

BILL OF MATERIAL						
CHG.	NO REQ	NAME	MATERIAL	PAT OR PIENO	REMARKS	PG. NO.
	1	MAINPIECE	C. S.	304-211-1	EST. ROUGH WT. 15100	1
	1	MAINPIECE EXTENSION	"	304-211-2	" " " 1275	2
	1	UPPER ARM	"	304-211-3	" " " 5675	3
	1	MIDDLE ARM	"	304-211-4	" " " 4850	4
	1	LOWER ARM	"	304-211-5	" " " 3580	5
	1	UPPER PINTLE	MED. S.			6
	1	MIDDLE PINTLE	"			7
	1	LOWER PINTLE	"			8
	1	UP PIN SLEEVE	COMP. G	304-211-9	EST. ROUGH WT. 119	9
	1	MID PIN SLEEVE	"	304-211-10	" " " 123	10
	1	LOWER PIN SLEEVE	"	304-211-11	" " " 108	11
	1	RUPPER PLATE	H. S. M.		13 1/4" x 4 9/16" x 19 5/8" (10700)	12
	3	NUT (FOR PINTLE)	MED. S.		SPECIAL 13 1/4" THDS	13
	2	KEY	"		1 1/8" x 3 1/4" x 14 1/2" LONG	14
	1	KEY	"		1 1/8" x 3 1/4" x 13 1/4" LONG	15
	8	BOLTS	"		4 1/2" DIA. 14 3/4" LG. U.S. 4 THDS	16
	8	NUTS (SPECIAL REQ.)	"		4 THDS. - SEE DETAIL	17
	11	SPLIT PIN	BRASS		3/8" DIA. 4 1/2" LONG	18
	1	STOCK				19

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SUPT. CONSTR'S STAMP	BUREAU STAMP
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4. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).



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CURT CONSTRIS

SOFT. CONSTR.'S

No. *London Kopp*

BLUE PRINTS	DATE COMPLETED	BY
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BLUE PRINTS			SUPT. CONSTR			HULL DEPARTMENT	
PL. No.	DEPT.	No. Pts.	PL. No.	DEPT.	No. Pts.	SENT TO	RETURNED BY

NEW YORK SHIPBUILDING CORPORATION

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DRAWN BY J. C. W. TRACED BY 1017 CHECKED BY W
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RIPPER

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DB 304 311C

DR. 504-211-C

APPROVED SCALE $\frac{3}{4}$ " = 1'-0"

APPROVED SCALE $\frac{1}{4} = 12 = 11001$

FORM 751-A-1M 34 OCT 18

Foundation

MAT'L ORDERED ON
B/M'S-182-CHG. 211.

HULL DEPARTMENT
NEW YORK SHIPBUILDING CORPORATION
CAMDEN, NEW JERSEY, U. S. A.
DRAWN BY J. C. W. TRACED BY 1017 CHECKED BY *W*
DATE CHIEF DRAFTSMAN *W*
RUDDER
DR. 704-211-C
APPROVED SCALE $\frac{3}{4}'' = 1' = 12''$ FOOT.

APPROVED SCALE $\frac{3}{4}" + 1\frac{1}{2}" = 1 \text{ FOOT.}$

24 24 16 16 8 8 4 4 2 2 1 1 0.5 0.5 0.25 0.25 0.125 0.125 0.0625 0.0625 0.03125 0.03125 0.015625 0.015625 0.0078125 0.0078125 0.00390625 0.00390625 0.001953125 0.001953125 0.0009765625 0.0009765625 0.00048828125 0.00048828125 0.000244140625 0.000244140625 0.0001220703125 0.0001220703125 0.00006103515625 0.00006103515625 0.000030517578125 0.000030517578125 0.0000152587890625 0.0000152587890625 0.00000762939453125 0.00000762939453125 0.000003814697265625 0.000003814697265625 0.0000019073486328125 0.0000019073486328125 0.00000095367431640625 0.00000095367431640625 0.000000476837158203125 0.000000476837158203125 0.0000002384185791015625 0.0000002384185791015625 0.00000011920928955078125 0.00000011920928955078125 0.000000059604644775390625 0.000000059604644775390625 0.0000000298023223876953125 0.0000000298023223876953125 0.00000001490116119384765625 0.00000001490116119384765625 0.000000007450580596923828125 0.000000007450580596923828125 0.0000000037252902984619140625 0.0000000037252902984619140625 0.00000000186264514923095703125 0.00000000186264514923095703125 0.000000000931322574615478515625 0.000000000931322574615478515625 0.0000000004656612873077392578125 0.0000000004656612873077392578125 0.00000000023283064365386962890625 0.00000000023283064365386962890625 0.000000000116415321826934814453125 0.000000000116415321826934814453125 0.0000000000582076609134674072265625 0.0000000000582076609134674072265625 0.00000000002910383045673370361328125 0.00000000002910383045673370361328125 0.000000000014551915228366851806640625 0.000000000014551915228366851806640625 0.0000000000072759576141834259033203125 0.0000000000072759576141834259033203125 0.00000000000363797880709171295166015625 0.00000000000363797880709171295166015625 0.000000000001818989403545856475830078125 0.000000000001818989403545856475830078125 0.0000000000009094947017729282379150390625 0.0000000000009094947017729282379150390625 0.00000000000045474735088646411895751953125 0.00000000000045474735088646411895751953125 0.000000000000227373675443232059478759765625 0.000000000000227373675443232059478759765625 0.0000000000001136868377216160297393798828125 0.0000000000001136868377216160297393798828125 0.00000000000005684341886080801486968994140625 0.00000000000005684341886080801486968994140625 0.000000000000028421709430404007434844970703125 0.000000000000028421709430404007434844970703125 0.0000000000000142108547152020037174224853515625 0.0000000000000142108547152020037174224853515625 0.00000000000000710542735760100185871124267578125 0.00000000000000710542735760100185871124267578125 0.000000000000003552713678800500929355621337890625 0.000000000000003552713678800500929355621337890625 0.0000000000000017763568394002504646778106689453125 0.0000000000000017763568394002504646778106689453125 0.00000000000000088817841970012523233890533447265625 0.00000000000000088817841970012523233890533447265625 0.000000000000000444089209850062616169452667236328125 0.000000000000000444089209850062616169452667236328125 0.0000000000000002220446049250313080847263336181640625 0.0000000000000002220446049250313080847263336181640625 0.00000000000000011102230246251565404236316680908203125 0.00000000000000011102230246251565404236316680908203125 0.000000000000000055511151231257827021181583404541015625 0.000000000000000055511151231257827021181583404541015625 0.0000000000000000277555756156289135105907917022705078125 0.0000000000000000277555756156289135105907917022705078125 0.00000000000000001387778780781445675529539585113525390625 0.00000000000000001387778780781445675529539585113525390625 0.000000000000000006938893903907228377647697925567626953125 0.000000000000000006938893903907228377647697925567626953125 0.0000000000000000034694469519536141888238489627838134765625 0.0000000000000000034694469519536141888238489627838134765625 0.00000000000000000173472347597680709441192448139190673828125 0.00000000000000000173472347597680709441192448139190673828125 0.000000000000000000867361737988403547205961240695953369140625 0.000000000000000000867361737988403547205961240695953369140625 0.00000000000000000043368086899420177360298062



Foundation

NEW YORK SHIPBUILDING CO.
CAMDEN, N. J., U. S. A.
BLUE PRINT ROOM

Print No. _____

Made DEC 8

For Dest. _____

Sm

004411-004417-0206

© 2020



27 Yr 304

Rudder

Gen. Box 435

Is Gulf Coast



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Lloyd's Register
Foundation

004411-004417-0208