

Lloyd's Register of Shipping.



Port

LISBON

18th. December 1942

D.804

This is to Certify that

G. Dixon and J. Guthrie

the undersigned Surveyor to this Society did at the request of

the Agents and with the consent of the Master attend on board the

Steamer

"ALASKA"

5681 tons gross, of Haugesund, on the 14th. December 1942 and subsequent dates whilst lying in the N°1 drydock at Lisbon, for the purpose of ascertaining the nature and extent of damage stated to

have been caused by being torpedoed on the 30th. October 1942 whilst on a voyage from Colombo towards Glasgow.

The vessel arrived in Lisbon under her own power on the 13th. November 1942.

This report is complete as far as now seen and includes items referred to in the previous report N° D.792, dated 19th. November

Stealer plate in the previous report
set up 1942

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Upon examination, the undersigned

foundrecommended

(numbers from forward)

Keel plate N°2 badly set up and buckled

to be renewed

Keel plate N°3 set up and buckled

to be removed, faired and refitted.

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:-

"While the Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Society nor any Member of any of its Committees is under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default or negligence of any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."

foundrecommended

Keel plate N°12 slightly buckled in
way of after E.R. bulkhead

to be removed, faired and
refitted

Shell PlatingStarboard side:

Stealer plate A/B strakes badly set
up and buckled

to be renewed

A strake

N° 1 plate badly torn

to be renewed

N° 2 plate badly torn

to be renewed

N° 3 plate set up

to be removed, faired and
refitted

N° 7 plate set up

to be removed, faired and
refitted

N° 11 plate set up

to be removed, faired and
refitted

3 stealer plates in B/C strakes badly
set up or torn

to be renewed

B strake

N° 1 plate badly set up

to be renewed

N° 2 plate badly set up

to be renewed

N° 5 plate set up

to be removed, faired and
refitted

N° 9 plate set up

to be removed, faired and
refitted

C strake

N° 1 plate badly torn

to be renewed

N° 2 plate badly torn

to be renewed

N° 6 plate set up

to be removed, faired and
refitted

N° 7 plate set up

to be removed, faired and
refitted

N° 9 plate set up slightly

to be faired in place

N° 10 plate set up

to be removed, faired and
refitted

Stealer plate in D/E strakes badly
set up

to be renewed

D strake

N° 1 plate badly torn

to be renewed

N° 2 plate badly torn

to be renewed

N° 3 plate set up

to be removed, faired and
refitted

N° 7 plate set up

to be removed, faired and
refitted

N° 8 plate set up

to be removed, faired and
refitted

N° 11 plate set up

to be removed, faired and
refitted



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"Alaska"foundrecommendedE strake

Nº 1 plate badly torn
 Nº 2 plate missing
 Nº 3 plate badly torn
 Nº 11 plate set up

to be renewed
 to be renewed
 to be renewed
 to be removed, faired and refitted

F strake

Nº 1 plate badly torn
 Nº 2 plate missing
 Nº 3 plate part missing
 Nº 4 plate set in
 Nº 12 plate set in

to be renewed
 to be renewed
 to be renewed
 to be removed, faired and refitted
 to be removed, faired and refitted

G strake

Nº 1 plate badly set in
 Nº 2 plate badly torn
 Nº 3 plate badly torn
 Nº 4 plate badly set in

to be renewed
 to be renewed
 to be renewed
 to be renewed

H strake

Nº 1 plate set in
 Nº 2 plate badly torn
 Nº 3 plate badly torn

to be removed, faired and refitted
 to be renewed
 to be renewed

J strake

Nº 3 plate set in

to be removed, faired and refitted

L strake (sheer)

Nº 3 plate fractured
 Nº 7 plate with rivets loose
 Nº 12 plate fractured
 Doubler in way of Nº 12 Plate buckled

to be renewed
 rivets to be renewed
 to be renewed
 to be renewed

M strake

Nº 8 plate slightly set in
 Nº 14 plate slightly set in

to be faired in place
 to be faired in place

Port side

Stealer plate in A/B strakes set up

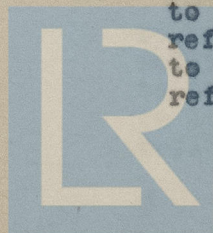
to be removed, faired and refitted

A strake

Nº 1 plate badly buckled
 Nº 2 plate badly buckled
 Nº 7 plate set up

to be renewed
 to be renewed
 to be removed, faired and refitted
 to be removed, faired and refitted

Nº 10 plate set up



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strake (continued)foundrecommended

No 11 plate set up

to be removed, faired and refitted

stealer plates in B/C strakes set up

to be removed, faired and refitted

strake

No 5 plate set up

to be removed, faired and refitted

No 6 plate set up slightly

to be faired in place

No 9 plate set up

to be removed, faired and refitted

No 10 plate set up slightly

to be faired in place

strake

No 8 plate set up

to be removed, faired and refitted

No 9 plate set up

to be removed, faired and refitted

stealer plate in D/E strakes set up slightly

to be faired in place

strake

No 1 plate set up

to be removed, faired and refitted

No 7 plate set up

to be removed, faired and refitted

No 10 plate set up

to be removed, faired and refitted

No 11 plate set up

to be removed, faired and refitted

strake

No 1 plate badly set up

to be renewed

No 11 plate slightly set up

to be faired in place

strake

No 11 plate set in

to be removed, faired and refitted

strake

No 7 plate set in slightly

to be faired in place

strake

No 7 plate set in

to be removed, faired and refitted

strake (sheer)

No 7 plate set in

to be removed, faired and refitted

No 13 plate buckled
Doubler in way of No 13 plate buckledto be renewed
to be removed, faired and refitted

FoundRecommendedM strake

N° 7 plate set in slightly

N° 8 plate set in

N° 13 plate fractured

N° 14 plate fractured

to be faired in place

to be removed, faired and

refitted

to be renewed

to be renewed

Bilge keel shell angle, port and
starboard, fractured amidships for
about 3 lengths

to be renewed

A number of started shell rivets

to be renewed (about 1000)

Forecastle space5 centreline pillars and 6 side pillars
bent slightlyto be removed, faired and
refitted1 hold ventilator trunk, port side,
buckled badly at upper strake

to be renewed

1 hold ventilator trunk, starboard
side, slightly buckledto be released, faired in
place and rerivetedLamplocker bulkhead plating and
stiffeners, port side, badly
buckled (3 plates)to be removed, faired and
refittedCarpenter's shop bulkhead plating
foundation angle riveting started

to be reriveted

12 sidelights broken

to be renewed

Forewell deckUpper and lower strakes of plating
of forecastle front badly buckled
and fractured

to be renewed

Centre strake plating buckled

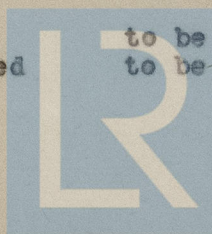
to be removed, faired and
refittedUpper deck plating at forecastle
front set upto be released, faired in
place and rerivetedStringer plate and 3 adjacent plates
port side in way of after corner of
N° 3 hatch buckledto be released, faired in
place and rerivetedBulwark rail in way started at two
straps

straps to be reriveted

N° 1 hatch coaming plate starboard
side buckledto be removed, faired and
refitted

1 hatchbeam missing

4 hatchbeams more or less buckled

to be renewed
to be faired

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"Alaska"Found.Recommended

All hatchbeam shoes buckled

to be removed, faired and
refitted
to be supplied

Hatch covers missing

to be supplied

3 tarpaulins missing

No 1 starboard derrick heel pin
buckledto be removed, faired and
refitted and derrick tested2 foremast shrouds, forestay and
topmast stays brokento be renewed and topmast
wedging overhauledSteam pipe to windlass broken in
two places

to be repaired

Washdeck pipe broken

to be repaired

Port and starboard ladders to
forecastle deck buckledto be removed, faired and
refittedBridge front bulkhead plating
fractured at corners of openings,
port and starboarddoublings in way to be renewed
and plate welded in way of
fracturesBridge deckDeckplating port and starboard
in way of after corner of No 3
hatch buckled1 plate each side remove and
fair, remainder to be released
and faired in place as neces-
saryAfter welldeckRiveting of forward deckplating
started, port and starboard

to be renewed as necessary

Poop deck1 deckplate in way of companion
slightly buckled, and woodwork
of crew's messroom in way brokenplate to be released, faired
in place and reriveted, and
woodwork to be made goodUpper forepeak space

4 beamknees started

to be reriveted

1 bulkhead stiffener buckled,
starboard side

to be faired in place

Lower forepeak space3 bulkhead stiffener footbrackets
loose, starboard side

to be reriveted

Air pipe broken

to be part renewed



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"Alaska"foundrecommendedFore peak tankStarboard side

3 main frames N° 174-183 with reverse frames badly buckled

to be renewed, and beamknees faired

Upper side stringer plate and angle buckled

to be removed, faired and refitted

Lower side stringer plate and angle buckled and torn

to be renewed

Port side

Main frame N° 175 set over reverse frame in way torn

to be faired in place
to be cropped and part renewed

Upper and lower side stringers plates and angles started

to be riveted

Upper and lower stringer panting beams (6 in all) buckled

to be removed, faired and refitted

3 starboard panting beamknees buckled or torn

to be renewed

3 port panting beamknees buckled

to be renewed

4 port panting beamknees buckled

to be removed, faired and refitted

Top stringer shelf on bulkhead buckled

to be renewed

N° 174, 5, 6 deep floors buckled and torn

to be renewed

N° 177-181 deep floors more or less buckled

to be removed, faired and refitted

Centre keelson between bulkhead and N° 174 floor buckled

to be renewed

Centre keelson between N° 174-175 floors slightly buckled

to be removed, faired and refitted

2 centre line pillars bent

to be removed, faired and refitted

Bottom plate in washplate badly buckled

to be renewed

Sounding pipe broken and twisted

to be renewed

Extended spindles to valve bent

to be faired and overhauled

N° 1 Tween deck

3 deckplates at forward corners of hatch badly set up and buckled

to be renewed



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found

"Alaska"

recommended

1 Centreline strake plate at forward end of hatch badly buckled and torn through rivet holes	to be renewed
2 Stringer plates, starboard side, badly buckled	to be renewed
2 Stringer plates, port side, buckled	to be removed, faired and refitted
11 Deck plates badly buckled	to be removed, faired and refitted
7 Deck plates slightly buckled	to be released faired in place and reriveted.
Forward end plate of hatch coaming buckled.	to be removed faired and refitted.
2 tween deck pillars; lugs to deck at forward end of hatch torn.	to be renewed.
1 forward bulkhead plate (collision) badly buckled in way of chain locker.	to be cropped and part renewed.
1 forward bulkhead plate (collision) buckled in way of chain locker.	to be removed, faired and refitted.
Deck girders port & starboard to upper deck at forward end of hatch started	All slack rivets to be renewed.
6 Tween deck beams badly twisted.	to be renewed

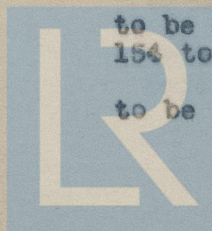
No.1 Lower HOLD.

Collision bulkhead.

Plates Nos.1, 2, 3, 4, & 5 from bottom badly buckled or torn?	to be renewed.
Plate No.6 from bottom buckled.	to be removed, faired and refitted.
8 bulkhead stiffeners and wash plate foundation angle more or less buckled at lower ends.	to be removed, faired and refitted.

Starboard side.

Collision bulkhead boundary angle torn.	to be renewed.
Main frames Nos.156 to 172, including 2 deep frames, torn or missing.	to be renewed.
Main frames Nos.154 and 155 buckled.	to be removed faired and refitted. All beam knees in No.1 Hold to be reriveted.
Upper stringer torn and buckled	to be renewed from frame No. 153 to collision bulkhead.
Centre stringer torn and part missing.	to be renewed from frame No. 154 to collision bulkhead.
Lower stringer missing.	to be renewed.



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"Alaska"

found

recommended

Tank margin brackets N° 154-
to 172 badly buckled or missing

to be renewed

Tank margin brackets N° 142-
to 153 more or less bent

to be removed, faired and
refitted with new lugs and
gussets

Port side

Boundary angle started and set
over slightly

to be released, faired in place
and reriveted

Main frames N° 164 to 172 including
2 deep frames set over slightly

to be removed, faired and
refitted

3 stringer bracket connections to
the collision bulkhead torn

to be renewed

Centre stringer face angle between
deep frames N° 164 and 168 set over

to be faired in place

Centre stringer diamond plate on
deep frame N° 168 buckled

to be renewed

Tank margin brackets N° 168 to 172
buckled or torn

to be renewed with new lugs

Tank margin brackets N° 142 to 157
loose at margin plate

to be reriveted and fitted
with new lugs

Port and starboard main hold pillars
at fore end of N° 1 hatch twisted

to be renewed

Port and starboard main hold pillars
at after end of N° 1 hatch loose at
tank top

to be fitted with new con-
nections to tank top

Bulkhead between N° 1/2 holds

Port and starboard plates N° 2 and 3
from bottom slightly buckled

to be removed, faired and
refitted

All bulkhead stiffeners (21) slightly
buckled at lower ends

to be removed, faired and
refitted

Tank top

3 centreline plates and 8 other plates
badly buckled or torn

to be renewed

11 plates more or less buckled

to be removed, faired and
refitted

1 plate slightly indented

to be faired in place

Starboard side

2 margin plates buckled or torn

to be renewed

1 margin plate slightly buckled

to be removed, faired and
refitted



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"Alaska"

found

recommended

Port side

1 margin plate buckled	to be renewed
3 margin plates slightly buckled	to be removed, faired and refitted

No 1 tween deck hatch

1 hatchbeam missing	to be renewed
4 hatchbeams more or less bent	to be faired
All wood hatchcovers missing	to be supplied

No 1 double bottom tank (estimated)

Floors No 156 to 172 with centre keelson and intercostals in way badly buckled or torn	to be renewed
Floors No 143 to 155 with centre keelson and intercostals in way more or less buckled	to be removed, faired and refitted

Air pipes from No 1 tank broken	to be renewed
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Chainlocker drain pipe to No 1 bilge broken	to be renewed
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No 1 hold fire extinguishing steam pipes part broken or buckled	to be part renewed as necessary
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No 2 Hold

Oil fuel in port and starboard bilges, and margin plates leaking at about 34 margin bracket lugs	defective riveting in margin plates to be renewed and tank in way to be tested
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Wheel and charthouse top, cement cracked and deck leaking	deck to be caulked and cement to be renewed
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Minor woodwork on flying bridge damaged	to be repaired
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Port forward lifeboat badly damaged	to be renewed using existing buoyancy tanks and equipment
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Remaining 3 lifeboats and jolly boat damaged slightly	to be repaired
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Wood decks over amidships accommodation leaking	to be recaulked
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Pantry floor mosaic cracked	to be relaid with part new
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Deck plating in flat in way of refrigerating machinery, starboard side, leaking slightly	seams and riveting to be caulked
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D.804.ALASKA.Machinery Space.

After bulkhead boundary bar to upper deck at starboard corner fractured in two places and rivets in way started.

Fractures to be welded and all started rivets to be renewed.

Rivets in several beam knees in way of above started.

Started rivets to be renewed.

Nos.1, 2, 3, 4, 5 & 6 Double bottom Tanks were not opened for examination owing to there being no time for cleaning whilst in dry dock; further Nos.1, 2, 3, 5 & 6 tanks carry fuel oil and with the exception of No.1 were part full at this time.

All Double Bottom Tanks remain to be cleaned for internal examination and tested.

Some damage is anticipated in way of the buckled bottom plating in line with the forward and after Bridge Ends.

MACHINERY.

Tunnel shaft alignment disturbed and coupling between No.1 intermediate shaft and thrust shaft $\frac{1}{8}$ " out and .044" open at top.

No.1 intermediate shaft to be removed and tried in lathe.
Tail shaft to be drawn in-board for examination.
All shafting to be re-aligned.

Safety valve chest on the Centre main boiler fractured.

To be renewed.

Safety valve waste steam pipe fractured at fiddley top.

To be repaired.

Main feed pipe fractured.

To be repaired and all feed pipes removed, annealed and tested.

Inboard Dynamo shaft running untrue.

To be opened out, repaired as necessary and lined up.

Main engine bilge pump discharge pipe overboard split near ships side valve.

To be renewed.

A number of electric circuits defective.

Electric installation to be examined and megger tested throughout and made good.
To be hardened up throughout.

Several main engine holding down bolts loose.



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ALASKA.

It is further recommended that:-

The Main Engine cylinders, pistons, valves and faces
be opened out for examination.

The Main Condenser be tested.

The Main Steam Pipes be removed, tested hydraulically
and rejointed.

The Ballast Pump be opened out for cleaning and ex-
amination.

All new and disturbed work to be recoated as before.

The above recommendations have been made so as to place the
vessel in as good condition as existed prior to the damage
being sustained.

John Goughlan
for self & H. Dixon

Surveyors to Lloyd's Register.

6 Fee & Expenses:-Esc. 3,400\$00.



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