

No. 45 Survey held at Altona Date 19 February 1873
on the Barque, Honkong Master W Brandhoff Rec'd 28/2/73
Tonnage under tonnage deck 450 Built at St. Magnusath Wier When built 1863 m 4 Launched
Ditto of poop or spar deck 60 By whom built G. Kruschmüller Owners E. Hemptenmacher
Total tonnage 510 Port belonging to Briggenwalde Destined Voyage New York
If Surveyed while Building, Afloat, and in Dry Dock

Length as per section 39 ..	Feet. 134	Inches.	Extreme Breadth Outside	Feet. 26	Inches. 8	Depth of Hold	Feet. 15	Inches. 5	Number of Decks <u>2</u>
Length of Keel	120								
Scantlings of Timber.									
TIMBER AND SPACE									
Floors	11	12				Outside Plank.			Dimensions of Ship per Register,
1 st Foothooks						Garboard Strakes ..	8" x 14"		length _____ breadth _____ depth _____
2 nd Ditto	9	10				Garboard to Bilge ..	5" x 10"		
3 rd Ditto	10					Bilge Planks	5"		Inside Plank.
Top Timbers	6	9				Bilge to Wales	4"		In Ship. Required per Rule.
Deck } N ^o 32 Average } 4 feet	8 1/2	11				Wales	4" x 7"		Limber Strakes ...
Beams }						Topsides	4" x 7"		Bilge Planks
Deck Beams, length amidships	25					Sheer Strakes	4" x 7"		Ceiling in Flat
Hold } N ^o 11 Average } 12 feet	10	11				Plank Sheers	4" x 7"		Ditto Bilge to Clamp
Beams }						Water- } Upper Deck	8" x 16"		Hold Beam Clamps ..
Hold Beams, length amidships	25					Ways } Lower Deck	11" x 16 1/2"		Deck Beam Ditto ..
Keel	14	18							Ceiling 'twixt Decks
Scarp of Ditto	9					Ditto, faying surface			Hold Beam Shelves ..
Keelsons	16	16 1/2				against Timbers ..			Deck Beam Ditto ..
Scarp of Ditto	7					Upper Deck	3" x 5"		

Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, or Iron; also of Treenails.

Heel-Knee, & Deadw'd abaft	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule	Transoms and throats of Hooks	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule	Hold Beam	Waterway ..	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule
Scarp of Keel, N ^o				Arms of Hooks	Iron and			Bolts in	Knees	1"	1"	
Keelson Bolts through Keel				Thro' Bilge & Limber Strakes	Y.M.				Shelf or Clamp	1"	1"	
at each Floor	1 1/8			Thickstuff over Double Floors	fastening			Deck Beam	Waterway ..		1"	
Bolts thro' Heels of Timbers				Butt End Bolts				Bolts in	Knees		1"	
against Deadwood	1 1/8			Pintles of the Rudder					Shelf or Clamp		1"	
								Nails or Bolts in Flat of Deck			1"	
								Treenails 1 1/2" Inches				

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 4 Inches. The Space between the Top-Timbers is 4 1/2 Inches.

The Floors consist of German oak The First Foothooks of German oak

The Second Foothooks of German oak The Third Foothooks and Top Timbers of German oak

The Shifts of the First and Second Foothooks are not less than all sufficient for as to be seen N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are _____

The Frame is not quite squared from First Foothook Heads upwards, and not quite free from sap, and from thence downwards, the frame is AB

The _____ Frames are _____ bolted together to the Gunwale. N. B. If not, state how bolted.

The Butts of the Timbers are _____ close together; their thickness not less than _____ of the entire moulding at that place.

The Frame is _____ chocked with _____ Butt at each end of the chock. The Main piece of Rudder is 18 of Windlass is 18

The Keel is beech The Main Keelson is oak german and yes free from all defects.

The Stem, and Stern Post of german oak The Transoms, Knight Heads, Hawse Timbers,

and Aprons of german oak Deadwood, of german oak and are yes free from all defects.

The Deck and Hold Beams of german oak The Breasthooks of german oak The Knees of iron and g oak

Planking Outside.—From the Keel to the Height defined in Note to Table A } the Plank is german oak and pitch pine
or to the First Foothook Heads }

From the above named Height to the Light Water Mark oak

From the Light Water Mark to the Wales oak

The Wales and Black-strakes are 8 strakes of 13 on port side The Topsides & Sheer-strakes are of the same size

The Spircketting and Plank-sheers are of iron bolts The Water-ways { Upper Deck iron bolts

The Decks are of white pine State of good Lower Deck iron bolts and treenails

The Shifts of the Planking are not less than 6 to 10 Feet _____ Inches. N. B. If less than prescribed by the Rule, state whether general

or partial, and if partial, in what part of the Ship. The Planking is wrought _____ between, and without step-buttling.

Planking Inside.—The Limber-strakes and Bilge-strakes are of german oak and pitch pine

The Ceiling, Lower Hold, and between Decks of german oak and pitch pine Shelf Pieces and Clamps of german oak

Fastenings.—To Hold Beams with iron and horizontal wooden knees between the beams

The iron knees are 4 1/2 long by 3 1/2 x 2 1/2 on the top and 3 1/2 x 1 1/4 below the wooden knees

are of german oak and 8" x 8"

Deck Beams with iron straps around the timbers 3" x 5/8 and iron knees 3 1/2 x 2 1/2 on the top

and 3 1/2 x 1 1/4 below, iron bolted 1" diam

Number of Breasthooks 5 forward 3 aft Pointers _____ Crutches _____

Butt End Bolts are of iron and yellow M in the Bottom. 3/4 dia Bolts in each Butt End yes through and clenched.

Bilge and Limber Strakes yellow M bolted through and clenched. Treenails of cack How Made _____

Thickstuff over Double Floors _____ bolted through and clenched. General Quality of Workmanship good

We certify that the above is a correct description of the several particulars therein given

Builder's Signature J. H. F. Wickhorst Surveyor's Signature Emil Brandhoff

2000-0002

Her Masts, Yards, &c. are in good condition, and sufficient in size and length. are in diam 20 inches & 18 inches

N ^o .	She has SAILS.	CABLES, &c.	Fathoms.	Size.	Tested to, as per Certificate.	ANCHORS, &c.	N ^o .	Weight. Ex. Stock.	Tested to, as per Certificate.
Overhauled and renewed where necessary and	Fore Sails,	Chain	in good length and size			Bower,			
	Fore Top Sails,	Hempen Stream Cable ..							
	Fore Topmast Stay Sails,	Hawser							
	Main Sails,	Towlines				Stream,			
	Main Top Sails,	Warp							
		All of quality.				Kedge,			

Her Standing and Running Rigging sufficient in size and in quality.

She has Long Boat and

The present state of the Windlass is Capstan Rudder Pumps

Order for Special Survey,

No. Date

DATES of Surveys

held while building,

as per Section 35.

1st. When the Frame is completed

2nd. When the Beams are put in, &c.

3rd. { When completed, and before the }
plank be painted or payed }

Order for Ordinary Survey,

No. Date

General Remarks

The vessel placed in floating dock, yellow metal sheathing stripped, vessel dugged and scraped bright, from the keel to gunwale including plankers, waterways, knighthead, & E bolts and trenails driven out for inspection, a strake of topside planking all fore and aft, for examination of timbers, beam ends bored. All air courses cleared, windless unhung and stripped palbit and hit found good chain cables ranged on deck and found sufficient. Mast spars rigging sails overhauled and renewed, where necessary Repairs now done. Nine strakes of outside planking renewed with of wales stripped of starboard side and thirteen strakes on port side 80 to 100 feet long and renewed with pitch pine 4' x 8' inch. The former boltholes are used again and filled out with 1" inch iron bolts. 18 Joistimbers of german oak on starboard side and 22 Joistimbers ^{are renewed} of port side, 1 deckbeam new and 2 are scarphed. All iron knees and waterways rebolted and the waterway 40 feet on main deck port side renewed. Inside 9 timbers of the 1th Footboards renewed and 9 strakes (pitch pine) 40 to 60 feet long on each side, 2 Breastboards renewed 12 x 12. Vessel caulked throughout. A great quantity of trenails driven out and found good.

I am of the opinion she is fit to be reclassified AI in Red for 3 years free

Present condition of Caulking of Bottom, new caulked Deck, ditto and Waterways ditto

If Sheathed, Doubled, Felted, or Coppered not settled about coppering When last done

I am of opinion this Vessel should be Classed AI in Red for 3 years

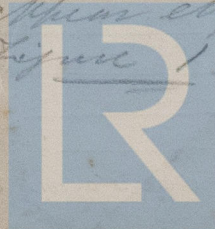
The Amount of the Fee.....£ 5 : 0 : 0 is received by me,

Special£ 10 : 10 : 0

Certificate£ : 5 : 0

Committee's Minute 28th February 1873

Character assigned A in red



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Lloyd's Register Foundation

N^o.

She has SAILS.

CABLES, &c.

Fathoms.

Size.

Tested to.
as per
Certificate.

ANCHORS, &c.

N^o.Weight.
Ex. Stock.Tested to.
as per
Certificate.

Her Masts, Yards, &c. are *of pitch pine* condition, and sufficient in size and length. *good*

<i>All main sails double</i>	She has SAILS.		CABLES, &c.		Fathoms.	Size.	Tested to. as per Certificate.	ANCHORS, &c.		N ^o .	Weight. Ex. Stock.	Tested to. as per Certificate.
	N ^o .											
	2	Fore Sails,	Chain	180		1 3/16"		Bower,	2		17-16	
	2	Fore Top Sails,	Hempen Stream Cable ..	80		1 1/2"			1		15	
	2	Fore Topmast Stay Sails,	Hawser	120		6"		Stream,	1		5	
	2	Main Sails,	Towlines	120		5		Kedge,	1		2	
	2	Main Top Sails,	Warp	120		4						
		and	All of _____ quality.	120		4						

Her Standing and Running Rigging _____ sufficient in size and _____ in quality.

She has *three boats* Long Boat ~~and~~ *18 - 24 - 20*

The present state of the Windlass is *good* Capstan *good* Rudder *good* & Pumps *good*

Order for Special Survey,

No. _____ Date _____

Order for Ordinary Survey,

No. _____ Date _____

DATES of Surveys

held while building,

as per Section 35.

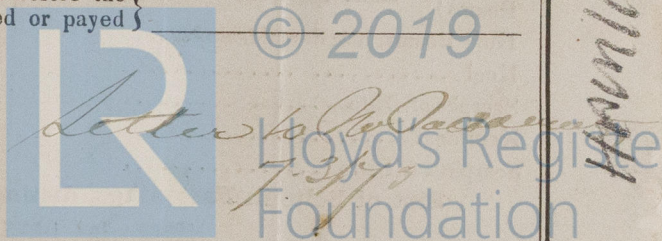
1st. When the Frame is completed _____

2nd. When the Beams are put in, &c. _____

3rd. { When completed, and before the }
plank be painted or payed } _____

General Remarks

*chain cables ranged on deck and found good. Mast spars rigging
sails overhauled and renewed, where necessary*



HMS 116 - 0002 1/2