

# NRC MEDIUM SPEED SCANNERS ANALYSIS REPORT

Adell  
10/7/99  
DML  
12/2/99

## INTRODUCTION

NRC has a requirement for a medium-volume, high-resolution document scanner to support the Regional Document Processing Centers (DPC) and the Office of the Secretary. CSC has researched a variety of scanners to identify those that would effectively fulfill NRC's needs for a medium-volume, high-resolution scanning environment. Initially considered candidates were various models sold by Fujitsu, Hewlett Packard, Kodak, Ricoh, SONY and Xerox. Our evaluation was based the following Requirements and Assumptions.

## REQUIREMENTS

1. The page size to be scanned will be at least 8.5" x 11"
2. Required output format is TIFF (Tagged Image File Format)
- The equipment must interface with a host Intel Based PC running NT 4.0 via SCSI Interface

## ASSUMPTIONS

- The scanner equipment configuration will not include a host computer
- Training and extended maintenance are not included in the equipment cost
- Double-sided (duplex) copy capability is required
- Multiple sheet feed capability is required
- That the scanner be capable of high resolution scanning

## EVALUATION

The CSC evaluation process gathered information from the Internet, from resellers, and from discussions with technically qualified users. The primary criteria used to narrow the selection was performance in OCR capability and speed, cost, and hardware/software compatibility. The three scanners listed below would best suit NRC's medium-volume, high-resolution scanning needs at a reasonable price. Each of these scanners ships with an Automatic Document Feeder, and a limited warranty with minor variations in replacement policy and response time.

### CANDIDATE SCANNERS

SCANNER	SPEED	INTERFACE	ADF	SCAN COMPATIBILITY	DPI	COST *
Fujitsu M3099GX	60 pp/min	SCSI-2	Y	TWAIN & ISIS	400	\$14,825
XEROX 620S	40 pp/min	SCSI-2	Y	TWAIN & ISIS	600	\$11,995
Kodak ds3500	60 pp/min	SCSI-2	Y	TWAIN & ISIS	300	\$13,700

\* Street prices may vary slightly with service policy, interface options, and 3<sup>rd</sup> party software.

ORDER FOR SUPPLIES OR SERVICES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1 DATE OF ORDER 12-22-1999	2 CONTRACT NO. (If any) GS-35F-0088J	6 SHIP TO		
3 ORDER NO DR-00-0075	MODIFICATION NO	4 REQUISITION/REFERENCE NO 10070062	a NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission ATTN: Warehouse	
5 ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission Division of Contracts and Property Mgt. ATTN: Michael Turner, Mail-Stop T-7-1-2 Contract Management Branch 2 Washington DC 20555			b STREET ADDRESS 5008 Boiling Brook Parkway Deliveries rec'd M-F, 7:15 am - 3:45 pm	c CITY Rockville
7 TO			d STATE MD	e ZIP CODE 20852
a NAME OF CONTRACTOR ATTN: Larry Whitaker			f SHIP VIA	

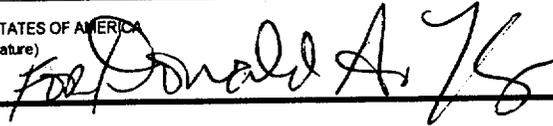
b COMPANY NAME DEL MAR DATA INC.	8 TYPE OF ORDER <input type="checkbox"/> a PURCHASE ORDER <input checked="" type="checkbox"/> b DELIVERY/TASK ORDER	
c STREET ADDRESS 215 La Barranca Drive	Reference your Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d CITY Solana Beach	e STATE CA	f ZIP CODE 92075
Except for billing instructions on the reverse, this delivery/task order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract		

9 ACCOUNTING AND APPROPRIATION DATA JOB CODE: J1017 B&R No. 010-15-524-120 BOC: 3131 FUND SOURCE: 31X0200.010	\$10,745.75	10. REQUISITIONING OFFICE OCIO Wil Madison - OCIO - Mail Stop T-6-C-30
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11 BUSINESS CLASSIFICATION (Check appropriate box(es))			
<input checked="" type="checkbox"/> a SMALL	<input type="checkbox"/> b OTHER THAN SMALL	<input type="checkbox"/> c DISADVANTAGED	<input type="checkbox"/> d WOMEN-OWNED
12 F.O.B. POINT Destination	14. GOVERNMENT B/L NO	15 DELIVER TO F.O.B. POINT ON OR BEFORE	16 DISCOUNT TERMS
13. PLACE OF		5 days	Net 30
a INSPECTION	b ACCEPTANCE	17. SCHEDULE (See reverse for Rejections)	

ITEM NO. (A)	SUPPLIES OR SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)
	Delivery Order for the following in accordance with DEL MAR Data's quote dated 12/22/99 which is hereby incorporated by reference.  XEROX DOCUMIMAGE 620S MID-RANGE SCANNER WARRANTY: 90 Day unlimited parts and labor - On-site repair	1	EA	10,745.75	\$10,745.75	

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.		SUBTOTAL 17(h) TOTAL (Cont. pages)	
	21. MAIL INVOICE TO:					
	a. NAME U.S. Nuclear Regulatory Commission Office of the Chief Financial Officer					\$10,745.75
	b. STREET ADDRESS (or P.O. Box) Attn: GOV/COM Acctng. Section T-9H4					
c. CITY Washington	d. STATE DC	e. ZIP CODE 20555		17(i). GRAND TOTAL		

22. UNITED STATES OF AMERICA BY (Signature) 	23. NAME (Typed) Sharon D. Stewart TITLE: CONTRACTING/ORDERING OFFICER
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<b>NRC FORM 30 (6-94)</b> <b>U.S. NUCLEAR REGULATORY COMMISSION</b>  <b>REQUEST FOR ADMINISTRATIVE SERVICES</b>  FOR HEADQUARTERS: MAIL TO THE APPROPRIATE MAIL STOP ON BACK		1. DATE OF REQUEST 12/21/99	2. DATE DUE (if applicable) 1/31/0		
4. TYPE OF SERVICE <input type="checkbox"/> BUILDING ALTERATIONS AND SERVICES <input type="checkbox"/> COMPOSITION <input type="checkbox"/> COPYING <input type="checkbox"/> EDITING <input type="checkbox"/> PHOTOGRAPHY/AUDIOVISUAL <input type="checkbox"/> PRINTING AND DISTRIBUTION  <input type="checkbox"/> PUBLISHING NUREGs <input checked="" type="checkbox"/> SMALL PURCHASES, PROPERTY AND LABOR SERVICES <input type="checkbox"/> SUPPLIES <input type="checkbox"/> WORD PROCESSING <input type="checkbox"/> OTHER (Specify)		3. REQUEST NUMBER (LEAVE BLANK) <div style="font-size: 2em; text-align: center;">10070062</div>			
7. REQUESTER Lynn Scattolini (contact: Wil Madison)		8. OFFICE OCIO			
9. TELEPHONE NUMBER 301-415-7221	10. FAX NUMBER 301-415-5367	11. MAIL STOP T6-C30	12. E-MAIL I.D. WLM		
13. SPECIAL INSTRUCTIONS (INCLUDE TITLE, DISTRIBUTION, PRINTING SPECIFICATIONS, INSTRUCTIONS, STOCK NUMBERS, JUSTIFICATION, QUANTITIES, AND UNITS WHEN APPLICABLE.)  The scanner listed below will be used to support ADAMS document processing in Headquarters:  One (1) Xerox Doculmage 620S Mid-Range Scanner with ADH, SCSI memory upgrade, Scantool software, SCSI cable and manuals Unit Price \$10,745.45					
14. FUNDING INFORMATION					
JOB CODE	B & R NUMBER	BOC	FUND SOURCE	AMOUNT	
J1017	010-15-524-120	3131	31X0200.010	10,746.00	
14a. FUNDS CERTIFIED AVAILABLE BY: SIGNATURE - CERTIFYING OFFICIAL For <i>John C. Harves</i>			14b. DATE 12/22/99		
FOR PROCESSING USE ONLY (LEAVE THIS SECTION BLANK)					
15a. REQUIREMENT APPROVED - SIGNATURE <i>Lynn Scattolini</i>		15b. DATE 12/21/99	16a. REQUISITIONING OFFICER - SIGNATURE		16b. DATE
17. OFFICE OF ADMINISTRATION PROCESSING					
ACTION	SIGNATURE	DATE	ACTION	SIGNATURE	DATE
A. POSTED	<i>John C. Harves</i>	12/21/99	C. DELIVERED	<i>John C. Harves</i>	12/21/99
B. FILLED			D. COMPLETED		
The material and/or services itemized above have been received in the quantity and quality specified, except as otherwise noted.			18a. SIGNATURE - RECIPIENT		18b. DATE



## Contractor Information

**Contractor:** DEL MAR DATA, INC (s/b)

**Address:** 215 LA BARRANCA DR  
SOLANA BEACH, CA 92075

**Contract No:** GS-35F-0088J

**Web Address:** <http://www.delmardata.com>

### Product/Ordering Information:

Name	Phone	Fax	Address	City	State	ZIP
DEL MAR DATA, INC	619.259.7911	619.259.1053	215 LA BARRANCA DR	SOLANA BEACH	CA	92075



Quick Search:

[New Search Info](#) [Advanced Search](#)

[HOME](#) | [SHOPPING CART](#) | [ORDERING GUIDE](#) | [CUSTOMER ASSISTANCE](#)

Categories Selected: *DOCUIMAGE 620 SCANNER*

Click on NSN/Mfr. Part No. for more detail

Product Matches: 1 - 1 of 1

◆ indicates quantity discounts, click to view

NSN/Mfr. Part No.	Product	Pkg	Price	Delivery	Qty	
<b>DIMAGE1 DOCUIMAGE 620</b> ◆	DOCUIMAGE 620 SCANNER EA		<b>\$10745.70</b>	5 days	<input type="text"/>	<input type="button" value="Add"/>
XEROX DOCUIMAGE 620 SCANNER WITH SCSI MEMORY UPGRADE, AUTOMATIC DOCUMENT FEEDER, SCSI CABLE, XEROX SCANTOOL SOFTWARE AND PIXVIEW SCANTOOL SOFTWARE FROM PIXTRANS .						



Manufacturer: XEROX

Contractor: [DEL MAR DATA, INC](#) [GS-35F-0088J] (s/b)

Didn't find what you were looking for? Click here to have a customer service representative call you.

## RECOMMENDATION

The Xerox DocuImage 620S scanner was ranked highest in our evaluation for performance/price. The DocuImage 620S does more with lower resolution 200 and 300 dpi images than any other scanner. It improves the rate of OCR conversion to increase productivity. The DocuImage 620S produces better image quality with higher information content than the competition. Although the pages per minute for DocuImage 620S is less than the other models, it is more than sufficient to easily handle the volume at the regions. More significant is the ability of the DocuImage 620S to handle "dirty" OCRs. Imaging magazine rated DocuImage 620S highest in an analysis of scanners for OCR accuracy.

One significant issue that may be overlooked by scanning equipment users is that of preventive maintenance. It is imperative that scanners are routinely maintained to insure the production of optimum quality images. Based on the moderate document volume assumption, CSC recommends that all medium-volume scanners undergo weekly preventative maintenance including the thorough cleaning of rollers and plate glass to minimize paper jams, and to yield a high quality image. There will also be an occasional need to replace scanner consumables such as scanner rollers and lamps. The volume of use will significantly effect the frequency of such replacements, but their cost will need to be included in future budgeting plans.

**From:** Larry Whitaker <larry@delmardata.com>  
**To:** Wil Madison <WLM@nrc.gov>  
**Date:** Thu, Dec 9, 1999 2:41 PM  
**Subject:** Re: Doculmage scanner interface?

At 01:14 PM 12/09/1999 -0500, you wrote:

>Larry,  
>Thanks for the follow-up. We now have the interface running properly. We  
>also have representatives from our Document Processing Center scheduled to  
>provide ADAMS specific scanning training to each region within the next  
>two weeks. You have been a great help to us and we appreciate it. Thanks  
>again.

Ok Wil,

Well, just doing my job. Please have someone tell me how they resolved the interface problem--I need to file that away in my memory banks.

And be sure to tell all to call with any scanner problems-- especially installation and setup. I can usually walk them through over the telephone.

Remember and please remind everyone that we may not be able to get more Doculmage scanners next year--(at a reasonable price) so if there is any possibility that more will be needed-- we can fill orders until the end of 1999-- GSA and also can do Visa or MC.

For faster scanning, we have the full line of Kodak scanners including the 3590c which can do 85 pages/minute in full color! It can do 170 images per minute scanning both sides of the paper.

Thanks again Wil,

>--Wil

>

> >>> Larry Whitaker <larry@delmardata.com> 12/09 11:21 AM >>>

>Hi all,

>

>Haven't heard more since the calls last week regarding the interface  
>problems between ADAMS and the Doculmage scantool software. Let me know  
>whether you were able to successfully resolve that. It should have been a  
>relatively easy fix.

>

>Also, let me know whether you need me to train the staff at any of the  
>Regions. I can schedule a trip to Texas, etc. if needed.

>

>If there is ANY chance you will need to add Doculmage scanners, you must  
>buy in December. Xerox has just announced their intention to pull the  
>Doculmage from individual VAR sales starting in January--- and sell it only  
>bundled with their DigiPath "print-on-demand" \$40,000 product. Far more  
>profit, I guess.

>

>For TIFF-to-PDF conversion, we strongly suggest switching to TypeReader



**From:** Michael Turner  
**To:** INTERNET:www.larry@delmardata.com  
**Date:** Wed, Dec 22, 1999 12:42 PM  
**Subject:** DOCUIMAGE 620S MID-RANGE SCANNER WITH ADH, SCSI MEMORY

Larry,

Please provide a quote, delivery terms, and warranty for the subject scanner. I would like to complete this order prior to January 2000 when Xerox plans to bundle the scanner with the costs for the "Digipath" product. Therefore, I would appreciate receiving your quote by close of business on 12/22/99. If you have any questions, I can be reached on (301) 415-6535.

Thanks!  
Michael Turner

**From:** Larry Whitaker <larry@delmardata.com>  
**To:** Michael Turner <MAT1@nrc.gov>  
**Date:** Wed, Dec 22, 1999 12:53 PM  
**Subject:** Re: DOCUIMAGE 620S MID-RANGE SCANNER WITH ADH, SCSI MEMORY

At 12:42 PM 12/22/1999 -0500, you wrote:

>Larry,  
>

>Please provide a quote, delivery terms, and warranty for the subject  
 >scanner. I would like to complete this order prior to January 2000 when  
 >Xerox plans to bundle the scanner with the costs for the "Digipath"  
 >product. Therefore, I would appreciate receiving your quote by close of  
 >business on 12/22/99. If you have any questions, I can be reached on (  
 >301) 415-6535.

Hi Michael,

Please check with Yvette Brown for all information needed about Del Mar Data, the scanners, delivery, etc. etc. She even has our electronic payment information I think.

Price is GSA \$10,745.75, terms net 30, delivery immediate-- (5 days probably). Warranty is 90 days unconditional and service agreement is optional beyond that.

All I need from you is the PO number-- and we will ship based on that alone. I will invoice after delivery-- and after I receive the paper Purchase Order, etc.

Again, we have been through all of this with Yvette, so you can save both of us work by just getting her Del Mar Data file, if such exists, ha.

Let me know Michael,

>Thanks!  
 >Michael Turner  
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QUOTATION FOR SMALL PURCHASES

10070062

DR-00-0075

WRITTEN  ORAL

DATE QUOTE POSTED (PCN 87-01)

DATE QUOTE REQUESTED

12/22/99

1. SYNOPSIS IN COMMERCE BUSINESS DAILY (CBD)

OTHER THAN FULL AND OPEN COMPETITION \$10,000 AND ABOVE APPROVED BY COMPETITION ADVOCATE

NO REASONABLE EXPECTATION OF RECEIVING AT LEAST TWO RESPONSIBLE AND RESPONSIBLE OFFERS

NOT REQUIRED

2. APPROVAL OTHER THAN FULL AND OPEN COMPETITION

ABOVE \$<sup>2,500</sup> BY BRANCH CHIEF

ABOVE \$10,000 AND ABOVE BY COMPETITION ADVOCATE

NOT REQUIRED

3. AVAILABILITY

AGENCY INVENTORIES

EXCESS-OTHER AGENCIES

FEDERAL PRISON IND.

BLIND/HANDICAPPED

GSA

FSS GROUPS CHECKED

EXPIRATION DATE

MANDATORY NON-MANDATORY

OPEN MARKET

BLANKET PURCHASE AGREEMENT (BPA)

4. JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION

BRAND NAME

6. BASIS OF "FAIR AND REASONABLE" PRICE IF ONLY ONE QUOTE RECEIVED

GSA PRICING. SAME PRICE QUOTED + ACCEPTED UNDER DR-00-013 FOR SAME ITEM.

5. JUSTIFICATION FOR OTHER THAN SMALL BUSINESS PURCHASE

7. OFFERORS

1 DEL MAR DATA, INC.  
215 LA BARRANCA DR.  
SOLANA BEACH CA

LARRY WHITAKER  
(619) 259-7911

ARTICLE(S) OR SERVICE(S)	QUANTITY	UNIT OF ISSUE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
XEROX DOCIMAGE 620S MID-RANGE SCANNER	1	EAT	\$10,745.75	\$10,745.75				

APPROVAL OF OTHER THAN FULL AND OPEN COMPETITION

APPROVAL TO EXECUTE ACTION EXCEEDING DELEGATION OF CONTRACTUAL AUTHORITY

CHIEF, CONTRACT NEGOTIATION BRANCH (Number) | DATE

TOTAL PRICE \$10,745.75

TERMS NET 30

DELIVERY F.O.B. DESTINATION

DELIVERY TIME 5 days

BUSINESS SIZE/TYPE SMALL

**FACSIMILE COVER PAGE**

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**To :** Yvette Brown

**From :** Larry Whitaker

**Sent :** 10/05/1999 at 9:49:04 PM

**Pages :** 1 (including Cover)

**Subject :** Quote on Doculmage scanner GSA

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Hi Yvette,

Del Mar Data is the only GSA source of the Xerox Doculmage scanner. The MSRP is \$11,995.00. We have discounted it for GSA to \$10,745.75. That is our quotation.

DMD will travel to Rockville and provide staff training for the scanner and imaging software-- for no additional cost-- if NRC buys 3 units at the GSA price.

The scanners are immediately available--2 or 3 day delivery after receipt of Purchase Order.

Call or email [larry@delmardata.com](mailto:larry@delmardata.com) with questions.

You can send the PO by email attachment.

TO BE FILLED IN BY DATA ENTRY:

12-22-99

Requisition Number: 10070062 Region/Office CTO

Requestor Scattolini S

Date Initiated: 12/21/99

Date Received: 12/22/99

Date Assigned: 12/22/99

Agent: Jurner

Amount of funds certified: 10,746.00

Complexity (Please circle one) 1 (2) 3

Buy Type -- Please check one:

- Services/Technical Assistance (with Statement of Work)
- Services/IT
- Services/Other
- Supply/IT
- Supply/Other

12/23/99  
AM

Description: 1 Documage scanner

TO BE FILLED IN BY PROCUREMENT SPECIALIST/AGENT:

Date Quotes Requested 12/22/99

Number Quotes Requested: 1

Date Awarded 12/22/99

Date Canceled:  / /

Order or BPA Number: DR-00-0075 Mod Number:

Award Amount \$ 10,745.75 SIC 3695

Vendor Name: DEL MAR DATA, Inc.

12/23/99  
AM

Vendor Telephone Number: (619) 259-7911

Solicitation Procedures -- Please check one:

- Multiple Award Schedule
- Noncompetitive
- Competitive
- Federal Supply Service
- GWAC

Type of Contractor -- Please check one:

- Large Business
- Other Nonprofit Organization
- Other Small Business
- Small Disadvantaged Business
- Javits Wagner O'Day nonprofit agency
- Government

Bankcard Used - Check if applicable

Reason for not using Bankcard - check one if applicable

- Over 30 day delivery
- Vendor does not accept VISA
- SOW or evaluation criteria required
- Yearly order with monthly payments
- Over single purchase limit
- Other SPECIALIST NOT A CARDHOLDER

Kind of Contract Action - Please check one:

- BPA calls
- Mod to PO
- Order under multiple award schedule contract
- Order/mod under federal schedule
- New PO
- Order under another Federal Agency's contract

Preference Program - Please check all that apply:

- Woman-Owned
- 8(a) Contractor
- Directed to JWOD Nonprofit Agency
- Small Business Set-Aside
- Small Disadvantaged Business Set-Aside

Other Reporting - Please check all that apply:

- IRS Reporting (Indiv/Partner)
- Tariff or Regulated
- Advisory Services
- Security Classification
- Government Owned Property (Must be completed if purchased property/equipment is "sensitive" or valued at \$300 or more)