

July Gear Rating L-37-1 Meeting Summary

Discussion Notes:

- Photos of rating aid are very helpful and improve rater variability for RIDG and RIPP
- Additional photos were added during the exercise of undefined distress examples that also improved the rating aid and how to rate gears with undefined distress
- How to rate undefined distress? Currently there is verbiage in section 12.4 of the L-37-1 test method
 - consider as non-interpretable any test that shows undefined distress of such magnitude that the part cannot be accurately rated. Add a comment to the test report accordingly.
- Consensus from this group of raters is that the area of undefined distress on the gear is un-ratable. Any area that contains undefined distress should not be rated for any other distress.
- Also added photos of new Gleason gears to show an example of a shot peened surface.
 - Previously this shot peen-ed surface was confused for WEAR.

Rating Aid Action Items:

- RIPP photos for 4 & 5 examples will be touched up in terms of lighting.
- RIDG 6.5 photo needs removed and replaced (undefined distress makes this a poor example)
- RIDG 7.5 photo also needs removed and replaced. A better candidate for this example should be available.
- Note on how to rate undefined distress for L-37-1 will be added to this rating aid
- Development of WEAR distress photos will continue and be added to this manual

Gear Rating Task Force Action Items

- Modify the rating aid based on the feedback provided and send a copy to each test lab
- Each lab to consider switching from RCMS calibration system to a color-coded gear rating workshop for calibration
- Continue to consider and develop towards rating to half merit increments
 - Some feedback and resistance to this is because of the current RCMS.
 - Changing to a color-coded workshop model could lessen the resistance to this idea and the group feels that the change to the half merits needs to occur with a change in the workshop structure.
 - The rating group feels that half merit increment ratings will be a benefit to rating candidate and reference parts.
- A call with the gear raters will be held the first week in August to discuss a recommendation to be made to the L-37-1 surveillance panel.
 - The goal is to be able to make a recommendation to the panel at the August 13th panel meeting.
 - Greg Price will set this up

These meeting minutes will be posted to the TMC website for gear rating members to be able to access and reference them