



Billet Survey Main Span (East)

DATE. 14th & 15 th. October 2015.

Requested survey carried out on the above dates . : Current status as follows. :

Main Span: North East

PP 48 - Old style packer system installed. Packer No 1. Missing. Packer wear – down evident on Half joints No 2, 3 & 4. Deck panel movement evident . Noisy at time of inspection. (platform in place to replace packing system)



PP 50 - New half joint hard-ox packer system installed. Gaps appearing between packers & lower jaws of half joints. Slight deck panel movement evident. Fitted packers appear to be moving forward on jaws of half joint. Remains satisfactory A/T/O/I.



- PP 52 Old style packer system installed. Slight movement evident on deck panel. Remains satisfactory A/T/O/I.
- PP 54 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 56 Old style packer system installed. Remains satisfactory A/T/O/I.
- PP 58 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 60 New half joint hard-ox packer system installed on stringer half joints No 1 & 2. Packers appear to be flattening out. Deck panel movement on Stringers No1 & 2. As vehicles of a certain axle weight pass over. Will monitor condition.
- PP 62 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.

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- PP 64 New half joint hard-ox packer system installed on stringer half joints No 1 & 2. only Packers appear to be flattening out. On stringer half joints No 3 & 4 old style packing system installed. Slight noise/ deck panel movement evident As vehicles of a certain axle weight pass over. Will monitor condition.
- PP 66 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 68 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 70 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 72 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 74 Old style packer system installed. Remains satisfactory A/T/O/I.
- PP 76 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 78 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 80 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 82 Old style packer system installed. Gaps appearing packer and upper jaw of half joint . Remains satisfactory A/T/O/I. Will monitor condition.
- PP 84 Old style packer system installed. Remains satisfactory A/T/O/I.
- PP 86 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 88 Old style packer system installed. Remains satisfactory A/T/O/I.
- PP 90 Old style packer system installed. On Stringer half joints No 1 & 2 packers missing. On stringer half joints No 3 & 4, Jaws tight no packers required. Slight noise evident A/T/O/I. Will monitor condition.
- PP 92 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 94 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 96 Old style packer system installed. Remains satisfactory A/T/O/I.
- PP 98 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 100 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.

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Main Span: South East.

- PP 48 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 50 Old style packer system installed. Remains satisfactory A/T/O/I.
- PP 52 Old style packer system installed. Remains satisfactory A/T/O/I.
- PP 54 Old style packer system installed. Stringer half joint No.1. packer wear-down evident No 2. Packer missing. Slight noise As vehicles of a certain axle weight pass over. Will monitor condition.
- PP 56 Remains satisfactory A/T/O/I.
- PP 58 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 60 Old style packer system installed. Stringer half joint No.1 & No 4. packer wear-down evident. Bolt sheared on billet to stringer No 4. (East face)



- PP 62 Old style packer system installed. Slight deck panel movement . Slight chattering of half joint No 1. Evident. Will monitor condition.
- PP 64 Old style packer system installed to half joints on stringers No 1 & 2 only. No packers installed on No 3 & 4. (not required half joint jaws tight.) Deck panel movement & noise evident on Stringers No 1 & 2. As vehicles of a certain axle weight pass over. Requires to be done.
- PP 66 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 68 Old style packer system installed. Wear-down evident on Stringer half joint packers No 1 & 2. Remains satisfactory A/T/O/I.
- PP 70 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 72 New half joint hard-ox packer system installed on Stringer half joints No 1 & 2 only. On stringer half joints No 3 & 4, Jaws tight no packers required. Remains satisfactory A/T/O/I.
- PP 74 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I. G:\dd\t&p\rnmmd\branch8\FRB FOI\2. Inspection Records Main Cable, Cable Anchorages\PDF Version Amey Forth Bridges Unit Operating Contract From 01.06.15\Main Span\Deck Half Joint Survey\Billet survey. October 2015\Billet Survey East Main Span.doc





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- PP 76 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 78 New half joint hard-ox packer system installed on stringers No 1,2 & 4 Old style packer installed on stringer half joint No 3. Remains satisfactory A/T/O/I.
- PP 80 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 82 Old style packer system installed. Wear-down evident on Stringer half joint packers No 1-4. Deck panel movement evident As vehicles of a certain axle weight pass over. **Requires to be done.**
- PP 84 Old style packer system installed. Wear-down evident on Stringer half joint packers No 1-4. Deck panel movement evident As vehicles of a certain axle weight pass over. **Requires to be done.** (platform in place to replace packing system)



- PP 86 Old style packer system installed. Wear-down evident on Stringer half joint packers No 1 & 2. (last survey stated loose bolt on billet 1 (West face) and noisy) Requires to be done.
- PP 88 Old style packer system installed. Remains satisfactory A/T/O/I.
- PP 90 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.
- PP 92 Old style packer system installed. Wear-down evident on Stringer half joint packers No 1-4. Deck panel movement evident A/T/O/I <u>Requires to be done</u>.
- PP 94 Old style packer system installed. Remains satisfactory A/T/O/I.
- PP 96 Old style packer system installed. packer 1 missing, wear down evident on packers 2 & 3, Deck panel movement evident As vehicles of a certain axle weight pass over. Requires to be done.
- PP 98 Old style packer system installed. Remains satisfactory A/T/O/I.
- PP 100 New half joint hard-ox packer system installed. Remains satisfactory A/T/O/I.

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