

# Lloyd's Register of Shipping.

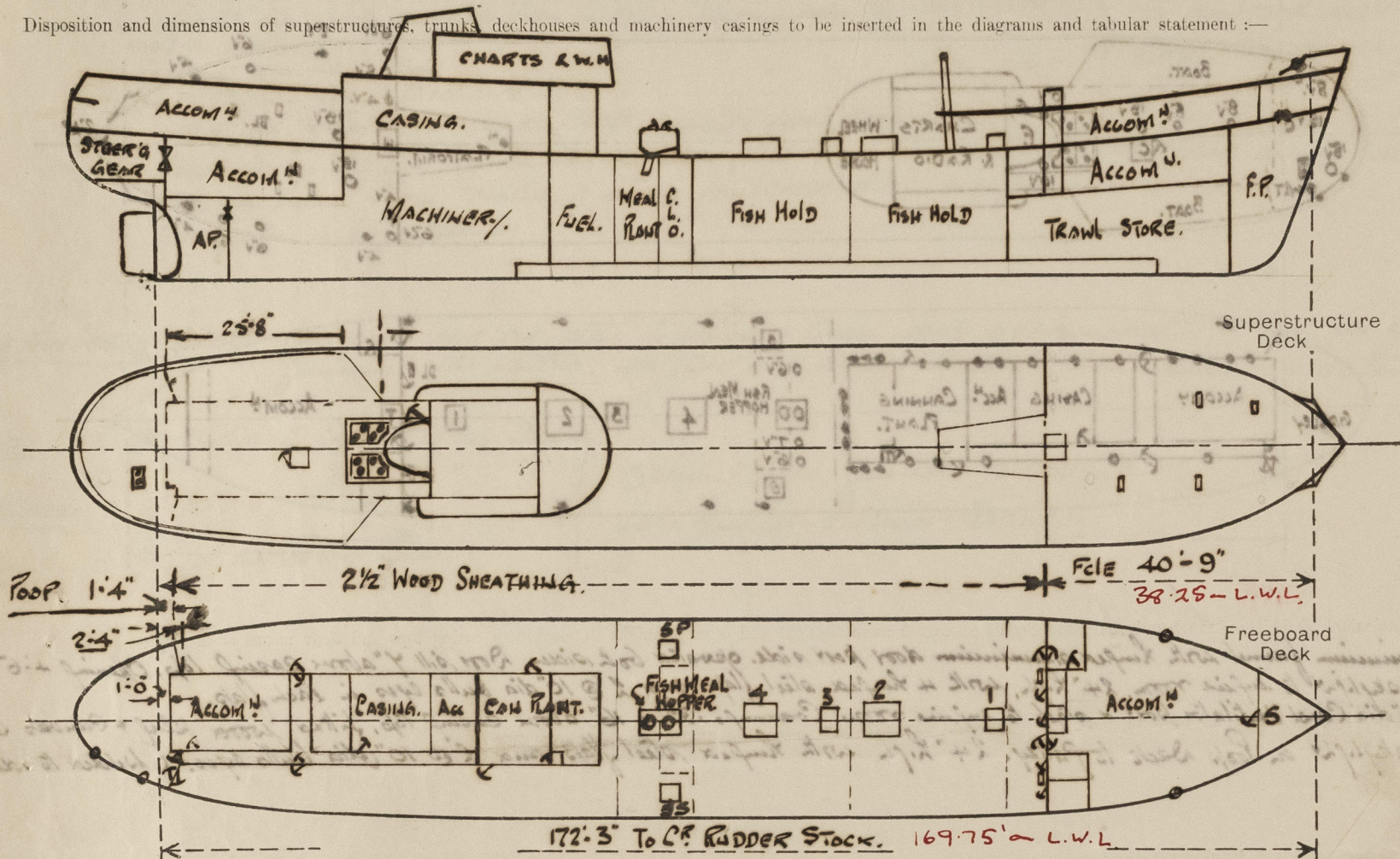
## SURVEYS FOR FREEBOARD.

### (CONDITIONS OF ASSIGNMENT.)

 Index No. \_\_\_\_\_  
 (For London Office only.)

Ship's Name MOTOR TRAWLER "MUKSUN" Port of Survey LOWESTOFT.  
 Official Number - Surveyor's Signature R. B. T.  
 Nationality and Port of Registry U.S.S.R. MURMANSK. Date of Survey DURING CONSTRUCTION.

Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	.30	.30	3 x 2 1/2 x 1/4 F	30"	none	1 @ 4'3" x 24"	24"	7'3"
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...								
Bridge, Forward Bulkhead ...								
Forecastle Bulkhead ...	.36	.25	3 x 1/4 Flat.	30"	none	6 @ 4'3" x 24"	24"	7'3"
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	.30	.30	3 x 2 1/2 x 1/4 F	30"	Skls Top.	none		7'3"
Exposed Machinery Casings on Superstructure Decks ABOVE Boat Deck	.30	.30	3 x 2 1/2 x 1/4 F	30"	Skls Top	none		24"
Machinery Casings within Superstructures fitted with Class 1 Closing Appliances INSIDE DECK HOUSE	.30	.30	3 x 2 1/2 x 1/4 F	30"	Skls Top.	1 @ 6'0" x 25"	6"	7'3"
Deckhouses on Flush Deck Ships ...	.30	.30	3 x 2 1/2 x 1/4 F	30"	Skls Top.	4 @ 4'3" x 24"	24"	7'3" & 10'3"
" FORWARD BULKHEAD.	.30	.30	3 x 2 1/2 x 3/2 F	24"	Skls Top.	none		10'3"

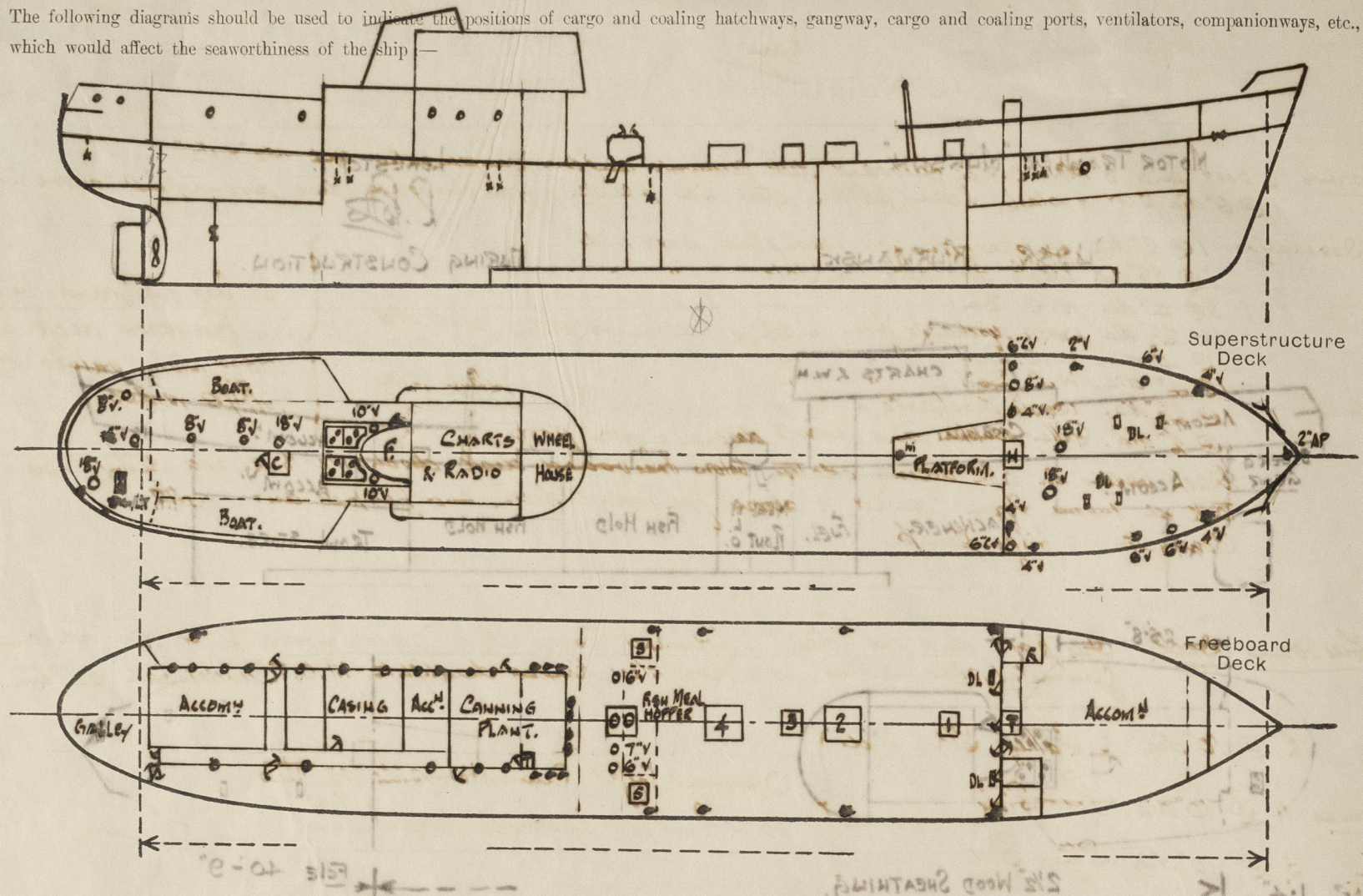
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	One hinged steel w.t. door (Class 1) with strong wood door in halves inside all operated both sides
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	
Bridge, Forward Bulkhead ...	
Forecastle Bulkhead ...	One hinged steel w.t. door (Class 1) to trunk to let stores
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	Two hinged steel w.t. doors (Class 1) with strong wood door behind to accommodate all operated both sides.
Exposed Machinery Casings on Superstructure Decks ...	One weatherlight hinged steel door (Class 2) to deck stores
Machinery Casings within Superstructures fitted with Class 1 Closing Appliances INSIDE DECK HOUSE	none.
Deckhouses on Flush Deck Ships ...	One hinged steel door (Class 2) operated both sides. One port - one starboard hinged steel w.t. door (Class 1) with strong wood door behind to accom. One port - one starboard hinged steel w.t. door (Class 1) to casing plant. All operated both sides.



### PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, ventilators, companionways, etc., which would affect the seaworthiness of the ship —



Particulars of fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing :-

*Aluminium funnel with hinged aluminium door port side, quarter bulkhead, stern sill & Y above casing 1/2p. Opening 4'6" x 24".*  
*Steel skylight to engine room, 24" high, with 4 hinged steel flaps and 2 @ 10" dia bulls eyes in each flap.*  
*1 @ 10" dia Coast Ventilator port & starboard to engine room. Coaming .32" x 16" above casing 1/2p, fitted with wood plug & canvas cover.*  
*Steel skylight on poop deck to galley, 24" high, with hinged steel flaps and 2 @ 10" dia bulls eyes. (Welded to deck)*

Particulars of Flush Bunker Scuttles :—

have.

Particulars of Companionways :—

Strong steel companionway on boat deck, to accommodation in deckhouse below, fitted with strong wood door operated both sides. Opening 4'-3" x 24" with 20" sill.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks

Particulars of Ventilators in exposed positions on foreboard and superstructure decks

Deck	Loc.	Size	Material	Remarks
Fore Deck	3 @ 4	4" dia	Galv. Iron	with wooden plugs attached by chain.
	3 @ 6	6" dia	Coaming	30" x 36" galv. iron with portable frame nears and closer with wooden plugs & canvas cover.
	2 @ 6	6" dia	Coaming	30" x 36" galv. iron with portable cover. Closer with wooden plugs & canvas cover.
	2 @ 8	8" dia	Coaming	40" x 36" galv. iron with portable frame nears and closer with wooden plugs & canvas cover.
	1 @ 8	8" dia	Coaming	30" x 36" galv. iron with wooden plug attached by chain.
Starboard Deck	2 @ 6	6" dia	Coaming	30" x 36" galv. iron with portable cover and closer with wooden plugs & canvas cover.
	1 @ 4	4" dia	Coaming	30" x 36" galv. iron with portable frame nears and closer with wooden plugs & canvas cover.
	1 @ 4	4" dia	Coaming	30" x 36" galv. iron with portable frame nears and closer with wooden plugs & canvas cover.

Pops and Boat Seats

1 @ 15" dia Ex-Luxor Fan Vent. Coaming 24" L x 36" W, with Collet French Head 12S.W.G. Launder fan, efficiently stayed and head fitted with canvas cover, also fitted with collet & painted plate for Clonal Coaming waterproofed when fan is unscrewed.

2 @ 8" dia Coaming .40" x 30" L x P fitted with suitable french heads & stbd with wood plugs & canvas covers

3 @ 8" dia .40" x 30" " " " " " " " " " "

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:—

Particulars of Air Pipes in exposed positions on fireboard, raised quarter, or superstructure decks:

4<sup>th</sup> Deck 1 @ 2" dia. for Hot Air Pipes 24" high under box chock fitted with wood plug attached by chain.

Submarine Deck

6 @ 2" dia.	D.B. Fresh Water Tank Air Pipes 34" high under bulwark rail fitted with N.R. ball valves & canvas covers.
2 @ 2 1/2" dia.	Port Line Oil Tank air pipes 34" high under bulwark rail fitted with N.R. ball valves & canvas covers.
1 @ 2" dia.	Selling Tank air pipes 8'-0" above deck fitted with water gauge & canvas covers.
2 @ 1" dia.	Desal. Tank for Tank 2 air pipes: 8'-0" above deck, fitted with water gauge & canvas covers.
2 @ 1" dia.	" Double Bottom " " " " " " " " " " " "
2 @ 1" dia.	Oil Fuel Supply Tanks " " " " " " " " " " " "
1 @ 1" dia.	Sub Oil Tank " " " " " " " " " " " "
2 @ 3" dia.	" " " " " " " " " " " "
1 @ 2" dia.	Fuel Oil Service Tank " " " " " " " " " " " "
1 @ 2" dia.	Oil Tank Air Pipes 34" high under bulwark rail fitted with N.R. ball valves and canvas covers.

All 8'-0" high air pipes securely clipped to deck lance, and SWIFTING HOLES drilled in top of all air pipes bands under bulwark rail.

Particulars of Gangway Cargo and Coaling Ports :—

Particulars of Scuppers and Sanitary Discharge Pipes :—

Particulars of Scuppers and Sanitary Discharge Pipes:—  
Deck Scuppers 6 ports and 6 side cut in foreboard deck forward aft & compensation each  $4\frac{1}{2}$ " x  $1\frac{1}{2}$ "  
1 @ 6" dia port & side, & side pattern steel pipe scuppers, from foreboard deck discharging above h.w.h.

Sanitary Discharges. 1 @ 2" dia. scupper from fore wash place port side  
1 @ 2½" dia. waste discharge from fore " "  
1 @ 4" dia. W.C. Soil " "  
1 @ 2½" dia. waste discharge from midship accommodation port side  
1 @ 4" dia. W.C. Soil " "  
1 @ 4" dia. W.C. Soil " " " " starboard side.  
1 @ 2½" dia. waste discharge " " " "  
1 @ ½" dia. Galley scupper and waste discharge from poop " "

All lead overboard below  
the freeboard deck with  
brass storm valves at  
ships sides ✓

Wash basins in aft accommodation below foreboard deck, discharge to closed drain water tank in engine room. Vent to above foreboard deck, and pumped out with connection to bilge pump. ✓

Particulars of Side Scuttles :—

Particulars of Side Scuttles:—  
Below Foreboard Deck. One port and one starb. to forward tween deck accommodation 9" dia. hor. opening  
 gunmetal side scuttles, with cast steel hinged deadlight. M.O.T. underwater pattern.

Poop 2 @ 10" dia. 1/2 Galley Starb Side ✓  
Deckhouse 11 @ 10" dia. Port Side ✓  
 & Casin 5 @ 10" dia Starb Side ✓

} Opening type gunmetal side scuttles  
 with hinged attached deadlight.

Vertical distance of Sill of lowest Side Scuttle above top of keel

14.3"

Particulars of Guard Rails :—

Half Deck. Stanchions 3:3" h/pt 4'-0" apart with three rails.  
Foreward Deck Bulwarks 3:3" h/pt x .30" thick with 4" x 3" x 35' B.L. Laid Bars and 2 1/2" x 1 1/4" Cope bars.  
 Bulwark Stanchions 4" x 4 1/2" bulb plate with 3" x 3" x 30" angle stiffeners - 5'-6" apart.

Particulars of Gangways, Lifelines, etc. :—

Rope welder port & starb to aft deckhouse and forecastle from fore  
steel wire lifelines fitted with stretching pins.


Particulars of Freeing Arrangements.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well ... ..	131' 0" ✓	3' 3" ✓	30" x 14"	9 ✓	26.25 $\frac{1}{4}$ ✓	26 $\frac{1}{4}$ ✓
Forward Well ... ..						

State position of each freeing port ... .. { After Well :- } Distances of forward edge of port aft of Forecastle beam.

(F. and A. position and height above deck edge) { Forward Well :- } 10' 0" 28' 0" 43' 0" 54' 0" 64' 3" 78' 0" 88' 0" 103' 0" and 116' 0" All ports 9 1/2" above p/deck.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :- Semi balanced doors with one protecting rail.

Additional area where sheer is less than standard.



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# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECK.								
FREEBOARD DECK.								
Description of Hatchway	No. 1.	No. 2.	No. 3.	No. 4.	No. 5. P.	No. 5. S.	FISH MEAL HOPPER.	Fele Deck. Trawl Store TRUNK.
Dimensions of Hatchway	ICE HATCH	FISH HATCH	ICE HATCH	FISH HATCH	FISH MEAL H.	FISH MEAL H.	HOPPER.	
	33" x 33"	60" x 48"	33" x 33"	60" x 48"	24" x 21"	24" x 21"	54" x 36"	36" x 36"
COAMINGS	Height above Deck	24"	24"	24"	24"	3"	3"	42"
	Thickness	30"	30"	30"	30"	30"	30"	30"
	Stiffeners							
	Brackets, Stays							
HATCH BEAMS	Number							
	Spacing							
	Scantling and Sketch	hms	hms	hms	hms	hms	hms	hms
	Bearing Surface							
FORE AND AFTERS	Number							
	Spacing							
	Unsupported Lengths							
	Scantling* and Sketch	hms	hms	hms	hms	hms	hms	hms
	Bearing Surface							
HATCH COVERS	Material	Wood	Wood	Wood	Wood	Steel	Steel	Wood
	Thickness	2 1/2"	2 1/2"	2 1/2"	2 1/2"	3/8"	3/8"	2 1/2"
	How fitted	Lap	Lap	Lap	Lap	Galv'd	Galv'd	Lap
	Bearing Surface	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"
Spacing of Cleats	24" max	24" max	24" max	24" max	24" max	24" max	24" max	24" max
Number of Tarpaulins	2.	2.	2.	2.	hms	hms	hms	2.
*Are wood fore and afters steel shod at all bearing surfaces? hms. Wood hatch covers fitted with galvanized end bands.								
Are battens and wedges efficient and in good condition? Yes.								
Are tarpaulins in good condition and in accordance with rule requirements? Yes.								
Are lashings provided in accordance with rule requirements? 1" wire lashing and stretching ropes to each Hatch with wood covers.								

Particulars of any special features:—

Fish meal Hopper fitted with substantial plate feet securely welded to deck, and Hopper tube passing through deck also securely welded to deck.

No. 5 Hatchways to port & starb fish meal spaces, are formed of .30" flanged steel coamings, 3" l.p. above the 2 1/2" wood deck sheathing, and welded direct to the steel deck. These hatchways are closed with a 3/8" thick steel plate covers, secured on a rubber gasket to the Hatch rest bar, by 3/4" dia studs and nuts, spaced approx 2.6" apart. These hatches, which are intended only for the discharge of fish meal, when the vessel is in port, will not be opened at sea, and are provided with 2 1/2" thick wooden box covers, secured in place with four 5/8" dia studs and nuts, to protect the fishing gear working over the Hatchways.



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