DATE: September 17, 2013 (revision date)

SUBJECT: WIRE ROPE SHEAVE INSPECTION

RATING: □ DIRECTIVE  □ ALERT
   (Action is required)

☐ INFORMATION  ☐ PRODUCT IMPROVEMENT
   (Enhance Product)

Machine Model (s): All American & Ohio Locomotive Cranes

Serial Numbers: n/a

Summary: Inspection of Wire Rope Sheaves

Operational Impact:

- Rope sheaves should be periodically inspected for roughness and worn spots.
- Worn sheaves may damage the rope which could result in rope breakage or bad spooling.
- A proper fitting sheave should support the rope over 135 - 150 degrees of rope circumference.
- An inspection gauge would be of the nominal rope plus one half of the allowable rope oversize.
Lubricating the Wire Rope and the Rope Sheaves will reduce wear, thus increasing the life of the Wire Rope and the Sheave.