H** 72.4 cm x **W** 56.3 cm x **Th** 0.7 cm

Notes: There are eleven (11) posters in this group.

CONDITION REPORT

Description

The posters are staple-bound to a heavy duty board along the top edge. The board is a display easel. The printing inks are red and blue on a white background; medium weight machine made paper.

Condition

There are several significant tears in the top poster, "Food fights for victory". There is a small rectangular loss in the bottom left corner. The poster exhibits staining and discoloration. It is more brittle than the other posters in this group.

TREATMENT PROPOSAL

1. Remove staples. Disassemble the bound posters. Set aside the first poster for treatment.
2. Test inks for solubility in water. If inks are not sensitive, wash the poster by immersion. If inks are sensitive, do not wash.
3. Mend tear and fill loss. Humidify and flatten.
4. Re-create the original format of the bound posters on the easel, using loops of sewing thread in place of the staples.

Estimated hours: 25

Photos on file: BT, AT

Curatorial Approval Signature: _____

Date signed: _____

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CONSERVATION TREATMENT REPORT

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TREATMENT REPORT

1. Removed staples. Separated the posters from the board easel. Repaired the strip of blue card board used under the staples for the binding. Used heavy weight Japanese tissue and paste for the repair, concealed between delaminated layers of the card board.
2. Torn poster (first, top-most poster): Red printing ink was found to be mildly soluble in de-ionized water. Because of the brittleness of the paper support, it was judged that minor loss of ink during immersion washing was an acceptable risk, when weighed against the overall benefit of stabilizing the paper support through deacidification.
3. The poster was washed by immersion in alkalized water, buffered by saturated calcium hydroxide to pH 8.5. The poster was sized with an aqueous 1% solution of 4M methyl cellulose.
4. After drying between felts, the poster was humidified to align tears.
5. The tears were mended with light weight Japanese tissue and wheat starch paste. The loss in the bottom left corner was filled with a pre-toned laminated tissue, also using paste.
6. Because of the fragility of the treated poster, it could no longer be handled safely in its original bound format. The treated poster was housed in a Mylar L-sleeve, separately from the rest of the posters in the group.
7. The other posters in the group were reattached to the board easel and the strip of blue card board, using loops of softened sewing thread in place of the staples.
8. The encapsulated poster and the re-bound posters on the easel were housed together in a 10pt buffered folder.

RS 16/3/57

Estimated hours: 25

Photos on file: BT, DT, AT

Materials used:

Tissues: Tengucho 9gsm, pre-toned Tengucho 7.3gsm, Usu Mino 16gsm, Senkashi 60gsm.

Calcium hydroxide, Zen Shofu wheat starch paste, 4M methyl cellulose, cotton sewing thread, Mylar, 10pt buffered board.

Hours spent: 25

Photos on file: AT, DT, BT

Curatorial Approval Signature: _____

Date signed: _____

Before Treatment



Recto



Verso, first poster

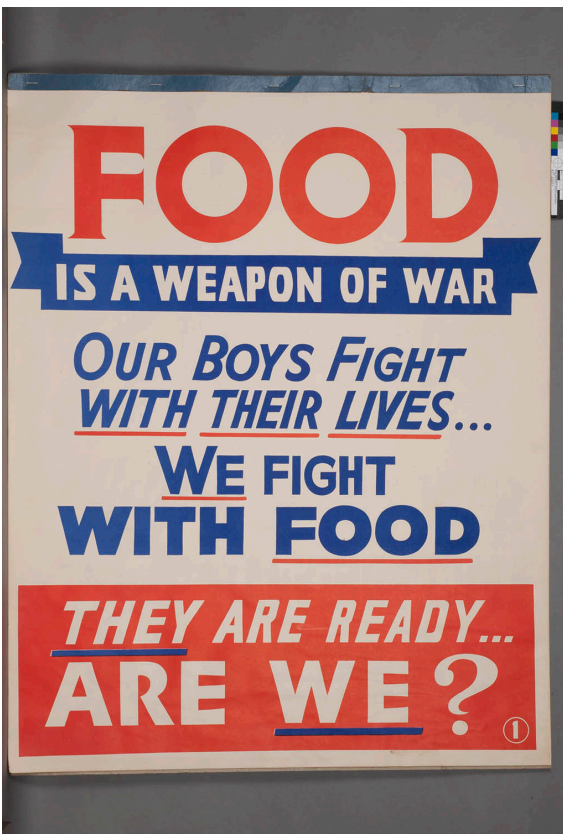
After Treatment



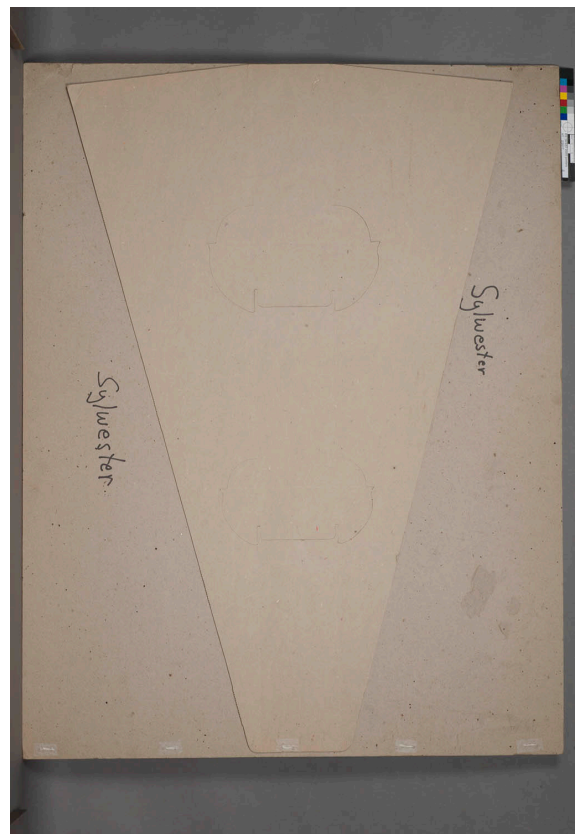
Recto, first poster



Verso, first poster



Recto, poster pad



Verso, poster pad