![RadioDNS Hybrid Radio logo]

SB48/06 - Minutes for 48th Steering Board Meeting

Tuesday 14th September 2021
09:00 EDT / 14:00 BST / 15:00 CEST

Attendance

Laurence HARRISON (Radioplayer)
Bob HEADS (Frontier)
Walter HUIJTEN (NPO)
Rosie KENDRICK (RadioDNS)
Maximilian KNOP (Konsole Labs)
Badri MUNIPALLA (NPR)
Nick PIGGOTT (RadioDNS Project Director)
Ben POOR (EBU) (Secretary) (Chair)
Nacho Seirul-Lo Salas (NXP)
Dave WALTERS (BBC)
Christian WINTER (AUDI)
John VERMEER (iHeart)

Apologies

David LAYER (NAB)

Agenda

1. Welcome and Introductions
2. Agenda approved
3. Meeting Chair remarks (B. Poor) Apologies from DL who is unwell.
   AP - organise 50th Steering Board which will be in person at the EBU
4. Approved the Minutes of the 47th Steering Board Meeting
5. Action Points Review
   a. 46/03 - identify top 50 global broadcasters and create a list of those we need to target - PO report
   b. 46/04 - NP create document for broadcasters on the different interdependencies and relationships of RadioDNS users - not finished but in process ("Roles in RadioDNS Hybrid Radio")
      AP - all Steering Board to add notes and comments to document Roles in RadioDNS Hybrid Radio ready for approval by next meeting in order to put onto website.
   c. 47/01 - press release our membership high in September (RK)
   d. 47/02 - RK/NP create draft diversity report/policy

     e.   47/03 - find countries where we might be able to find data to develop a RadioDNS participant database similar to the one maintained by NAB in the US. See below.

     f.   47/04 - make data review and proposed solutions an agenda item for the next meeting - see below.

6.   Technical Group Report([TG48/02](#))

Backlog is now cleared and so we can now think about Broadcast Audio Replacement, Metadata push and Analytics.

If docs progress as expected there should be a new update published by ETSI which should be about 18 months after the last update.

Metadata push:

Working towards standardising the way metadata can add in the capability to push through marked up metadata (ie send a text string plus pushing an image displayed directly to the user) it was requested to standardise the component parts that the receiver assembles in order to identify more specifically what each part is and how to display it. Looking at a more contemporary push method and then how different text can be identified. The group is happy with how this will happen and now needs to test it in real life scenarios. Andy Buckingham will write a prototype in order to test this and make sure the standard will work.

NSLS - are there use cases such as differences for right to left or left to right

BP - we are marking up regions

BH - are we using DL+ types

NP - yes, DL+ tags are the right tag set. These are written as text in the standard but are compressed into numeric values but we won't do this, we will leave them as text as in DL+ spec.

Analytics:

There will be more to report at the next Steering Board meeting.

Broadcast Audio Replacement (BAR):

To replace audio with user specific audio on IP. We have some use cases but know there are more to work with. Initially the use case was commercial but we have realised it could also be a good idea in non-commercial situations too. There is a meeting scheduled for 27th September to discuss in more detail.

LH - worth opening up to outside of members?

NP - we have suggested if members know of others that would like to be involved but out of courtesy would like to check with other members to check this will be OK with them. As this is more of a meeting about what we could do before taking back to the TG.

AP: Nicolas Bresou, Nick, Rosie to organise seminar on 27th September and invite members

BP - extend invite to DVB

NP - the DVB process is more about downloading files for storage on the device, this will be much more seamless. A prototype of this was created at Global years ago and it worked well and will bring our learning to this project.

AP - DW, JV, WH, NSLS, BP, LH and BH would like to be invited to this BAR group meeting on 27th September.

7.   Project Office Report ([TG48/03](#))

Discussion of options for spending cash surplus or to hold on just in case we have a drop in members. For further discussion in item 10.

Update on membership

Events update on NAB and Radiodays Europe.

MK - how many attendees will be there?

NP - nothing confirmed but it will be the only event in Europe.

BP - what will happen to the booth if the event is online only

NP - we are hoping the chances of this happening are low, we will still do it as cost is relatively low

Update on communications - see report.

Update on visual design. Website is ready to go but just a few more fixes, once complete we will send the board a link to take a look.

Getting into one harmonised style which you should see hitting before October 1st.

Update on SI files - there are more users so Andy Buckingham is looking at making sure this all works.

AP - feedback on Inclusion statement from the board by the next meeting.

8. SI Data Accuracy Review ([TG48/04](TG48/04))

   Update on current situation: When a proactive service provider approaches a broadcaster, their RadioDNS existence can get duplicated. We notice this, but don't tell the outgoing provider that the broadcaster is moving away from, so the old SI and new SI file both exist and then both services can be discovered in 2 different SI files.

   There has always been a statement in the standard that gives guidance on this (reverse validation) and there is a process that should be followed but we are aware it isn't always the case.

   2 points discussed.

   a. RadioDNS does not directly monitor this and so we propose we could do a one-time activity to get a measure of how much this is a problem.
      NSLS - costs?
      NP - not much, maybe 2 days of Andy's time. However, this is not something we usually do and we will not start routinely doing this.

   b. Do we want to change the way that RadioDNS operates and step into the process to tell the outgoing provider (or prompt the broadcaster to tell) that they are no longer being used. We would also recommend validation of SI files.

   LH - good paper. Radioplayer has been doing lots of work and think it should be worthwhile to do the review. If it throws up lots of issues and there is initial work done is just a one-time shot will fix for that moment in time, but what about on-going? Could we put more onus on service providers?

   NSLS - Could there be a generic procedure for validating files and then we don't need to do anything

   NP - Andy has written a utility that anyone can use (in our Github) which tells you which services in SI files are authentic and which are not.

   NSLS - I would prefer ongoing validation by users.

   NP - the standard already tells people how to do this, but many people aren't doing it because they don't understand why, therefore we have created the tool for people to use. Happy to change messaging to include this, but we need to know if this is a big or small problem.

   BP - think it is a good idea to do it as a one-off, but not on-going and RadioDNS role is not to police this regularly or inform outgoing user they have been dropped.

   NP - we could add this to the testing platform.

   There are enough tools for broadacsters and service providers to work this out so we shouldn't have to contact previous service providers.

   BP - addendum, could we remind them it is their responsibility to communicate the change.

NP - our assumption is that the validator is not being used

CW - we are doing it because there is also security checking involved. The tool is helpful from a manufacturer point of view but doesn't solve the problem of if the data is correct or if the provider has a rebrand etc.

NP - we don't want to take on a responsibility to fix things as an operational function.

AP - it was agreed to run the check at least once and report back to the board. It was also agreed there should be no change in respect of informing outgoing service providers that they are no longer being used.

9. Public Sources of Service Information (TG48/05)

Leads on from creating websites that show viewers the state of RadioDNS in a particular country. There are several questions:

> Who should be doing this
> How much should we get involved
> Who will look after them in other countries

DW - was this an exploratory question re data sets as a marketing exercise against others' claims? It is actually really complicated.

NP - it is difficult to see where other organisations' stats come from. We could ask for organisations to help us find data sets.

WH - very useful information for us internally, each country might want to get involved. But it would need to be National digital radio organisations.

NP - I'll adapt our approach and ask various organisations in different countries to see if they would like to help us put this together.

AP - contact organisations around the world to see if they would like to work together on getting RadioDNS information at a country level publicly available.

10. Membership Fees 2022 (TG48/06)

Update in current and expected membership levels.

NP - does the one rate that fits all still work; we could also have a sliding scale for those members who have more representation

Agreed to continue at the same price of GBP3000 but we should look at a plan to put a gradual increase in place over the next few years.

WH - it would be good to come back to this

Agreed to look at strategy in February and look at scale.

AP - Add fee discussion to February Steering Board meeting agenda

11. Any Other Business

MK - RadioDNS at events - there should be some demonstrations for broadcasters and so I would like to put together some ideas for everyone to input.

NP - Ideas for this will be very welcome indeed.

12. Future meeting dates:

- Monday 6th December at 9am EST / 2pm UTC / 3pm CET- we could delay for the West Coast

    AP - send Doodle to Steering Board to come up with a time more convenient to all

- Tuesday 8th February at 6am EST/ 11am UTC/12pm CET/10pm AEDT
    BP - the Digital Radio Week will probably not be a face to face event, but we could have a meeting.

- General Assembly on 8th February at 9am EST / 2pm UTC / 3pm CET