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

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Report of Visit to Indiana for Works, division of the Bethlehem Corporation on 19 April 67.

Met with: Wade Handy, Project Manager

At Kommorin, Exec. Asst. to V.P.

8" Belted gears for Bethlehem iparous Point and USS Howens

- 1 pair 171222 shipped to M.C. by air 17 April. The remaining 4 pairs are finished and will be shipped to M.C. by truck.
- 4 pairs 171224 were found to have excessive tooth spacing error and must be corrected at Iowa. This will be done after completion of 221's and 223's. Anticipate 1 pr will be shipped to M.C. by air by 5/13. Pinion for the 4th pair was squired @ C.E. and will have to be replaced.
- The 171221 gears are finished and the pinions are now being finish ground. Anticipate 1 pr to be shipped to M.C. by air 7/29.
- The 171223 gears are finished and the pinions partially ground. They will be finished following completion of the 221's. Anticipate 1 pr to be shipped to M.C. by air 7/29.

4" Borer of Bethlehem was advised of the schedule change by phone on 4/14. The rework on the 224's will affect the second strand only, and by careful and alert scheduling at M.C. should not change the end delivery completion of the second strand beyond 16 June.
6" Devil Gear for Sweag, Bethlehem: Stainless

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

- Tabulation below is referenced to domestic finish part numbers. Sweag are comparable parts but in metrics. 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 Sweag
171342 + 171350 - One year of each hand spoiled. Replacements are up to gear cutting now. Next run up to gear grinding attempting to process replacements up to gear grinding in time to complete with originals. 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 grinders now. Expect to complete and ship by end of April.

171344 + 171362 - Sweag has its 3 sets. Morgan has 3 & 5 sets. Remaining sets held up for correction 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 1-346 through spoolage. Will run what they have to satisfy Sweag requirements. Scheduled to complete 5 May and ship mid-May. Shortage will catch up in August.
171347 + 171356 - Suevog had 2 & 3 sets of 347 and 3 of 355.

These have returned one pair of each for correction which will be completed by mid-May. The remaining pair needs correction which may not be completed until after June. They will leave enough for Nederland with it.

3 sets of 347 and 3 sets of 356

Morgan had 3 of 5 sets, but otherwise has returned

1 pair of 347 pinion and 1 pair of 356 for correction. These are being complete by mid-May. The remaining

2 pairs of 347 will be completed by the end of August.

171348 + 171356 - 2 sets of 356 gears spoiled, replacements on order. Remaining gears are ground and pinions working now. Expect to complete in April. Suevog will get all its requirements.

Replacements for Morgan will come in September.

6" Bend-overs for Sears

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

N.B. Maurice Rust will be at Dusseldorf Monday and Tuesday to become acquainted with testing techniques and tool patterns and other technical information in anticipation of his visit to Suevog for no-twist mill assembly.