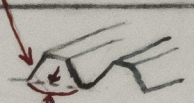
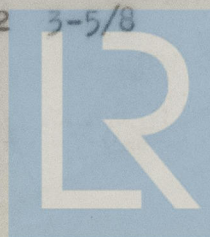


October 31, 1952

Cracks on Main Wheel Gear Teeth,
Reduction Gear, S.S. "Sovac Daylight"

Tooth No.	Which End.	Which Side of Tooth	Distance to Beginning Crack	Length of Crack	Length of Cut Off At Tip.	Max. Depth Below Root	Note
7	Aft.	Ahead	Starting from fwd end	3-27/32"	4-17/32"	9/32"	
11	"	"	"	3"	3-17/32"	3/16"	
12	"	"	"	3-15/32	3-15/16	1/32	
24	Fwd	"	"	4-3/32	4-23/32	9/32	
25	Fwd	"	"	3-19/32	4-1/8	1/8	
"	Aft	"	"	2-7/32	2-15/16	11/32	
29	"	"	"	3-11/16	4-11/32	3/16	
38	Fwd	"	"	3-5/8	4-11/32	1/4	
"	Aft	"	"	4-13/16	5-1/2	11/32	
40	"	"	"	2-27/32	3-17/32	5/16	
44	"	"	"	2-17/32	3-11/32	3/16	
49	"	"	"	1-25/32	2-9/16	5/32	
60	"	"	"	1-31/32	2-3/4	13/32	
78	"	"	"	2-3/8	3-7/32	13/32	
82	"	"	"	2-1/16	2-7/8	11/32	
84	"	"	"	2-1/8	2-29/32	9/32	
93	"	"	"	4-9/16	5-5/16	13/32	
94	"	"	"	-	4-23/32	0) Same crack
213	"	"	"	2-1/16	2-3/4	3/32	
219	"	"	"	2-7/32	2-15/16	9/32	
326	"	"	"	2-25/32	3-5/8	5/16	



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Lloyd's Register
Foundation

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Tooth No.	Which End	Which Side of Tooth	Distance to Beginning Crack	Length of Crack	Length of Cut Off At Tip	Max. Depth Below Root	Note
359	Aft	Ahead	Starting from fwd end	2-3/8	3-11/32	3/16	Broken at sea
371	"	"	" "	4-13/16	5-11/32	9/32	
372	"	"	" "	1-25/32	2-9/16	5/32	
393	"	"	" "	2-3/4	3-21/32	13/32	
401	"	"	" "	1-1/2	2-5/32	1/8	
402	"	"	5/6" from fwd end	2-11/16	3-3/4	3/16	
404	"	"	1-5/16" from fwd end	1-7/8	3-15/16	1/16	
406	"	"	Starting from fwd end	2-11/16	3-17/32	3/16	
408	"	"	9/32" from fwd end	3-3/8	4-17/32	11/32	
413	"	"	Starting from fwd end	3-5/32	3-15/16	1/4	
415	"	"	9/32" from fwd end	3-5/16	4-3/8	3/16	
417	"	"	1-1/32" from fwd end	2-27/32	5-1/8	9/32	
419	"	"	Starting from fwd end	2-1/4	3-15/16	3/16	Broken off BY HAMMER BLOWS
421	"	"	2-3/8" from fwd end	2-3/32"	3-15/16	1/32	
427	"	"	Starting from fwd end	2-5/32	3-5/32	13/32	Broken off BY HAMMER BLOWS
430	"	"	" "	3-2/32	4-23/32	3/16	
431	"	"	" "	3-5/16	4-11/32	9/32	Broken off BY HAMMER BLOWS
432	"	"	" "	3	3-15/16	9/32	
440	Fwd	"	" "	3-11/32	3-5/8	3/16	Broken off BY HAMMER BLOWS
442	Aft	"	" "	2-3/4	3-17/32	3/16	
451	"	"	" "	21/32	3-15/16	5/16	
462	Fwd	"	" "	4-1/32	4-29/32	3/16	
574	Aft	"	" "	2-3/8	3-5/32	3/16	
580	"	"	" "	2-5/32	2-15/16	1/4	
616	"	"	" "	2-15/16	3-1/16	3/16	Broken at sea