

Generally applicable Technical Notification - As Procedure in accordance with Group Guideline 138.0202 – TM 2010-307 I.NVT 3	
Factually related Ril:	819
Replacement for TM:	
Filed in the database: Techn. Notifications DB Netz	Server BLNSLR4012/DB AG/DE File name: ba412a\discussion\t\technmittedbnetz.nsf

TM title / indicated action:

TM 2010-307 I.NVT 3

Signal base adapter for ram tube foundation, design Leonhard Weiss (LW)

In force as of:			
Implementation period until:			
Feedback until:		To:	

The TM (Technical Notification) at hand consists of pages 1 through 3 (w/o enclosures).

Co-signature:

Technical line:

I.NPT			LST		TTZ 122
I.NPP			Infrastructure		
I.NPE			KIB		
			E/M		
			Tk		
			Operations		

Clearance:

10/21/10 (illegible signature)
Date Signature

10/21/10 by proxy (illegible signature)
Date signature

Herzig, I.NVT 33
Name, org. unit in plain text

H. Asbrock, I.NVT 34
Name, org. unit in plain text

DB NETZE

Facts / Grounds / Explanation:

The signal base adapter of Leonhard Weiss is another similar design variant for ram tube foundations for light signals in addition to the already existing variants of Bahnbau-Lüneburg GmbH.

Responsibilities / Contacts:

Organizational unit	Name	Mail address	Phone number
I.NVT 34	Hartwig Asbrock	Hartwig.Asbrock@deutschebahn.com	955-30441
TTZ 122	Johann Müller	Johann.Müller@deutschebahn.com	962-3548

- Distribution list acc. to TM (Technical Notification) subscription system (DB Netz AG)**
 Distribution list acc. external mail distribution list
 Distribution to third parties by publishing under DBPortal

Additional information by DB Systemtechnik

<input type="checkbox"/>	DB Projektbau GmbH	<input checked="" type="checkbox"/>	Leonhard Weiss
<input type="checkbox"/>	DB Systemtechnik	<input checked="" type="checkbox"/>	Sw Wuppertal materials codification
<input type="checkbox"/>	DB Bahnbau GmbH	<input checked="" type="checkbox"/>	TET 21 central panel
<input checked="" type="checkbox"/>	EBA Division 21 Munich office	<input type="checkbox"/>	

Enclosure: Technical statement regarding TM 2010-307 I.NVT 3 by TTZ 122

**Signal base adapter for ram tube foundation design Leonhard Weiss (LW)
Limited until 09/30/2015**

Technical statement regarding TM 2010-307 I.NVT 3 / 09/28/2010:

The design of Leonhard Weiss is yet another innovative variant as link between the ram tube foundation and a signal mast for light signals in addition to the already existing variants of signal base adapters provided by Bahnbau Lüneburg. The signal base adapter was already employed in the form of a prototype for construction projects in Anklam / Mecklenburg and in Landau / Palatinate. On account of its positive technical evaluation and for economic considerations regarding competition, utilization of this specific signal base adapter with DB Netz AG is supported.

Relevant documentation:

- Overview plan – foundation design LW 2010, plan no. 1.S.01.a
- Static calculations for type approval (S.1-70) of the Dr. Schleicher engineering office (05/10/2010)
- Constructional inspection – type report on ram tube foundations for individual signals by Ing. Th. Klähne (07/26/2010)
- Explanatory report and design description of Leonhard Weiss (LW)
- Mounting instructions for signal foundations LW 2010

Collateral clauses:

- The holder of the type approval shall make available to the client a copy of the administrative decision together with the documents required by the manufacturers and shall point out the fact that these documents must be available at the point of utilization.
- Prior to the ramming operation, comply with mounting instructions S 8240.25.1t of 2010 (will be published in the near future and replace mounting instructions S 8240.1.2t).
- Comply with the mounting instructions of Leonhard Weiss for the production of ram tube foundations. A record will have to be prepared on production.
- The enterprise charged with the execution of the welding operations must be in the possession of a certification for welding according to DIN 18 800 Part 7 Category E.
- Inspect the weld seams of the signal base adapters for perpendicularity and stress cracks after hot-dip galvanization.
- Include modifications and supplements that result from the constructional and construction supervision inspection in the final planning documents.

Remarks and notes:

- cf. item 10 of the administrative decision of the Federal Railway Authority EBA

Effects on maintenance:

- none

Effects on operation and display:

- none

signed John

signed Müller

Enclosures

- Administrative decision of the Federal Railway Authority EBA dated 09/20/2010, 2151-21izbia/008-2101#025-(037/09-Typ)
- Static calculation by Dr. Schleicher engineering office dated 11/20/2009
- Company drawing 1.S.01a
- Presentation material of the company