

State if Report has been sent on the Freeboard of the Vessel NO (By Am. Consul)

State if Report is sent on the Machinery of the Vessel YES

Date of completion of report

Port of New York

No

Survey held at

Date First Survey

### Last Survey

1941

On the (State if Machinery fitted Aft only)  
(if Single, Twin or Triple Screw)

**State Type** (Full Scantling, Complete Superstructure  
with or without Tonnage Openings)

FULL SCANNING

State Type of Erections *P.O. and F.*

TONNAGE under ) 6820  
Tonnage Deck... )

CLASS ✕ 100 A1

State if with freeboard) NO  
as condition of Class)

Built at Quincy, Mass

Do. of space or spaces  
between Tonnage Dk.  
and Upper Dk.

**Length** from fore part of stem to after part of stern  
vest on summer L.W.L. See Sec. 3 (1a)

L 450

Launched Aug 7-1941 Yard No. 1489

**Total**

**Breadth** (*greatest moulded*) .....

.B 63.5

Builders WETHELENE STEEL CO. Lake River Yard

### Gross Tonnage

**Depth,** at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) .....

D. 34.

Owners SINCLAIR REFINING CO.

**REGISTERED DIMENSIONS.**  
FEET.

**Framing Depth "d,"** at middle of length. See  
Sec. 3 (1d) .....

Length

**Proportions**—Depth to Length—Uppermost continuous deck to top of keel .....

13.04

Port of Registry WILMINGTON, DEL

### Breadth

Do. Long Bridge to top  
of keel

*If surveyed while building, afloat, or in dry dock*

### Depth

### Draught Moulded

27-3

WHILE BUILDING AND AFOAT.

FRAMES. DOUBLE BOTTOM AND BEAMS.

		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.			INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing amidships</b> <i>LONG FRAMING SEE REPORT I*</i>				<b>Bracket Floors, Frame</b> .....			
"	"	from $\frac{1}{2}$ length amidships to Collision bulkhead.....	30"-24" ✓	"	"	Reversed Frame .....	
"	"	in peaks.....	24 ✓	"	"	Vertical Struts .....	
<b>SIDE FRAMING.</b>				<i>IN ENGINE ROOM SPACE</i> 60 x .53 ✓			
<b>Frame Amidships, Angle, [ or [</b> .....				<b>Centre Girder, depth and thickness amidships</b> .....			
"	"	Extends up to .....		"	"	top Angles <i>WELDED TO TANK TOP</i> ✓	
<b>Reversed Frame Amidships, Angle</b> .....				<b>Side Girders, No. each side and thickness</b> ..... 3 AL ✓			
"	"	Extends up to...		<b>Margin Plate</b> depth (excl. of flange) and thickness .....			
<b>Depth of Framing Girder</b> .....				" " Vertical Angle to Tank side {			
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or [</b> .....				Bracket abaft $\frac{1}{2}$ len. from stem {			
"	"	<b>Second 'tween Decks, Angle, [ or [</b> .....		" " Vertical Angle to Tank side {			
"	"	<b>Third</b> " " " " " " .....		Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area {			
"	"	from $\frac{1}{2}$ len. for'd. to 15% len. from Stem <i>FORD</i> 8 4 50 ✓		" " Gussets, spacing and scantling {			
"	"	in Peaks, Angle <i>ART</i> 8 4 50 ✓		abaft $\frac{1}{2}$ len. from stem.....)			
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> .....				" " Gussets, spacing and scantling {			
State if Frame Joggled ..... NO ✓				from forward $\frac{1}{2}$ len. from stem to Panting Area.....)			
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? ..... YES ✓				<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b> .....			
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? ..... YES ✓				<b>INNER BOTTOM PLATING.</b>			
<b>SINGLE BOTTOM.</b>				Breadth and thickness of Middle Line Strake ... 84 .52 ✓			
<b>Floors, Depth and thickness at mid-line in Holds</b> .....				Thickness of remainder in Holds .....			
Height of Brackets at side above base line at toe of frame .....				Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room? .....			
<b>Middle Line Keelson, on Floors, Angles, [ or [</b> .....				<b>BEAMS.</b>			
"	"	Through Plate or Intercostal Plate....		<b>Uppermost Continuous Deck, amidships in Wells, Angle, [ or [</b> <i>SEE REPORT I*</i> ✓			
"	"	Foundation Plate on Floors .....		" " in way of Bridge, Angle, [ or [ .....			
"	"	Flat Plate Keel Angles .....		Spacing .....			
<b>Side Keelsons, No. each side</b> .....				<b>Second Deck, amidships, Angle, [ or [</b> .....			
"	"	thickness of Intercostal Plate...		Spacing.....			
"	"	Angles .....		<b>Third Deck, amidships, Angle, [ or [</b> .....			
<b>DOUBLE BOTTOM.</b>				Spacing.....			
<b>Solid Floors, thickness and spacing</b> .....				<b>Fourth Deck, amidships, Angle, [ or [</b> .....			
"	"	Are Frame and Reversed Frame joggled?.....		Spacing.....			
<b>Bracket Floors, breadth and thickness at middle line</b> .....				<b>Poop Deck, Angle, [ or [</b> <i>INVERTED</i> 5 3 1/2 10.4* ✓			
"	"	breadth and thickness at margin plate.....		Spacing..... <i>(TRANS)</i> 24-28 ✓			
				<b>Bridge Deck, Angle, [ or [</b> <i>INVERTED</i> 5 3 9.8* ✓			
				Spacing..... <i>(LONG)</i> 28-30 ✓			
				<b>Forecastle Deck, Angle, [ or [</b> <i>INVERTED</i> 6 4 12.3* ✓			
				Spacing..... <i>(TRANS)</i> 24-28 ✓			



## PILLARS AND DECKS.

PILLARS, No. of P. vs.	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
in 'tween Decks, Size and Spacing.....									
" " " " "									
in Holds " "									
" " " " "									
WING " " " "									
Centre Line Bulkheads									
Stiffeners and Spacing.....									
Plating, thickness of .....	40	.56	✓						
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells	81	.78	✓						
" " " " in way of Bridge	81	.98	✓						
" Angle in Wells									
Thickness of Plating abreast Deck openings in way of Wells		.68	.38	✓	.69 approx				
Thickness of Plating abreast Deck openings in way of Bridge				✓					
Thickness of Plating within line of openings...		.60	.38	✓					
If Sheathed, material and thickness				✓					
Second Deck.									
Stringer Plate, breadth and thickness in Wells...									
Stringer Plate, breadth and thickness in way of Bridge									
Thickness of Plating abreast Deck openings in way of Bridge									
Thickness of Plating within line of openings...									
If Sheathed, material and thickness									
Third Deck.									
Stringer Plate, breadth and thickness									
If Plated, state thickness									
Fourth Deck.									
Stringer Plate, breadth and thickness									
If Plated, state thickness									
Poop Deck.									
Stringer Plate, breadth and thickness	42	.38	✓						
Plating, Sheathing, material and thickness	STEEL	.29	✓						
Bridge Deck.									
Stringer Plate, breadth and thickness	69	.44	✓						
Plating, Sheathing, material and thickness	STEEL	.31	✓						
Forecastle Deck.									
Stringer Plate, breadth and thickness	36-96	.38	✓						
Plating, Sheathing, material and thickness	STEEL	.27	✓						

## SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			
	AMIDSHIPS.		FORWARD.	AFT.		State if Joggled?		BUTTS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.
FLAT PLATE KEEL	84	.80	.80	.80					
" DBLG. (if any)									
BOTTOM PLATING, No. of Strakes		.73	.73	.73					
BILGE PLATING, No. of Strakes		.73	.58	.58					
SIDE PLATING, No. of Strakes		.62	.54	.48					
UPPER DECK, Sheer-strake in Wells	81	.70	.48	.48					
UPPER DECK, Sheer-strake in Bridge	81	1.10			See midships section				
STRAKE BELOW Sheer-strake in Wells	72	.74	.48	.48					
STRAKE BELOW Sheer-strake in Bridge									
POOP SIDE PLATING	96	.51			11 BUILT				
BRIDGE SIDE PLATING	96	.50							
FORECASTLE SIDE PLATING		.44							
		.44							

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel - FOURTEEN

Extending to Upper Deck (Sec. 3 c) FOURTEEN

Deck next below

As per Rule AS APPROVED FOURTEEN

## STIFFENERS.

	Plating Thickness.	VERTICAL.				HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.
TRANSVERSE									
SECOND BULKHEAD		52-44	7"	48-44	7"	36"	.46"		
" Second									
" Third									
" Holds									
COLLISION		62-45	4x8x11.2	4x16x30	36"				
AFTER PEAK		49-39	3x4x11.7	4x15x15.8	36"				

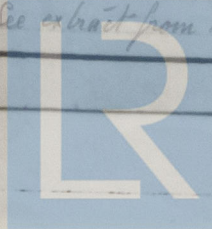
## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, But				
STEM				
STERN FRAME				
Speed of Vessel				
RUDDER-Type				
" A x D				
" Diam. of head				
" Mainpiece at top pintle				
" " heel				
" how constructed				
" double or single plate coupling, vertical or horizontal				

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) PLATES BETHLEHEM STEEL CO. SHARPS POINT, MD.

Has the Steel been tested as required by the Rules? Steel Tested as required by the Rules. See extract from N.Y. City 2014.

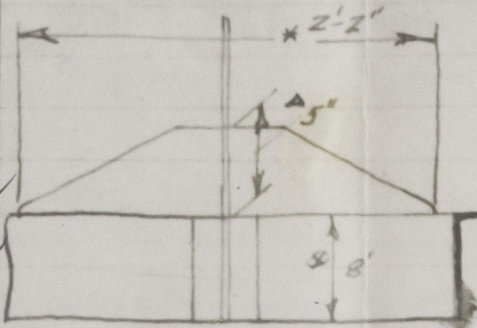




"Sinclair Rubelline" N.Y. Sept 4 1921

Rpt. 1\*

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.			
		In Ship.			In Ship.				Rivets in Longitudinal Frames.		Rivets in Brackets to Bulkheads.	
		In.	In.	In.	In.	In.	In.		Diam.	Spang.	Number.	
Framing of <u>L-E</u>												
Frames in Bridge 'tween Decks ...												
Frames from Uppermost Continuous Deck												
No. 1		8	4	44	8	4	44					
" 2		8	4	44	8	4	44					
" 3		9	3 1/2	25.4	9	3 1/2	25.4					
" 4		10	3 1/2	28.3	10	3 1/2	28.3					
" 5		10	3 1/2	28.3	10	3 1/2	28.3					
" 6		10	4	30.2	10	4	30.2					
" 7		12	3 1/2	30.9	12	3 1/2	30.9					
" 8		12	3 1/2	32.9	12	3 1/2	32.9					
" 9		13	4	35.0	13	4	35.0					
" 10		13	4	35.0	13	4	35.0					
" 11		15	3 7/8	40.0	15	3 7/8	40.0					
" 12		15	3 7/8	40.0	15	3 7/8	40.0					
" 13		18	4	42.7	18	4	42.7					
" 14												
" 15		Long Skd.										
" 16												
Spacing of Longitudinal Frames		Amidships			At Ends							
Double Bottoms		Tank Top Longitudinals			Bottom							
L, L or E												
Spacing of Longitudinals		Amidships			At Ends							
Transverses.												
Side in 'tween Decks	Depth and Thickness											
	Face Angles											
	Lugs to Shell*											
Side (in Hold)	Depth and Thickness											
	Face Angles											
	Lugs to Shell*											
Bottom	Depth and Thickness											
	Face Angles											
	Lugs to Shell*											
Back Bars												
Brackets												
Spacing of Transverse Frames												
Longitudinal Beams of L, L or E												
Bridge Deck												
Upper												
Second												
Third												

BRACKET SIZES:—  
8" 5" 2'-2"  
9'-10" 7" 2'-10"  
12'-15" 4 1/2" 3'-8"  
18" 12" 4'-6"  
All BRACKETS 1.00" THICK  
All BRACKET WELDS 3/8"

N<sup>o</sup> 17 Long Skd.

30 1/2" N<sup>o</sup> 1 to 11 30" N<sup>o</sup> 11 to 23

Putted for oil fuel 9, 41 F.P. above 150°F.  
LAFEP EQUIPT LTR. CT  
2 WTB (M/T) 500 lbs



ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	TEST, PER CERTIFICATE.
13530	1st Bower ...	9600	138544
13531	2nd " ...	9600	138544
13532	3rd " ...	8100	125200
	Collective weight.	27300	
13533	Stream .....	3500	67424

CHAIN CABLES.			
Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.
9081	300 2 7/16	355130	106028
		469180	49708
		4 3/4 Cir	
		126000	
Iron Stream Chain or Steel Wire	120 1 1/2		

Steering Gear, Type (Power or hand)
LIDGEWOOD HYDRAULIC-ELECTRIC
Alternative Means of Steering
Blocks and Tackle from STEAM WINCH ON AOPP DECK

Steering Chains (Size and Test)
NONE
Windlass
LIDGEWOOD STEAM 10" 12"
Boats
FOUR 26'-0" x 9'-0" x 3'-8"

Ceiling in Holds, thickness and material
NONE
Cargo Battens, thickness, material and spacing
FRODO 1 3/4" x 5 1/2"

Cargo Hatchways.—(Upper Deck)
STEEL PLATE
Thickness of Hatches
38" STEEL

Size of Hatchways No. 1 (Fwd.)
9'-8" x 17'-0"
AND 21 CARGO TANK HATCHES 4'-0" x 6'-0" x .38"
No. 2
No. 3
No. 4
No. 5
No. 6

Number of Shifting Beams and/or Fore and Afters
NONE - STEEL COVERS STIFFENED AS APPROVED

Builder's Signature
L. V. Cramer
General Manager
Bethlehem Steel Company, Shipbuilding Division, Fore River Yard.

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel
YES
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo
OIL TANKER
The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

THIS VESSEL HAS BEEN BUILT UNDER SPECIAL SURVEY, AND ACCORDING TO THE APPROVED PLANS, SECRETARIES LETTERS, AND RULES OF THE SOCIETY.

THE MATERIALS AND WORKMANSHIP ARE TO MY SATISFACTION.

THE VESSEL IS INTENDED TO CARRY PETROLEUM IN BULK, THE OIL TANKS, FUEL TANKS, COFFERDAMS, PEAK TANKS, AND DOUBLE BOTTOM TANKS HAVE BEEN TESTED AND FOUND SATISFACTORY AND IN ACCORDANCE WITH THE RULES.

The amount of Entry Fee ..... \$ 50.
Special Survey Fee .... £ 2976.37
Travelling Expenses, if any £ : :
Fees applied for, Dec 31 1941
Received by me, 19

State whether the Vessel has been built under Special Survey
YES
Signature
P. W. Wilson Jr
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to
New York
Date of issue
12/6/42

Committee's Minute
NEW YORK DEC 30 1941
Character assigned
+100A1
Carrying Petroleum in bulk
Fitted for oil fuel 9, 41 F.P. above 150°F.
+LMC-9, 41.

NOTE - LONG FRAMING PART. ELEC. WELDED. MACH. AFT. CRUISER STERN. 2 A+C.P. EQUIPT. LTR. CT 2 WT B (M/T) 500 LBS. CL. 105' high. DF-EPD



GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Sister Vessel "SINCLAIR OPALINE" REPORT NO.

APPROVED PLANS MIDSHIP SECTION STEM  
TRANSVERSE OT BKO PEAK BLOS  
VERTICAL KEEL STERN FRAME  
TRANSVERSES RUDDER  
LONGITUDINAL OT BKO INNER BOTTOM PLATING  
SHELL EXPANSION FORD MAIN ENGINE FOUNO.  
" " AFT POOP DECK PLATING  
UPPER DECK PLATING ENGINE ROOM CASING

APPROVED PLANS BEING HELD FOR SISTER VESSEL  
THIS VESSEL IS ALSO CLASSED WITH THE AMERICAN BUREAU OF SHIPPING.

PARTICULARS OF ELECTRIC WELDING (if employed) HULL STRUCTURE ALMOST ENTIRELY ELECTRICALLY WELDED. SIDE SHELL SEAMS, DECK SEAMS, AND TRANSVERSE FRAMING IN PEAKS RIVETED. SHELL SEAMS AND BUILT'S DOUBLE WELD AND WELDED. ELECTRODES USED - LINCOLN ELECTRODE NO. 5, HARDENED "P" TYPE - MAX DIA 7/32".  
STEM FRAME CAST STEEL FIVE PIECES JOINED BY "THERMIT WELDS".

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book "CARRYING PETROLEUM IN BULK."  
CHASSER STEEL, MACHINERY AFT, LONGITUDINAL FRAMING, FITTED FOR FUEL OIL, 220VDC A.C.P., D.F., E.S.P., PART ELECTRICALLY WELDED.

Particulars of Drop Test of Cast Steel Anchors, viz.:	1st Bower	6650	JFM	13530	15-1-41
Weight, Surveyor's Initials,	2nd "	6650	JFM	13531	15-1-41
Number of Certificate, Date of Test.	3rd "	5140	JFM	13532	15-1-41
	4th "	5140	JFM	13533	15-1-41

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 103 ft., R.Q.D. ft., Bridge 40 ft., Forecastle 36.25 ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the R.D., this should be distinctly stated  
Official No. 240193 Signal Letters 210W Extreme Breadth over Belting (Circ. 1611) Over-all Length 471.75  
No. and Material of Decks 14 (STEEL)  
Parts of Bottom of Vessel coated with cement or approved composition Fore peak cement wash. After Peak "Sinclair Navy 26 Enamel"  
Inner bottom below Machinery Space "Sinclair Navy 26 Enamel"  
Particulars of composition (if fitted) and of approval See extract from N.Y.K. letter dated 20.7.42 attached.

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)							
Where Fitted.	Length.	Water Capacity		Where Fitted.	Length.	Water Capacity	
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft, 12 41 42	15' 0"	201		Fore peak tank, A.P. 10 12 83	26' 0"	212	
Double bottom, under Engines and Boilers, 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	45' 0"	71		After peak tank, A.P. 10 12 83	22' 0"	184	
Double bottom, if under Engines only, 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	15' 0"	48		Deep tank, aft, 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	14' 0"	211	
Double bottom, if under Boilers only, 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	15' 0"	50		Deep tank, forward, 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	22' 0"	226	
Double bottom, forward,				Other tanks, if fitted,			
Total length (if continuous) and Capacity	45'	71' 0"	114	(If necessary, furnish further information by sketch.)			

Order for Special Survey No. 220  
Date June 6, 1940  
Dates of Surveys held while building  
7940 Dec 23-24-25-26-27-28-29-30 JAN 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 FEB 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 MAR 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 APR 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 MAY 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 JUNE 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 JULY 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 AUG 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 SEPT 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 OCT 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 NOV 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 DEC 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30