

Rpt. 4b.

# REPORT ON OIL ENGINE MACHINERY.

No. 9867.

Received at London Office

23 MAR 1936

Date of writing Report 12/3 1936 When handed in at Local Office 1936 Port of Copenhagen  
No. in Survey held at Copenhagen & Odense Date, First Survey 28/2 1935 Last Survey 4/3 1936  
Reg. Book. 8431 on the Single Triple Quadruple Screw vessel "HENNING MÆRSK" Number of Visits 55

Tons <sup>Gross</sup> 9385.85  
<sub>Net</sub> 5838.58

Built at Odense By whom built Odense Skibskonstruktør Yard No. 57 When built 1936  
Engines made at Copenhagen By whom made A/S Bismarck & Wain Engine No. 2375 When made 1936  
Donkey Boilers made at Copenhagen By whom made A/S Bismarck & Wain Boilers No. 894-8 When made 1936  
Brake Horse Power 3800 Owners A/S D/S A.F. 1912 or D/S SVENDBORG A/S Port belonging to Copenhagen  
Nom. Horse Power as per Rule 572 Is Refrigerating Machinery fitted for cargo purposes No Is Electric Light fitted Yes  
Trade for which vessel is intended ocean going sea carrier

**L ENGINES, &c.**—Type of Engines DIESEL CROSSHEAD TYPE, SOLID INJECT, SUPERCH or 4 stroke cycle 4 Single or double acting single  
Maximum pressure in cylinders 49 kg/cm<sup>2</sup> Diameter of cylinders 740 mm Length of stroke 500 mm No. of cylinders 7 No. of cranks 7  
Mean Indicated Pressure 8.51 kg/cm<sup>2</sup> Span of bearings, adjacent to the Crank, measured from inner edge to inner edge 990 mm Is there a bearing between each crank Yes  
Revolutions per minute 110 Wheel dia. 2136 mm Weight 25 (60°-4000 kg) Means of ignition compression Kind of fuel used Diesel oil  
Crank Shaft, dia. of journals 501 mm as per Rule 501 mm Crank pin dia. 525 mm as fitted 525 mm (170 mm CENT. HOLE) Mid. length breadth 1000 mm Thickness parallel to axis 310 mm  
Intermediate Shafts, diameter 560 mm as fitted 560 mm Crank Webs Mid. length thickness 290 mm Thickness around eye-hole 280 mm  
Flywheel Shaft, diameter 560 mm as fitted 560 mm Thrust Shaft, diameter at collars 496 mm as fitted 496 mm  
Tube Shaft, diameter 560 mm as fitted 560 mm Is the shaft fitted with a continuous liner Yes

Bronze Liners, thickness in way of bushes 19.0 mm as per Rule 19.0 mm Thickness between bushes 14.3 mm as fitted 20 mm Is the after end of the liner made watertight in the  
propeller boss Yes If the liner is in more than one length are the junctions made by fusion through the whole thickness of the liner one length  
If the liner does not fit tightly at the part between the bearings in the stern tube, is the space charged with a plastic material insoluble in water and non-corrosive Yes  
If two liners are fitted, is the shaft lapped or protected between the liners Yes Is an approved Oil Gland or other appliance fitted at the after end of the tube  
shaft No If so, state type Yes Length of Bearing in Stern Bush next to and supporting propeller 1750 mm

Propeller, dia. 17'-6" Pitch 12'-0" No. of blades 4 Material BRONZE whether Moveable No Total Developed Surface 116 sq. feet  
Method of reversing Engines DIRECT REVERSIBLE a governor or other arrangement fitted to prevent racing of the engine when detached Yes Means of lubrication  
FORCED Thickness of cylinder liners 53.5 mm Are the cylinders fitted with safety valves Yes Are the exhaust pipes and silencers water cooled or lagged with  
non-conducting material Yes If the exhaust is led overboard near the waterline, what means are arranged to prevent water from being syphoned back to the engine to furnace  
Cooling Water Pumps, No. 1 OFF 230 x 260 x 250 mm DUPL. STEAM Is the sea suction provided with an efficient strainer which can be cleared within the vessel Yes 5290  
Bilge Pumps worked from the Main Engines, No. 1 Diameter 165 mm Stroke 230 mm Can one be overhauled while the other is at work Yes  
Pumps connected to the Main Bilge Line { No. and Size 1 OFF 230 x 260 x 250 mm DUPL. 1 OFF 150 x 150 x 150 mm DUPL. 1 OFF 165 x 230 mm SIMPLEX  
How driven by steam by steam by main engine

Is the cooling water led to the bilges No If so, state what special arrangements are made to deal with this water in addition to the ordinary bilge pumping  
arrangements Yes  
Ballast Pumps, No. and size 1 OFF 230 x 260 x 250 mm DUPL. STEAM Power Driven Lubricating Oil Pumps, including Spare Pump, No. and size 1 OFF 150 x 200 x 150 mm DUPL. STEAM  
Are two independent means arranged for circulating water through the Oil Cooler Yes Suctions, connected to both Main Bilge Pumps and Auxiliary Bilge  
Pumps, No. and size:—In Machinery Spaces 5 OFF 3" In Pump Rooms N° 1: 2: 1 OFF 4"  
In Holds, &c. FORE HOLD: 2 OFF 3" AFT COFF: 1 OFF 6" FORW. COFF: 1 OFF 4" FORW. PUMP ROOM: 1 OFF 3"

Independent Power Pump Direct Suctions to the Engine Room Bilges, No. and size 1 OFF 5" 1 OFF 4"  
Are all the Bilge Suction pipes in Holds and Tunnel Well fitted with strum-boxes Yes Are the Bilge Suctions in the Machinery Spaces  
and from easily accessible mud-boxes, placed above the level of the working floor, with straight tail pipes to the bilges Yes  
Are all Sea Connections fitted direct on the skin of the ship Yes Are they fitted with Valves or Cocks valves  
Are they fixed sufficiently high on the ship's side to be seen without lifting the platform plates Yes Are the Overboard Discharges above or below the deep water line above  
Are they each fitted with a Discharge Valve always accessible on the plating of the vessel Yes Are the Blow Off Cocks fitted with a spigot and brass covering plate Yes  
What pipes pass through the bunkers Yes How are they protected Yes  
What pipes pass through the deep tanks Yes Have they been tested as per Rule Yes

Are all Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times Yes  
Is the arrangement of valves and their connections such as to prevent the possibility of water passing from the sea or from water tanks into the cargo or machinery spaces, or from one  
compartment to another Yes Is the Shaft Tunnel watertight Now Is it fitted with a watertight door Yes worked from Yes  
If a wood vessel, what means are provided to prevent leakage of either fuel oil or of lubricating oil from saturating the woodwork Yes

Main Air Compressors, No. 2 No. of stages 2 Diameters 8 1/4" - 3 1/2" Stroke 7" Driven by steam  
Auxiliary Air Compressors, No. 2 No. of stages 2 Diameters 8 1/4" - 3 1/2" Stroke 7" Driven by main engine  
Small Auxiliary Air Compressors, No. 1 No. of stages 1 Diameters 178 mm Stroke rotary Driven by main engine  
Scavenging Air Pumps, No. 1 OFF 178 mm Diameter rotary Stroke rotary Driven by main engine

Auxiliary Engines crank shafts, diameter as per Rule Position as fitted

003341-003348-0135 13



Rpt. 9a.

Port of

Copenhagen

Continuation of Report No. 786 dated 12-3-36

on the

Single S. Motor Tanker "HENNING MERSU" of Copenhagen

## List of Auxiliary Machinery

The Steam plant comprises:

Two horizontal multibular donkey boilers, fitted for oil and exhaust gas firing, each with a H.S. of 1615 and 628 sq. ft. resp. for oil and gas firing, W.P. 180 lbs. per sq. in., giving steam for the following purposes:

2 off 190 x 140 x 380  $\frac{1}{2}$  vertical, simplex "EUREKA" feed pumps.

1 fan for forced draught.

1 single oil burning unit, J. Tammie White & Co. Ltd., with simplex oil fire pressure pump, 2 1/4 x 3 1/2 x 5, 266 filter and preheaters. 1 coupled pump kept as spare.

1 off 115 x 100 x 100  $\frac{1}{2}$  duplex "EUREKA" boiler fire oil transfer pump.

1 " 230 x 260 x 250  $\frac{1}{2}$  duplex ballast pump, fitted as stand by cooling water pump for the main engine.

1 " 150 x 200 x 150  $\frac{1}{2}$  duplex spare lubricating oil pump.

1 " 150 x 150 x 150  $\frac{1}{2}$  duplex oil fire transfer pump.

1 " 150 x 150 x 150  $\frac{1}{2}$  duplex bilge pump.

1 " 150 x 150 x 150  $\frac{1}{2}$  duplex sanitary pump & deck wash pump.

1 " 70 x 60 x 70  $\frac{1}{2}$  duplex fresh water pump (sanitary pump).

1 " single cylinder "HINDLEY" steam engine, driving a 16 kwh. dynamo for the electric light & power installation.

2 " 2 H.P. manouvering air compressors, 8 1/4 x 3 1/2 diam. x 7 stroke, delivering 2.8 m<sup>3</sup> free air per minute at 180 Rev. p. min. against a pressure of 25 atm. Driven by single cylinder steam engine, 7" dia. x 5" stroke.

1 Davis & Horn Ltd. evaporator.

1 off 1-cylinder NH<sub>3</sub> compressor for the cooled provision stores.

1 " 2-cylinder steering gear, Deutsche Werke, Kiel.

1 " Windlass, 1 warping winch and 2 cargo winches.

1 " 150 x 150 x 150  $\frac{1}{2}$  duplex ballast pump } in the forward

1 " 150 x 150 x 150  $\frac{1}{2}$  " oil fire transfer pump } pump room

1 " 14 x 12 x 18" duplex cargo oil pump } in the main

1 " 12 x 10 x 24" " " " } pump room

1 " 6 x 8 x 6" " " " stripping pump } No. 1

1 " 14 x 12 x 18" " " " pump } in the main

1 " 12 x 10 x 24" " " " } pump room

1 " 6 x 8 x 6" " " " stripping pump } No. 2

and steam for the heating coils in the cargo oil tanks and boiler fire oil settling tanks and for the heaters in the accommodation spaces.

AIR RECEIVERS:—Is each receiver, which can be isolated, fitted with a safety valve as per Rule

Can the internal surfaces of the receivers be examined and cleaned ☒ Is a drain fitted at the lowest part of each receiver ☒  
 High Pressure Air Receivers, No. None Cubic capacity of each Internal diameter thickness  
 Seamless, lap welded or riveted longitudinal joint Material Range of tensile strength Working pressure by Rules Actual  
 Starting Air Receivers, No. 1 Total cubic capacity 19.5 m<sup>3</sup> Internal diameter 6'0" - 6'2" thickness 1"  
 Seamless, lap welded or riveted longitudinal joint riveted Material S.M. steel Range of tensile strength 28-30 T.S. Working pressure by Rules 250 LBS. Actual 25 kg/cm<sup>2</sup>

IS A DONKEY BOILER FITTED? ☒ If so, is a report now forwarded? ☒Is the donkey boiler intended to be used for domestic purposes only ☒ also for steering gear, windlass, spare pumps

PLANS. Are approved plans forwarded herewith for Staffing (If not, state date of approval) 28/3/35 Receivers 19/2/35 Separate Fuel Tanks 19/2/35

Donkey Boilers ☒ General Pumping Arrangements ☒ Pumping Arrangements in Machinery Space 16/4/35

Oil Fuel Burning Arrangements 15/1/35

## SPARE GEAR.

Has the spare gear required by the Rules been supplied ☒

State the principal additional spare gear supplied

1 cylinder liner & water jacket, 10 fine injection valves complete,  
 5 exhaust valves complete, 2/2 crosshead brasses, 2/2 crank pin brasses,  
 2/2 main bearing brasses, 1 cast iron propeller, 1 propeller shaft with  
 liner and nut complete.

AKTIESELSKABET

The foregoing is a correct description.

Manufacturer.

Dates of Survey while building  
 During progress of work in shops: 23/10/35, 25/10/35, 27/10/35, 29/10/35, 31/10/35, 2/11/35, 4/11/35, 6/11/35, 8/11/35, 10/11/35, 12/11/35, 14/11/35, 16/11/35, 18/11/35, 20/11/35, 22/11/35, 24/11/35, 26/11/35, 28/11/35, 30/11/35, 2/12/35, 4/12/35, 6/12/35, 8/12/35, 10/12/35, 12/12/35, 14/12/35, 16/12/35, 18/12/35, 20/12/35, 22/12/35, 24/12/35, 26/12/35, 28/12/35, 30/12/35, 1/1/36, 3/1/36, 5/1/36, 7/1/36, 9/1/36, 11/1/36, 13/1/36, 15/1/36, 17/1/36, 19/1/36, 21/1/36, 23/1/36, 25/1/36, 27/1/36, 29/1/36, 31/1/36, 2/2/36, 4/2/36, 6/2/36, 8/2/36, 10/2/36, 12/2/36, 14/2/36, 16/2/36, 18/2/36, 20/2/36, 22/2/36, 24/2/36, 26/2/36, 28/2/36, 30/2/36, 1/3/36, 3/3/36, 5/3/36, 7/3/36, 9/3/36, 11/3/36, 13/3/36, 15/3/36, 17/3/36, 19/3/36, 21/3/36, 23/3/36, 25/3/36, 27/3/36, 29/3/36, 31/3/36, 2/4/36, 4/4/36, 6/4/36, 8/4/36, 10/4/36, 12/4/36, 14/4/36, 16/4/36, 18/4/36, 20/4/36, 22/4/36, 24/4/36, 26/4/36, 28/4/36, 30/4/36, 2/5/36, 4/5/36, 6/5/36, 8/5/36, 10/5/36, 12/5/36, 14/5/36, 16/5/36, 18/5/36, 20/5/36, 22/5/36, 24/5/36, 26/5/36, 28/5/36, 30/5/36, 1/6/36, 3/6/36, 5/6/36, 7/6/36, 9/6/36, 11/6/36, 13/6/36, 15/6/36, 17/6/36, 19/6/36, 21/6/36, 23/6/36, 25/6/36, 27/6/36, 29/6/36, 1/7/36, 3/7/36, 5/7/36, 7/7/36, 9/7/36, 11/7/36, 13/7/36, 15/7/36, 17/7/36, 19/7/36, 21/7/36, 23/7/36, 25/7/36, 27/7/36, 29/7/36, 31/7/36, 2/8/36, 4/8/36, 6/8/36, 8/8/36, 10/8/36, 12/8/36, 14/8/36, 16/8/36, 18/8/36, 20/8/36, 22/8/36, 24/8/36, 26/8/36, 28/8/36, 30/8/36, 1/9/36, 3/9/36, 5/9/36, 7/9/36, 9/9/36, 11/9/36, 13/9/36, 15/9/36, 17/9/36, 19/9/36, 21/9/36, 23/9/36, 25/9/36, 27/9/36, 29/9/36, 1/10/36, 3/10/36, 5/10/36, 7/10/36, 9/10/36, 11/10/36, 13/10/36, 15/10/36, 17/10/36, 19/10/36, 21/10/36, 23/10/36, 25/10/36, 27/10/36, 29/10/36, 31/10/36, 2/11/36, 4/11/36, 6/11/36, 8/11/36, 10/11/36, 12/11/36, 14/11/36, 16/11/36, 18/11/36, 20/11/36, 22/11/36, 24/11/36, 26/11/36, 28/11/36, 30/11/36, 1/12/36, 3/12/36, 5/12/36, 7/12/36, 9/12/36, 11/12/36, 13/12/36, 15/12/36, 17/12/36, 19/12/36, 21/12/36, 23/12/36, 25/12/36, 27/12/36, 29/12/36, 31/12/36, 2/1/37, 4/1/37, 6/1/37, 8/1/37, 10/1/37, 12/1/37, 14/1/37, 16/1/37, 18/1/37, 20/1/37, 22/1/37, 24/1/37, 26/1/37, 28/1/37, 30/1/37, 1/2/37, 3/2/37, 5/2/37, 7/2/37, 9/2/37, 11/2/37, 13/2/37, 15/2/37, 17/2/37, 19/2/37, 21/2/37, 23/2/37, 25/2/37, 27/2/37, 29/2/37, 31/2/37, 2/3/37, 4/3/37, 6/3/37, 8/3/37, 10/3/37, 12/3/37, 14/3/37, 16/3/37, 18/3/37, 20/3/37, 22/3/37, 24/3/37, 26/3/37, 28/3/37, 30/3/37, 1/4/37, 3/4/37, 5/4/37, 7/4/37, 9/4/37, 11/4/37, 13/4/37, 15/4/37, 17/4/37, 19/4/37, 21/4/37, 23/4/37, 25/4/37, 27/4/37, 29/4/37, 31/4/37, 2/5/37, 4/5/37, 6/5/37, 8/5/37, 10/5/37, 12/5/37, 14/5/37, 16/5/37, 18/5/37, 20/5/37, 22/5/37, 24/5/37, 26/5/37, 28/5/37, 30/5/37, 1/6/37, 3/6/37, 5/6/37, 7/6/37, 9/6/37, 11/6/37, 13/6/37, 15/6/37, 17/6/37, 19/6/37, 21/6/37, 23/6/37, 25/6/37, 27/6/37, 29/6/37, 31/6/37, 2/7/37, 4/7/37, 6/7/37, 8/7/37, 10/7/37, 12/7/37, 14/7/37, 16/7/37, 18/7/37, 20/7/37, 22/7/37, 24/7/37, 26/7/37, 28/7/37, 30/7/37, 1/8/37, 3/8/37, 5/8/37, 7/8/37, 9/8/37, 11/8/37, 13/8/37, 15/8/37, 17/8/37, 19/8/37, 21/8/37, 23/8/37, 25/8/37, 27/8/37, 29/8/37, 31/8/37, 2/9/37, 4/9/37, 6/9/37, 8/9/37, 10/9/37, 12/9/37, 14/9/37, 16/9/37, 18/9/37, 20/9/37, 22/9/37, 24/9/37, 26/9/37, 28/9/37, 30/9/37, 1/10/37, 3/10/37, 5/10/37, 7/10/37, 9/10/37, 11/10/37, 13/10/37, 15/10/37, 17/10/37, 19/10/37, 21/10/37, 23/10/37, 25/10/37, 27/10/37, 29/10/37, 31/10/37, 2/11/37, 4/11/37, 6/11/37, 8/11/37, 10/11/37, 12/11/37, 14/11/37, 16/11/37, 18/11/37, 20/11/37, 22/11/37, 24/11/37, 26/11/37, 28/11/37, 30/11/37, 1/12/37, 3/12/37, 5/12/37, 7/12/37, 9/12/37, 11/12/37, 13/12/37, 15/12/37, 17/12/37, 19/12/37, 21/12/37, 23/12/37, 25/12/37, 27/12/37, 29/12/37, 31/12/37, 2/1/38, 4/1/38, 6/1/38, 8/1/38, 10/1/38, 12/1/38, 14/1/38, 16/1/38, 18/1/38, 20/1/38, 22/1/38, 24/1/38, 26/1/38, 28/1/38, 30/1/38, 1/2/38, 3/2/38, 5/2/38, 7/2/38, 9/2/38, 11/2/38, 13/2/38, 15/2/38, 17/2/38, 19/2/38, 21/2/38, 23/2/38, 25/2/38, 27/2/38, 29/2/38, 31/2/38, 2/3/38, 4/3/38, 6/3/38, 8/3/38, 10/3/38, 12/3/38, 14/3/38, 16/3/38, 18/3/38, 20/3/38, 22/3/38, 24/3/38, 26/3/38, 28/3/38, 30/3/38, 1/4/38, 3/4/38, 5/4/38, 7/4/38, 9/4/38, 11/4/38, 13/4/38, 15/4/38, 17/4/38, 19/4/38, 21/4/38, 23/4/38, 25/4/38, 27/4/38, 29/4/38, 31/4/38, 2/5/38, 4/5/38, 6/5/38, 8/5/38, 10/5/38, 12/5/38, 14/5/38, 16/5/38, 18/5/38, 20/5/38, 22/5/38, 24/5/38, 26/5/38, 28/5/38, 30/5/38, 1/6/38, 3/6/38, 5/6/38, 7/6/38, 9/6/38, 11/6/38, 13/6/38, 15/6/38, 17/6/38, 19/6/38, 21/6/38, 23/6/38, 25/6/38, 27/6/38, 29/6/38, 31/6/38, 2/7/38, 4/7/38, 6/7/38, 8/7/38, 10/7/38, 12/7/38, 14/7/38, 16/7/38, 18/7/38, 20/7/38, 22/7/38, 24/7/38, 26/7/38, 28/7/38, 30/7/38, 1/8/38, 3/8/38, 5/8/38, 7/8/38, 9/8/38, 11/8/38, 13/8/38, 15/8/38, 17/8/38, 19/8/38, 21/8/38, 23/8/38, 25/8/38, 27/8/38, 29/8/38, 31/8/38, 2/9/38, 4/9/38, 6/9/38, 8/9/38, 10/9/38, 12/9/38, 14/9/38, 16/9/38, 18/9/38, 20/9/38, 22/9/38, 24/9/38, 26/9/38, 28/9/38, 30/9/38, 1/10/38, 3/10/38, 5/10/38, 7/10/38, 9/10/38, 11/10/38, 13/10/38, 15/10/38, 17/10/38, 19/10/38, 21/10/38, 23/10/38, 25/10/38, 27/10/38, 29/10/38, 31/10/38, 2/11/38, 4/11/38, 6/11/38, 8/11/38, 10/11/38, 12/11/38, 14/11/38, 16/11/38, 18/11/38, 20/11/38, 22/11/38, 24/11/38, 26/11/38, 28/11/38, 30/11/38, 1/12/38, 3/12/38, 5/12/38, 7/12/38, 9/12/38, 11/12/38, 13/12/38, 15/12/38, 17/12/38, 19/12/38, 21/12/38, 23/12/38, 25/12/38, 27/12/38, 29/12/38, 31/12/38, 2/1/39, 4/1/39, 6/1/39, 8/1/39, 10/1/39, 12/1/39, 14/1/39, 16/1/39, 18/1/39, 20/1/39, 22/1/39, 24/1/39, 26/1/39, 28/1/39, 30/1/39, 1/2/39, 3/2/39, 5/2/39, 7/2/39, 9/2/39, 11/2/39, 13/2/39, 15/2/39, 17/2/39, 19/2/39, 21/2/39, 23/2/39, 25/2/39, 27/2/39, 29/2/39, 31/2/39, 2/3/39, 4/3/39, 6/3/39, 8/3/39, 10/3/39, 12/3/39, 14/3/39, 16/3/39, 18/3/39, 20/3/39, 22/3/39, 24/3/39, 26/3/39, 28/3/39, 30/3/39, 1/4/39, 3/4/39, 5/4/39, 7/4/39, 9/4/39, 11/4/39, 13/4/39, 15/4/39, 17/4/39, 19/4/39, 21/4/39, 23/4/39, 25/4/39, 27/4/39, 29/4/39, 31/4/39, 2/5/39, 4/5/39, 6/5/39, 8/5/39, 10/5/39, 12/5/39, 14/5/39, 16/5/39, 18/5/39, 20/5/39, 22/5/39, 24/5/39, 26/5/39, 28/5/39, 30/5/39, 1/6/39, 3/6/39, 5/6/39, 7/6/39, 9/6/39, 11/6/39, 13/6/39, 15/6/39, 17/6/39, 19/6/39, 21/6/39, 23/6/39, 25/6/39, 27/6/39, 29/6/39, 31/6/39, 2/7/39, 4/7/39, 6/7/39, 8/7/39, 10/7/39, 12/7/39, 14/7/39, 16/7/39, 18/7/39, 20/7/39, 22/7/39, 24/7/39, 26/7/39, 28/7/39, 30/7/39, 1/8/39, 3/8/39, 5/8/39, 7/8/39, 9/8/39, 11/8/39, 13/8/39, 15/8/39, 17/8/39, 19/8/39, 21/8/39, 23/8/39, 25/8/39, 27/8/39, 29/8/39, 31/8/39, 2/9/39, 4/9/39, 6/9/39, 8/9/39, 10/9/39, 12/9/39, 14/9/39, 16/9/39, 18/9/39, 20/9/39, 22/9/39, 24/9/39, 26/9/39, 28/9/39, 30/9/39, 1/10/39, 3/10/39, 5/10/39, 7/10/39, 9/10/39, 11/10/39, 13/10/39, 15/10/39, 17/10/39, 19/10/39, 21/10/39, 23/10/39, 25/10/39, 27/10/39, 29/10/39, 31/10/39, 2/11/39, 4/11/39, 6/11/39, 8/11/39, 10/11/39, 12/11/39, 14/11/39, 16/11/39, 18/11/39, 20/11/39, 22/11/39, 24/11/39, 26/11/39, 28/11/39, 30/11/39, 1/12/39, 3/12/39, 5/12/39, 7/12/39, 9/12/39, 11/12/39, 13/12/39, 15/12/39, 17/12/39, 19/12/39, 21/12/39, 23/12/39, 25/12/39, 27/12/39, 29/12/39, 31/12/39, 2/1/40, 4/1/40, 6/1/40, 8/1/40, 10/1/40, 12/1/40, 14/1/40, 16/1/40, 18/1/40, 20/1/40, 22/1/40, 24/1/40, 26/1/40, 28/1/40, 30/1/40, 1/2/40, 3/2/40, 5/2/40, 7/2/40, 9/2/40, 11/2/40, 13/2/40, 15/2/40, 17/2/40, 19/2/40, 21/2/40, 23/2/40, 25/2/40, 27/2/40, 29/2/40, 31/2/40, 2/3/40, 4/3/40, 6/3/40, 8/3/40, 10/3/40, 12/3/40, 14/3/40, 16/3/40, 18/3/40, 20/3/40, 22/3/40, 24/3/40, 26/3/40, 28/3/40, 30/3/40, 1/4/40, 3/4/40, 5/4/40, 7/4/40, 9/4/40, 11/4/40, 13/4/40, 15/4/40, 17/4/40, 19/4/40, 21/4/40, 23/4/40, 25/4/40, 27/4/40, 29/4/40, 31/4/40, 2/5/40, 4/5/40, 6/5/40, 8/5/40, 10/5/40, 12/5/40, 14/5/40, 16/5/40, 18/5/40, 20/5/40, 22/5/40, 24/5/40, 26/5/40, 28/5/40, 30/5/40, 1/6/40, 3/6/40, 5/6/40, 7/6/40, 9/6/40, 11/6/40, 13/6/40, 15/6/40, 17/6/40, 19/6/40, 21/6/40, 23/6/40, 25/6/40, 27/6/40, 29/6/40, 31/6/40, 2/7/40, 4/7/40, 6/7/40, 8/7/40, 10/7/40, 12/7/40, 14/7/40, 16/7/40, 18/7/40, 20/7/40, 22/7/40, 24/7/40, 26/7/40, 28/7/40, 30/7/40, 1/8/40, 3/8/40, 5/8/40, 7/8/40, 9/8/40, 11/8/40, 13/8/40, 15/8/40, 17/8/40, 19/8/40, 21/8/40, 23/8/40, 25/8/40, 27/8/40, 29/8/40, 31/8/40, 2/9/40, 4/9/40, 6/9/40, 8/9/40, 10/9/40, 12/9/40, 14/9/40, 16/9/40, 18/9/40, 20/9/40, 22/9/40, 24/9/40, 26/9/40, 28/9/40, 30/9/40, 1/10/40, 3/10/40, 5/10/40, 7/10/40, 9/10/40, 11/10/40, 13/10/40, 15/10/40, 17/10/40, 19/10/40, 21/10/40, 23/10/40, 25/10/40, 27/10/40, 29/10/40, 31/10/40, 2/11/40, 4/11/40, 6/11/40, 8/11/40, 10/11/40, 12/11/40, 14/11/40, 16/11/40, 18/11/40, 20/11/40, 22/11/40, 24/11/40, 26/11/40, 28/11/40, 30/11/40, 1/12/40, 3/12/40, 5/12/40, 7/12/40, 9/12/40, 11/12/40, 13/12/40, 15/12/40, 17/12/40, 19/12/40, 21/12/40, 23/12/40, 25/12/40, 27/12/40, 29/12/40, 31/12/40, 2/1/41, 4/1/41, 6/1/41, 8/1/41, 10/1/41, 12/1/41, 14/1/41, 16/1/41, 18/1/41, 20/1/41, 22/1/41, 24/1/41, 26/1/41, 28/1/41, 30/1/41, 1/2/41, 3/2/41, 5/2/41, 7/2/41, 9/2/41, 11/2/41, 13/2/41, 15/2/41, 17/2/41, 19/2/41, 21/2/41, 23/2/41, 25/2/41, 27/2/41, 29/2/41, 31/2/41, 2/3/41, 4/3/41, 6/3/41, 8/3/41, 10/3/41, 12/3/41, 14/3/41, 16/3/41, 18/3/41, 20/3/41, 22/3/41, 24/3/41, 26/3/41, 28/3/41, 30/3/41, 1/4/41, 3/4/41, 5/4/41, 7/4/41, 9/4/41, 11/4/41, 13/4/41, 15/4/41, 17/4/41, 19/4/41, 21/4/41, 23/4/41, 25/4/41, 27/4/41, 29/4/41, 31/4/41, 2/5/41, 4/5/41, 6/5/41, 8/5/41, 10/5/41, 12/5/41, 14/5/41, 16/5/41, 18/5/41, 20/5/41, 22/5/41, 24/5/41, 26/5/41



