

## **2004 Western Maintenance Conference**

### **Tower Breakout Sessions - Colorliner/Newsliner/Metrocolor**

**Facilitators: Dana Reed and Eric Rosebrock (Seattle Times), Dan Zimich (Goss)**

\*\*

#### **Parts/Service: Monday 10:50 - 12:30 - Merita Sheive, Ken Thomas**

- The CSM is still open for the west coast. Goss is hoping to fill the position soon.
- Preferred Service Program ([click here for details](#)) allows you to get a discount on parts and service if you contract Goss for a week's service, training or audit. Seems like you can't go wrong if you're planning it anyway and need to buy some pricy parts (one time purchase).
- Merita said that Goss is willing to look at stocking long-lead items that we cannot afford to stock ourselves. This assumes that other sites share that part. Examples are cylinders, gear boxes, RTF, etc. Send Merita a note and she will evaluate it.
- Goss was asked about taking procurement cards for parts-link order. Their system cannot currently handle them, but they hope it will soon and commits to make it work by Feb 2006.
- Seattle, Denver (Rocky Mt.), Phoenix, and Boston Globe are all experiencing failures with their digital page packs spool valves (weeping). This seems to occur after about 10 years of use. These site are going to look into a group order to reduce the cost. Contact Dana Reed if you are interested. 425-489-7158
- Goss was asked about rebuild kits for Center-15 and Inker Silencer Clutches. Goss is "thinking" about doing kits for both, but didn't offer anything specific. Seattle is currently having good success with rebuilding clutches for about \$400 each with off the shelf parts and some machining work. Rocky Mountain also stated that hardened rings (Inker Silencer Clutches) are readily available from Precision Press Products.
- Miami shard that after experiencing problems with Baldwin Double head ultrasonic detectors, is replacing them with Sick infrared detectors. Miami thinks that high-frequency air noise was affecting the Baldwins. See the pdf document on this web site regarding the specifics of the Sick upgrade. Goss presses in Europe come with infrared heads.
- Earl Simon – Goss Director, Parts Service Sales stated that he thinks Goss can beat Nenscos's current price on pipe roller bearings. He will supply a price quote.

#### **RTP/Controls: Monday 1:45 - 3:15 - John Scheckel, Tom Bogert**

- Contra Costa reported chronic problems with VP-19 faults with Allen Bradley drives on their 1395 CT50 reels while inching the press. They think it may caused by power quality. John suggested they do a mother board upgrade.
- A suggestion was made to look at Tribco Kevlar brake pads, which are supposed to last a long time and are not affected by contamination as much.
- Goss offered that single board Comm boards are now available.
- Seattle reported ongoing reliability problems with slip rings and fingers. Others also reported the same. CCN reported that recently purchased replacements from Goss were plated properly and failed in a short timeframe. Miami is working on a new slip ring modification (see document on this web site). The New Jersey Star Ledger is working with Siple Bros. on a new design that Seattle is testing also. It was suggested that Goss look seriously at this as well.
- Miami has developed another integrated slip ring solution. See the pdf document describing this conversion.
- "Triple Trap" was discussed regarding problems with paster success. This is when you wrap more than three rollers within 30 inches, causing a tension burst in the sheet. Could be a problem.
- Press Control upgrades – Sacramento Bee has installed Harlan Simon and is very happy. Phoenix installed Rockwell. Miami is actively looking.

### **Quality: Monday - Monday 3:35 - 5:00 - Peter Farmer, Ragi Isaac, Tom Bernth**

- New York Times is doing ink train dampening. Need to move the mount for the spray bar and remove some rollers, including fuzzy. Supposedly saves ink and water. Also conformed by Goss (Ragi Issac) as a better approach to current methods.
- Goss is testing a new method of verifying spray bar consistency. 50 vials across the bar to measure volume. Min to max cannot exceed 20% variation. Can be done on the press. Major issues with spray bars are being found to be nozzle orifice variation – even with new nozzles.
- Fountain Chilling – Goss has done extensive testing and has found that there is no correlation between fountain temperature and image quality on spray bar system (but yes on brush systems). It does however help control microorganism issues. Per Ragi Issac “if you don’t have a microorganism problem, you shouldn’t waste your money”.
- Goss is recommending against the use of Chlorine to disinfecting fountain systems because it attacks stainless steel (cylinders, etc). Recommends hydrogen peroxide.
- Lockup cleaning - Goss recommends using WD 40 and a rag. Spray along the slot, collecting the gunk on the rag as you go.

### **Units: Tuesday 8:30 - 10:00 - Ken Wilke, Jeff Johnson**

- Discussion about the merits of checking impressions on the center of the cylinders also to check for skew issues. Hard to do with new blankets just installed. Suggested that we do this only if we think there may be a skew problem.
- Phoenix has been having a problem with some D level bevel gear keys shearing off.
- Oil was discussed. Seattle is moving to Mobile 626. Others used are Waylube, Boyd’s, and Syntek 68. NY Times suggested that you can filter down to 10 microns before additives will be removed from the oil. The also use a flushing agent to remove “cling” from inside the units prior to replacing the oil.
- NY times is having a problem with water buildup in the oil sump on two units of ½ gal/week. Not sure where it is coming from. It was suggested to check whether it is blanket wash or condensate from the air.
- CCN discussed issues with OxyDry blanket washers. OxyDry has changed the spec for a gear set from plastic to steel which is causing undue wear in other gears. CCN services the heads every 6 months, remove, clean, tighten loose bolts.
- Rigid hydraulic lines – Goss retrofit (\$\$\$). Seattle replaced all of their lines with new style fittings.
- Antiwrap trolleys can cause serious issues with wraps during web breaks if not maintained properly. The group agreed that an increased level of maintenance on these beasts is necessary. Phoenix rebuilds theirs every year.
- Inker silencer clutch retrofit . Goss has hardened rings as a regular part. (So does Precision Pressroom Parts for slightly less). Some discussion about the availability of the individual gears. Zimich said he’d let the group know.
- Blanket brands being used
  - a) Most are using “Day” blankets with success
  - b) One is using “Nensco” NP32 with success
  - c) One is testing “DYC” finding lose of height within two weeks
- Blanket torque lbs.
  - a) New blanket first torque at 45lbs
  - b) New blanket re-torque at 40lbs
  - c) Out of the five people talked to none put a used blanket back on.
- For installation of a good used blanket 35lbs should work fine.
- For new installations it was recommended to change to the 45lb-40lb torque specifications.

- Oxy-Dry blanket washer heads
  - a) Some brush roller heads have a metal drive gear installed within the brush drive train. It was noted that this gear, if any type of brush binding occurs, this metal gear will damage all the composite gears involved.
  - b) Oxy-Dry has recommended that a brush renewal and a spray tube hole cleaning be done once a year.  
It was noted, installation was done three years ago, that a minimum of six months is closer to the frequency.
  - c) From the same pressroom, it was also noted that removal of the brush heads was a problem. If care in removal was not taken, the brush-cleaning bar was easily bent.
- Spray Bars
  - a) There is a spray bar stiffener available from Goss. Sagging is not an issue for our application as long as the gap is set correctly.
  - b) Removing spray bar doors was not recommended. It is though this would cause an increased level of over spray, which will increase corrosion to near by parts.
  - c) It was recommended, in addition to a flow test, a spray bar nozzle test is added. This uses 32 beakers to verify the nozzle fan out therefore the nozzle condition.
- Currently, maximum recommended durometer reading for all types of rubber rollers is 45, however it was recommended that, for all water rollers, maximum should not exceed 35.
- The practice of bleaching to control bacteria in fountain solution was not recommended. It was said to increase corrosion. Goss recommends using peroxide systems instead.
- The Seattle Times currently bleaches every three weeks and peroxide once each week.
- The amount of peroxide needs to be precise, as well the day of treatment.
- The water should be tested each week with samples be drawn just prior to treatment.

**Folder: Tuesday 10:20 - 12:00 - Slavek Panek, Jim Murphy**

- Goss recommends the use of 3/8" over 5/8" nips due to notching over time and resulting problems with smaller product.
- Goss recommends an adjustable former nose (like Seattle and NYT) to help control web particularly if you frequently change between large and small products.
- Sympathy breaks on balloon leads? – you may not have enough trolley pressure. If the breaks are on the former – you may not have enough nip.
- RTF grooves could cause tension issues if the groove exceeds .005. (gain loss) Time to replace RTF or segments.
- The second fold rollers run 17% faster than the speed of the paper entering them. This helps the paper get out of the folder and not catch the pins (or out of Dodge as Slavek puts it).
- Goss recommends that you not turn cutting rubbers over 180% when worn, but 90%. You get non-uniformity blisters which could cause problems.
- After wrapping a RTF several times, it is possible to widen the gap between RTF and former plate or change the height adjustment of the former plate in relationship to the RTF surface. It was suggested that, if wrapping continues former settings might need to be adjusted.
- Knife box cheek woods
  - a) With the change from using a sectioned knife blade to a one-piece knife blade, a knife box could run indefinitely before changing it. What is being seen is the cheek woods are wearing out long before the knife blade. Therefore, rather than changing a knife box when a knife blade section wears out, a PM should be generated to address the cheek woods wearing. When the cheek woods are being replaced, this would be an ideal time for MA to verify the knife blade height.
  - b) It was recommended that knife boxes be changed every four months, doing one press folder each month for four months then repeating this rotation every four months year round.

