

Annex A (informative)

Open data registration

Every data application using the Open Data Applications (ODA) feature shall be transmitted together with an Application Identification (AID) number:

- The AID number, for each ODA to be used primarily outside of the United States, is allocated by the RDS Forum (RDS Registrations Office at the address shown on the RDS Forum web site at URL <http://www.rds.org.uk/>);
- For ODAs to be used primarily in the United States, the AID number is allocated by the National Association of Broadcasters (NAB, RDS Registrations Office at the address shown on the National Radio Systems Committee, NRSC, website at URL <http://www.nrscstandards.org>).

Forms shall be completed fully and sent to the appropriate RDS Registration Office (every question shall be answered – the RDS Registrations Office will advise, if difficulty is experienced) together with the nominal fee, published on the websites of the RDS Forum and the NRSC, which is payable with the application. Subject to satisfactory completion, an AID number will be allocated, and a copy of the form will be returned to the applicant. The allocations are coordinated between the ODA Registrations Offices of the RDS Forum and the NAB to avoid that the same allocation is made twice.

Transmissions carrying an AID shall adhere fully to the details, specifications and references of the relevant registration. Any subsequent updates that do not change the fundamental requirements for the transmission of that ODA may allow continued use of the same AID, but advice should be sought from the appropriate RDS Registrations Office.

Details will be kept in the RDS Forum and NRSC ODA Directories, which will be regularly published. An up-to-date version of the Directory will be maintained on both the RDS Forum website and the NRSC website.

Users of an AID must satisfy themselves as to the validity of using it and the accuracy of all related information and must accept all due consequence. The RDS Registrations Office is not liable for any incidental, special or consequential damages arising out of the use or inability to use an AID, whether in transmission or reception equipment.

Note that AID codes are internationally allocated and recognized.

RDS Open Data Applications – Registration Form
FOR ODAs USED PRIMARILY OUTSIDE OF THE U.S.
This form will be published in full, except last two answers, if not specifically permitted.

| | | |
|-----|---|-------------------|
| To: | RDS Registrations Office | Application Date: |
| | For the address and e-mail see http://www.rds.org.uk/ | |

| Question | Information | Comment |
|--|--|---|
| Applicant Name: | | Title/Name of contact |
| Organization: | | Company Name |
| Organization Address: | | Street 1 |
| | | Street 2 |
| | | Town/City |
| | | Area/County |
| | | Postal Code |
| | | Country |
| Application Name: | | 5 or 6 words, maximum |
| Application Description: | <i>Please use additional pages if desired.</i> | Give as much detail as possible. |
| Will the application use the ODA 37-bit group structure – A type the ODA 21-bit group structure – B type or the ODA 56-bit group structure – C type | Tick [] [] [] | |
| ODA details, specifications and references: | Tick, if publication not permitted [] <i>Please attach additional pages.</i> | Give <i>all</i> details, proprietary documents and references. |
| Capacity requirement for both the ODA and AID groups: | Tick, if publication not permitted [] a) ODA groups per second b) AID groups per minute <i>Please use additional pages if desired.</i> | Indicate: ODA groups per second <i>and</i> AID groups per minute. Describe any constraints. |

Open Data Application designers need to consider a number of questions regarding their application and the RDS system interface, so that the RDS bearer is kept in conformity with best implementation practice. The following questions shall be carefully considered (and the following check list shall be completed and attached to all applications. the RDS Registrations Office will advise, if difficulty is experienced).

RDS Open Data Applications – Check List

This check list will not be published.

| Question | Considered | Notes |
|---|----------------------------|--|
| Does the application behave correctly when not all RDS groups are received? | Tick, if considered [] | Necessary for mobile RDS applications |
| Does the application provide the means to identify the Service Provider? | Tick, if considered [] | |
| Does the application allow for future proofing, by upgrading? | Tick, if considered [] | |
| Does the application require sub-sets of associated applications? | Tick, if considered [] | Use of variant codes and/or other groups (e.g. clock-time) |
| Does the application include provision to reference other transmissions carrying the same service? | Tick, if considered [] | PI and AF |
| Does the application include an additional layer of error protection? | Tick, if considered [] | RDS already has considerable capability |
| Does the application include encryption? | Tick, if considered [] | |
| Does the application include data compression? | Tick, if considered [] | |
| Have you defined the capacity requirements for the application? | Tick, if considered [] | |
| Have you defined the capacity requirements for the AID under normal conditions? | Tick, if considered [] | |
| Is your application able to assume and lose the use of a group type? | Tick, if considered [] | |
| If so, have you defined the AID signalling when use of a channel is assumed, e.g. full of emergency info? | Tick, if considered [] | |
| If so, have you defined the AID signalling when use of the channel ceases, e.g. idle without emergency information? | Tick, if considered [] | |

Applicant represents and warrants that it is the owner of all rights in and to the application described herein, and that the application does not infringe any rights, whether common law, statutory, legal or equitable, of any third party.

The RDS Forum Office shall not be liable for disclosure of Confidential Information if made in response to an order of a court or authorized agency of government; provided that when possible notice shall first be given to the applicant/registrant so that a protective order, if desired, may be sought by that party.

Applicant hereby agrees to defend, indemnify and hold the RDS Forum Office and the officers, directors, employees, agents and assigns of any of them (hereinafter "the indemnified parties") harmless against any and all claims, liabilities, judgments, penalties, and taxes, civil and criminal, and all costs and expenses, including reasonable attorneys' fees, which may arise out of or are related to Applicant's representations, warranties, application and/or registration thereof or the actions or failure to act of the indemnified parties with regard to same.

The application/registration system of the RDS Forum Office in Switzerland shall be governed in accordance with the substantive law of Switzerland.

| | |
|------------------------|------|
| APPLICANT SIGNATURE | DATE |
| APPLICANT PRINTED NAME | |

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| <p>RDS Open Data Applications – Registration Form FOR ODAs USED PRIMARILY IN THE U.S. <i>This form will be published in full, except last two answers, if not specifically permitted.</i></p> |
|---|

| | | |
|-----|---|-------------------|
| To: | RDS Registrations Office For the address and e-mail see http://www.nrscstandards.org/ | Application Date: |
|-----|---|-------------------|

| Question | Information | Comment |
|--|--|---|
| Applicant Name: | | Title/Name of contact |
| Organization: | | Company Name |
| Organization Address: | | Street 1 |
| | | Street 2 |
| | | Town/City |
| | | Area/County |
| | | Postal Code |
| | | Country |
| Application Name: | | 5 or 6 words, maximum |
| Application Description: | <i>Please use additional pages if desired.</i> | Give as much detail as possible. |
| Will the application use the ODA 37-bit group structure – A type the ODA 21-bit group structure – B type or the ODA 56-bit group structure – C type | Tick [] [] [] | |
| ODA details, specifications and references: | Tick, if publication not permitted [] <i>Please attach additional pages.</i> | Give <i>all</i> details, proprietary documents and references. |
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| Does the application require sub-sets of associated applications? | Tick, if considered [] | Use of variant codes and/or other groups (e.g. clock-time) |
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Applicant hereby agrees to defend, indemnify and hold NAB, CTA, the NRSC and the officers, directors, employees, agents and assigns of any of them (hereinafter "the indemnified parties") harmless against any and all claims, liabilities, judgments, penalties, and taxes, civil and criminal, and all costs and expenses, including reasonable attorneys' fees, which may arise out of or are related to Applicant's representations, warranties, application and/or registration thereof or the actions or failure to act of the indemnified parties with regard to same.

The application/registration system in the United States shall be governed in accordance with the substantive law of the District of Columbia.

| | |
|--------------------------------|--------------|
| APPLICANT SIGNATURE | DATE |
| APPLICANT PRINTED NAME | |