

REPORT ON MACHINERY.

No. 1283

Port of Gothenburg

Received at London Office

TUES. 28 AUG. 1906

No. in Survey held at GothenburgDate, first Survey 27th May 1905Last Survey 22nd August 1906

Reg. Book.

(Number of Visits 58)153 on the Steel Sc. Sr. "Fermia"Master Fredrik Olsson Built at GothenburgBy whom built Eriksbergs Mek. Verkstads A.B.Tons { Gross 522
Net 274
When built 1906Engines made at GothenburgBy whom made Eriksbergs Mek. Verkstads Aktiebolagwhen made 1906Boilers made at GothenburgBy whom made Eriksbergs Mek. Verkst. A.B.when made 1906

Registered Horse Power

Owners Ångbåtsaktiebolaget FermiPort belonging to KristinehamnNom. Horse Power as per Section 28 65Is Refrigerating Machinery fitted for cargo purposes NoIs Electric Light fitted NoENGINES, &c.—Description of Engines Triple expansionNo. of Cylinders 3No. of Cranks 3Dia. of Cylinders 13 1/4" 22" & 36"Length of Stroke 24"Revs. per minute 105Dia. of Screw shaft 7 1/4"as per rule 7 1/4"Material of screw shaft Steel

Is the screw shaft fitted with a continuous liner the whole length of the stern tube No liner fitted Is the after end of the liner made water tight in the propeller boss ✓ If the liner is in more than one length are the joints burned ✓ 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 ✓ If two liners are fitted, is the shaft lapped or protected between the liners Cedernvall's pat. protecting box fitted Length of stern bush 6'2"

Dia. of Tunnel shaft 7 1/4"Dia. of Crank shaft journals 7 1/4"as per rule 7 1/4"Dia. of Crank pin 7 1/4"Size of Crank webs 8 1/4" x 4 5/8"Dia. of thrust shaft under collars 7 1/4"Dia. of screw 9"Pitch of Screw 10'6"No. of Blades 4State whether moveable NoTotal surface 25.6 sq'No. of Feed pumps 1Diameter of ditto 2 1/2"Stroke 12"Can one be overhauled while the other is at work ✓No. of Bilge pumps 1Diameter of ditto 2 1/2"Stroke 12"Can one be overhauled while the other is at work ✓No. of Donkey Engines 2Sizes of Pumps 4 1/2" x 3 1/2" & 6" x 8"

No. and size of Suctions connected to both Bilge and Donkey pumps

In Engine Room Three, 2"In Holds, &c. Three, 2"No. of Bilge Injections 1sizes 3 1/2"Connected to condenser, or to circulating pump Circ. pumpIs a separate Donkey Suction fitted in Engine room & size Yes, 3 1/2"Are all the bilge suction pipes fitted with roses YesAre the roses in Engine room always accessible YesAre the sluices on Engine room bulkheads always accessible YesAre all connections with the sea direct on the skin of the ship YesAre they Valves or Cocks BothAre they fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates YesAre the Discharge Pipes above or below the deep water line AboveAre they each fitted with a Discharge Valve always accessible on the plating of the vessel YesAre the Blow Off Cocks fitted with a spigot and brass covering plate YesWhat pipes are carried through the bunkers Hand pump suction & bilge pump suction from well How are they protected Strong wood casingsAre all Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times Yes, with exception of the wing suction pipes to hold well.Are the Bilge Suction Pipes, Cocks, and Valves arranged so as to prevent any communication between the sea and the bilges YesDates of examination of completion of fitting of Sea Connections 14th May 06. of Stern Tube 14th May 06. Screw shaft and Propeller 22nd June 06.Is the Screw Shaft Tunnel watertight YesIs it fitted with a watertight door ✓worked from ✓BOILERS, &c.—(Letter for record S)Manufacturers of Steel Messrs. Thyssen & Co., Mülheim - RuhrTotal Heating Surface of Boilers 9590 sq'Is Forced Draft fitted NoNo. and Description of Boilers One cylindrical multitubular.Working Pressure 180 lbs per sq'Tested by hydraulic pressure to 360 lbs per sq'Date of test 30th June 1906No. of Certificate 28Can each boiler be worked separately ✓Area of fire grate in each boiler 36 sq'No. and Description of Safety Valves to each boiler Two spring loadedArea of each valve 7 sq'Pressure to which they are adjusted 183 lbs per sq'Are they fitted with easing gear YesSmallest distance between boilers or uptakes and bunkers or woodwork 10"Mean dia. of boilers 10' 3 1/2"Length 9' 4 1/4"Material of shell plates SteelThickness 15 1/16"Range of tensile strength 44,200 lbs per sq'Are the shell plates welded or flanged flangedDescrip. of riveting: cir. seams Nonelong. seams Double lapDiameter of rivet holes in long. seams 15 1/16"Pitch of rivets 6"Lap of plates or width of butt straps 13"

Per centages of strength of longitudinal joint

rivets 91plate 84Working pressure of shell by rules 184 lbs per sq'Size of manhole in shell 16" x 12"Size of compensating ring 5 1/2" x 15 1/16"No. and Description of Furnaces in each boiler Two corrugatedMaterial Steel Outside diameter 36"Length of plain part 6' 10"Thickness of plates 1 1/2"Description of longitudinal joint NoneNo. of strengthening rings ✓Working pressure of furnace by the rules 209Combustion chamber plates: Material Steel Thickness: Sides 9 1/16"Back 2 1/32"Top 9 1/16"Bottom 9 1/16"Pitch of stays to ditto: Sides 6 1/2" x 8 1/2"Back 9" x 7 3/4"Top 6 1/2" x 8 1/2"If stays are fitted with nuts or riveted heads BothWorking pressure by rules 183 lbs per sq'Material of stays SteelDiameter at smallest part 1 3/4"Area supported by each stay 60 sq'Working pressure by rules 198 lbs per sq' End plates in steam space:Material SteelThickness 7/8"Pitch of stays 16" x 14"How are stays secured Double lapWorking pressure by rules 190 lbs per sq'Material of stays SteelDiameter at smallest part 2 1/2"Area supported by each stay 224 sq'Working pressure by rules 219 lbs per sq'Material of Front plates at bottom SteelThickness 7/8"Material of Lower back plate SteelThickness 7/8"Greatest pitch of stays as per plan

Working pressure of plate by rules

Diameter of tubes 3 1/4"Pitch of tubes 4 1/2" x 4 3/8"Material of tube plates SteelThickness: Front 7/8"Back 3/4"Mean pitch of stays 8 3/4" x 9"Pitch across wide water spaces 13 1/4"Working pressures by rules 180 lbs per sq'Girders to Chamber tops: Material SteelDepth and thickness of girder at centre 5 1/2" x 1" x 2Length as per rule 20 1/2"Distance apart 8 1/2"Number and pitch of stays in each Two 6 1/2"Working pressure by rules 245 lbs per sq'Superheater or Steam chest; how connected to boiler NoneCan the superheater be shut off and the boiler worked separately ✓Diameter ✓Length ✓Thickness of shell plates ✓Material ✓Description of longitudinal joint ✓Diam. of rivet holes ✓Pitch of rivets ✓Working pressure of shell by rules ✓Diameter of flue ✓Material of flue plates ✓Thickness ✓If stiffened with rings ✓Distance between rings ✓Working pressure by rules ✓End plates: Thickness ✓How stayed ✓Working pressure of end plates ✓Area of safety valves to superheater ✓Are they fitted with easing gear ✓Working pressure of end plates ✓Area of safety valves to superheater ✓Working pressure of end plates ✓Area of safety valves to superheater ✓Are they fitted with easing gear ✓Working pressure of end plates ✓Area of safety valves to superheater ✓Are they fitted with easing gear ✓Working pressure of end plates ✓Area of safety valves to superheater ✓Are they fitted with easing gear ✓Working pressure of end plates ✓Working pressure of end plates ✓Area of safety valves to superheater ✓Are they fitted with easing gear ✓Working pressure of end plates ✓Area of safety valves to superheater ✓Are they fitted with easing gear ✓Working pressure of end plates ✓Area of safety valves to superheater ✓Are they fitted with easing gear ✓Working pressure of end plates ✓Working pressure of end plates ✓Area of safety valves to superheater ✓Are they fitted with easing gear ✓Working pressure of end plates ✓Area of safety valves to superheater ✓Are they fitted with easing gear ✓Working pressure of end plates ✓Area of safety valves to superheater ✓Are they fitted with easing gear ✓Working pressure of end plates ✓Working pressure of end plates ✓Area of safety valves to superheater ✓Are they fitted with easing gear ✓Working pressure of end plates ✓Area of safety valves to superheater ✓Are they fitted with easing gear ✓Working pressure of end plates ✓Area of safety valves to superheater ✓Are they fitted with easing gear ✓Working pressure of end plates ✓

VERTICAL DONKEY BOILER—

No. 8062,

Description *Cochrane, as per report attached has been fitted onboard.*

Made at

By whom made

When made

Where fixed

Working pressure

tested by hydraulic pressure to

Date of test

No. of Certificate

Fire grate area

Description of

Valves *Direct spring loaded*

No. of Safety Valves

Area of each

Pressure to which they are adjusted

Date of adjustment

If fitted with easing gear

yes If steam from main boilers can enter the donkey boiler

Dia. of donkey boiler

Length

Material of shell plates

Thickness

Range of tensile strength

Descrip. of riveting long. seams

Dia. of rivet holes

Whether punched or drilled

Pitch of rivets

Lap of plating

Per centage of strength of joint

Rivets

Working pressure of shell by rules

Thickness of shell crown plates

Radius of do.

No. of stays to do.

Dia. of stays

Diameter of furnace Top

Bottom

Length of furnace

Thickness of furnace plates

Description of joint

Working pressure of furnace by rules

Thickness of furnace crown plates

Stayed by

Diameter of uptake

Thickness of uptake plates

Thickness of water tubes

Dates of survey

SPARE GEAR.

State the articles supplied:— 2 connecting rod lap end bolts and nuts, 2 connecting rod bolts and nuts, 2 main bearing bolts, 1 set of coupling bolts, 1 set of feed and bridge pump valves, 1 set of L.P. piston springs, 1 set of H.P. & I.P. pistons, 1 slide valve rod, 1 feed pump plunger, 2 air & 2 circulating pump valves, 1 condenser for donkey boiler safety valve spring, 1 main boiler safety valve spring, 5 main & 5 donkey B. tubes, bolts, nuts and iron as required

The foregoing is a correct description,

Eriksbergs Mekanska Verkstads Aktiebolag

Manufacturer.

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