July 2014

Report of Visit to Indiana Gear Works, Discussion of the Buehler Corporation

Unknown

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Recommended Citation
Report of Visit to Indiana for Works, Division of the Builder Corporation on 19 April 67.

Met with: Wade Handy, Project Manager

Al Kommars, Exec. Asst. to V.P.

8" Besseges for Bethlehem Sparrow Point and USS. Harlen

- 1 pair 171222 shipped to M.E. by air 17 April. The remaining 4 pairs are finished and will be shipped to M.E. by truck.

- 4 pair 171224 were found to have excessive tooth spacing errors and must be corrected @ E.W. This will be done after completion of 221's and 223's. Anticipate 1 pair will be shipped to M.E. by air by 5/21. Pinion for the 75" pair was spoiled @ E.W. and will have to be replaced.

- The 171221 gears are finished and the pinions are now being finish ground. Anticipate 1 pair to be shipped to M.E. by air 4/29.

- The 171223 gears are finished and the pinions partially ground. They will be finished following completion of the 221's. Anticipate 1 pair to be shipped to M.E. by air 5/6.

J. Baker of Bethlehem was advised of the schedule change by phone on 4/19. The rework on the 224's will affect the second strand only, and by careful and alert scheduling at M.E. should not change the end delivery completion of the second strand beyond 16 June.
6" Devil Gears for Swinog, Bethlehem - Stainless

- Because of quality problems, no further gear grinding is planned for G.E.

- Tabulation below is referenced to domestic finish part numbers. Swinog are comparable parts but in metric. Pairings are left and right hand for each stand from #1 thru #8 in that order.

171341 + 171349 - Complete and shipped back to Morgan and to Swinog
171342 + 171350 - one year of each hand spoiled. Replacements are up to gear cutting now. The rest are up to gear grinding, attempting to process replacements up to gear grinding in time to complete with original. This will be the last group to be ground.
Completion of grinding scheduled for 18 June. Shipment before end of June.

171343 + 171351 - gears ground + pinions working on grindhers. Expect to complete and ship by end of April.

171344 + 171362 - Swinog has 3 sets. Morgan has 3 & 5 sets. Remaining sets held up for corrections and replacements. Shipment by end of August.

171345 + 171353 - Ready for gear grinding. Scheduled to complete grinding on 27 May. Shipment about 1 week later.

171346 + 171354 - gears ground. Pinions ready except about 1 - 34s through spoilage. Will run what they have to satisfy Swinog requirements. Scheduled to complete 5 May and ship mid-May. Shortage will catch up in August.
171397 + 171356 - Seeing had 2.9 oz. of 347 and 3.2 oz. of 355.
They have returned one pair of each for correction which
will not be completed until after
June. They will have enough for Nederland without it.
2 pairs of 347 and all 5 sets of 355
Morgan had 3 of 5 sets, but likewise has returned
1-347 pinion and 1 pair of 355 for correction. These
should be complete by mid-May. The remaining
2 pairs of 347 will be completed by the end of August.

171398 + 171356 - 2-356 gears spoiled, replacements on order. Remaining
gears are ground and pinions working now. Expect to
complete in April. Seeing will get all its requirements.
Replacements for Morgan will come in September.

6" Pinions for Seven -

Gear blanks being supplied by Morgan are finished, but have
machining
many quality problems, some major and many minor. Ray
will be at
Indiana on Monday to sort out and determine
convention procedures. This may affect end-August delivery
promise to Dooy.

N.B. Maurice Pratt will be at Indiana on Monday and Tuesday to
become acquainted with testing techniques and tool patterns
and other technical information in anticipation of his visit
to Seeing for No-Twist Mills assembly.