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19 UNITED STATES DISTRICT COURT
 20 NORTHERN DISTRICT OF CALIFORNIA
 21 SAN JOSE DIVISION

THE APPLE IPOD ITUNES ANTI-TRUST LITIGATION)	Lead Case No. C-05-00037-JW
This Document Relates To:)	<u>CLASS ACTION</u>
ALL ACTIONS.)	STIPULATION AND PROPOSED ORDER GOVERNING ELECTRONIC DISCOVERY FORMATS

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1 **I. GENERAL PROVISIONS**

2 1. The parties will prepare their production documents in accordance with the agreed-
3 upon specifications set forth below, but will not process them through a common vendor.

4 2. The production specifications in this Stipulation and Proposed Order Governing
5 Electronic Discovery Formats (“Agreement”) apply to documents which are to be produced in the
6 first instance in *The Apple iPod, iTunes Antitrust Litigation*, No. 05-cv-00037-JW. To the extent any
7 party is required to re-produce documents in these actions that have already been produced in other
8 cases, the parties have not agreed to reformat their earlier productions in accordance with the
9 production specifications in this Agreement.

10 3. This Agreement does not apply to documents already collected and processed prior to
11 the effective date of this Agreement. The parties agree to use reasonable efforts to produce any
12 previously processed documents in a format as close to the Agreement as reasonably possible.

13 4. The parties have agreed the effective date of this Agreement is June 18, 2007.

14 5. Nothing in this Agreement shall affect, in any way, a producing party’s right to seek
15 reimbursement for document production costs.

16 **II. PRODUCTION FORMAT**

17 1. Documents gathered from electronic data should be provided in the following format:

18 (a) **TIFFs.** Single-page Group IV TIFFs should be provided, at least 300 dpi, or
19 multi-page TIFFs with page breaks.

20 (b) **Text Files.** For each document, a text file should be provided along with the
21 TIFF. The full text of native files should be extracted directly from the native file. The text files
22 will not contain the redacted portions of the documents. Text files for documents or pages
23 containing redactions shall be produced no later than 30 days after the production of the
24 corresponding TIFFs.

25 (c) **Unique IDs.** Each image should have a unique file name. For single-page
26 TIFFs, the unique file name will be the Bates number of the page. For multi-page TIFFs, the unique
27 file name will be the Bates number of the first page of the document.
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1 (d) **Metadata Fields.** The following metadata should be provided if they exist:
2 (i) all metadata as set forth in Table 1; and (ii) parent-child relationships (the association between an
3 attachment and its parent document) should be indicated in the metadata.

4 (e) **Native Format.** The parties hereby reserve their rights to seek certain
5 electronic documents, such as Excel spreadsheets, in their native form.

6 (f) **Database Load Files/Cross-Reference Files.** Documents should be provided
7 with a Concordance Delimited File and an Opticon Cross-Reference File. Every TIFF in each
8 production must be referenced in the production's corresponding Load File. The total number of
9 images referenced in a production's Load File should match the total number of TIFF files in the
10 production.

11 (g) **File Formats.**

12 Opticon Cross-Reference File:

13 MSC000001,MSC001,D:\MSC001\IMAGES\001\MSC000001.TIF,Y,,,3

14 MSC000002,MSC001,D:\MSC001\IMAGES\001\MSC000002.TIF,,,,

15 MSC000003,MSC001,D:\MSC001\IMAGES\001\MSC000003.TIF,,,,

16 MSC000004,MSC001,D:\MSC001\IMAGES\001\MSC000004.TIF,Y,,,2

17 MSC000005,MSC001,D:\MSC001\IMAGES\001\MSC000005.TIF,,,,

18 Concordance Delimited File:

19 \pBegDoc\pEndDoc\pBegAttach\pEndAttach\pPages\pCDVol\pCustodian\p

20 2. Documents gathered from hard-copy documents should be provided in the following
21 format:

22 (a) **TIFFs.** Single page Group IV TIFFs should be provided, at least 300 dpi, or
23 multi-page TIFFs with page breaks.

24 (b) **Unique IDs.** Each image should have a unique file name, which is the Bates
25 number of the document.

26 (c) **OCR Text Files.** Single-page OCR with page breaks should be provided as a
27 separate text file. The files should contain the Bates number as a field at the beginning of the file
28 and the filename itself should match its respective TIFF filename, which is the Bates number. The

1 total number of TIFF files should match the total number of OCR text files. In lieu of single-page
2 OCR, Plaintiffs agree to accept multi-page OCR with the Bates number on each page. The text files
3 will not contain the redacted portions of the documents. OCR Text files for documents or pages
4 containing redactions shall be produced no later than 30 days after the production of the
5 corresponding TIFFs.

6 (d) **Database Load Files/Cross-Reference Files.** Documents should be provided
7 with a Concordance Delimited File and an Opticon Cross-Reference File. Every TIFF in each
8 production must be referenced in the production's corresponding Load File. The total number of
9 images referenced in a production's Load File should match the total number of TIFF files in the
10 production.

11 (e) **Example of Opticon Cross-Reference File and Concordance Delimited**
12 **File:** See §II.1.(g).

13 3. **Bates Numbering.** Bates numbers shall be unique IDs with a prefix that can be
14 readily attributed to the producing party. Bates numbering should be sequential. If a Bates number
15 or set of Bates numbers is skipped in a production, the producing party will so note. Documents
16 produced by Apple shall use the prefix "Apple."

17 4. **Unitizing of Documents.** In scanning paper documents, distinct documents should
18 not be merged into a single record, and single documents should not be split into multiple records
19 (*i.e.*, paper documents should be logically unitized). The parties will make their best efforts to have
20 their vendors unitize documents correctly and will commit to address situations where there are
21 improperly unitized documents.

22 5. **Parent-Child Relationships.** Parent-child relationships (the association between an
23 attachment and its parent document) should be preserved.

24 6. **Objective Coding Fields.** The following objective coding fields should be provided
25 to the extent practicable: (a) beginning Bates number; (b) ending Bates number; (c) beginning
26 attachment Bates number; (d) ending attachment Bates number; (e) number of pages; (f) CD volume;
27 and (g) source/custodian.

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1 7. **Objective Coding/Metadata Format.** The objective coding set forth in §II.6. and/or
2 electronic file metadata gathered during the conversion process should be provided in the following
3 format: (a) fields should be delimited by the default Concordance field delimiter for ANSI character
4 20 (0); (b) string values within the fields file should be enclosed with a text delimiter (P); (c) the first
5 line should contain objective coding and/or electronic file metadata headers and below the first line
6 there should be exactly one line for each document; (d) each row of objective coding and/or
7 electronic file metadata must contain the same amount of fields as the header row; and (e) multi-
8 values should be separated by a semicolon (;). Additional technical specifications are provided in
9 Table 1, attached hereto.

10 **III. PROCESSING OF THIRD-PARTY DOCUMENTS**

11 1. This Agreement will cover joint processing of third-party documents and
12 specifications for production of third-party documents.

13 2. The parties will engage a common vendor to process third-party documents in
14 accordance with the specifications below. The cost of processing those documents will be divided
15 equally between the plaintiffs and the defendants: 50% plaintiffs, 50% defendants.

16 3. All parties will instruct third parties to produce their documents directly to the
17 common vendor.

18 4. To the extent that a third party is making only one identical production in response to
19 all subpoenas, that third party shall be instructed by the parties to this litigation to make only that one
20 production to the common vendor.

21 5. To the extent that a third party is making distinct productions in response to different
22 document requests and/or meet and confer negotiations, that third party will be instructed by the
23 parties to this litigation to make each distinct production to the common vendor.

24 6. The common vendor will process all productions it receives, in accordance with the
25 specifications in this Agreement, and will distribute copies of such productions within five business
26 days of receiving the production or as soon as practicable to: Bonny Sweeney and Robert A.
27 Mittelstaedt at the addresses listed in their respective signature block to this document.

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1 7. Unless otherwise agreed to among the parties, the party that first issued a subpoena to
 2 a particular third party (the "First Party") will be responsible for: (a) ensuring that the third party's
 3 production is provided directly to the common vendor; (b) sending notice to all parties of the date
 4 that the third-party will provide its production to the common vendor (the "Production Date");
 5 (c) notifying all parties if the third-party does NOT provide its production on the Production Date;
 6 (d) ensuring that the common vendor distributes the production to all parties within five business
 7 days of receiving the production; and (e) providing notice to all parties if the common vendor *cannot*
 8 distribute the production to the parties within five business days of receiving the production.

9 If a third-party production is not Bates stamped, the First-Party will provide unique prefixes
 10 and numbers to the vendor and will notify all parties of the Bates range and production.

11 DATED: June 18, 2007

Respectfully submitted,

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DATED: June 28, 2007

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Attorneys for Defendant, Apple, Inc.

* * *

ORDER

PURSUANT TO STIPULATION, IT IS SO ORDERED.

DATED: 6/29/07



THE HONORABLE JAMES WARE
UNITED STATES DISTRICT JUDGE

Magistrate

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TABLE 1

Comments: Date fields cannot contain zero values for month, day, or year. Fields containing multiple values, i.e. Recipient, should have each entry separated by a tilde delimiter.									
Field Name	Specification Field Name	Field Type	Length	Introspect Field Name	Introspect Field Type	Introspect-Related Comments	Description (E-Mail)	Description (E-Files/Attachments)	
BegDoc	Unique ID	Paragraph	Unlimited	Beg Bates Number	Single Value		The Document ID number associated with the first page of a document.	The Document ID number associated with the first page of a document.	
EndDoc	Unique ID	Paragraph	Unlimited	End Bates Number	Single Value		The Document ID number associated with the last page of a document.	The Document ID number associated with the last page of a document.	
BegAttach	Unique ID Parent-Child Relationships	Paragraph	Unlimited	Begin Attachment Number	Single Value		The Document ID number associated with the first page of a document.	The Document ID number associated with the first page of a parent document.	
	Unique ID Parent-Child Relationships	Paragraph	Unlimited	End Attachment Number	Single Value		The Document associated with the last page of the last attachment.	The Document ID associated with the last page of the last attachment to a parent document.	
Doc Pages	Pages	Paragraph	Unlimited	Page Count	Integer		The number of pages for a document.	The number of pages for a document.	
Master_Date		Date	MM/DD/YYYY				The date of a parent document.	The date of a parent document. For attachments to e-mails, this field will be populated with the date sent of the e-mail transmitting the attachment.	
Field Name	Specification Field Name	Field Type	Length	Introspect Field Name	Introspect Field Type	Introspect-Related Comments	Description (E-Mail)	Description (E-Files/Attachments)	
SentOn_Time	Time Sent	Paragraph	Unlimited				The time a document was		

Create_Date	Date Created	Date	MM/DD/YYYY						sent.	The date a document was created.
Create_Time	Time Created	Paragraph	Unlimited							The time a document was created.
LastMod_Date	Date Last Modified	Date	MM/DD/YYYY							The date the document was last modified.
LastMod_Time	Time Last Modified	Paragraph	Unlimited							The time the document was last modified.
Received_Time	Time Received	Paragraph	Unlimited						The time a document was received.	The time a document was received.
Received_Date	Date Received	Date	MM/DD/YYYY						The date a document was received.	The date a document was received.
ParentFolder	File Path Folder Name	Paragraph	Unlimited	Folder	Single Value				Denotes the folder information for a document.	Denotes the full path of a document.
Author	Author Display Name (e-mail)	Paragraph	Unlimited	Author	Multivalue				Combine Author and Author_Email field into one Author field.	The author of a document from entered metadata.
To	Recipient	Paragraph	Unlimited	Recipient	Multivalue				Combine TO and Recip_Email field into one TO field.	The display name of the recipient(s) of a document.
CC	CC	Paragraph	Unlimited	CC	Multivalue				Combine CC and CC_Email field into one CC field.	The display name of the copyee(s) of a document.
BCC	BCC	Paragraph	Unlimited	BCC	Multivalue				Combine BCC and BCC_Email field into one BCC field.	The display name of the blind copyee(s) of a document.
Field Name	Specification Field Name	Field Type	Length	Introspect Field Name	Introspect field Type	Introspect-Related Comments	Description (E-Mail)	Description (E-Files/Attachments)		
Subject	Subject (e-mail)	Paragraph	Unlimited	Subject	Multivalue				The subject of a document.	The subject of a document from entered metadata.

OriginalSource	Original Name	Paragraph	Unlimited				The file name of an e-mail store (e.g., Outlook.pst, MyMail.nsf, etc.)	
Custodian	Custodian	Paragraph	Unlimited	Custodian	Multivalue		The custodian of a document (if applicable).	The custodian of a document (if applicable).
NativePath		Paragraph	Unlimited				The full path to a native copy of a document (if applicable).	The full path to a native copy of a document (if applicable).
AttachCount	Numbered Attachments	Paragraph	Unlimited				The number of attachments to a document.	The number of attachments to a document.
FileExt	File Extension	Paragraph	Unlimited				The file extension of a document.	The file extension of a document.
FileName	Original Name	Paragraph	Unlimited				The file name of a document.	The file name of a document.
FileSize	File Size	Paragraph	Unlimited				The file size of a document (including embedded attachments).	The file size of a document (including embedded attachments).
MD5Hash	MD5 Hash	Paragraph	Unlimited				The MD5 Hash value or "de-duplication key" assigned to a document.	The MD5 Hash value or "de-duplication key" assigned to a document.
FullText	Text	Paragraph	Unlimited				The full text of the e-mail.	The full text of the e-mail/attachment.