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eContentplus

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¹ OJ L 79, 24.3.2005, p. 1.



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1 Project Objectives

Overview

The DISMARC project addresses the need to create wider access to the contents of European music audio archives, museums, broadcasters and private collections. Access to audio and audio-related material in European archives has historically been limited, for technical/technological reasons. The enormous variety of archiving and database formats has meant that content catalogues are specific to individual archives, and interoperability, both between archives themselves and between archives and the general public, has until now been unachievable.

We address the 'invisibility' of this important material by harvesting the data collections of participating institutes and individuals, mapping them to a DISMARC-created universal standard and storing them in a 'metastore' for public access. DISMARC aims to create easy access for the general public, the scientific community, the media, the educational community and other audio businesses. Innovations introduced by the DISMARC project are already making themselves felt in the archive world, as eastern European archives become part of a wider European digital library community; established archives are taking note of the emerging DISMARC strategy and the opportunities presented for increased exposure and discovery of their content.

DISMARC addresses the European Digital Libraries i2010 Flagship Initiatives by allowing easier access to more content through the DISMARC browser and data collection; we also address 'Aggregation Across Borders' by contributing to stimulation of cross-border public sector information supply/re-use by helping to establish the same basic market conditions for players in the European information market. DISMARC's technical partner AIT has ensured that DISMARC solutions are compatible with varied systems of storage and access across the EU. By providing multiple-language versions of the browser which accesses multilingual core information, DISMARC contributes to development of multilingual and multicultural access to digital content.

Contribution to economic development and social objectives

DISMARC contributes to the goal of improved discovery of culturally valuable material, leading to enhanced educational possibilities, including e-learning, life-long learning and long-distance learning, as well contributing to a general improvement of life-quality and improvement of cultural understanding by enhanced access to cultural information. Thus DISMARC contributes to the diffusion of knowledge and dissemination of information.

DISMARC also stimulates cross-border use of cultural / educational / scientific content by contributing to the establishment of similar basic market conditions for all players in the European information market, as referred to in Public Sector Information Directive 2003/98/EC.

DISMARC contributes to a general pool of knowledge of / experience with digital rights management systems in the educational and scientific sectors, where the lack of effective DRM/IPR knowledge and management is most pronounced, relative to the commercial sector. DISMARC contributes to a wider recognition of the importance of public sector information, its commercial value and the associated societal implications of its use both in an educational /scientific context as well as in the general context of daily life. DISMARC specifically contributes to the i2010:DIGITAL LIBRARIES initiative, especially to its objective of improving the "online accessibility" of cultural content. DISMARC's platform is fully compliant with and complementary to the TEL (The European Library) platform, and DISMARC content is compliant with TEL criteria.



2 Project Results/Achievements

DISMARC metadata template

DISMARC produced a metadata template, the means by which any archive or collector can present content in the DISMARC portal. By using the metadata template, a simple mapping procedure can be followed which will present any kind of data set in an accurate manner in the DISMARC (and any other TEL-compliant) portal, regardless of its original format. This template is distributed to all joining archives.

DVD

WOMEX created a DVD-introduction to DISMARC, which is also available on-line at <http://dismarc.ait.co.at/info/dvd.html>, where a free copy can be requested by interested users. The DVD contains an overview of the project and an introduction to the original participating archives and their content, including sounds and images.

Virtual CDs

Several 'virtual CD' collections were created by researchers using the DISMARC content and DISMARC search tools. These materials are presented by partner WOMEX, intended to demonstrate the potential of such archive content in a commercial world. They can be found at <http://dismarc.ait.co.at/info/materials.html> - the four editions are (CD1): Greatest Finnish Singers of the 1950s, (CD2): Discovering Albania, (CD3): Kurash Sultan: Uyghur Traditions and (CD4): Traditional Music of Poland.

Website

The DISMARC [website](#) is a good way to explore the background of DISMARC, and most content is available in English, French German and Spanish. The [audio player](#) provides a random selection of material from the DISMARC collection each time it is visited. This is also the [entrance point](#) for archives interested in participation, via an online form. Other materials are also available here, including Powerpoints, press releases, newsletters, a Starter Kit for archives and content owners and more.

Help Wiki

The [Help Wiki](#) guides users through the search process, with video and text.

Educational Tool & World Map

The [World Map](#) browser gives access to a selected audio portion of the DISMARC catalogue, showing the geographical location of the style of the genre along with relevant information. The audio found via the World Map is immediately available for auditioning, and can be directly clicked and located in the DISMARC search engine for further information. This tool is part of the Music Delta distance learning tool, adopted by many universities in Europe and Asia.

Multilinguality

The portal operates in the following 31 languages, which can be selected from a drop-down menu: **Arabic, Bulgarian, Chinese, Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hindi, Hungarian, Italian, Japanese, Korean, Latvian, Lithuanian, Maltese, Norwegian, Polish, Portuguese, Romani, Romanian, Russian, Slovenian, Spanish, Swedish** and **Ukrainian**. The search engine will search in a variety of languages of choice - if a user enters a particular term, this term can also be extended across the following 33 languages, and will



return relevant results in those languages: **Arabic, Bulgarian, Chinese, Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hindi, Hungarian, Italian, Japanese, Korean, Latvian, Lithuanian, Luxembourgish, Maltese, Norwegian, Polish, Portuguese, Romanian, Russian, Slovakian, Spanish, Swedish, Turkish and Ukrainian.** The website also provides content in **English, German French and Spanish.**

DISMARC content collection

As referred to below, there are now almost 1.3 million records on the server. Audio is represented as part of a pilot task, with over 2,000 tracks. Both figures are increasing rapidly.

DISMARC Controlled Vocabularies

Several controlled vocabularies have been developed which support the search and ingest process of the technical system: Genres, Formats, Geography, Eras, IBSS(International Bibliography of Social Sciences), Ethnic/Non-ethnic groups, Languages, Partner Countries. These vocabularies are offered as SOAP/WSDL-based WebServices and allow export to Europeana in SKOS-Format.

DISMARC-on-a-Stick

For distribution purposes the whole system can be copied as "image" (VMware-based) onto a USB stick and can even be processed on this removable medium using a VMware Player which can be downloaded free of charge. The system is using the Ubuntu-version of Linux. This avoids large installation procedures on a target computer (standard PC).

3 Participating Archives

57 archives are currently participating in DISMARC, and responses are expected from a further 200. These archives range from state libraries and institution to private collectors, and present an enormous range of material, interlinked and accessible 'under one roof'. Material ranges from classical music and field recordings from years gone by to contemporary African music and birch bark trumpets. A sound effects archive has been installed by Finnish broadcaster YLEisradio, using their extensive library of nature recordings, which range from the sounds of ice to the singing of wolves. This is available for free unrestricted use.

Participating archives come from Austria, Denmark, Estonia, Finland, Germany, Greece, Hungary, Latvia, Lithuania, Norway, Poland, Russia, Slovakia, Slovenia, Sweden, Ukraine, United Kingdom and the USA.

4 Content

There are currently almost 1.3 million records on the server. In the last stage of the funded phase, DISMARC began as a pilot activity to include audio as well as data records, and there are currently 2,000 audio tracks on the server. This functionality is expected to be developed further as DISMARC becomes the audio pillar of EUROPEANA, the European digital library.

Users can search for specific items, composers, collections, archives, labels, etc, and can also browse the DISMARC contents in a more general manner by using the World Map referred to above.

Audio discovered via the DISMARC search engine can be added to a basket for licensing if required. A modular licensing contract between the would-be user and the owner of the particular item will be created on the spot and the parties will be put in contact with each other.



5 Consortium

The original partners in this project were drawn from Europe's leading museums, archives, broadcasters, institutes and technology specialists. Their digital audio collections comprise some of the most extensive and specialised collections of music, other audio and audio-related objects in Europe. Consortium members were:

Rundfunk Berlin Brandenburg - (RBB) Germany - coordinator/broadcaster / www.rbb-online.de

RBB is the regional public service broadcaster for the federal states of Berlin and Brandenburg. With bases in both Berlin and the media city of Potsdam-Babelsberg, RBB employs 1,700 staff, runs one regional television channel and seven radio stations, and provides a wide range of online and videotext services. RBB also holds a sound archive.

Berlin Phonogramm-Archiv (Ethnological Museum/Stiftung Preußischer Kulturbesitz) - (EMEM), Germany - archive/research / www.smb.spk-berlin.de/smb/de

Since its foundation the Berlin Phonogramm-Archive has played an important role in the field of ethnomusicological research and has gained international prestige. With exhibitions, concerts and the publication of books as well as sound recordings the Ethnomusicological Department has reached a wide audience outside the specialist ethnomusicological worlds and contributes to an increasing respect for the music of other people. The department also collects audiovisual recordings, musical instruments and other documents representing music. The department's main focus is on non-European music and traditional music.

Institute of Art of Polish Academy of Sciences - (ISPAN), Poland - archive/research www.ispan.pl/eng/instituteofart.htm

Instytut Sztuki Polskiej Akademii Nauk (Institute of Arts of the Polish Academy of Sciences) is a research institution concentrated on interdisciplinary studies on music, film, theatre and fine arts. The Institute's task is the research into and documentation of Polish art and artistic culture, fine arts and architecture, music, theatre and film, in their historic and modern manifestations, and viewed in European and world contexts.

Angewandte Informationstechnik Forschungsgesellschaft mbH - (AIT), Austria - technical www.ait.co.at/

Leading Austrian technical company: research work is done primarily in the field of applied information management (e.g.: distributed databases, collection management, knowledge engineering). This is carried out within the EC (e.g. IST, Ten-Telecom etc.) action lines or on national / regional level.

Grieg Musical Education - (GME) Norway - educational/technical www.griegmusic.com

Grieg Music Education as (GME) is a Norwegian company developing and distributing internet based education systems and education content. Customers are primary and secondary schools, colleges and universities. Together with the University of Stord/Haugesund, GME offers internet based education at university level. Grieg Music Education cooperates with the Fraunhofer Institute in Germany, developing specialised applications for internet-based music education.

Hochschule für Music und Theater Hannover - (HMT), Germany - educational/archive www.hmt.hannover.de/

Leading German artistic / educational / research academy with approximately 1,100 students. The



renowned Federal Music Academy and the Hannover Acting School were united in 1950 to become what is today the Hochschule für Musik und Theater Hannover (HMTH). Among the 20 subjects of HMTH are ethnomusicology and music pedagogics. The genre focus ranges from classical music to jazz and pop. HMTH offers masters degrees, doctorates and habilitation. (Affiliate institutes under the HMTH umbrella include the European Centre for Jewish Music, the World Music Study Centre, Institute for Journalistic and Communications Research and others).

WOMEX AG - (WOMEX), Germany - music network www.womex.com

Organiser of Europe's most successful 'world music' event, the annual WOMEX trade fair which includes concerts, seminars, TV and film broadcasts. Founded in 1994, WOMEX is the world's premier networking point for professionals exclusively dedicated to world, roots, folk, ethnic, traditional, local and diaspora music of all kinds. Eleven WOMEX editions in Berlin (1994), Brussels (1995), Marseilles (1997), Stockholm (1998), Berlin (1999, 2000), Rotterdam (2001), Essen (2002, 2004), Seville (2003) and Newcastle Gateshead (2005) have affirmed the value and potential of networking across borders, whether these be musical, political, cultural or commercial.

Yleisradio Oy - (YLE) <http://www.yle.fi>

YLE is the public broadcaster in Finland and is responsible for 33 radio and 5 TV channels. Radio broadcasts are made in Finnish, Swedish and Sami. The company is committed to introducing new broadband services in the near future. The YLE radio archives are currently involved in digitising the entire contents of the historical radio program archive, consisting of about 300,000 radio programs made since 1935. YLE radio archives have also participated in several projects with the national library and several public libraries, in order to make YLE's catalogue of commercial sound recordings available online.

Svenskt Visarkiv - (SVA) <http://www.visarkiv.se/en/index/htm>

SVA was founded in 1951, on the initiative of Ulf Peder Olrog, scholar and song-writer with an interest in old song traditions. Financial support was given by shipowner Sven Salén. Initially a foundation, the archive's main task was to index and systematize Swedish traditional song material. During the 1960's economic and personnel resources increased through state subsidies. In 1968 the SVA started to do field recordings. Since then the archive collects both vocal and instrumental folk music. In 1970 SVA became a state institution and in 1999 became part of the Swedish National Collections of Music.

School of Oriental and African Studies - (SOAS), UK - educational/archive/research www.soas.ac.uk/

The School of Oriental and African Studies (SOAS) is a college of the University of London and the only Higher Education institution in the UK specialising in the study of Asia, Africa and the Near and Middle East. The department has additional links of diverse kinds with the University of California, Kathmandu University, the National Conservatoire of Mali and the University of Rome (la Sapienza). SOAS also operate an in-house radio station (Open Air Radio www.openair.org.uk), creating a unique hybrid of research, academia and media under the same roof.

6 Summary of Activities

RBB manage the project and are responsible for all internal communications. They also participated in dissemination activities, produced and maintained the project website, organised reviews, reports and deliverables, co-operated with technical partners, co-ordinated all multilingual activities, created an IPR licensing tool, participated in user groups, created a technical seminar and other support materials, took part in academic seminars, participated in the creation of an audio player for the portal and website, created one of the two template designs for the portal and generally oversaw the smooth running of the DISMARC project. RBB is part of the EUROPEANA Thematic Network.



AIT are the technical team, providing all technical services and creating a wide variety of tools for both general users and participating content providers. They host the DISMARC metastore, the server and the audio server. The DISMARC-Portal was implemented in two parts, the User-Front-End and the Administrator's Back-End. Multilinguality is recognized at different levels: portal, Controlled Vocabularies, Query Expansion by translated terms, semantic enrichment of archive data during the ingest process using the controlled vocabularies. The basic software components have been taken out from Open Source. For data exchange with EUROPEANA and other systems the OAI-PMH-Protocol has been implemented, both on provider and harvester side. A wide range of tools for data import and data mapping has been implemented to support a variety of different file formats used at the proprietary archives' systems. Browse and query functions are supported by the hierarchically structured multilingual controlled vocabularies which are integrated into the DISMARC technical system via SOAP/WSDL-based WebServices.

EMEM organized and elaborated all metadata work, established a thesaurus working group, created the metadata structures manual, identified user groups, undertook dissemination and aggregation activities, cooperated with TEL/EDL on metadata work and joined EDLnet as Thematic Network Partner Expert in order to help building the European Digital Library. They also contributed data to the DISMARC DVD and content from their archive for one of the 'virtual' CDs.

ISPAN actively participated in the thesaurus working group, whereas they especially provided different proposals on the genre-vocabulary and worked out the ethnic list. They were involved in all translation activities concerning the Polish language and manufactured a questionnaire and report on copyright issues and work flows within the partner archives. They provided their own content as a text case for the DISMARC metadata template, contributed data to the DISMARC DVD, contributed content from their archive for one of the 'virtual' CDs and hosted a DISMARC board meeting.

HMTH took in the creation of the DISMARC metadata and controlled vocabulary template, contributed data, oversaw the creation of supporting material for the 'virtual' CDs, contributed data to the DISMARC DVD and examined legal issues relating to the database within DISMARC and IPR clearance.

SVA helped in developing and completing both the metadata template and controlled schemes., input translated material into the translation tool/dictionary tool, created a Powerpoint for translators and other support material, contributed material to the metastore, participated in aggregation and dissemination and contributed data to the DISMARC DVD.

GME incorporated DISMARC into their Music Delta (Virtual Learning Environment) programme, created the World Map browse portal for DISMARC audio, participated in dissemination and local management routines.

YLE tested the mapping routine and delivered material from the FONO (music recordings) and TEHOSTE (sound effects) databases to the DISMARC metastore, were responsible for the Finnish translations, created a copyright guide for archives which summarises IPR problems, and produced a memorandum on copyright issues in sound archives.

SOAS held seminars, hosted a DISMARC board meeting, participated in dissemination and contributed data.

WOMEX led the pilot work package, oversaw user surveys, cooperated in the creation of the DISMARC audio player, created the DVD guide to Archives, participated in dissemination activities and created 4 'virtual' CDs.



7 List of events

The following dissemination events took place:

2008		
Seminar - 'DISMARC and the Swedish Music Community' / SVA	Stockholm, Sweden	August 28 2008
Radio MultiKulti broadcast 'Dschungelfieber - DISMARC presents Discovering Albania' / RBB	Berlin, Germany	August 21 2008
c/o Pop conference	Köln, Germany	August 16 2008
Radio MultiKulti broadcast 'Meridian 13 - an introduction to DISMARC' / RBB	Berlin, Germany	August 16 2008
Radio MultiKulti broadcast 'Dschungelfieber - an introduction to DISMARC' / RBB	Berlin, Germany	August 7 2008
BBC Radio 3 Awards	London, England	July 30-31 2008
Radio presentation / Olaf Meinkopf, Radio Flora	Hannover, Germany	July 7 2008
Seminar: 'Musical Futures: Copyright and Archives' SOAS / RBB	London, England	June 29-30 2008
Presentation to National Library of Finland /YLE	Helsinki, Finland	June 11 2008
Presentation at the international conference "Technical challenges and developments in 21st century folk music archiving" (Organiser: the Institute of Musicology, Hungarian Academy of Sciences) / ISPAN	Budapest, Hungary	June 11-12 2008
DISMARC presented in Swedish Radio's nationwide radio show 'Mitt i musiken' / SVA	Sweden	June 10 2008
Europavox festival	Clermont Ferrand, France	June 5-8 2008
The Collection Alain Daniélou, Venice, Fondazione Giorgio Cini / EMEM	Venice, Italy	May 19-24 2008
Presentation to Conference of Historical Sound Carriers / AIT	Immenstadt, Germany	May 24 2008
Conference of the ICTM Study Group 'Historical Sources' SVA / EMEM	Stockholm, Sweden	May 21-25 2008
Presentation of the DISMARC portal, Adam Mickiewicz University / ISPAN	Poznan, Poland	May 15 2008
Bergenfest conference	Bergen, Norway	April 28-30 2008
Conference of the VdA Study Group 7 'Media and Archives', Association of Archives (VdA) / EMEM	Berlin, Germany	April 24 2008
Tagung zur Mediendokumentation / RBB	Berlin, Germany	April 22 2008
Seminar: DISMARC structure, Adam Mickiewicz University / ISPAN	Poznan, Poland	April 17 2008
DISMARC presentation on Radio Flora	Hannover, Germany	April 14 2008
Arctic Paradise conference	Helsinki, Finland	April 10-13 2008



Workshop 'Humboldt-Forum', Berlin, Wissenschaftskolleg zu Berlin / EMEM	Berlin, Germany	April 10-12 2008
eContentplus Information Day / RBB	Berlin, Germany	April 8 2008
Seminar: History of music archives, Adam Mickiewicz University / ISPAN	Poznan, Poland	April 3 2008
Conference of Polish State Archives / ISPAN	Warsaw, Poland	April 3 & 4 2008
IAML (Association of Austrian Music Libraries) / AIT	Graz, Austria	April 1 2008
'Sound Libraries Yesterday, Today and Tomorrow': book including DISMARC-paper published (in Polish) by the Polish Librarians National Library at conference on music archives / ISPAN	Warsaw, Poland	April 2008
Babel Med festival & conference	Marseille, France	March 27-29, 2008
Archive seminar for Norwegian folk music archives, Rff-sentret / SVA	Trondheim, Norway	March 10-11, 2008
Third DISMARC Board meeting	Warsaw, Poland	Feb 25-26 2008
Midem trade fair	Cannes, France	Jan 27-31 2008
'Ambivalence of Archives', Charite	Berlin, Germany	Jan 17-18 2008
Conference International Council of Traditional Music (ICTM) University of Arts	Berlin, Germany	15-16 Feb. 2008
Conference „Ambivalence of Archives“, Charite	Berlin, Germany	17-18 Jan. 2008
DISMARC workshop for the Austrian Computer Society (OCG)	Vienna, Austria	January 2008
2007		
December 2007 dissemination activities among participants of the seminar on IPR (31 participants: 12 from ISPAN, 11 from other institutes of the Polish Academy of Sciences, 7 from Theatre Academy in Warsaw; 1 from National Museum, Cracow)	Warsaw, Poland	Dec. 12th 2008
International Conference „Schriftkulturen der Musik“, University of Arts	Berlin, Germany	17-18 Dec 2007
Contact and co-operation with Polish State Archives (Dr. Andrzej Klubiński); plans for common conference on metadata standards for music archives (March)	Warsaw, Poland	November 2007
Workshop 'Cultural Portals' of the 12th International Conference 'Kulturelles Erbe und Neue Technologien'	Vienna, Austria	November 23 2007
Conference European Seminar of Ethnomusicology (ESEM), Universidade Nova de Lisboa	Lisbon, Portugal	11-13 Nov 2007
XXIII European Seminar in Ethnomusicology - official DISMARC presentation and informal dissemination activities among ESEM participants	Lisbon, Portugal	October 11-13 2007
Unlocking Audio conference at the British Library	London, UK	October 26-27
WOMEX 2007	Seville, Spain	October 25 - 28
DISMARC Board meeting	Seville, Spain	October 23 - 24
ESEM : "Music Archives in the 21st Century"	Lisbon, Portugal	October 11-13
Tallin, conference "New technologies in the Humanities Research", Tallin (official discussion transmitted online and informal dissemination talks)	Tallin, Estonia	September 2007



DISMARC presented at the GFM (Society for Music Research) annual conference	Cologne, Germany	September 27-29
Presentation of DISMARC to the Study Group on School Music (Arbeitskreis für Schulmusik) and the Association of German Music Teachers (Verband Deutscher Schulmusiker)	Stuttgart, Germany	30th September
IASA-BAAC Conference	Riga, Latvia	September 15 - 20
Conference: New Technologies in the Humanities	Tallin, Estonia	September 3
RBB MultiKulti interview	Berlin, Germany	August 30
Nordic-Baltic Music Library meeting at Sibelius Academy	Helsinki, Finland	Aug 30th
Polish Radio 2 interview	Warsaw, Poland	August 14
Zenit e-Contentplus Workshop	Berlin, Germany	July 6
Attendance at European Science Foundation conference	Amsterdam, Netherlands	June 20
Seminar Museums-Insel - 'Management of Cultural Heritage Assets'	Berlin, Germany	June 16
Attendance at Humanities in the European Research Area conference	The Hague, Netherlands	June 11
Lecture in Millstatt	Carinthia, Austria	June 9
Lecture at Musicological Department of Karls-University	Prague, Czech republic	May 10
BIMUC	Bergen, Norway	April 25 - 27
Presentation of DISMARC to the Study Group on School Music (Arbeitskreis für Schulmusik) and the Association of German Music Teachers (Verband Deutscher Schulmusiker)	Stuttgart, Germany	30th September
Conference: New Technologies in the Humanities	Tallin, Estonia	September 3
ICTM World Conference	Vienna, Austria	July
Presentation to Bayerischer Staatsbibliothek	Berlin, Germany	July 4
Knowledge by Networking Conference	Berlin, Germany	June 21-22
DMB Conference	Frankfurt, Germany	June 6
Lecture at Kulturwissenschaftliches Institute	Essen, Germany	June 6
EBU workshop	Warsaw, Poland	May 11 - 12
Sound Archives: "Yesterday, Today and Tomorrow" conference	Warsaw, Poland	May 11 - 12
TAPE (Teaching Audiovisual Preservation in Europe)	Rome, Italy	March 8 - 10
Second DISMARC Board meeting	London, England	March 28 & 29 2007
Presentation to EthnoArc	Berlin, Germany	February 15th
Presentation to Foundation Lower Saxonia	Germany	Dec 2006 / January 2007
Presentation to Volkswagen Foundation	Hannover, Germany	January 31
Presentation of DISMARC to the Austrian BAM (Libraries, Archives, Museums) committee	Graz, Austria	January 29
Presentation to presidential board of University of Hildesheim	Hildesheim,	January 19



	Germany	
Information about DISMARC was included in the European Seminar in Ethnomusicology bulletin (ESEM point 41)	(Print) International	January 11
2006		
Presentation to Archiv für die Musik Afrikas, Institut für Ethnologie und Afrikastudien, Johannes Gutenberg-Universität Mainz	Mainz, Germany	December 13
Presentation on DISMARC and OpenAir radio at the World Music and Dance Centre, during the conference 'Cultural Diversity in Music Education'	Rotterdam, Netherlands	December 16
Presentation to the board of CHARM (Centre for the History and Archiving of Recorded Music)	London, UK	December 12
Presentation to Warsaw Learned Society, Institute of Musicology of Warsaw University	Warsaw, Poland	December 9
DISMARC report in E-News, online magazine of the Berlin Senat	Berlin, Germany	December 6
Presentation to PARMA (Polish Association of Research Managers and Administrators)	Warsaw, Poland	December 1
DISMARC outline published in Mitteilungen der Deutschen Gesellschaft für Völkerkunde e.V (DGV)	(Print) Germany	December issue
Presentation to Stiftung Preussischer Kulturbesitz (SPK) Daten Redaktions-Konferenz	Berlin, Germany	November 30
Presentation to European Digital Library conference	Vienna, Austria	November 27 - 28
Presentation to Meeting of Council of Museum of Folk Instruments	Szydłowice, Poland	November 24
Presentation to Nyköping Conference of Swedish Folk Music Archives	Nyköping, Sweden	November 22 - 23
Presentation to Music Academy	Warsaw, Poland	November 20
Dissemination at Society of Ethnomusicology Annual Conference	Manoa, Hawai'i	November 16 - 19
Dissemination at Electronic Imaging and the Visual Arts (EVA)	Berlin, Germany	November 8 - 10
Presentation to Aga Khan Music Initiative in Central Asia	Cologne, Germany	November 11
Presentation at Archivi di Etnomusicologia dell'Accademia Nazionale di Santa Cecilia,	Rome, Italy	November 15
Presentation to International Association of Sound Archives (IASA)	Wiesbaden, Germany	November 3 - 4
Presentation to Ethnomusicological Department, Institute of Musicology, University of Cologne	Cologne, Germany	October 30
Dissemination at Museuskonferenz	Berlin, Germany	October 30
Presentation to European Broadcasting Union (EBU) Workshop	Seville, Spain	October 25 - 29
Presentation during WOMEX international conference/ trade show	Seville, Spain	October 25 - 29
Presentation to doctoral students at ISPAN	Warsaw, Poland	October 23 & 30
Presentation to Norwegian Council for Folk Music and Dance, organised by Norwegian University of Science and Technology	Trondheim, Norway	October 20
Presentation during Polish Days	Trondheim,	October 18-19



	Norway	
Dissemination at Study Group on Documentation of the German Museum Council	Berlin, Germany	October 16 - 18
Presentation during Polish Days	Uppsala, Sweden	October 16 - 17
Presentation to the organisational committee of the ODOK 07	Graz, Austria	October 16 & November 22
DISMARC Kick-off meeting at the Deutsches Musikarchiv	Berlin, Germany	September 28 - 29
Dissemination at Third International symposium on Traditional Polyphony	Tbilisi, Georgia	September 29
Presentation to Department of Music Collections at the Polish National Library	Warsaw, Poland	September 25
Austrian Society for Documentation and Information (ÖGDI)	Graz, Austria	September 17 - 18 2007
Presentation to ESEM (European Seminar in Ethnomusicology)	Stockholm, Sweden	September 6 - 10

8 Conclusions

The project's primary goal was to enable public and archives to detect audio treasures in the archives and to present the means of access. The achievement of this objective could only be attained by the collective effect of activities described in the technical annex and in this report. Many DISMARC solutions are 'dream-come-true' features from the archive perspective: online-searchability of catalogues outside office hours, multilingual searches, cross-archival searches, accessibility of audio-files directly from search results and more.

DISMARC has laid out the path for music archives to begin their migration to the online communication world. The advantages of DISMARC are enormous and far beyond attainability for individual archives, especially in the areas of search and retrieval, audio platform and multilinguality. For the first time a truly European archive for music has been shaped and put on the web - it is a new species of electronic global music archive.

DISMARC teaches a lesson about European cooperation: the fact that many participating archives focused on the bigger picture and were willing to embrace new technologies has created advantages for individual archives. But the importance of DISMARC technology is only part of the bigger picture - this is a lesson from the first two years of DISMARC. The background: many of the archives are relatively isolated - they have been in existence for many decades and have built up highly individual work flows and regimes. The traditional position of archives as being the least-visited and least-highlighted part of the music recording chain is not necessarily a disadvantage for the archive itself; it provides a certain amount of freedom and independence. Involvement with DISMARC means, for many archives, sudden illumination and visibility of their metadata standards and contents, of their routines and work practices - every unique archive can now be compared others. While some archives couldn't wait to show their content to the outside world, for others it requires a courageous step that will only be made after a period of hesitation and consideration.

DISMARC plays a role that is not always popular. Content providers have been directly requested to join the operation; many responded immediately with great enthusiasm, but many also avoided an answer, wary of becoming, as they see it, just 'another fish in the sea of the European super-catalogue'. However, as we have seen particularly in eastern Europe (see Appendix 4 for a case study by ISPAN), the DISMARC effect is taking hold: noting the example of the ISPAN archive itself, a number of eastern European archives followed their lead and became participants in the project.



We believe that the results of DISMARC are a success. Technical aspects function as planned, with on-going development in functionality and available tools. After massive dissemination activities put DISMARC on the agenda of audio archives all over Europe (and wider), responses from archives are now pouring in - all 56 archives participating in DISMARC are delivering data to the metastore, and almost 200 archives are expected to respond within the next months. Pilot activities have been successful in creating new tools for all target users, dissemination activities have ensured that the majority of European institutions are aware of DISMARC, DISMARC is participating in the development of EUROPEANA and the future looks bright.

The support of the Commission (and not only the financial aspect) is and has been crucial in persuading the forces of resistance in archives that they should move towards the modern world. We conclude that activities focused on uniting archives and encouraging cooperation with the EU-focused and EU-supported operation of the EUROPEANA project will deliver Europe's cultural heritage to users, and we expect that DISMARC will significantly contribute to this goal.