

MARKED UP

R REQUEST FOR CHANGE	TITLE: Sec. 1.2 (p. 3) Modification of Display Goals																																																																						
RFC NO. XSIS-001	DATE LOGGED: MTG																																																																						
<p>MCCB DECISION:</p> <ul style="list-style-type: none"> ● IMPLEMENT ● IMPLEMENT WITH MODIFICATION ● REJECT ● WITHDRAW <div style="display: flex; align-items: center; margin-left: 100px;"> <div style="border: 1px solid black; width: 20px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> </div>																																																																							
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<p>MCCB DECISION:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">MEMBER</th> <th style="width: 35%;">NAME</th> <th style="width: 15%;">CONCUR</th> <th style="width: 15%;">REJECT</th> <th style="width: 15%;">WITHDRAW</th> <th style="width: 10%;">DATE</th> </tr> </thead> <tbody> <tr><td>C/E&PS</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>C/OPS</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>C/PROD</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>C/AG</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>DC/SDS</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>C/RAB</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>C/DIB</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>PCO</td><td></td><td style="text-align: center;">—</td><td style="text-align: center;">—</td><td style="text-align: center;">—</td><td style="text-align: center;">—</td></tr> <tr><td>SI</td><td></td><td style="text-align: center;">—</td><td style="text-align: center;">—</td><td style="text-align: center;">—</td><td style="text-align: center;">—</td></tr> <tr><td>C/SDS CHAIRMAN</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>						MEMBER	NAME	CONCUR	REJECT	WITHDRAW	DATE	C/E&PS						C/OPS						C/PROD						C/AG						DC/SDS						C/RAB						C/DIB						PCO		—	—	—	—	SI		—	—	—	—	C/SDS CHAIRMAN					
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PROPOSED REQUIREMENTS REVISIONS

SDS-001
RFC XSIS-001

Sec. 1.2: Display Goals, Page 3, Paragraph 2, Bullet 2

Current Requirements:

Display goals are:

- the display of files at every stage in the processing flow
- the simultaneous display of two files

Recommended Change:

Display goals are:

- the display of files at every stage in the processing flow
- the simultaneous display of more than two (and perhaps as many as five or six) files

Rationale:

Users in both the bureaus and Headquarters groups require the ability to receive urgent messages, and respond to them, without canceling out the work they are already performing, and to use incoming traffic from multiple sources in the course of performing editing, searching, or the composition of outgoing messages.

Some examples of the numbers of windows which might simultaneously be required by specific users:

Bureau - Editor:

- Incoming message traffic (especially for alter)
- Incoming material from monitor (especially for alter)
- Incoming English Press Agency (especially for alter)
- Translation being edited, or view of running summary (see RFC XSIS-003)
- Message composition window (for response to, or forwarding of, alter)
- Reference aids (but perhaps not simultaneously with all others)

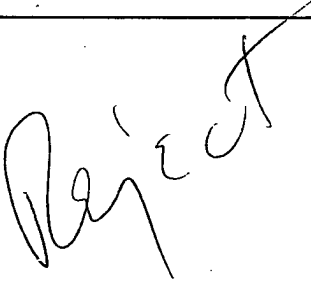
Bureau - Monitor

- View of running summary
- Request (for quote translation) message from Editor

- Message composition window (for translated quote)
- Reference aids (perhaps more than one window)

HQ - Analyst

- Incoming message traffic (for alter)
- Request (for specific analysis) message
- Structured search window (search control and "hit" list)
- Full-text view of a selected "hit" (perhaps more than one window)
- Message composition window (for response to request)

R REQUEST FOR CHANGE	TITLE: Sec. 2.2 Intercommunication goals: add requirement for multiple input streams				
RFC NO. XSIS-002	DATE LOGGED:				
MCCB DECISION: ● IMPLEMENT ● IMPLEMENT WITH MODIFICATION ● REJECT ● WITHDRAW	DATE APPROVAL REQUIRED: IMPACT IF NOT MET:				
PROPOSER OF CHANGE (ORGANIZATION): <u>Xerox Special Information Systems</u>					
APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): <u>R. M. Worlock</u>					
ORIGINATOR (NAME): <u>D. Winter</u>					
PREP. DATE OF RFC: <u>8/9/84</u>					
TELEPHONE NO. (ORIGINATOR): <u>818-351-2351</u>					
DOCUMENT(S) NAME(S): <u>FBIS Modernization Requirements</u>					
NUMBER(S): <u>SDS-002</u>					
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C/SDS CHAIRMAN					

RFC X SIS-002

Sec. 1.2: Intercommunication Goals, Page 3, Paragraph 3, Bullet 2

Current Requirements:

Intercommunication goals are:

- communication between terminals of messages, data files, and instructions

Recommended Change:

Intercommunication goals are:

- communication between terminals of messages, data files, and instructions
- multiple incoming message or traffic streams from different sources, e.g., Wire traffic, English Press Agency, input from monitors, etc.

Rationale:

Users in both the bureaus and Headquarters groups require the ability to receive urgent messages from several different types of sources, and to be able to examine them without canceling their view of the existing messages on their terminals. Messages coming in from the FBIS Wire are formatted differently from traffic coming in on the English Press Agency feed (or feeds), which again is different from urgent input or requests which other local users may be sending. These messages (or traffic) streams must be kept separate from one another, and yet each must be able to alert the user of incoming traffic, which he can then examine even while he is dealing with similar traffic from one or more of the other sources.

R REQUEST FOR CHANGE	TITLE: <u>Sec. 1.2 File manipulation goals</u>				
RFC NO. <u>XSIS-003</u>	DATE LOGGED:				
MCCB DECISION: ● IMPLEMENT <input type="checkbox"/> ● IMPLEMENT WITH MODIFICATION <input type="checkbox"/> ● REJECT <input type="checkbox"/> ● WITHDRAW <input type="checkbox"/>	DATE APPROVAL REQUIRED: IMPACT IF NOT MET:				
PROPONENT OF CHANGE (ORGANIZATION): <u>Xerox Special Information Systems</u>					
APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): <u>R. M. Worlock</u>					
ORIGINATOR (NAME): <u>R. M. Worlock</u>					
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TELEPHONE NO. (ORIGINATOR): <u>818-351-2351 ext. 2529</u>					
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C/SDS CHAIRMAN					

RFC X SIS-003

Sec. 1.2: File Manipulation Goals, Page 3, Paragraph 5, Bullet 2

Current Requirements:

File manipulation goals are:

- accept annotations and comments
- some facility (commonly referred to by the trade name "Edit Trace") must exist to track and display changes made to ~~text~~ files at sequential processing steps. Implicit in this is the maintenance of several versions of a file reflecting at least two different processed versions and including the identity of the individual making the change or comment. The ability to control the quality of FBIS products, which relies in the paper world on review of penciled editorial changes and comments, is deemed critical to both field and Headquarters.

Recommended Change:

File manipulation goals are:

- accept annotations and comments
- some facility (commonly referred to by the trade name "Edit Trace") must exist to track and display changes made to ~~text~~ ^{copy} at sequential processing steps. Implicit in this is the maintenance of several versions of a file reflecting at least three different editing processes and including the identity of the individual making the change or comment. The ability to control the quality of FBIS products, which relies in the paper world on review of penciled editorial changes and comments, is deemed critical to both field and Headquarters.

the original plus

yes

Rationale:

Substituting the word "text" for the word "files" makes explicit the fact that Edit Trace capability is required for tracking changes to text, but not for tracking changes to graphics. Changes to text contained within graphics, however, will be recorded by Edit Trace. The statement requiring a minimum of three editing processes to be retained was added to provide a quantitative requirement.

changes to copy made by each person subsequent to originator

R **REQUEST FOR CHANGE** **TITLE:** Sec. 1.4 Data Base Requirements

RFC NO. XSIS- 004 **DATE LOGGED:**

MCCB DECISION:

- IMPLEMENT
- IMPLEMENT WITH MODIFICATION
- REJECT
- WITHDRAW

DATE APPROVAL REQUIRED:

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PROPONENT OF CHANGE (ORGANIZATION): Xerox Special Information Systems

APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): R. M. Worlock

ORIGINATOR (NAME): G. Grodsky

PREP. DATE OF RFC: 8/9/84

TELEPHONE NO. (ORIGINATOR): 818-351-2351

DOCUMENT(S) NAMES(S): FBIS Modernization Requirements

NUMBER(S): SDS-002

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DESCRIPTION OF CHANGE:
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C/SDS CHAIRMAN					

RFC X SIS-004

Sec. 1.4: Data Base Management Requirements, Page 5, Paragraph 3

Current Requirements:

1.4 Data Base Management Requirements

The system is intended to support the creation, storage, maintenance, retrieval, and report generation operations for a large number of files that may be grouped into one or more data bases. The nature of the files ranges from large text files to small highly structured files. (It is assumed that all files under DBMS control have been stripped of all composition & mark-up characters.)

Recommended Change:

1.4 Data Base Management Requirements

The system is intended to support the creation, storage, maintenance, retrieval, and report generation operations for a large number of files that may be grouped into one or more data bases. The nature of the files ranges from large text files to small highly structured files. Composition and mark-up characters will be ignored during text searches.

Rationale:

Whether or not there are indexes associated with the text files is a design issue, not a requirements issue.

The intent of the assumption that was deleted is that the users be able to do text searches of the text data base without consideration for the "formatting" information, but what was written was a possible implementation of that requirement. The sentence added states the requirements without specifying the implementation.

R REQUEST FOR CHANGE		TITLE: Sec.1.4 Data Base Req.-Add graphics capability			
RFC NO. XSYS- 005		DATE LOGGED:			
MCCB DECISION: ● IMPLEMENT <input type="checkbox"/> ● IMPLEMENT WITH MODIFICATION <input type="checkbox"/> ● REJECT <input type="checkbox"/> ● WITHDRAW <input type="checkbox"/>		DATE APPROVAL REQUIRED: IMPACT IF NOT APPROVED:			
PROPONENT OF CHANGE (ORGANIZATION): <u>Xerox Special Information Systems</u>					
APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): <u>R. M. Worlock</u>					
ORIGINATOR (NAME): <u>G. Grodsky</u>					
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C/SDS CHAIRMAN					

RFC X SIS-005

Sec. 1.4: Data Base Management Requirements, Page 5, Paragraph 2, Bullet 1

Current Requirements:

- Data value types include: text (alphanumeric), alpha, numeric, date, time, *graphics*

Recommended Change:

- Data value types include: text (alphanumeric), alpha, numeric, date, time. Nothing in the system should preclude the later inclusion of graphics and raster images as data types.

Rationale:

There is a need in the JPRS reports for graphics capability as well as the need to include scanned images in documents. Although this capability is not included in these requirements, this is an appropriate place to ensure that the design does not exclude this avenue of growth.

*changes in
1, 2, 3, 4
not in
data base*

R REQUEST FOR CHANGE		TITLE: Sec. 1.4 Data Base Requirements			
RFC NO. XSIS-006		DATE LOGGED:			
MCCB DECISION: ● IMPLEMENT ● IMPLEMENT WITH MODIFICATION ● REJECT ● WITHDRAW		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
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PROPONENT OF CHANGE (ORGANIZATION): <u>Xerox Special Information Systems</u>					
APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): <u>R. M. Worlock</u>					
ORIGINATOR (NAME): <u>G. Grodsky</u>					
PREP. DATE OF RFC: <u>8/9/84</u>					
TELEPHONE NO. (ORIGINATOR): <u>818-351-2351</u>					
DOCUMENT(S) NAMES(S): <u>FBIS Modernization Requirements</u>					
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C/SDS CHAIRMAN					

RFC X SIS-006

Re: Sec. 1.4 FBIS: Data Base Management Requirements, Pages 5 and 6

Current Requirements:

- Data element (field) attributes include:
 - = length "unlimited": an entire four hour speech looks like a single field to a user.
 - = groups, a related set of different fields within a data record are considered to be logically bonded and can repeat within a single record just as records repeat within a file
 - = a record can have more than one type of repeating group
 - = mandatory elements (fields); i.e., a group and/or record cannot exist unless the field is present

Recommended Change:

- Data element (field) attributes include:
 - = length "unlimited": an entire four hour speech looks like a single field to a user. (This description of the user view should not be construed to be an implementation requirement.)
 - = groups, a related set of different fields within a data record are considered to be logically bonded and can repeat within a single record just as records repeat within a file
 - = a record can have more than one type of repeating group
 - = mandatory elements (fields); i.e., a group and/or record cannot exist unless the field is present

Rationale:

This disclaimer is added to emphasize that these requirements are functional in nature. The implementation is left to the designers.

R REQUEST FOR CHANGE		TITLE: Sec. 1.4 Data Base Retrieval Requirements			
RFC NO. XSIS-007		DATE LOGGED:			
MCCB DECISION: ● IMPLEMENT ● IMPLEMENT WITH MODIFICATION ● REJECT ● WITHDRAW		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	DATE APPROVAL REQUIRED: IMPACT IF NOT APPROVED:		
PROPONENT OF CHANGE (ORGANIZATION): Xerox Special Information Systems					
APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): R. M. Worlock					
ORIGINATOR (NAME): G. Grodsky					
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C/SDS CHAIRMAN					

RFC X SIS-007

Sec. 1.5: Data Base Management Retrieval Requirements, Page 7 Current Requirements:

1.5 Data Base Management Retrieval Requirements

A general retrieval capability is needed to operate against the types of data values, attributes, and file relationships described in section 1.4. There must be an ability to search with or without regard to the logical relationships inherent in a particular file. These conditions include:

- within a single file
- between or among files
- within a single occurrence of a group
- among groups

Search operators include:

- equal, not equal, greater than, less than
- the greater and less than combined (into a single range statement)

Recommended Change:

1.5 Data Base Management Retrieval Requirements

A general retrieval capability is needed to operate against the types of data values, attributes, and relationships described in section 1.4. There must be an ability to search with or without regard to the logical relationships inherent in a particular data base. These conditions include:

- within a single document or message
- between or among documents, messages, and data bases
- within a single occurrence of a group
- among groups

Search operators include:

- equal, not equal, greater than, less than
- the greater and less than combined (into a single range statement)

Rationale:

These changes are an attempt to remove implementation terminology. The remainder of Section 1.4 is unchanged.

R REQUEST FOR CHANGE		TITLE: Sec. 1.7 Text processing-Add page printer			
RFC NO. XSYS-008		DATE LOGGED:			
MCCB DECISION: ● IMPLEMENT <input type="checkbox"/> ● IMPLEMENT WITH MODIFICATION <input type="checkbox"/> ● REJECT <input type="checkbox"/> ● WITHDRAW <input type="checkbox"/>		DATE APPROVAL REQUIRED: IMPACT IF NOT APPROVED:			
PROPONENT OF CHANGE (ORGANIZATION): Xerox Special Information Systems					
APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): R. M. Worlock					
ORIGINATOR (NAME): D. Winter					
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C/SDS CHAIRMAN					

RFC X SIS-008

Sec. 1.5: Text Processing Requirements; Pages 9-10

printer

Current Requirements:

1.7 Text Processing

Text processing requirements vary between field applications and headquarters. While the need for high-quality editing wordprocessing functionality is required universally, Headquarters requires the ability to control composition functions. Conversely, bureaus only need to be concerned with a simpler set of composition functions (that is, column width, word wrap, etc.) on those non-publishable material intended for hard-copy output on local line printers (correspondence, reports, memos, etc.).

and:

Text manipulation features required:

- state-of-the-art word processing functionality
- support for line printer formatting (including margins; line spacing; quadding left, right and center; page numbering, tab stops; running heads; justification; etc.) to the extent of the line-printer capability (access underlining, bold, sub- and super-scripts).

Recommended Changes:

1.7 Text Processing

Text processing requirements vary between field applications and headquarters. While the need for high-quality editing wordprocessing functionality is required universally, Headquarters requires the ability to control composition functions. Conversely, bureaus only need to be concerned with a simpler set of composition functions (that is, column width, word wrap, etc.) on those non-publishable material intended for hard-copy output on local line or page printers (correspondence, reports, memos, etc.).


and:

Text manipulation features required:

- state-of-the-art word processing functionality
- support for line or page printer formatting (including margins; line spacing; quadding left, right and center; page numbering, tab stops; running heads; justification; etc.) to the extent of the printer capability (access underlining, bold, sub- and super-scripts). The printed output shall match the displayed copy in format to facilitate locating a passage in the displayed file.

Rationale:

Both Headquarters and bureaus have requirements for local generation of hardcopy by a high quality, fast and quiet printer. Character printers are not appropriate, but both line printers and page printers are candidates. Hardcopy will be used for reviewing and editing text. Any changes made will be incorporated at an editor's workstation. In order that the text to be changed can be readily identified on the screen, it is important that the display and the hardcopy have the same format, allowing the selected text location to be quickly identified by paragraph size and shape.

R REQUEST FOR CHANGE	TITLE: Sec. 1.7 Text Proc.-processing	Support for multi-lingual			
RFC NO. XSIS- 009	DATE LOGGED:				
MCCB DECISION: <ul style="list-style-type: none"> • IMPLEMENT • IMPLEMENT WITH MODIFICATION • REJECT • WITHDRAW 					
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PROPONENT OF CHANGE (ORGANIZATION): <u>Xerox Special Information Systems</u>					
APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): <u>R. M. Worlock</u>					
ORIGINATOR (NAME): <u>R. M. Worlock</u>					
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C/SDS CHAIRMAN					

RFC X SIS-009

Re: Sec. 1.7 FBIS: Text Processing, Page 10

Current Requirements:

Text manipulation features required:

- state-of-the-art word processing functionality, including, but certainly not restricted to full implementations of insertion, deletion, search and replace, block, sentence, paragraph, line, word and character manipulation, memory and burst keys, text copy and merging, etc., and potential support for multi-lingual word processing

Recommended Change:

Text manipulation features required:

- state-of-the-art word processing functionality, including, but certainly not restricted to full implementations of insertion, deletion, search and replace, block, sentence, paragraph, line, word and character manipulation, memory and burst keys, text copy and merging, etc., and support for multi-lingual word processing

Rationale:

The FBIS SDS has decided that multi-lingual word processing is a requirement at bureaus as well as at Headquarters. This RFC makes explicit that requirement.

R REQUEST FOR CHANGE TITLE: Sec. 2.2 Radio broadcast recept. - ^{Revise} automation goals

RFC NO. X SIS-010

DATE LOGGED:

MCCB DECISION:

- IMPLEMENT
- IMPLEMENT WITH MODIFICATION
- REJECT
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PROPONENT OF CHANGE (ORGANIZATION): Xerox Special Information Systems

APPROVAL FOR SUBMITTAL
(ORG. MGR. OR DESIGNEE): R. M. Worlock

ORIGINATOR (NAME): L. Hudson

PREP. DATE OF RFC: 8/9/84

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NUMBER(S): SDS-002

NEED FOR CHANGE:
See attached sheet

Reject

DESCRIPTION OF CHANGE:
See attached sheet

MCCB DECISION:					
MEMBER	NAME	CONCUR	REJECT	WITHDRAW	DATE
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C/RAB					
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PCO		---	---	---	---
SI		---	---	---	---
C/SDS CHAIRMAN					

RFC X SIS-010

Sec. 2.2: Collection Requirements, Page 12, Paragraph 3

Current Requirements:

Automation of the reception of radio broadcasting would include:

- automatic selection of receiver, frequency, and antenna for each broadcast as well as the automatic distribution of a broadcast to the appropriate monitor station, as directed by a predetermined schedule
- automatic frequency tracking due to changing reception conditions; must be able to display and modify the conditions
- provision for manual tuning of receivers and antenna selection by the monitor

Recommended Changes:

Automation of the reception of radio broadcasting would include:

- provision for display of date and time-of-day (GMT) on the workstation screen
- provision for displaying the monitor's assigned schedule in a window on the workstation screen
- provision for similar display of the entire bureau schedule, if desired, for viewing by editors, the chief monitor, the shift supervisor, etc.
- provision for easily copying a schedule item (source and language), as well as date and time of day, to a Program Summary or Translation window on the workstation screen

Rationale:

The current system works! It is reliable, accurate, and efficient. To justify the acquisition and maintenance costs associated with automation, some tangible benefits must be derived in terms of greater efficiency, reliability, or accuracy. Our study of this area has not led us to believe that any of these benefits will accrue from automation. For example, due to monitors' individual preferences for tuning and the possibility that crisis situations, will arise, manual override of all controls would be an absolute necessity. This not only means that all automation equipment is redundant, but also presents a significant control problem for the system to resolve the overlapping, and sometimes contradictory, commands from the controller and the monitor. In addition, a formidable design problem is foreseen in satisfying the requirement to provide automatic frequency selection and tracking due to changing reception conditions. Recognition of the proper station and satisfactory reception conditions, though apparently an easy task for the human, cannot be easily duplicated with equipment.

R REQUEST FOR CHANGE		TITLE: Sec. 2.2 Radio broadcast-Modify approach to automation			
RFC NO. XSYS-011		DATE LOGGED:			
MCCB DECISION: ● IMPLEMENT <input type="checkbox"/> ● IMPLEMENT WITH MODIFICATION <input type="checkbox"/> ● REJECT <input type="checkbox"/> ● WITHDRAW <input type="checkbox"/>		DATE APPROVAL REQUIRED: IMPACT IF NOT APPROVED:			
PROPONENT OF CHANGE (ORGANIZATION): <u>Xerox Special Information Systems</u>					
APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): <u>R. M. Worlock</u>					
ORIGINATOR (NAME): <u>L. Hudson</u>					
PREP. DATE OF RFC: <u>8/9/84</u>					
TELEPHONE NO. (ORIGINATOR): <u>818-351-2351</u>					
DOCUMENT(S) NAMES(S): <u>FBIS Modernization Requirements</u>					
NUMBER(S): <u>SDS-002</u>					
NEED FOR CHANGE: See attached sheet					
DESCRIPTION OF CHANGE: See attached sheet					
<i>Reject</i>					
MCCB DECISION:					
MEMBER	NAME	CONCUR	REJECT	WITHDRAW	DATE
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C/SDS CHAIRMAN					

RFC X SIS-011

Sec. 2.2: Collection Requirements, Page 12

Current Requirements:

The process of recording and recalling broadcasts could be aided by:

- automatically recording the source, date, start, and stop time of the broadcast on the recording medium
- supporting the manual insertion of markers between and within individual items within one broadcast

The reception and relay of broadcasts from a remote reception post to a field bureau (or other destination) could be aided by:

- The automatic selection of receiver, frequency, and antenna for each broadcast as well as the automatic distribution of a broadcast to the appropriate monitor station and relaying/rebroadcast vehicle according to predetermined schedule

Recommended Change:

Delete this section.

Rationale:

The present manual process of recording and retrieval does not present a problem for the monitors and is handled very efficiently. No improvement could be predicted as a result of automation. Therefore, it is suggested that this section be deleted.

RREQUEST FOR CHANGE

TITLE: Sec. 2.2 Radio Broadcast-
Move paragraph covering recording

RFC NO. X SIS- 012

DATE LOGGED:

MCCB DECISION:

- IMPLEMENT
- IMPLEMENT WITH MODIFICATION
- REJECT
- WITHDRAW

DATE APPROVAL REQUIRED:
IMPACT IF NOT APPROVED:

PROPONENT OF CHANGE (ORGANIZATION): Xerox Special Information Systems

APPROVAL FOR SUBMITTAL
(ORG. MGR. OR DESIGNEE): R. M. Worlock

ORIGINATOR (NAME): L. Hudson

PREP. DATE OF RFC: 8/9/84

TELEPHONE NO. (ORIGINATOR): 818-351-2351

DOCUMENT(S)

NAMES(S): FBIS Modernization Requirements

NUMBER(S): SDS-002

NEED FOR CHANGE:

See attached sheet

DESCRIPTION OF CHANGE:

See attached sheet

Approved change ref

MCCB DECISION:					
MEMBER	NAME	CONCUR	REJECT	WITHDRAW	DATE
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C/SDS CHAIRMAN					

RFC XSIS-012

Sec. 2.2: Collection Requirements, Page 12, Last Paragraph

Current Requirements:

No current requirement.


Recommended Change:

Move the paragraph below from Location and retrieval goals (p. 15) to the Radio Broadcast section, p. 12:

Broadcast items are recorded on recording tape, and do not exist as conventional source text files until they are translated and manually keyboarded. Thus, they require a unique set of processing controls to support their indexing and retrieval while on this sequential recording media. While alternative approaches are welcome, the goal is to be able to retrieve both broadcasts and individual items within larger broadcasts. (It is presumed that specific item retrieval will be based on a cross-index between a manually generated broadcast summary list with specific start and stop positions on a recording tape. However, any approach which satisfies the goal is welcome.)

Rationale:

This paragraph, formerly under Location and retrieval goals in Section 2.3, is associated with the radio broadcast operation as opposed to file manipulation. Therefore, it is suggested that it be moved as shown.

R REQUEST FOR CHANGE	Modify approach TITLE: Sec. 2.2 Television Broadcast-to automation				
RFC NO. <u>XSIS-013</u>	DATE LOGGED:				
MCCB DECISION: ● IMPLEMENT <input type="checkbox"/> ● IMPLEMENT WITH MODIFICATION <input type="checkbox"/> ● REJECT <input type="checkbox"/> ● WITHDRAW <input type="checkbox"/>	DATE APPROVAL REQUIRED: IMPACT IF NOT APPROVED:				
PROPONENT OF CHANGE (ORGANIZATION): <u>Xerox Special Information Systems</u>					
APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): <u>R. M. Worlock</u>					
ORIGINATOR (NAME): <u>L. Hudson</u>					
PREP. DATE OF RFC: <u>8/9/84</u>					
TELEPHONE NO. (ORIGINATOR): <u>818-351-2351</u>					
DOCUMENT(S) NAMES(S): <u>FBIS Modernization Requirements</u>					
NUMBER(S): <u>SDS-002</u>					
NEED FOR CHANGE: See attached sheet					
					
DESCRIPTION OF CHANGE: See attached sheet					
MCCB DECISION:					
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SI		—	—	—	—
C/SDS CHAIRMAN					

RFC X SIS-013

Sec. 2.2: Collection Requirements, Page 13, Last Paragraph

Current Requirements:

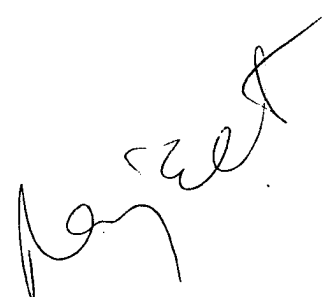
The automation of reception and the process of recording and recalling television broadcasts is parallel to radio.

Recommended Changes:

The automation of television broadcast reception, recording and retrieval will consist of provision for the workstation aids similar to those described under Sec. 1, Radio Broadcast.

Rationale:

As in the case of the radio broadcast, no accrued benefit could be identified which would justify the acquisition and maintenance costs of full automation.

R REQUEST FOR CHANGE		TITLE: Sec. 2.2 Cruising - Modify approach to automation			
RFC NO. XSIS-014		DATE LOGGED:			
MCCB DECISION:		DATE APPROVAL REQUIRED:			
<ul style="list-style-type: none"> ● IMPLEMENT ● IMPLEMENT WITH MODIFICATION ● REJECT ● WITHDRAW 		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
IMPACT IF NOT APPROVED:					
PROPONENT OF CHANGE (ORGANIZATION): <u>Xerox Special Information Systems</u>					
APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): <u>R. M. Worlock</u>					
ORIGINATOR (NAME): <u>L. Hudson</u>					
PREP. DATE OF RFC: <u>8/9/84</u>					
TELEPHONE NO. (ORIGINATOR): <u>818-351-2351</u>					
DOCUMENT(S) NAMES(S): <u>FBIS Modernization Requirements</u>					
NUMBER(S): <u>SDS-002</u>					
NEED FOR CHANGE: See attached sheet					
					
DESCRIPTION OF CHANGE: See attached sheet					
MCCB DECISION:					
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SI		---	---	---	---
C/SDS CHAIRMAN					

RFC X SIS-014

Sec. 2.2: Collection Requirements, (Cruising) Page 14

Current Requirements:

Automated support of this function would include:

- independence from collection operations, since it often occurs at the same time
- coverage of the radio and television spectrum per Exhibits D and F
- automated entry into a file of:
 - = current date and time
 - = receiver frequency
 - = antenna configuration/pointing
 - = signal strength

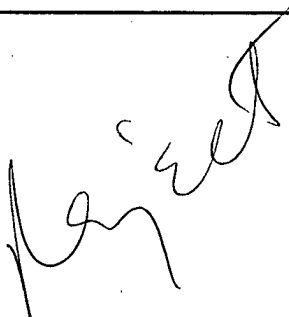
Recommended Changes:

Automated support of this function would include:

- independence from collection operations, since it often occurs at the same time
- coverage of the radio and television spectrum per Exhibits D and F
- keyboard entry into a file of:
 - = current date and time
 - = receiver frequency
 - = antenna configuration/pointing
 - = signal strength
- automated distribution of the above data to monitors and to a file for distribution to MOD

Rationale:

As in the case of the radio broadcast, no accrued benefit could be determined which would justify the costs of full automation.

R REQUEST FOR CHANGE	Modify approach TITLE: Sec. 2.2 Cruising-to automation				
RFC NO. XSIS-015.	DATE LOGGED:				
MCCB DECISION: <ul style="list-style-type: none"> ● IMPLEMENT ● IMPLEMENT WITH MODIFICATION ● REJECT ● WITHDRAW <div style="display: flex; align-items: center; margin-left: 100px;"> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px; height: 20px;"></td></tr> <tr><td style="width: 20px; height: 20px;"></td></tr> <tr><td style="width: 20px; height: 20px;"></td></tr> <tr><td style="width: 20px; height: 20px;"></td></tr> </table> <div style="margin-left: 20px;"> DATE APPROVAL REQUIRED: IMPACT IF NOT APPROVED: </div> </div>					
PROPONENT OF CHANGE (ORGANIZATION): Xerox Special Information Systems					
APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): R. M. Worlock					
ORIGINATOR (NAME): D. Winter					
PREP. DATE OF RFC: 8/9/84					
TELEPHONE NO. (ORIGINATOR): 818-351-2351					
DOCUMENT(S) NAMES(S): FBIS Modernization Requirements					
NUMBER(S): SDS-002					
NEED FOR CHANGE: See attached sheet					
DESCRIPTION OF CHANGE: See attached sheet					
					
MCCB DECISION:					
MEMBER	NAME	CONCUR	REJECT	WITHDRAW	DATE
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C/SDS CHAIRMAN					

RFC X SIS-015

Sec. 2.3: Processing (Copy Flow), Page 14

Current Requirements:

2.3 Processing

The system is intended to support, expedite and automate the processing of source material. This includes the tasks of monitoring, selecting, translating, and editing source material. In general this is perceived to be implemented through a multi-terminal system to support the selective access, manual manipulation, and subsequent refileing and routing of individual files. The concept of "copy flow" from newspaper systems is a model for many functions.

Recommended Changes:

2.3 Processing

The system is intended to support, expedite and automate the processing of source material. This includes the tasks of monitoring, selecting, translating, and editing source material. In general this is perceived to be implemented through a multi-terminal system to support the selective access, manual manipulation, and subsequent refileing and routing of individual files.

Rationale:

The final sentence contributes little to the understanding of bureau operations and is misleading in that the flow of information in a bureau is not unidirectional as it is in a newspaper, but loops back in an iterative fashion as the editing process is carried out and as questions are raised and resolved.

R REQUEST FOR CHANGE		Increase window TITLE: Sec. 2.3 Display goals-requirements			
RFC NO. XSIS-016		DATE LOGGED:			
MCCB DECISION: ● IMPLEMENT <input type="checkbox"/> ● IMPLEMENT WITH MODIFICATION <input type="checkbox"/> ● REJECT <input type="checkbox"/> ● WITHDRAW <input type="checkbox"/>		DATE APPROVAL REQUIRED: IMPACT IF NOT APPROVED:			
PROPONENT OF CHANGE (ORGANIZATION): <u>Xerox Special Information Systems</u>					
APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): <u>R. M. Worlock</u>					
ORIGINATOR (NAME): <u>D. Winter</u>					
PREP. DATE OF RFC: <u>8/9/84</u>					
TELEPHONE NO. (ORIGINATOR): <u>818-351-2351</u>					
DOCUMENT(S) NAMES(S): <u>FBIS Modernization Requirements</u>					
NUMBER(S): <u>SDS-002</u>					
NEED FOR CHANGE: See attached sheet					
DESCRIPTION OF CHANGE: See attached sheet					
<i>modify - SDS-AFC at least</i>					
MCCB DECISION:					
MEMBER	NAME	CONCUR	REJECT	WITHDRAW	DATE
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SI		—	—	—	—
C/SDS CHAIRMAN					

RFC X SIS-016

Sec. 2.3: Processing, Page 14, Last Paragraph

Current Requirements:

Display goals are:

- the display of files at every stage in the processing flow
- the simultaneous display of ^{at least} two files

Recommended Changes:

Display goals are:

- the display of files at every stage in the processing flow
- ~~the simultaneous terminal display of more than two (and perhaps as many as five or six) files~~

Rationale:

Users in both the bureaus and Headquarters groups require the ability to receive urgent messages, and respond to them, without canceling out the work they are already performing, and to use incoming traffic from multiple sources in the course of performing editing, searching, or the composition of outgoing messages. (See RFC X SIS-001.)

R **REQUEST FOR CHANGE** Real-time view at
TITLE: Sec. 2.3 Intercomm. goals-running summary

RFC NO. XSIS- 017 **DATE LOGGED:**

MCCB DECISION:

- IMPLEMENT
- IMPLEMENT WITH MODIFICATION
- REJECT
- WITHDRAW

DATE APPROVAL REQUIRED:
IMPACT IF NOT APPROVED:

PROPONENT OF CHANGE (ORGANIZATION): Xerox Special Information Systems

APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): R. M. Worlock

ORIGINATOR (NAME): D. Winter

PREP. DATE OF RFC: 8/9/84

TELEPHONE NO. (ORIGINATOR): 818-351-2351

DOCUMENT(S) NAMES(S): FBIS Modernization Requirements
NUMBER(S): SDS-002

NEED FOR CHANGE:
 See attached sheet

accept

DESCRIPTION OF CHANGE:
 See attached sheet

MCCB DECISION:					
MEMBER	NAME	CONCUR	REJECT	WITHDRAW	DATE
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C/SDS CHAIRMAN					

RFC X SIS-017

Sec. 2.3: Processing, Page 15, First Paragraph

Current Requirements:

Intercommunication goals are:

- communication between terminals

Recommended Change:

Intercommunication goals are:

- communication between terminals
- quasi-real-time viewing of a "running summary" from terminals other than the one it is being created, ~~as~~ ^{in which} this will be used to facilitate the production of FYIs and translation of actual important quotes during a live broadcast speech

as defined by a wire

Today, the primary monitor covering a live speech types a running summary continuously throughout the speech, passing this to the editor a page at a time, - or more often as events dictate. The editor then composes FYI messages to send to Headquarters, and requests translations from other monitors, who are also listening to the speech and recording it, as circumstances dictate. This added requirement is needed so that equivalent procedures can be performed using the system to be developed. Both editor and other monitors should have the capability of viewing and copying (but not changing) text from the "running summary" as it is in progress.



RREQUEST FOR CHANGE TITLE: Sec. 2.3 Intercomm. goals- Add multiple incoming message requirement

RFC NO. XSIS-018 DATE LOGGED:

MCCB DECISION:
 ● IMPLEMENT
 ● IMPLEMENT WITH MODIFICATION
 ● REJECT
 ● WITHDRAW

DATE APPROVAL REQUIRED:
 IMPACT IF NOT APPROVED:

PROPONENT OF CHANGE (ORGANIZATION): Xerox Special Information Systems

APPROVAL FOR SUBMITTAL
 (ORG. MGR. OR DESIGNEE): R. M. Worlock

ORIGINATOR (NAME): D. Winter

PREP. DATE OF RFC: 8/9/84

TELEPHONE NO. (ORIGINATOR): 818-351-2351

DOCUMENT(S)
 NAMES(S): FBIS Modernization Requirements

NUMBER(S): SDS-002

NEED FOR CHANGE:
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DESCRIPTION OF CHANGE:
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Reject

MCCB DECISION:					
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C/SDS CHAIRMAN					

RFC X SIS-018

Re: Sec. 2.3 FBIS: Processing, Page 15

Current Requirements:

Intercommunication goals are:

- communication between terminals

Recommended Change:

Intercommunication goals are:

- communication between terminals of messages, data files, and instructions
- quasi-real-time viewing of a running summary from terminals
- multiple incoming message or traffic streams from different sources, e.g., Wire traffic, English Press Agency, input from monitors, etc.

Rationale:

Users in both the bureaus and Headquarters groups require the ability to receive urgent messages from several different types of sources, and to be able to examine them without canceling their view of the existing messages on their terminals. Messages coming in from the FBIS Wire are formatted differently from traffic coming in on the English Press Agency feed (or feeds), which again is different from urgent input or requests which other local users may be sending. These messages (or traffic) streams must be kept separate from one another, and yet each must be able to alert the user of incoming traffic, which he can then examine even while he is dealing with similar traffic from one or more of the other sources.

R REQUEST FOR CHANGE		Edit trace			
		TITLE: Sec. 2.3 File manip. goals-requirement			
RFC NO.	XSIS-019	DATE LOGGED:			
MCCB DECISION:				DATE APPROVAL REQUIRED:	
<ul style="list-style-type: none"> ● IMPLEMENT ● IMPLEMENT WITH MODIFICATION ● REJECT ● WITHDRAW 		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		IMPACT IF NOT APPROVED:	
PROPONENT OF CHANGE (ORGANIZATION): <u>Xerox Special Information Systems</u>					
APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): <u>R. M. Worlock</u>					
ORIGINATOR (NAME): <u>R. M. Worlock</u>					
PREP. DATE OF RFC: <u>8/9/84</u>					
TELEPHONE NO. (ORIGINATOR): <u>818-351-2351</u>					
DOCUMENT(S) NAMES(S): <u>FBIS Modernization Requirements</u>					
NUMBER(S): <u>SDS-002</u>					
NEED FOR CHANGE: See attached sheet					
DESCRIPTION OF CHANGE: See attached sheet					
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MCCB DECISION:					
MEMBER	NAME	CONCUR	REJECT	WITHDRAW	DATE
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C/SDS CHAIRMAN					

RFC XSIS-019

Sec. 1.2: File Manipulation Goals, Page 15, Paragraph 3, Bullet 2

Current Requirements:

File manipulation goals are:

- accept annotations and comments
- some facility (commonly referred to by the trade name "Edit Trace") must exist to track and display changes made to text files at sequential processing steps. Implicit in this is the maintenance of several versions of a file reflecting at least three different editing processes and including the identity of the individual making the change or comment. The ability to control the quality of FBIS products, which relies in the paper world on review of penciled editorial changes and comments, is deemed critical to both field and Headquarters.

Recommended Change:

File manipulation goals are:

- accept annotations and comments
- some facility (commonly referred to by the trade name "Edit Trace") must exist to track and display changes made to text at sequential processing steps. Implicit in this is the maintenance of several versions of a file reflecting at least three different editing processes and including the identity of the individual making the change or comment. The results of a minimum of three editing processes must be retained. The ability to control the quality of FBIS products, which relies in the paper world on review of penciled editorial changes and comments, is deemed critical to both field and Headquarters.

Rationale:

Substituting the word "text" for the word "files" makes explicit the fact that Edit Trace capability is required for tracking changes to text, but not for tracking changes to graphics. Changes to text contained within graphics, however, will be recorded by Edit Trace. The statement requiring a minimum of three editing processes to be retained was added to provide a quantitative requirement.

R REQUEST FOR CHANGE	TITLE: Sec. 2.5 Data Bases & Propose explicit User Support - bureau requirements				
RFC NO. XSIS- 020	DATE LOGGED:				
MCCB DECISION: ● IMPLEMENT <input type="checkbox"/> ● IMPLEMENT WITH MODIFICATION <input type="checkbox"/> ● REJECT <input type="checkbox"/> ● WITHDRAW <input type="checkbox"/>	DATE APPROVAL REQUIRED: IMPACT IF NOT APPROVED:				
PROPONENT OF CHANGE (ORGANIZATION): <u>Xerox Special Information Systems</u>					
APPROVAL FOR SUBMITTAL (ORG. MGR. OR DESIGNEE): <u>R. M. Worlock</u>					
ORIGINATOR (NAME): <u>G. Grodsky</u>					
PREP. DATE OF RFC: <u>8/9/84</u>					
TELEPHONE NO. (ORIGINATOR): <u>818-351-2351</u>					
DOCUMENT(S) NAMES(S): <u>FBIS Modernization Requirements</u>					
NUMBER(S): <u>SDS-002</u>					
NEED FOR CHANGE: See attached sheet					
<i>Reject</i>					
DESCRIPTION OF CHANGE: See attached sheet					
MCCB DECISION:					
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PCO		—	—	—	—
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C/SDS CHAIRMAN					

RFC X SIS-020

Sec. 2.5: Data Bases and User Support, Pages 17 and 18

Current Requirements:

2.5 Data Bases & User Support (See 1.4, 1.5 and 1.6)

Recommended Change:

2.5 Data Bases & User Support

The data base at the field bureaus falls into four categories:

1. original source magnetic tapes, received periodicals and other non-digitized foreign language input to the field bureaus. This is manually archived as needed and will not be automated.
2. press service source material received digitally from Wire Services. This material will be read by the automated system, then archived and distributed electronically.
3. translations and summaries as composed into outgoing messages.
4. translation aids.
5. administrative files (for such things as payroll, etc.)

The goal is to automate the last four of these categories.

Press agency DBMS goals are:

- input of press agency messages directly into the system
- automatic short-term archiving of press agency messages
- no re-keying of English language press agency material
- ensuring that press agency messages that have not yet been purged from the data base will be available for recall by editors and monitors. Recall will be based on date and time of original source and press agency name

Translation and summary DBMS goals:

- automatic addition of translations and summaries to the short-term archive data base after they are entered into the system

- no re-keying of translations and summaries
- provision for translations and summaries that have not yet been purged from the data base to be available for recall by editors and monitors. Recall will be based on date and time of original source and source name

Translation aids DBMS goals:

- automatic addition of translation aids to the data base after they are entered into the system
- provision of multi-lingual translation aids
- provision for translation aids to be edited at monitor and editor workstations
- ensuring that translation aids will be available for recall by editors and monitors

Administrative files DBMS goals

- maintaining administrative files (payroll, subscription, etc.) on a data base at the field bureaus
- providing a reasonable complement of DBMS reporting and retrieval commands

Rationale:

The DBMS requirements at the field bureaus are very different from the DBMS requirements at the home office. The requirements document should reflect these differences.