

# Date Distributed:

**NATIONAL BOARD**

**SUBCOMMITTEE**

**REPAIRS AND ALTERATIONS**

MINUTES

These minutes are subject to approval and are for committee use only. They are not to be duplicated or quoted for other than committee use.

Meeting of July 19th, 2017

Columbus, Ohio

The National Board of Boiler & Pressure Vessel Inspectors

1055 Crupper Avenue

Columbus, Ohio 43229-1183

Phone: (614)888-8320

FAX: (614)847-1828

1. **Call to Order**

Chairman George Galanes called the meeting to order at 8:00AM

1. **Introduction of Members and Visitors**

The Committee members and guests introduced themselves .

The attendees are identified on the attendance sign in sheet (Attachment Pages1-2). With the attached

attendance listing, a Committee quorum was established.

Mr. Craig Hopkins has nominated Isaac Osborn as his Alternate for this meeting.

Ms. Pat Becker is the Alternate for Mr. Ray Millett.

1. **Announcements were presented by Secretary Vallance**

There will be a picnic dinner starting at approximately 5:30PM at the Pavilion next to the lake.

There will be a Continental breakfast and a lunch provided for committee members Thursday.

1. **Adoption of the Agenda**

A motion was made and unanimously approved to adopt the agenda as amended.

1. **Approval of the Minutes of January 11th, 2017 Meeting**

A motion was made and unanimously approved to accept the minutes from the January 11th, 2017 meeting.

1. **Review of Rosters**
   1. **Membership Nominations**

* Mr. Joel Amato announced he will be resigning from the Subcommittee and Subgroup, Repairs and Alterations after this meeting since he has been elected the Chairman of the National Board, Board of Trustees. To replace him Joel has placed in nomination Mr. Paul Shanks.

A motion was made and unanimously approved for Paul Shanks to become a member of the Subcommittee and Subgroup on Repairs and Alterations. Final approval for appointment will be given by the NBIC Committee, subject to the acceptance of the Chair of the Board of Trustees.

* Monte Bost – SG Graphite
* Paul Welch – SG Locomotive
* Rick Musser – SG Locomotive
* Charlie Cross – SG Locomotive
* Mark Jordan – SG Locomotive
* George Scerbo – SG Locomotive
* Jon Wolf – SG Historical

A motion was made to appoint members Monte Bost-SG Graphite, Paul Welch, Rick Musser, Charlie Cross , Mark Jordan, George Scerbo-SG Locomotive , and Jon Wolf-SG Historical. The motion was unanimously approved. These appointments are subject to the approval of the Chairman of the Board of Trustees.

* 1. **Membership Reappointments**
* Rob Troutt – SG Repairs and Alterations, SC Repairs and Alterations
* Aaron Viet – SG Graphite
* Wayne Jones – SG Repairs and Alterations
* Rick Valdez – SG Repairs and Alterations

A motion was made to reappoint Rob Troutt – SG Repairs and Alterations and SC Repairs and Alterations, Aaron Viet – SG Graphite, Wayne Jones and Rick Valdez to SG Repairs and Alterations.

The motion was unanimously approved. These reappointments are subject to the approval of the Chairman of the Board of Trustees.

* 1. **Officer Selection**
* SG Repairs and Alterations selection for Chair will be Brian Boseo.

A motion was made and it was unanimously approved to appoint Brian Boseo as the Chair of Subgroup Repairs and Alterations. Final approval for appointment will be given by the NBIC Committee, subject to the acceptance of the Chair of the Board of Trustees.

* SG Repairs and Alterations selection for Vice Chair will be Benjamin Schaefer.

A motion was made and it was unanimously approved to appoint Benjamin Schaefer as the Vice Chair of Subgroup Repairs and Alterations. Final approval for appointment will be given by the NBIC Committee, subject to the acceptance of the Chair of the Board of Trustees.

1. **NBIC Business**
2. **Interpretations**

|  |  |  |
| --- | --- | --- |
| **Item Number: IN15-1301** | **NBIC Location: Part 3, 3.3.3 s, 3.4.3g** | **Attachment Page 3** |
| **General Description:** Does changing a bolt material require an "R" form and stamp? | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** Jamie Walker PM | | |
|  | | |
| **July 2017:** Jamie Walker presented the attached interpretation to the committee. A motion was made and unanimously approved to move this to the NBIC Committee for consideration. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: IN16-0401** | **NBIC Location: Part 3** | **No Attachment** |
| **General Description:** Certificates of Authorization for companies in a merger or acquisition | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** J. Amato (PM), R. Cauthon, B. Wielgoszinski, G. Scribner  **July 2017:** Joel Amato presented this item. With National Board staff review it has been determined this interpretation was not within the NBIC Part 3. The NBIC Secretary should send a letter to the submitter with language associated with this determination. A motion was made and unanimously approved to close this item with no further action. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: IN16-1201** | **NBIC Location: Part 3** | **No Attachment** |
| **General Description:** Are new calculations required if a routine repair is done with material that has a greater allowable stress than the original material? | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** Nathan Carter PM, Ben Schaefer.  **July 2017:** Nathan Carter indicated the Task Group has tried to contact the submitter of the item to get clarification with no progress in those efforts.A motion was made and unanimously approved to close this item with no further action. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: IN16-1301** | **NBIC Location: Part 3** | **No Attachment** |
| **General Description:** To determine if a liquid pressure test must be deemed impracticable before NDE can be performed to verify the integrity of repairs to pressure retaining items and connecting welds of replacement parts. | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** Nathan Carter PM  **July 2017:** There have been discussions with the submitter that this interpretation did not fit into NBIC Part 3. Certificate holder and Inspector should come to an understanding associated with this item. The submitter has asked it be withdrawn. A motion was made and unanimously approved to close this item with no further action. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: IN17-0101** | **NBIC Location: Part 3** | **No Attachment** |
| **General Description:** May the certificate owner’s audit responsibilities be extended to limit the ANIS audit to areas of responsibility required to be continually maintained such as training, audits, organizational structure, QA Program revisions, etc. when no (physical) work is performed. | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** NR Task Group  **July 2017:** Mr. Paul Edwards indicated the Task Group has decided to close this item after it was considered a possible code change verses an interpretation. Action Item number 17-154 was opened for the Task Group to look at a code revision. A motion was made and unanimously approved to close this item with no further action. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-135** | **NBIC Location: Part 3, Section 3** | **Attachment Page 4** |
| **General Description:** Must an "R" stamp be applied after the restoration of a corrugating roll? | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** Dave Martinez PM, Nathan Carter, Marty Toth  **July 2017**: Dave Martinez presented the attached interpretation. A motion was made and unanimously approved to move this to the NBIC Committee for consideration. A new Action Item 17-161, to be taken up at the January 2018 meeting, was opened to look at corrugated rolls in relation to Routine Repairs. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-141** | **NBIC Location: Part 3, 5.7.2** | **Attachment Page 5** |
| **General Description:** Waive repair nameplate in certain circumstances | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** Rob Troutt PM, Ben Schaefer, Jamie Walker  **July 2017:** Bob Troutt presented the attached interpretationto the committee.After review and discussiona motion was made and unanimously approved to move this to the NBIC Committee for consideration. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-142** | **NBIC Location: Part 3** | **No Attachment** |
| **General Description:** Is the installation of a welded flush patch in an ASME Section VIII, Div. 1 pressure vessel seamless head classified as a repair? | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** Bill Vallance  **July 2017:** Mr. Vallance indicated the submitter, via email, has requested this item it be withdrawn.A motion was made and unanimously approved to close this item with no further action. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-143** | **NBIC Location: Part 3** | **No Attachment** |
| **General Description:** Can an "R" stamp certified shop manufacture and use parts for use on the pressure boundary to complete the repair of a boiler? | | |
|  | | |
| **Subgroup:** Locomotive  **Task Group:** Lynn Moedinger PM  **July 2017:** Mr. Moedinger presented thatthe SG Locomotive has worked on this item and is sending the action item out for a letter ballot to the Sub Group Locomotive. Progress report. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-146** | **NBIC Location: Part 3** | **Attachment Page 6** |
| **General Description:** Welder continuity records during joint review | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** Jim Pillow PM, R. Troutt, J. Sekely, Marty Toth  **July 2017:** Mr. Pillow presented the revision attachment and after discussions**,** a motion was made and unanimously approved to move this to the NBIC Committee for consideration. | | |

1. **New Business-Interpretations**

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-0201** | **NBIC Location: Part 3** | **No Attachment** |
| **General Description:** Blind Flanges and Code Repair Boundary—(Interpretation) | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** Jamie Walker PM  **July 2017:** The interpretation request was presented to the committee. After review and discussiona motion was made and unanimously approved to close this item with no further action. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: 17- 0158** | **NBIC Location: Determining Practical** (Interpretation) | **Attachment Pages 7-8** |
| **General Description:** Practicable | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** R Underwood  **July 2017:** R. Underwood presented the interpretation for NBIC Part 3 how or what shall the term practicable be base on.This interpretation came out of Action Item NB16-2602, which will remain open for a code revision. A motion was made and unanimously approved to move this to the NBIC Committee for consideration. | | |

1. **Action Items – Old Business**

|  |  |  |
| --- | --- | --- |
| **Item Number: NB13-1401** | **NBIC Location: Part 3, S1.9.2** | **No Attachment** |
| **General Description:** Add wording in this section regarding boiler tube welding | | |
|  | | |
| **Subgroup:** Locomotive  **Task Group:** R. Stone (PM), Lynn Moedinger | | |
|  | | |
| **July 2017:** L. Moedinger presented a progress report from SG Locomotive | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB13-1405** | **NBIC Location: Part 3, S1.2.9** | **No Attachment** |
| **General Description:** Add requirements for throttle pipes, dry pipes, superheater headers, and front end steam pipes | | |
|  | | |
| **Subgroup:** Locomotive  **Task Group:** R. Stone (PM), Lynn Moedinger. | | |
|  | | |
| **July 2017:** L. Moedinger indicated the SG Locomotive has voted to close this item and opened new action item #17-155 to further address the description above. A motion was made and unanimously approved to close this item NB13-1405 with no further action. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB13-1407** | **NBIC Location: Part 3, S1** | **No Attachment** |
| **General Description:** Add requirements for repair and alteration of bolts, nuts, and studs in locomotive boilers | | |
|  | | |
| **Subgroup:** Locomotive  **Task Group:** R. Stone (PM), Lynn Moedinger | | |
|  | | |
| **July 2017:** L. Moedinger indicated the SG Locomotive has voted to close this item and opened new action item #17-157 to further address the description above. A motion was made and unanimously approved to close this item NB13-1407 with no further action. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB13-1408** | **NBIC Location: Part 3, S1** | **Attachment Pages 9-13** |
| **General Description:** Add requirements for repair and alteration of locomotive boilers with threaded boiler studs of the taper thread and straight thread varieties | | |
|  | | |
| **Subgroup:** Locomotive  **Task Group:** R. Stone (PM), Lynn Moedinger | | |
|  | | |
| **July 2017:** Lynn indicated the SG Locomotive reaffirmed the attached document. A motion was made and unanimously approved to send this out for a letter ballot to the SC Repairs and Alterations. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB15-1602** | **NBIC Location: Part 3, S2.7.1** | **No Attachment** |
| **General Description:** Revise material list for historical boiler reports to include bolts, studs, nuts and formed pressure parts | | |
|  | | |
| **Subgroup:** Historical  **Task Group:** T. Dillon (PM), M. Wahl, G. Galanes | | |
|  | | |
| **July 2017:** Joel Amato gave a progress report on this item. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB15-2208** | **NBIC Location: Part 3, S3** | **No Attachment** |
| **General Description:** Investigate repair options for graphite block heat exchangers | | |
|  | | |
| **Subgroup:** Graphite  **Task Group:** Greg Becherer (PM)  **July 2017:** Bill Vallance gave a progress report on this item. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB15-2210** | **NBIC Location: Part 3** | **No Attachment** |
| **General Description:** Reduce cementing requirements for plugging of tubes | | |
|  | | |
| **Subgroup:** Graphite  **Task Group:** C. Cary (PM)  **July 2017:** Bill Vallance gave a progress report on this item | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-0303** | **NBIC Location: Part 3** | **No Attachment** |
| **General Description:** Fillet welded patches | | |
|  | | |
| **Subgroup:** SG Repairs and Alterations  **Task Group:** Brian Boseo PM, B. Morelock, R Underwood, J. Walker  Ju**ly 2017:** B. Boseo presented the document and let the committee know the SG Repairs and Alterations will have a letter ballet sent out.Progress report. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-0504** | **NBIC Location: Part 3, Section 2** | **No Attachment** |
| **General Description:** Ensure SWPS reference table is up-to-date | | |
|  | | |
| **Subgroup:** SG Repairs and Alterations  **Task Group:** J. Sekely PM  **July 2017:** J. Sekely told the committee all of the SWPS’s published in the 2017 NBIC Part 3 code make them now up to date. He is requesting this item be closed with no further action.A motion was made and unanimously approved to close this item with no further action. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-0608** | **NBIC Location: Part 3, 1.8.2** | **No Attachment** |
| **General Description:** Address Nuclear QA program requirements for owner and certificate holder | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** NR Task Group  **July 2017:** Paul Edwards gave a NRTG progress report for this item. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-0609** | **NBIC Location: Part 3, 1.8.7 and 1.8.8** | **No Attachment** |
| **General Description:** Add requirements from 1.8.6 l) 2) for Category 2 and 3 for accreditation of subcontracted calibration and testing services | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** NR Task Group  **July 2017:** Paul Edwards gave a NRTG progress report for this item. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-0810** | **NBIC Location: Part 3, 3.4.3 e)** | **No Attachment** |
| **General Description:** Add additional example of alteration relating to burners | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** Mike Webb PM, G. Scribner  **July 2017:** Gary Scribner gave a Progress report for this item. Mike Webb submitted and email document during the NBIC Committee meeting to Mr. Scribner for future consideration associated with this item. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-1302** | **NBIC Location: Part 3, S3.2** | **No Attachment** |
| **General Description:** Pressure test requirements rewrite for graphite vessels | | |
|  | | |
| **Subgroup:** Graphite  **Task Group:** None assigned  **July 2017:** Bill Vallance gave a progress report for this item. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-1303** | **NBIC Location: Part 3, S3.5.1 f)** | **No Attachment** |
| **General Description:** Revise wording mandating examination and evaluation for graphite vessels | | |
|  | | |
| **Subgroup:** Graphite  **Task Group:** None assigned  **July 2017:** Bill Vallance gave a progress report for this item | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-1402** | **NBIC Location: Part 3** | **No Attachment** |
| **General Description:** Life extension for high pressure vessels above 20 years | | |
|  | | |
| **Subgroup:** FRP  **Task Group:** M. Gorman (PM)  **July 2017**: No action was taken on this item. A progress report was given for this item. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-1403** | **NBIC Location: Part 3, S4** | **No Attachment** |
| **General Description:** Add information on repair of high pressure vessels | | |
|  | | |
| **Subgroup:** FRP  **Task Group:** N. Sirosh (PM)  **July 2017:** No action was taken on this item. A progress report was given for this item. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-1502** | **NBIC Location: Part 3** | **No Attachment** |
| **General Description:** Develop supplement for repairs and alterations based on international construction standards | | |
|  | | |
| **Subgroup:** SG Repairs and Alterations  **Task Group:** International Repair Supplement Task Group  **July 2017:** George Galanes presented a progress report indicating the Task Group has not met to finalize an international repair supplement. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-1801** | **NBIC Location: Part 3, S1** | **No Attachment** |
| **General Description:** Review Part 3 S1 for revisions based on the publication of ASME Section 1, Part PL | | |
|  | | |
| **Subgroup:** Locomotive  **Task Group:** L. Moedinger (PM)  **July 2017:** L. Moedinger gave a progress report for this item. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-2001** | **NBIC Location: Part 3, 1.6.1 c)** | **Attachment Pages 14-17** |
| **General Description:** Update language about record maintenance in Table 1.6.1 c) | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** J. Pillow (PM)  **July 2017:** J. Pillow presented to the committee the proposed revision requiring the R Certificate Holder maintain welder continuity records for a minimum of 5 years.A motion was made and passed with 2 negatives votes from- Kathy Moore &Rob Troutt, to move this onto the NBIC Committee for consideration. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-2504** | **NBIC Location: Part 3, S1** | **No Attachment** |
| **General Description:** Evaluate adding SA-234 to the piping reference table S1.1.3.1 | | |
|  | | |
| **Subgroup:** Locomotive  **Task Group:** D. Griner, M. Janssen  **July 2017:** Lynn Moedinger gave a progress report for the Locomotive item. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-2602** | **NBIC Location: Part 3, Section 9** | **No Attachment** |
| **General Description:** Add definitions for practicable and ~~impracticable~~ **practical** to glossary | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** R. Underwood PM, Ray Milletti, J. Sekely  **July 2017:** R. Underwood gave a progress report for this item. He indicated he was going to open up a new item, Interpretation#17-158 in hopes to get this out before the 2019 code glossary can be updated. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-2603** | **NBIC Location: Part 3, Section 4** | **Attachment Pages 18-20** |
| **General Description:** Change the maximum test pressure requirement when performing liquid pressure tests of repair activities. | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** Rob Underwood, PM  **July 2017:** R. Underwood revised both the repair and alteration paragraphs to read: The test pressure shall not exceed the maximum hydrostatic test pressure of the original code of construction. A motion was made and unanimously approved to move this to the NBIC Committee for consideration. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-2701** | **NBIC Location: Part 3, S4.18.2.1 b)** | **No Attachment** |
| **General Description:** Include "test patch" synonym "de-bond or peel test" | | |
|  | | |
| **Subgroup:** FRP  **Task Group:** T. Cowley  **July 2017:** No action was taken on this item. A progress report was given to the committee. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB16-2901** | **NBIC Location: Part 3, Sections 1 and 3** | **No Attachment** |
| **General Description:** Result of PR16-0201, add additional requirements related to mechanical repairs | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** R. Valdez, PM  **July 2017:** The Sub Committee has been reviewing this item and indicated to this Committee that a code change is not needed at this time. A letter from the NBIC Secretary should be sent to the submitter indicating: Your request for a change to the NBIC to include certain mechanical repairs has been reviewed by the Committee and it was determined that no change is needed at this time. Please consult with the Jurisdiction for repairs by mechanical means. A motion was made and unanimously approved to close this item with the response above. | | |

1. **Action Items – New Business**

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-114** | **NBIC Location: Part 3, 2.5.3.6** | **No Attachment** |
| **General Description:** Controlled fill technique for Grade 91 steel | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** G. Galanes  **July 2017:** G. Galanes gave a progress report. He is requesting the NBIC Secretary send a letter to the submitter asking him if the controlled fill technique referenced in the 2017 NBIC Part 3 Supplement 8 will satisfy his needs. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-134** | **NBIC Location: Part 3, Section 5** | **No Attachment** |
| **General Description:** Proposed Revision for registration of Form R-1 with the National Board containing ASME pressure part data reports attached. | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** Mr. Shanks PM,Rob Troutt, Joel Amato, Kathy Moore, Paul Edwards  **July 2017:** R Troutt entered into a committee discussion in association with this subject in the hopes of developing a revision. This is considered a progress report. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-137** | **NBIC Location: Part 3, S4.18.2** | **No Attachment** |
| **General Description:** Remove "sand" blasting and replace with "abrasive" in Part 3, S4.18.2 | | |
|  | | |
| **Subgroup:** FRP  **Task Group:** Terry Cowley  **July 2017:** No work was done on this item. Progress report is considered. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-138** | **NBIC Location: Part 3, S2** | **Attachment Pages 21-22** |
| **General Description:** Add new paragraph on pressure testing to Part 3, S2 | | |
|  | | |
| **Subgroup:** Historical  **Task Group:** R. Underwood PM,Lynn Moedinger  **July 2017:** R. Underwood indicated Supplement 2 does not have requirements for the examination and testing to verify the integrity of alterations and repairs. He presented the attached revision for committee consideration. A motion was made and unanimously approved to move this to the NBIC Committee for consideration. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-139** | **NBIC Location: Part 3, 2.2.3** | **Attachment Pages 23-26** |
| **General Description:** Performance qualification by independent qualifier | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** Jim Pillow PM , J Sekely  **July 2017:** J. Pillow presented the proposal to the have independent qualifiers added to NBIC Part 3 for welder performance qualifications**.** Mr. Pillow considers this proposal would be better served to have a review and comment ballot run concurrently for both the SG and SC Repairs and Alterations. A motion was made and unanimously approved to send this out for a review and comment ballot to both SG & SC Repairs and Alteration. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-145** | **NBIC Location: Part 3, S1.2.2-S1.25** | **No Attachment** |
| **General Description:** Clarify repair vs. alteration for locomotive boilers | | |
|  | | |
| **Subgroup:** Locomotive  **Task Group:** Lynn Moedinger PM  **July 2017:** L. Moedinger gave a progress report for this item. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-150** | **NBIC Location: Part 3, 3.4.1, 4.4.2** | **Attachment Page 27** |
| **General Description:** Waived Press Test & remarks on R-2 | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** Gary Scribner  **July 2017:** G. Scribner presented the attached code revision to 3.4.1 d) & 4.4.2. In part, it states that if the pressure test is waived a comment shall appear in the Remarks section of the R Form. A motion was made and unanimously approved to move this to the NBIC Committee for consideration. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-151** | **NBIC Location: Part 3, 2.5.3.6** | **Attachment Page 28** |
| **General Description:** Weld Method 6, Welding Processes | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** George Galanes PM  **July 2017:** G. Galanes turned the committee over to Vice Chair Jim Pillow. G. Galanes presented the attached code revision to Weld Method 6, paragraph 2 in 2.5.3.6**:** *SMAW ~~or~~ and/or GTAW* to allow the use of either or both welding processes. A motion was made and unanimously approved to move this to the NBIC Committee for consideration. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-152** | **NBIC Location: Part 3, Weld Meth. 2&4** | **Attachment Pages 29-31** |
| **General Description:** Full “T”, Weld Methods 2&4 | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** George Galanes PM  **July 2017:** G. Galanes presented revisions to Weld Method 2, 2.5.3.2 and Weld Method 4, 2.5.3.4 to allow for full thickness temper bead welding under certain conditions.A motion was made and unanimously approved to move this to the NBIC Committee for consideration.  G. Galanes took back the Chairmanship of this Sub Committee. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: 17-154** | **NBIC Location: Part 3 1.6…….** | **Attachment Page 32** |
| **General Description: Audits** | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** NRTG  **July 2017:** P. Edwards presented the NRTG proposed code revision to 3 separate NBIC Part 3 paragraphs 1.6.6.2 r), 1.6.7.2 r), and 1.6.8.2 r) changing these from just internal audits to; Audits shall include internal audits by the Certificate Holder and audits by the Authorized Inspection Agency.A motion was made and unanimously approved to move this to the NBIC Committee for consideration. | | |

|  |  |  |
| --- | --- | --- |
| **Item Number: NB17-0702** | **NBIC Location: Part 3 1.6.7.2 n)2)f.** | **Attachment Page 33** |
| **General Description: NDE Reports** | | |
|  | | |
| **Subgroup:** Repairs and Alterations  **Task Group:** NRTG  **July 2017** P. Edwards presented the NRTG proposed code revision to the 1st sentence of Part 3 paragraph above: f. Non Destructive Examination reports, including results of examinations, shall identify the ~~ASNT, SNT-TC-1A, CP-189, or ACCP~~ name and certification level of personnel interpreting the examination results. ~~as ASME Section XI~~. A motion was made and unanimously approved to move this to the NBIC Committee for consideration. | | |

1. **Future Meetings**

* January 8th-11th, 2018 – New Orleans, Louisiana
* July 16th-19th, 2018 – Columbus, Ohio

1. **Adjournment**

**Meeting Adjourned at 11:45 AM**

Respectfully submitted,

William Vallance

NBIC Part 3 Secretary