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ILAS & RIS Data Handling Facility USAGE GUIDE

(Version 1)

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ILAS & RIS Project

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NATIONAL INSTITUTE FOR ENVIRONMENTAL STUDIES

Foreword

This guide describes use environment and usage of ILAS & RIS Data Handling Facility (referred to as ILAS & RIS DHF hereafter) for researchers to utilize the facility. Researchers who utilize ILAS & RIS DHF should comply with the usage procedures described in this guide. When other usage procedures are required, approval from the Manager of ILAS & RIS DHF should be consulted.

Please pay attention to the following when utilizing ILAS & RIS DHF.

* Development and tests of software are performed during the period of development for software of ILAS data processing and operation systems and the period of the initial checkout (- early in November 1996) after the launch of the ADEOS Satellite (August 1996), and various tests are performed during the period for the initial checkout at the facility. In utilizing ILAS & RIS DHF, restrictions are sometimes imposed as to suspension and use limitations of computers and use limitations of various computer resources.

* Routine processing and operation of satellite data is being carried out at this facility after routine processing and operation of satellite data had begun (from the middle of November 1996). In utilizing ILAS & RIS DHF, use restrictions are sometimes imposed on parts.

* Changes may be made in the description of this guide with regard to use environment, usage procedures etc. due to change in operation. You will be informed of such changes separately.

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Chapter 1 Summary of Use of ILAS & RIS Data Handling Facility

1.1 Purpose of ILAS & RIS DHF

ILAS & RIS Data Handling Facility, the facility of the Center for Global Environmental Research of the National Institute for Environmental Studies, supports the ILAS & RIS Satellite Observation Project the purposes of which are monitoring of the ozone layer, and investigation and research with the sensor ILAS* and RIS**, loaded on ADEOS***. The facility uniformly stores and manages the data resulting from the processing with ILAS and RIS and related data. ILAS & RIS DHF also provides users of the facility with data and computer resources for their research.

* ILAS: Improved Limb Atmospheric Spectrometer
** RIS: Retroreflector In Space
*** ADEOS: Advanced Earth Observing Satellite

1.2 Summary of Use of ILAS & RIS DHF

1.2.1 Details of Use of ILAS & RIS DHF

The use of ILAS & RIS DHF is categorized into two as follows:

(1) Use of computer resources (including use of various reference data)
The service is made on computers installed within the ILAS & RIS DHF network segment.
(2) Use of provision function of ILAS & RIS standard processing data
The service is made on a computer installed on a barrier segment at the National Institute for Environmental Studies.

The reader may refer to Chapter 2 of this guide with regard to the category (1) while refer to Chapter 3 of "ILAS User's Handbook" for "ILAS standard processing data" and "RIS User's Handbook" for "RIS standard processing data" with regard to the category (2).

The reader may refer to Chapter 4 of this guide with regard to applications for use of both categories. Figure 1.1 shows utilization of ILAS & RIS DHF in detail.

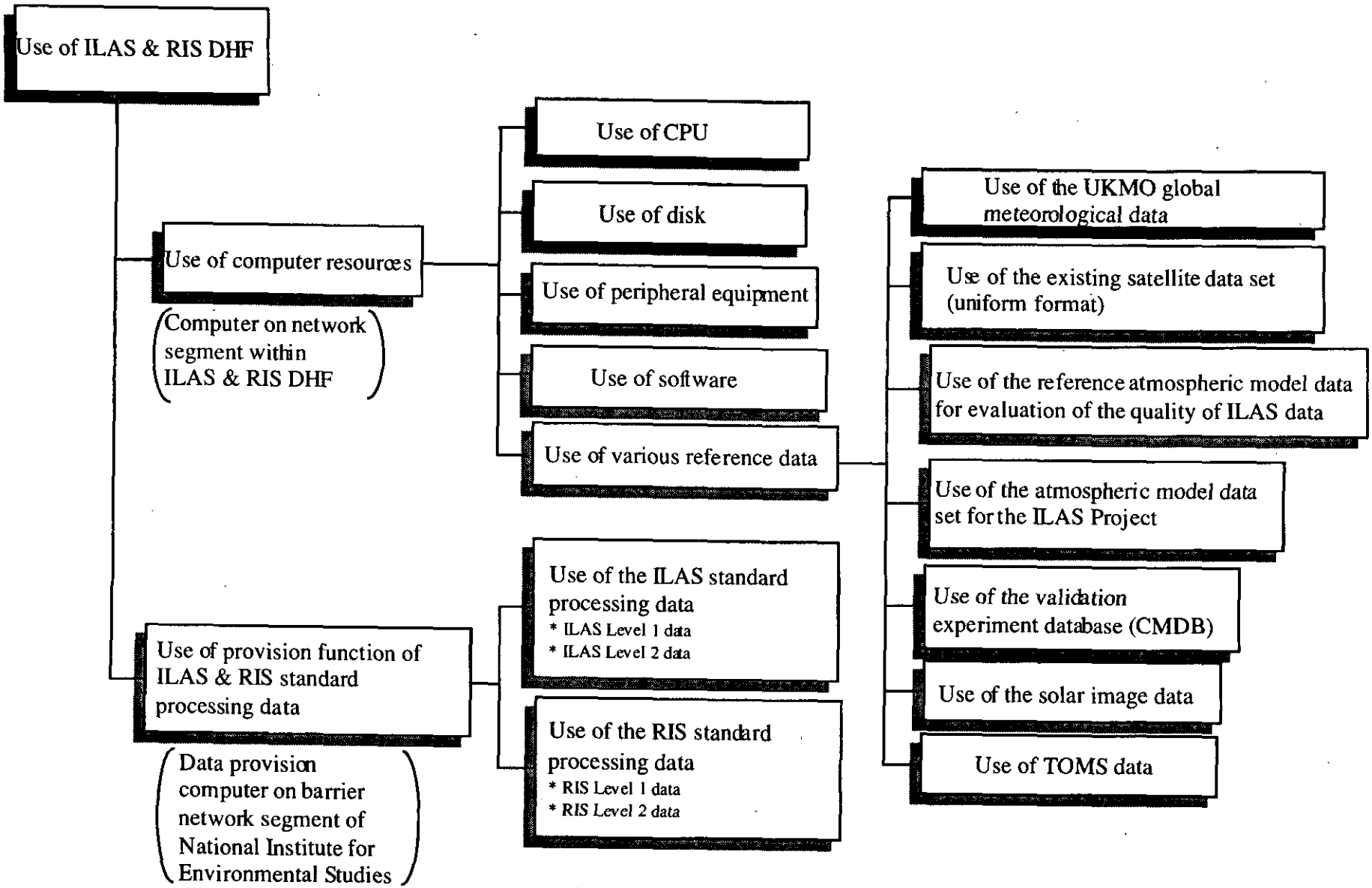


Figure 1.1 Details of Use of ILAS & RIS DHF

1.2.2 Use of ILAS & RIS DHF Computer Resources

(1) Use of ILAS & RIS DHF computers

(a) Available resources

* Hardware

Hardware resources, available in ILAS & RIS DHF, includes CPU, disk, and peripheral equipment such as printers and tapes. See 2.2 for details.

* Software

Software, available in ILAS & RIS DHF, includes compilers and various package software. See 2.3 for details.

* Manuals

ILAS & RIS DHF is provided with various manuals for hardware and software. The manuals can be used in ILAS & RIS DHF (Analysis Room) and can be borrowed as necessary. (Some manuals cannot be borrowed.)

(b) Backup/restoration

The operators of ILAS & RIS DHF regularly backup the disk for the user personal area. As a result, restoration from the backup data is possible. See 2.2.2 for details.

(c) WWW server

WWW server is equipped for access to the ILAS Project Home Page which introduces the summary and the activities of ILAS & RIS DHF. Moreover, the RIS Project Home Page is set.
The following are the URL addresses:

ILAS Project Home Page http://www-ilas.nies.go.jp/
RIS Project Home Page http://www-ris.nies.go.jp/

(d) Mailing list

A mailing list (in Japanese) is provided for the purpose of information exchange among users of ILAS & RIS DHF. Please utilize the mailing list for opinions and improvement for use of the facility. Those who want to be registered may specify so when applying for the account or inform us of it separately.

(2) Types of use of ILAS & RIS DHF

(a) Use of computer resources

There are two types of use of computer resources as follows:

* Use by access from outside ILAS & RIS DHF via communication lines

It is possible to "log in" to the WS within ILAS & RIS DHF, via communication line (Internet) from outside ILAS & RIS DHF, using computer resources and utilizing and acquiring data.

* Use of ILAS & RIS DHF by Visiting the Facility

It is possible to enter ILAS & RIS DHF (Analysis Room) to use the facilities.

ILAS & RIS DHF is divided into three rooms according to its purpose (see 2.1(1)). Researchers are allowed to enter only the Analysis Room and are prohibited from entering the other two rooms. Rules for entrance and exit for ILAS & RIS DHF should be observed.

(b) Use of various reference data

The following are ways of accessing various reference data available in ILAS & RIS DHF. See 1.2.2(4) and 2.3.5 for details.

Table 1.1 Ways of Accessing the Various Reference Data Available with ILAS & RIS DHF

Available reference data	Ways of accessing
Existing satellite data set (ILAS & RIS DHF uniform format)	* Reference to the file created in the shared area after a request for reference.
* UKMO global meteorological data * Reference atmospheric model data for evaluation of the quality of ILAS data * Atmospheric model data set for the ILAS Project * Validation experiment database (CMDB) * Solar image data * TOMS data (Levels 2' and 3' are available, Levels 2 and 3 are TBD.)	* Reference with the ILAS & RIS DHF computers * Transfer of a file with FTP

(3) Hours for use of ILAS & RIS DHF

(a) Use by access from outside ILAS & RIS DHF via communication lines

ILAS & RIS DHF is available for twenty-four hours throughout the year.

(b) Use of ILAS & RIS DHF by visiting the facility

You can visit ILAS & RIS DHF from 9:00 in the morning to 5:00 in the afternoon (Japanese Standard Time) from Monday to Friday (except for government office holidays).

(c) Suspension of use of ILAS & RIS DHF

* Regular suspension of use

Disk (user personal area) is backed up once a month from Saturday to Sunday. ILAS & RIS DHF cannot be used for this duration. See 2.2.2 for details.

* Irregular suspension of use

Though ILAS & RIS DHF can be used for the hours specified in (a) and (b) above, its use is sometimes suspended due to the following reasons.

- Suspension because of faults/maintenance of ILAS & RIS DHF
- Suspension due to power supply stoppage (including legal inspection/maintenance of power supply equipment of the National Institute for Environmental Studies.)
- Suspension of the network from the outside due to faults/maintenance of the National Institute for Environmental Studies itself.
- Suspension because of the operational works of ILAS & RIS DHF, for environmental change in ILAS & RIS DHF, backup of the system and user personal area, etc.
- Suspension in other cases where it is judged necessary for the operation of ILAS & RIS DHF

Suspension will be announced via E-mail etc. before actual cessation, however, suspension caused by faults etc. may be announced late.

(4) Summary of various reference data available with ILAS & RIS DHF

Table 1.2 shows the summary of various reference data available in ILAS & RIS DHF. See 2.3.5 for details.

Table 1.2 Summary of Various Reference Data Available with ILAS & RIS DHF

Kinds of reference data	Contents of reference data
UKMO global meteorological data	Global meteorological data in a three-dimensional grid provided by UKMO (temperature, atmospheric pressure, wind direction/speed data, etc.)
Existing satellite data set (ILAS & RIS DHF uniform format)	Vertical distribution data, such as the density of atmospheric minor constituent gases and aerosol extinction coefficient, acquired from satellite observation by NASA * UARS Level 3AT data (data observed by each of the sensors of HALOE, CLAES, ISAMS and MLS) * SAGE-I, SAGE-II, SAM-II data
Atmospheric model data set for the ILAS Project	Vertical distribution data of statistics such as average, standard deviation, etc. calculated according to latitudes and periods for each parameter to be measured by ILAS, based on the above-mentioned existing satellite data set
Reference atmospheric model data for evaluation of the quality of ILAS data	Atmospheric model data created for evaluation of the quality of ILAS data based on the atmospheric model data set for the ILAS Project
Validation experiment database (CMDB)	Database into which ILAS validation experiment data are collected and stored.
Solar image data	The solar image data observed at the solar observation points (Hiraiso Branch of Communications Research Laboratory (CRL) of the Ministry of Posts and Telecommunications and Big Bear Solar Observatory)
TOMS data	Data observed by the TOMS sensor loaded on ADEOS * TOMS L2' data * TOMS L3' data * TOMS L2 data (TBD) * TOMS L3 data (TBD)

1.2.3 Use of Provision Function of ILAS & RIS Standard Processing Data

(1) Summary of provision function of ILAS standard processing data

For details, see Chapter 3 of this guide and Chapter 3 of "ILAS User's Handbook". A summary is as follows.

(a) Method of Provision

The following four methods can be used.

* Search and order by data distribution system

* Search and order by WWW

* Search and order by CEOS-IDN

* Search and order by E-mail, letter or fax

(b) Contents of the data provided

The ILAS standard processing data which can be provided are as follows.

* ILAS level 1 data (Medium)

* ILAS level 2 data (On-line, Medium)

(2) Summary of provision function of RIS standard processing data

For details, see "RIS User's Handbook".
(The method of provision and the contents of the data provided are TBD.)

1.2.4 Various Applications for Use of the Facility

(1) Person in charge of application

Regular members of the Science Team, members of the Project Advisory Committee, members of the Validation Experiment Team, JRA-PI, etc. can be in charge of application. Notices will given through the person in charge of application. The person in charge of application is responsible for utilization by partner researchers of his group, the management of various applications (for registration of user account and extension of user personal area) and for use by his own group.

(2) Summary of various applications

Account registration is necessary to use the computer resources of ILAS & RIS DHF and the ILAS & RIS standard processing data. The following are the various applications for use. See Chapter 4 for details.

Table 1.3 List of Various Applications

Applications	Necessity of applications for use of computer resources	Necessity of applications for use of provision function of ILAS & RIS standard processing data	Person in charge
Application for registration of user account	✔	✔	Person in charge of application
Application for extension of user personal area	✔		
Application for reissuance of a password	✔		User
Application for restoration of data in the user personal area	✔		
Application for deletion of user account	✔	✔	Person in charge of application

1.3 For Inquiries

Contact the following for various applications and inquiries with regard to use of ILAS & RIS DHF.

Table 1.4 Destination of Applications and Inquiries on ILAS & RIS DHF

Person in charge	Operations Manager of ILAS & RIS DHF
Address	ILAS & RIS DHF Main Research Building III, National Institute for Environmental Studies 16-2 Onogawa, Tsukuba, Ibaraki 305, Japan
TEL	+81-298-50-2568
FAX	+81-298-56-6995
E-mail address	admdhf@ilasris.nies.go.jp

Chapter 2 Use Environment and Usage of Computers

2.1 Summary of Computers

In the configuration of the ILAS & RIS DHF computer equipment, IBM 9076-SP2 (SP2) composed of 24 nodes which forms its foundation in order to realize high-speed data processing, and other workstations such as SUN SPARC Server1000 (SS1000), SUN SPARC station 20 (SS20), and IBM RISC System/6000 (RS/6000) are included.

It is possible to use the facility not only within but also from outside via Internet.

The following are explanations of the environment for use of computers.

(1) Layout of ILAS & RIS DHF

ILAS & RIS DHF is composed of the ILAS/RIS Parallel Processing Room, the ILAS/RIS Operation Management Room and the ILAS/RIS Analysis Room. Researchers are allowed to enter only the ILAS/RIS Analysis Room.

Figure 2.1 shows the layout of ILAS & RIS DHF, and Figure 2.2 shows a detailed layout of the ILAS & RIS DHF Analysis Room.

(2) Configuration of equipment

Figure 2.3 shows the equipment configuration of ILAS & RIS DHF. CPU available to researchers is limited in order to avoid influence on the routine operation of satellite data. See 2.2.1 for details.

(3) Mechanical specifications

Figure 2.4 shows the mechanical specifications of computers used in ILAS & RIS DHF.

(4) Network configuration

Figure 2.5 shows the network configuration of ILAS & RIS DHF, the only two gateway machines that can be accessed from the outside via Internet (host name: sp2fr, anafs01).

See 2.3.1 for logging-in direction details.

(5) Separation of the AIX (SP2, RS/6000) environment and the Solaris (SS1000, SS20) environment

In ILAS & RIS DHF the environment for use of disks, for AIX and that for Solaris, is separated in order to reduce the load on the network between the IBM workstation (OS: AIX) and the SUN workstation (OS: Solaris).

The disk environment at the time of log-in of SP2 and RS/6000 and that of SS1000 and SS20 are different as shown in Figure 2.6.

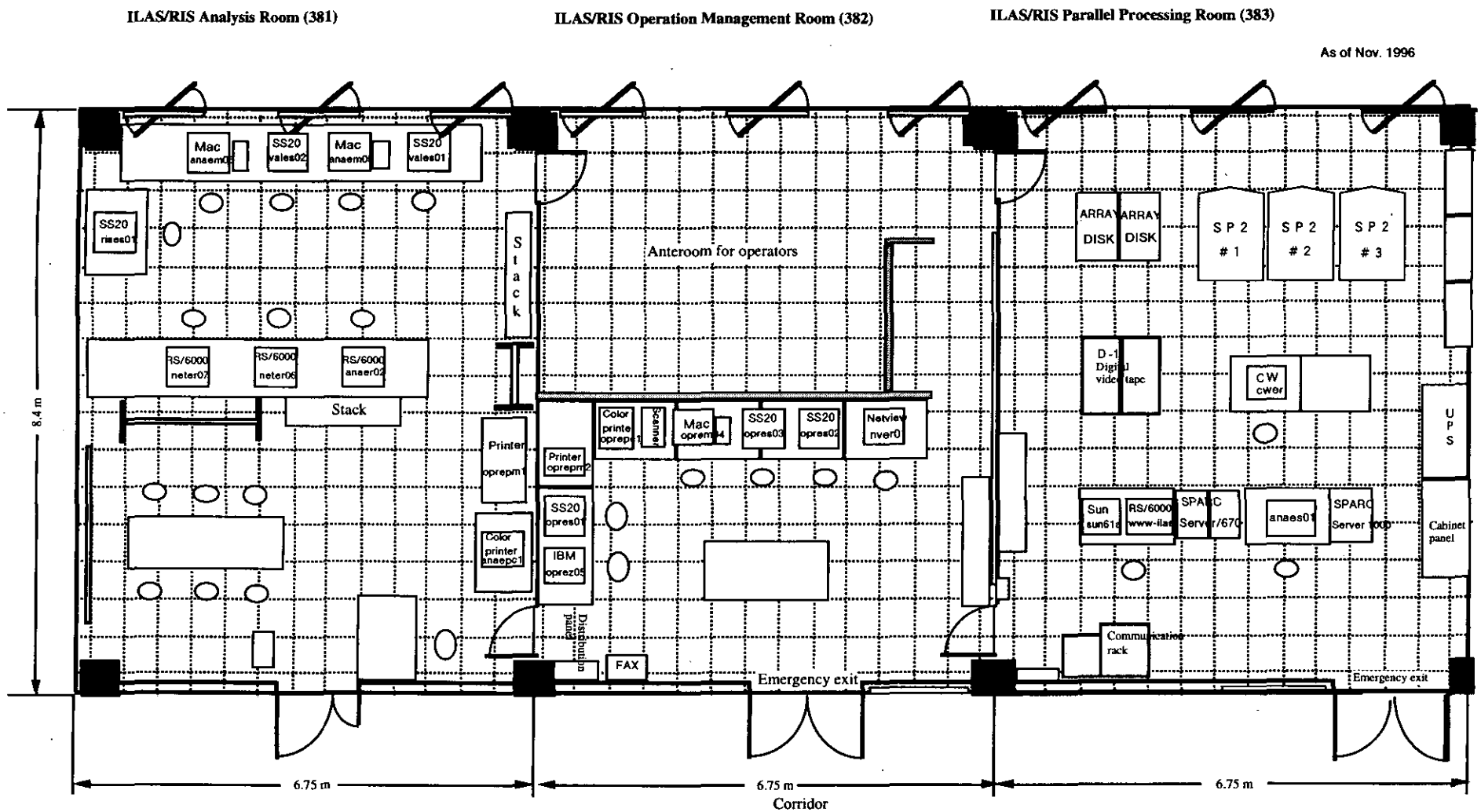


Figure 2.1 Layout of ILAS & RIS DHF, 3rd Floor of Main Research Building III

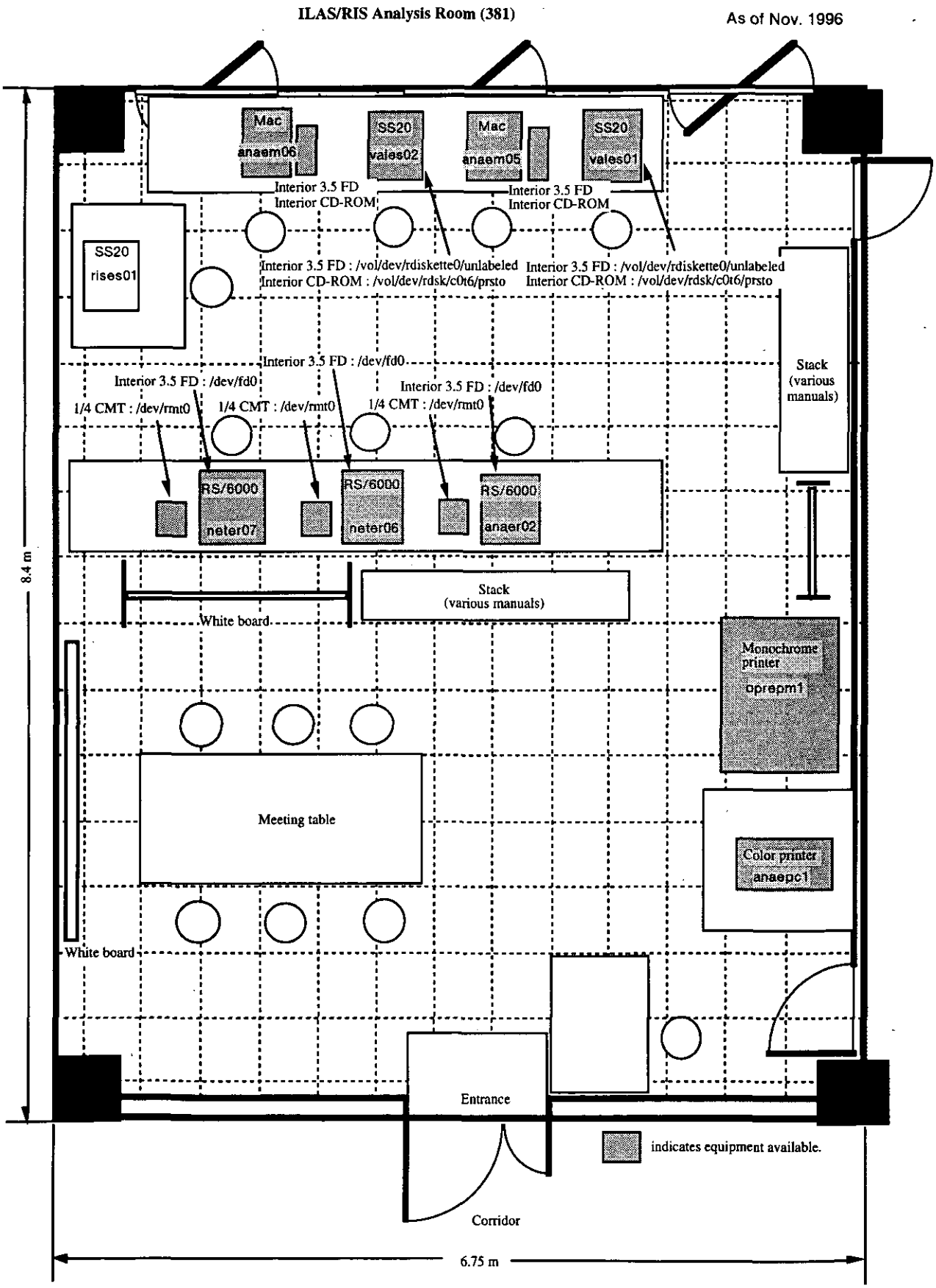


Figure 2.2 Layout of Analysis Room of ILAS & RIS DHF, 3rd Floor of Main Research Building III

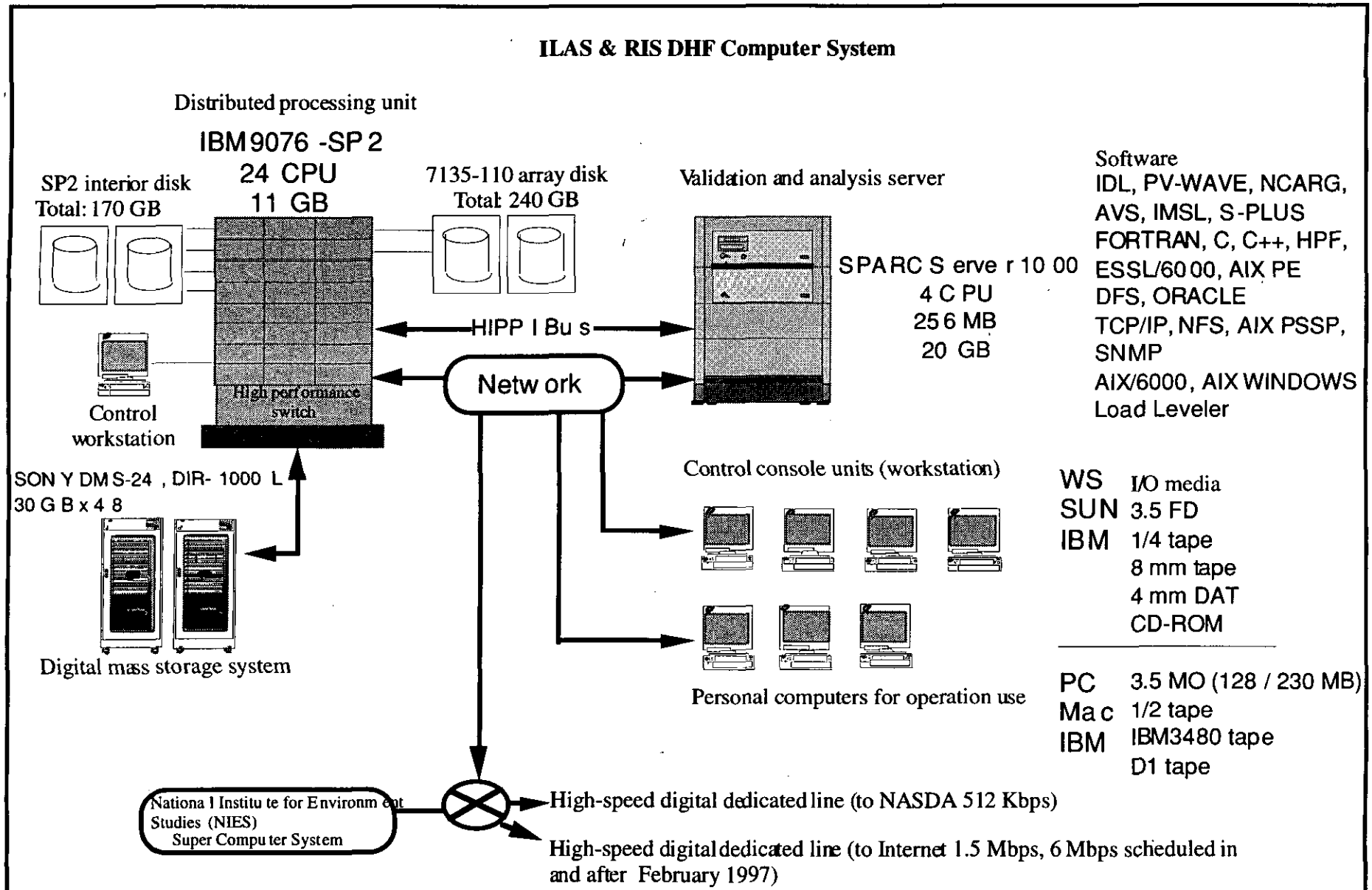


Figure 2.3 Equipment Configuration

ILAS & RIS DHF Computer System

Mechanical Specification (as a whole)

■ Distributed processing function
IBM 9076-SP2 (24 CPU type)

* Number of CPU : 24
* Number of CPU assigned to researchers : 4
* Total main memory capacity : 11 GB
* Total disk capacity (interior) : 168 GB
* Operation speed : Peak Performance 6.4 Gflops
  SPEC int value 2918.4
  SPEC fp value 6232.8
  Linpack(n=100) value 3.2 Gflops
* High-speed network switch : High-performance switch
  Total transfer speed: 80 MB/s
* *Attached I/O device* : Array-type magnetic disk device
  (Total capacity : 240 GB)
  D-1 digital video tape device
  (Maximum storage capacity: 1.4 TB)

  Devices for open reel tape,
  8 mm tape and 4 mm tape

■ Server for validation and analysis
SPARC Server 1000

* Number of CPU : 4
* Total main memory capacity : 256 MB
* disk capacity : 20 GB (Array-type disk)
* Operation speed : SPEC *rate-int* 92 value 7,707
  SPEC rate-fp 92 value 8,557
* *Attached I/O device* :: HiPPI interface
  (for the distributed processing device)

■ Other main workstations

* IBM RS/6000 Model 25X-Turbo
  SPEC int value 78.8 SPEC fp value 90.4
* SPARC Station 20 Model 61
  SPEC int value 88.9 SPEC fp value 102.8
* SPARC Station 20 Model 50
  SPEC int value 69.2 SPEC fp value 78.3

Figure 2.4 ILAS & RIS DHF Mechanical Specification

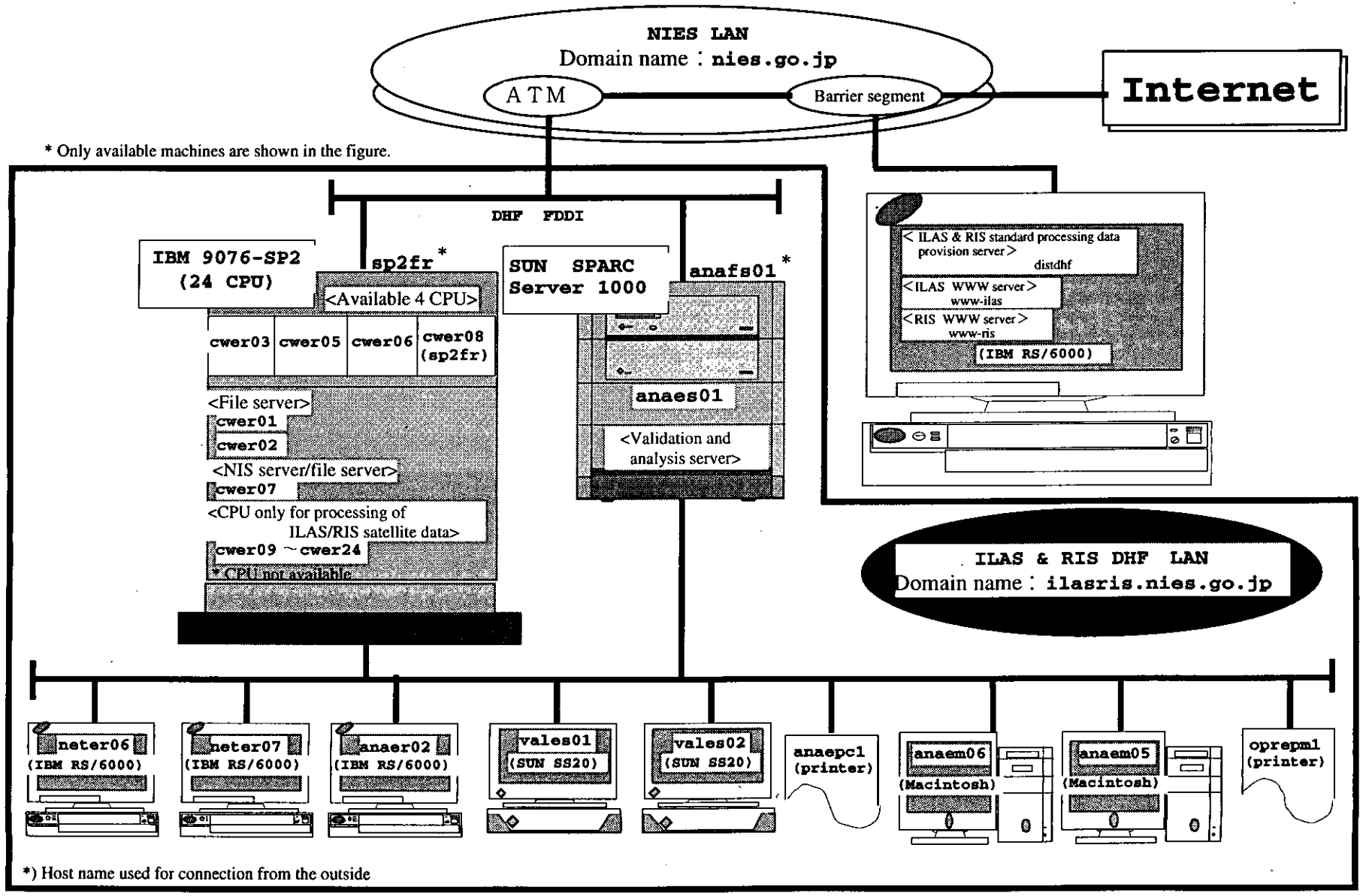
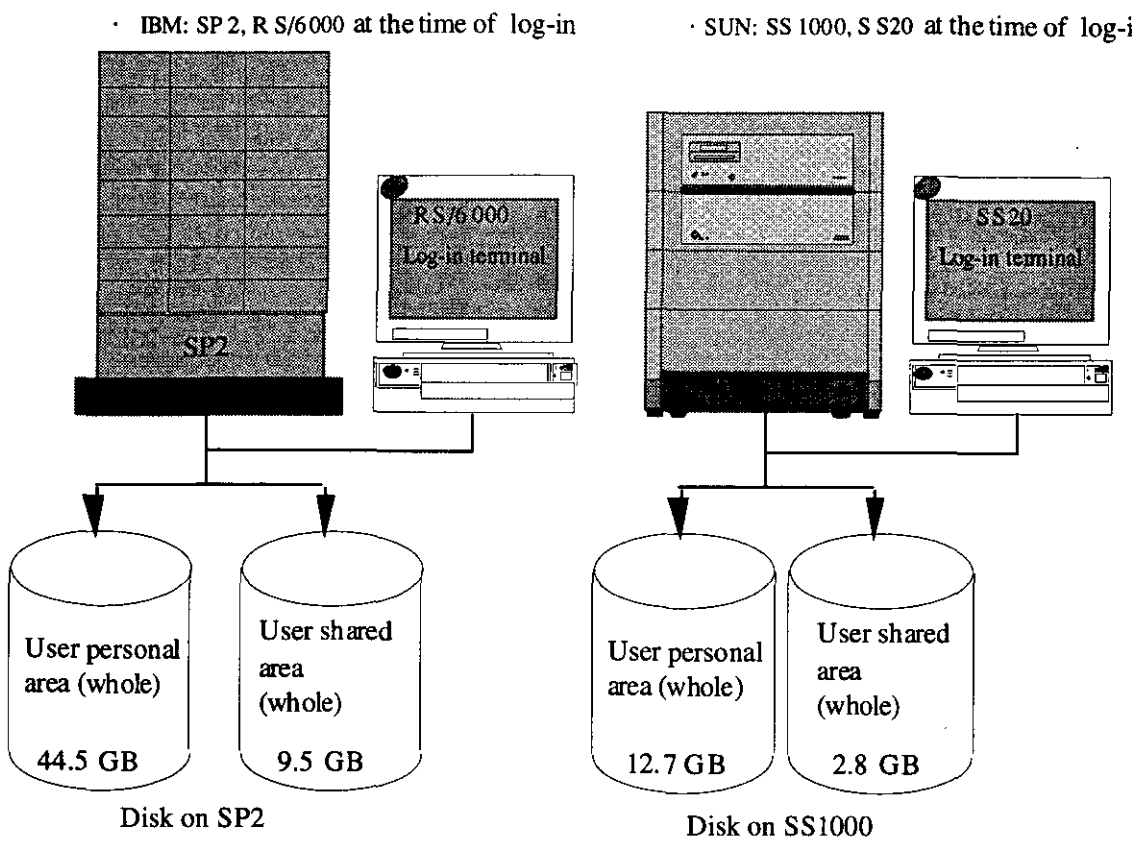


Figure 2.5 ILAS & RIS DHF Network Configuration (Note: Distribution of this figure to those other than the persons concerned is not allowed.)



User personal area: Disk area assigned to each user

User shared area: Disk area available to all the users in common (cleared regularly)

(See "2.2.2 Environment for use of disk" for details.)

Figure 2.6 User Area on IBM (SP2, RS/6000) and SUN (SS1000, SS20)

2.2 Environment for Use of Computer Resources

2.2.1 Environment for Use of CPU

The following CPUs are available in ILAS & RIS DHF. When using the CPU from the outside, it is necessary to log-in to the gateway machine (host name: sp2fr, anafs01) first.

Table 2.1 Environment for Use of CPU

Classification	Host name within and outside of ILAS & RIS DHF		Machine type (OS)	Location
	Internally	From outside		
Workstation for diagnosis of data	vales01		SUN SPARC Station 20 Model 61 (Solaris 2.5)	ILAS & RIS DHF Analysis Room
	vales02		SUN SPARC Station 20 Model 61 (Solaris 2.5)	
Terminal workstation for validation and analysis	anaer02		IBM RS/6000 (AIX 3.2)	
	neter06		IBM RS/6000 (AIX 3.2)	
	neter07		IBM RS/6000 (AIX 3.2)	
Personal computers for validation and analysis	anaem05		Power Macintosh 8100/80 (MacOS J1-7.5.1)	
	anaem06		Power Macintosh 8100/80 (MacOS J1-7.5.1)	
Server workstation for validation and analysis	anaes01	anafs01 *	SUN SPARC Server 1000 (Solaris 2.3)	ILAS & RIS DHF Parallel Processing Room (In case of utilization by visiting the facility, it can be used through remote operation from Analysis Room.)
Computer cluster for development of distributed processing algorithm	cwer03		IBM 9076 SP2 (AIX 3.2)	
	cwer05			
	cwer06			
	cwer08	sp2fr *		

* Domain name used when accessing from the outside.
anafs01.ilasris.nies.go.jp
sp2fr.ilasris.nies.go.jp

In addition to the above machines, cwer01, cwer02, cwer04 and cwer07 are also available to users who belong to ILAS Project Staff groups. Users belonging to RIS groups can use only rises01 (TBD) located in ILAS & RIS DHF Analysis Room.

2.2.2 Environment for Use of Disk

Environment for use of disk in ILAS & RIS DHF will be explained in this section.

(1) User area

(a) User personal area (home directory)

User personal area means the home area (/home/user name) accessed by logging-in, which can be used freely and stored within the specified size.

The size of user personal area is determined based on the size entered when registration of user account is applied. When extension is required, application is available. DHF will determine extension of area after adjustment. For the size of user personal area, select among "Small", "Middle" and "Large" for AIX and for Solaris. When "Large" is selected, the area size will be determined after consultation with the Manager of ILAS & RIS DHF (see Table 2.2).

User personal area should be set both for AIX and for Solaris. When logging-in to SP2 or RS/6000, the disk environment for AIX will be automatically mounted with the auto-mount function, and when logging-in to SS1000 or SS20, that for Solaris will be mounted.

Example) Log-in to AIX environment
/home -> /home_aix/user name

Log-in to Solaris environment
/home -> /home_sun/user name

Table 2.2 Size of User Personal Area Determined according to Selection

Classification of area size	AIX environment	Solaris environment
Small	10 MB	10 MB
Middle	60 MB	20 MB
Large	Any size	Any size

(b) User shared area

User shared area is secured for AIX and for Solaris respectively. This area is where mass data, impossible to be stored in the user personal area, can be stored temporarily, and can be shared and used by all users.

This area is completely cleared during the period from 23:00 to 24:00, Japanese Standard Time, every Sunday. If there is any data to be kept, it has to be moved to the user personal area.

Table 2.3 List of User Shared Area

Environment	Name of shared area	Area size
AIX side (Available in any of the four areas)	/home/PUBLIC1 /home/PUBLIC2 /home/PUBLIC3 /home/PUBLIC4	2 GB 2 GB 2 GB 2 GB
Solaris side	/home/PUBLIC	2.8 GB

(2) Backup/restoration

(a) Backup/restoration of user personal area

* User personal area is backed up by operations of ILAS & RIS DHF once a month. Backed up data will be under a two-generation management and will be deleted after a storage of two months.

* Users who want to restore data from the user personal area backed up can apply for restoration of user personal area.

(b) Backup/restoration of user shared area

* User shared area is not backed up. Each user must manage data respectively.

(c) Backup schedule

* User personal area is backed up during the period from 3:00 AM on the third Saturday to 7:00 AM on the fourth Monday, Japanese Standard Time, every month. Though ILAS & RIS DHF is available during this period, avoidance should be observed as interference with the back up may occur.

2.2.3 Various Peripheral Equipment

The following Table 2.4 shows a list of peripheral equipment available in ILAS & RIS DHF.

Table 2.4 List of Peripheral Equipment

	Host name to be connected	Connection type	Device name	Location
3.5 FD device	vales01	Interior	/vol/dev/rdiskette0/unlabeled	ILAS & RIS DHF Analysis Room
	vales02	Interior		
	neter06	Interior	/dev/fd0	
	neter07	Interior		
	anaer02	Interior		
8 mm tape device	anaes01	Exterior	For use, consult with the ILAS & RIS DHF operator.	ILAS & RIS DHF Parallel Processing Room
1/4 inch cartridge tape device	neter06	Exterior	/dev/rmt0	ILAS & RIS DHF Analysis Room
	neter07	Exterior		
	anaer02	Exterior	/dev/rmt2	
	anaes01	Exterior	For use, consult with the ILAS & RIS DHF operator.	ILAS & RIS DHF Parallel Processing Room
CD-ROM device	vales01	Interior	/vol/dev/rdsk/c0t6/prsto	ILAS & RIS DHF Analysis Room
	vales02	Interior		
	anaes01	Exterior	For use, consult with the ILAS & RIS DHF operator.	ILAS & RIS DHF Parallel Processing Room
D-1 tape device	cwer02	Exterior	For use, consult with the ILAS & RIS DHF operator.	
Monochrome printer			oprepm1	ILAS & RIS DHF Analysis Room
Color printer			anaepc1	

2.3 Usage of Computers

2.3.1 How to Log-in

(1) Logging-in from outside the ILAS & RIS DHF

The domain of DNS (Domain Name System) of ILAS & RIS DHF exists as "ilasris", the subdomain of "nies", as the domain of the National Institute for Environmental Studies. The domain name of ILAS & RIS DHF is therefore "ilasris.nies.go.jp".

Because ILAS & RIS DHF handles high-security data, all nodes within DHF are not set to enable access with the outside. To use ILAS & RIS DHF, log-in to the following particular gateway first.

(a) Gateway

There are two gateways which can be connected from the outside. Please specify one of the following two (which specify the host name at the head of the domain name).

When connecting with the AIX environment:
sp2fr.ilasris.nies.go.jp
When connecting with the Solaris environment:
anafs01.ilasris.nies.go.jp

(b) Log-in

Log-in to one of the above-mentioned gateways by using telnet command.

Example 1. Log-in to sp2fr by using telnet. "username" is used as the log-in name in the example.

```
% telnet sp2fr.ilasris.nies.go.jp  [Enter]
AIX Version 3
(C) Copyrights by IBM and by others 1982, 1993.
login: username  [Enter]
username's Password: ******  [Enter]
```

When using another host within ILAS & RIS DHF, specify the host name shown in Table 2.1 and log-in again.

Example 2. Log-in to anaer02 by using telnet.

```
% telnet anaer02  [Enter]
AIX Version 3
(C) Copyrights by IBM and by others 1982, 1993.
login: username  [Enter]
username's Password: ******  [Enter]
```

(2) Logging-in within ILAS & RIS DHF

When using a computer within ILAS & RIS DHF, log-in at the workstation in the Analysis Room.

Example 3. Log-in to vales01.

```
vales01 console login: username [Enter]
Password: ******  [Enter]
```

When using another host within ILAS & RIS DHF, log-in in the same way as in Example 2 of the directions to logging-in as explained before (2.3.1(1)(b)).

2.3.2 Use of Printers

There is a monochrome printer and a color printer in Analysis Room in the ILAS & RIS DHF.

The following are directions in how to use each printer.

(1) How to utilize IMAGIO 530/PJ5 (oprepm1); a monochrome printer

The printer output is possible from any host by using lpr command. This printer is set as a default printer.
(IMAGIO 530/PJ5 can also be used as a copying machine.)

Example 1. Output of the file "test_data.c" to IMAGIO 530/PJ5

```
%lpr test_data.c
or
%lpr -P oprepm1 test_data.c
```

(2) How to utilize Phaser 440J (anaepc1); a color printer

The printer output is possible from any host by using lpr command.

Example 2. Output of the file "test_data.c" to Phaser 440J

```
%lpr -P anaepc1 test_data.c
```

※ In case of transparency output for OHP, consult with the operator.

Note: How to utilize SUN SPARC Printer II (spr); a monochrome printer (within the room of the Satellite Remote Sensing Research Team)

The printer output is possible from anafs01 using lpr command.

Example 3. Output of the file "test_data.c" to SUN SPARC Printer II

```
%lpr -P spr test_data.c
```

※ Output to this printer is possible only when ILAS & RIS DHF is used from the terminal within the room of the Satellite Remote Sensing Research Team.

2.3.3 Compiler

(1) C compiler

C compiler is set as standard at the time of registration of a user account. C compiler on the Solaris of SUN and C compiler on the AIX of IBM are available.

(a) C compiler on the Solaris of SUN
Two kinds of C compilers are available.

(i) SPARCompiler C 3.0
- Compile command: cc
- Available workstations: anaes01, vales01, vales02
- Online manual:
  anaes01:/export/home/SUNWspro/SC3.0/man
  vales01, vales02: /opt/SUNWspro/SC3.0/man

(ii) FUJITSU C Compiler V 2.0.1
- Compile command: fcc
- Available workstations: anaes01
- Online manual:
  anaes01:/opt/FSUNf90/fcc2.0.1/man

(b) C compiler on the AIX of IBM
C Set++ Compiler V2
- Compile command: cc, xlc, c89
  cc, xlc and c89 commands are for compiling XL C source files. These commands are the same except for the default specification. The default specification of cc is "extended" (extension specification). The default specification of xlc and c89 is "ansi".
- Available workstations: cwer03, cwer05, cwer06, cwer08,
  anaer02, neter06, neter07
- Online manual: /man/share/man

(2) FORTRAN compiler

FORTRAN compiler is set as standard at the time of registration of a user account. FORTRAN compiler on the Solaris of SUN and FORTRAN compiler on the AIX of IBM are available.

(a) FORTRAN compiler on the Solaris of SUN
Two kinds of FORTRAN compilers are available.

(i) SPARCompiler FORTRAN 3.0
- Compile command: f77
- Available workstations: anaes01, vales01, vales02
- Online manual:
  anaes01:/export/home/SUNWspro/SC3.0/man
  vales01, vales02: /opt/SUNWspro/SC3.0/man

(ii) Fujitsu Fortran90 V 2
- Compile command: frt
- Available workstation: anaes01
- Online manual:
  anaes01:/opt/FSUNf90/man

(b) FORTRAN compiler on the AIX of IBM
XL Fortran V 3 R 2
- Compile command: xlf
- Available workstations: cwer03, cwer05, cwer06, cwer08, anaer02, neter06, neter07
- Online manual: /man/share/man

2.3.4 Library of Various Package Software

(1) Package software library available in ILAS & RIS DHF
Table 2.5 shows the package software library available in ILAS & RIS DHF.

(2) How to utilize package software
Table 2.5 shows how to activate and terminate each package software. With regard to use of these packages, steps to environmental setting for activation are supported by the DHF. See online manuals shown in the remarks columns in Table 2.5 and the manuals provided in the Analysis Room in ILAS & RIS DHF for details.

Support to use of PV-WAVE and IDL is possible. There are also some manuals which can be lent to the outside of ILAS & RIS DHF. If you want to borrow a manual, please consult with the operator.

(3) Free software availability
Thanks to cooperation of users, free software such as gawk and gnuplot have been prepared. Such preparations will be continued. If you want to use free software or have something to be installed, contact ILAS & RIS DHF.

Please refer to the /usr/local/DOC/DHF_Free.doc file. Preparation conditions will be shown and the file will be occasionally updated.

Table 2.5 Summary of Package Software and Library in ILAS & RIS DHF

Package software name	Summary of functions	OS classification	Activation method	Termination method	Available machines	Remarks (online manual, location of library, etc.)
AVS V 5.01	Data visualizing tool	Solaris	avs	Mouse operation	anaes01	
		AIX	avs	Mouse operation	cwer08	
IDL V 3.6	Data visualizing tool	Solaris	idl	exit	anaes01	
		AIX	idl	exit	cwer08	
PV-WAVE V 5.0	Data visualizing tool	Solaris	wave	exit	anaes01	
S-PLUS V 3.1	S language basis statistical analysis software	Solaris	Splus	q()	anaes01	
		AIX	Splus	q()	cwer08	
BBN/Comerstone R 1.1.2	Data analysis tool	Solaris	bbncs	Mouse operation	anaes01	
IMSL (C:V 1.02) (Fortran:V 3.0) (*Graphics*:V 2.1)	Library for numerical computation/ statistical analysis, graphic library (*C*, Fortran)	Solaris	-	-	anaes01	/export/home1/imsl
		AIX	-	-	cwer08	/usr/lpp/imsl
ESSL V 2	IBM general-purpose numerical computation library	AIX	-	-	cwer03, 05, 06, 08	/usr/lpp/essl
SSL-II V 2.0.3	Fujitsu general-purpose numerical computation library	Solaris	-	-	anaes01	/opt/FSUNf90/SSLII2.0.3/lib
Maple-V R 3	Formula manipulation system	Solaris	maple	quit	anaes01	/usr/local/maple/man
Mathematica V 2.23	Formula manipulation system	Solaris	math	Exit	anaes01	/export/home1/mathematica/Documents/man
Quantify V 2.0	Performance analysis tool for C and C++	Solaris	quantify, qv command	-	anaes01	/export/home1/quantify/man
CodeV V 8.10B	Optical design/evaluation software	Solaris	codev	Mouse operation	anaes01	

2.3.5 Various Reference Data Available in ILAS & RIS DHF

(1) Summary of Various Reference Data Usage

Table 2.6 shows contents, access methods, file formats, media, etc. of various reference data available in ILAS & RIS DHF.

Table 2.6 Summary of Various Reference Data Usage

Kinds of data	Contents of data	Access method	File format	Media	Remarks
UKMO global meteorological data	Global meteorological data in a three-dimensional grid provided by UKMO (temperature, at mospheric pressure, wind direction/speed data, etc.)	* Reference with ILAS & RIS D HF computer * File transfer with FTP	Binary (amount of a day/file)	Online	For use, refer to the document file under /usr/local/DOC/UKMO.
Existing satellite data set (ILAS & RIS DHF uniform format)	Vertical distribution data, such as the density of atmospheric minor constituent gases and aerosol extinction coefficient, acquired from satellite observation by NASA * UARS Level 3AT data (data observed b y each of the sensors of HALOE, CLAES, ISAMS and MLS) * SAGE-I, SAGE-II data	* After request for refere nce, ILAS & RIS DHF creates a file in the shared area a nd informs the user of the storage location.	Text (ASCII format text file edited from original data) (amount of a month/file for each of satellite sensors and observation parameters)	Online	For use, contact with the system operations manager of ILAS & RIS DHF. Refer to the document file under /usr/local/DOC/other_sat.
Atmospheric model data set for ILAS Project	Vertical distribution data of statistics, such as average, stan dard deviation, etc., are calculated ac cording to latitudes and periods for each par ameter to be measured, based on the above-mentioned existing satellite data set (uniform format)	* Reference with IL AS & RIS DHF computers * File transfer with FTP	Text (one file for each of satellite sensors and observati on parameters respective ly)	Online	For use, refer to the document file under /usr/local/DOC/prj_atom.
Reference atmospheric model data for evaluat ion of the quality of ILAS data	Atmospheric model data c reated for evaluation of the quality of ILAS data based on the atmospheric model data set for the ILAS Project	* Reference with ILAS & RIS DHF computers * File transfer with FTP	Text (one file for each observa tion parameter)	Online	For use, refer to the document file under /usr/local/DOC/val_atom.
Validation experiment database (CMDB)	Database into which ILAS validation experiment data are collected and stored.	* Reference with ILAS & RIS DHF computers * File transfer with FTP	Text (AMES format) (1 observation/file)	Online	For use, refer to the document file under /usr/local/DOC/CMDB.
Solar image data	The solar image data ob served at the solar observation points (Hira iso Branch of Communications Research Laboratory (CRL) of the Ministry of Posts and Telecommunications and Big Bear Solar Observa tory)	* Reference with ILAS & RIS D HF computers * File transfer with FTP	Binary (amount of a day /file for each observation po st)	Online	For use, refer to th e document file under /usr/local/DOC/sun_imag.
TOMS data	Data observed by the TOMS sensor loaded on ADEOS * TOMS L2' data * TOMS L3' data * TOMS L2 data (TBD) * TOMS L3 data (TBD)	* Reference w ith ILAS & RIS DHF computers * File transfer with FTP	* TOMS L2': Binary (one revolution on the orbit/file) * TOMS L3': Text (one day/file) * TOMS L2 : HDF (one re volution on the orbit/file) * TOMS L3 : HDF (one day/file)	Online	For use, refe r to the document file under /usr/local/DOC/TOMS.

Chapter 3 Use of Provision Function of ILAS & RIS Standard Processing Data

ILAS & RIS DHF stores the respective Level 1 and Level 2 data processed from the data observed by ILAS (Level 0 data) in a medium appropriate to the data volume and frequency of utilization. The data are supplied to users after conversion into the requested medium.

3.1 Use of Provision Function of ILAS Standard Processing Data

A summary is shown here. For details, see Chapter 3, Appendix A, and Appendix B of "ILAS User's Handbook".

3.1.1 Contents of Data Provided

A summary is shown in Table 3.1.

Table 3.1 Provision Contents of ILAS Standard Processing Data

Kinds of data	Contents of data	File format	Media
ILAS standard processing data	The following data processed/created by ILAS & RIS DHF * ILAS Level 1 data * ILAS Level 2 data	* HDF * Text (AMES format)	* Online (ILAS Level 2 data only) * Floppy diskette * MO * 1/4 inch tape * 8 mm tape * 4 mm DAT * CD-ROM (TBD)
RIS standard processing data	The following data processed/created by ILAS & RIS DHF * RIS Level 1 data * RIS Level 2 data		

3.1.2 Application Required for Use of Provision Function of ILAS & RIS Standard Processing Data

(1) Applications

The following applications are required for use of the data provision function.

* Application for registration of user account
  This is necessary before use of the function.

* Application for deletion of the use of the user account
  When finishing the use of the function, this is necessary.

See Chapter 4 for details.

(2) Computer for the data provision function

"Use of provision function of ILAS & RIS standard processing data" is realized on a computer of "ILAS & RIS standard processing data provision server" installed on a barrier segment at the National Institute for Environmental Studies considering the network security: The computer is also used as the ILAS WWW server. On the other hand, "use of computer resources" is realized on the computers installed within the ILAS & RIS DHF network segment (Domain name: ilasris.nies.go.jp). See Fig 2.5.

On the occasion of application for user account registration, an account is set for the computers installed on a barrier segment at the National Institute for Environmental Studies, if "Use of provision function of ILAS & RIS standard processing data" is selected as a type of use, while it is set for the computers installed within the ILAS & RIS DHF network segment, if "Use of computer resources" is selected. If both uses are selected, accounts are set for both types of computers: in this case, the same "User log-in name" and "Password" is set for the uses at the registration.

3.2 Use of Provision Function of RIS Standard Processing Data

For details, see "RIS User's Handbook".
(The method of provision and the contents of the data provided are TBD.)

Chapter 4 Various Applications for Use of the Facility

4.1 Procedures for Application for Registration of User Account

The following are procedures for registration of user account. (See Figure 4.1.)

(1) An applicant can request for an application form for registration of user account by E-mail, FAX or letter. A copy of the application form attached to this guide may be used for the application.

(2) The operations manager of ILAS & RIS DHF sends an application form for registration of user account by E-mail, FAX or letter to the applicant.

(3) The applicant receives the application form for registration of user account, completes the form and sends it to the person in charge of applications.

When the person in charge of applications becomes an applicant, both blanks for the applicant and person in charge of applications must be filled in.

(4) The person in charge of applications (See 1.2.4 (1)) checks the items entered.

(5) The person in charge of applications completes the application form for registration of user account and sends the application for registration of user account to the operations manager of ILAS & RIS DHF by E-mail, FAX or letter.

(6) The operations manager of ILAS & RIS DHF receives the application for registration of user account.

(7) Manager of ILAS & RIS DHF checks the application for registration of user account and approves the use of the facility.

In case of a mistake in the application, the person in charge of the application will be informed and he must review it.

(8) The person in charge of operations of ILAS & RIS DHF registers the user account.

(9) The operations manager of ILAS & RIS DHF sends a notification of registration of user account to the person in charge of the applications by E-mail or letter.

(10) The person in charge of the applications must comprehend the contents of the notification of registration of user account which he has received. He is also responsible for management of the notification.

(11) The applicant receives a copy of the notification of registration of user account and comprehends the contents.

Note 1: The computers for "Use of computer resources" are different from the computer for "Use of provision function of ILAS & RIS standard processing data". The user accounts are registered to the computers suitable for the types of use by this application. See 3.1.2(2) for details.

Note 2: How to change the password for ILAS & RIS DHF computers

(a) "Use of computer resources"

The user account and its password are managed by NIS for the computers installed within the ILAS & RIS DHF network segment. The change in the password is reflected in all the workstations for the computers. The password should be changed more than once every six months in order to avoid outside leakage.

How to change the password by using yppasswd command

For AIX environment:

```
%yppasswd log-in name
Old yp password: Enter the old password.
New password: Enter the new password.
Retype new password: Enter the new password again.
yellow pages passwd changed on cwer07
%
```

For Solaris Environment:

```
%yppasswd log-in name
Enter login(NIS) password: Enter the old password.
New password: Enter the new password.
Re-enter new password: Enter the new password again.
NIS(YP) passwd/attributes changed on cwer07
%
```

(b) "Use of provision function of ILAS & RIS standard processing data"

The password for this use remains as it is at the registration. It cannot be changed by the user. Pay attention to it.

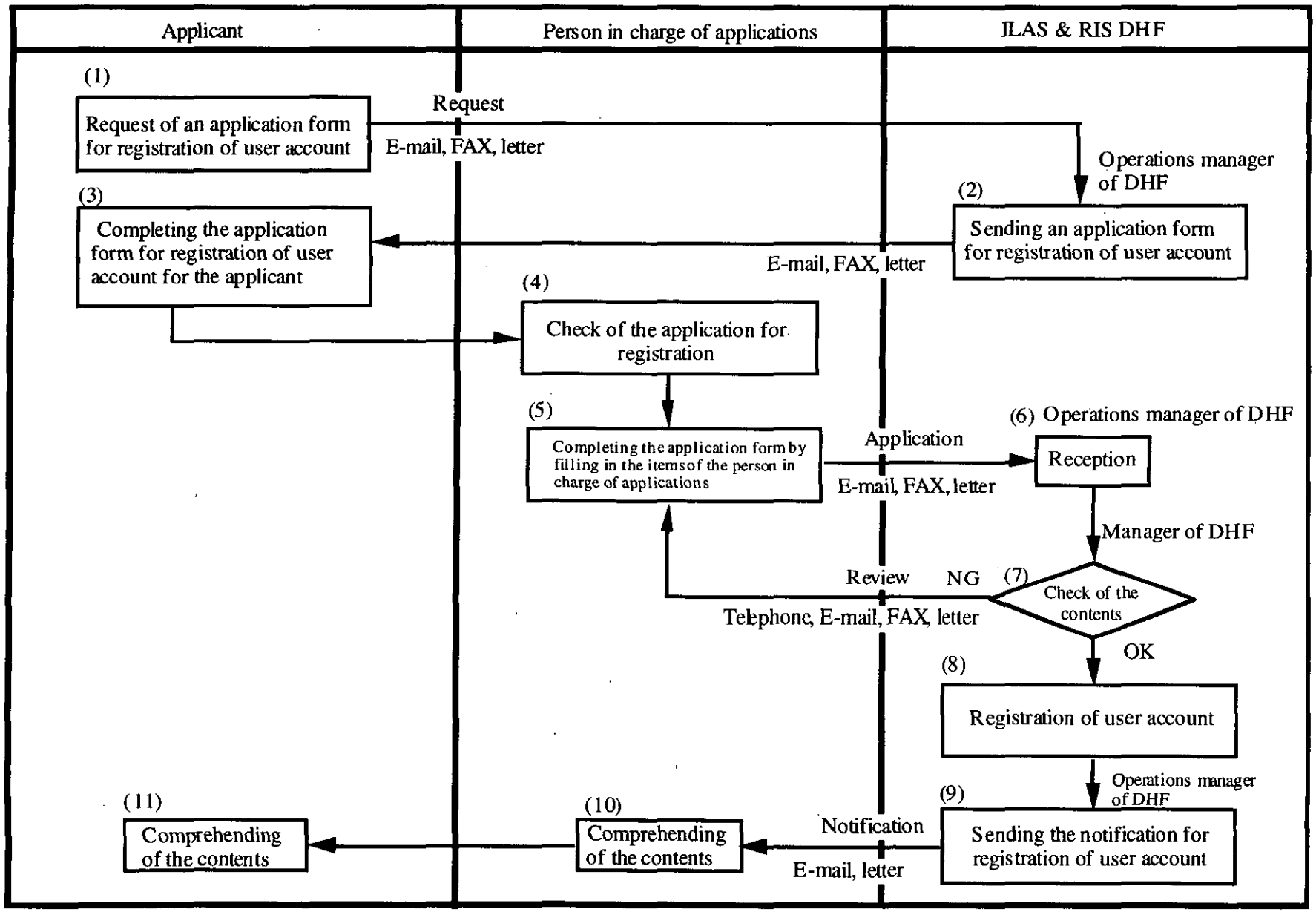


Figure 4.1 Flow of Application for Registration of User Account

4.2 Procedures for Application for Extension of User Personal Area

The following are procedures for extension of user personal area. (See Figure 4.2.)

(1) A user can request for an application form for extension of user personal area by E-mail, FAX or letter. A copy of the application form attached to this guide may be used for the application.

(2) The operations manager of ILAS & RIS DHF sends an application form for extension of user personal area by E-mail, FAX or letter to the user.

(3) The user receives the application form for extension of user personal area, completes the form and sends it to the person in charge of applications.

(4) The person in charge of applications checks the items entered.

(5) The person in charge of applications completes the application form for extension of user personal area and sends the application for extension of user personal area to the operations manager of ILAS & RIS DHF by E-mail, FAX or letter.

(6) The operations manager of ILAS & RIS DHF receives the application for extension of user personal area.

(7) Manager of ILAS & RIS DHF checks the application for extension of user personal area and approves extension.

In case of a mistake in the application, the person in charge of the application will be informed and he must review it.

(8) The person in charge of operations of ILAS & RIS DHF extends the user personal area.

(9) The operations manager of ILAS & RIS DHF sends a notification of extension of user personal area to the person in charge of the applications by E-mail, FAX or letter.

(10) The person in charge of the applications must comprehend the contents of the notification of extension of user personal area which he has received. He is also responsible for management of the notification.

(11) The user receives a copy of the notification of extension of user personal area and comprehends the contents.

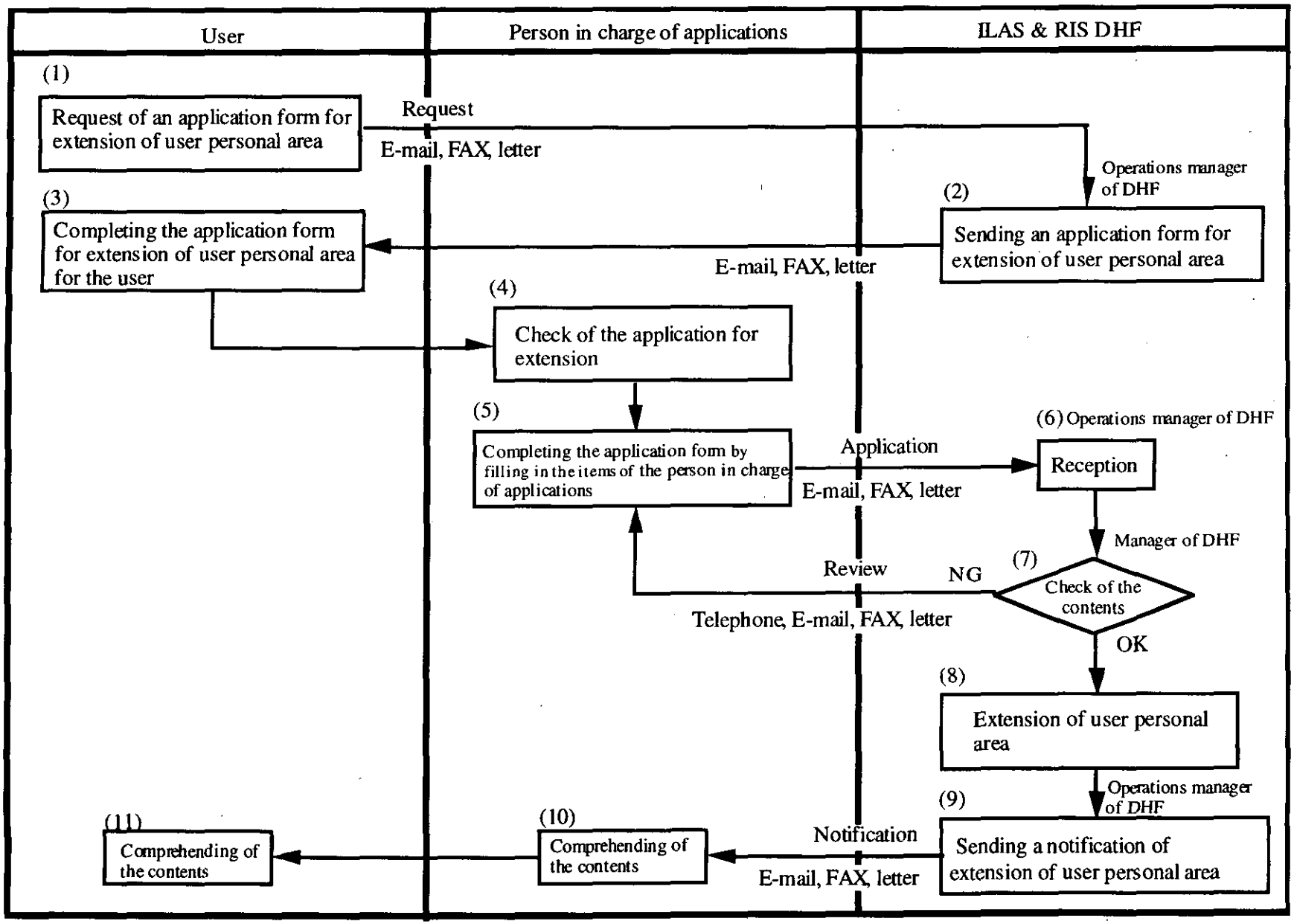


Figure 4.2 Flow of Application for Extension of User Personal Area

4.3 Procedures for Application for Reissuance of a Password (measures to be taken in case of loss of the password)

This application is to be performed when a user has lost his password and wishes to reissue.

The following are procedures for reissuance of a password. (See Figure 4.3.)

(1) A user can request for an application form for reissuance of a password by E-mail, FAX or letter. A copy of the application form attached to this guide may be used for the application.

(2) The operations manager of ILAS & RIS DHF sends an application form for reissuance of a password by E-mail, FAX or letter to the user.

(3) The user receives the application form for reissuance of a password, completes the form and sends it to the operations manager of ILAS & RIS DHF by E-mail, FAX or letter.

(4) The operations manager of ILAS & RIS DHF receives the application.

(5) Manager of ILAS & RIS DHF checks the application for reissuance of a password and approves the reissuance.

In case of a mistake in the application, the user will be informed and must review it.

(6) The person in charge of operations of ILAS & RIS DHF reissues a password.

(7) The operations manager of ILAS & RIS DHF sends a notification of reissuance of a password to the user by E-mail, FAX or letter.

(8) The user receives the notification of reissuance of a password and comprehends the contents.

Note: The application is applied to the password required for "Use of Computer Resources".

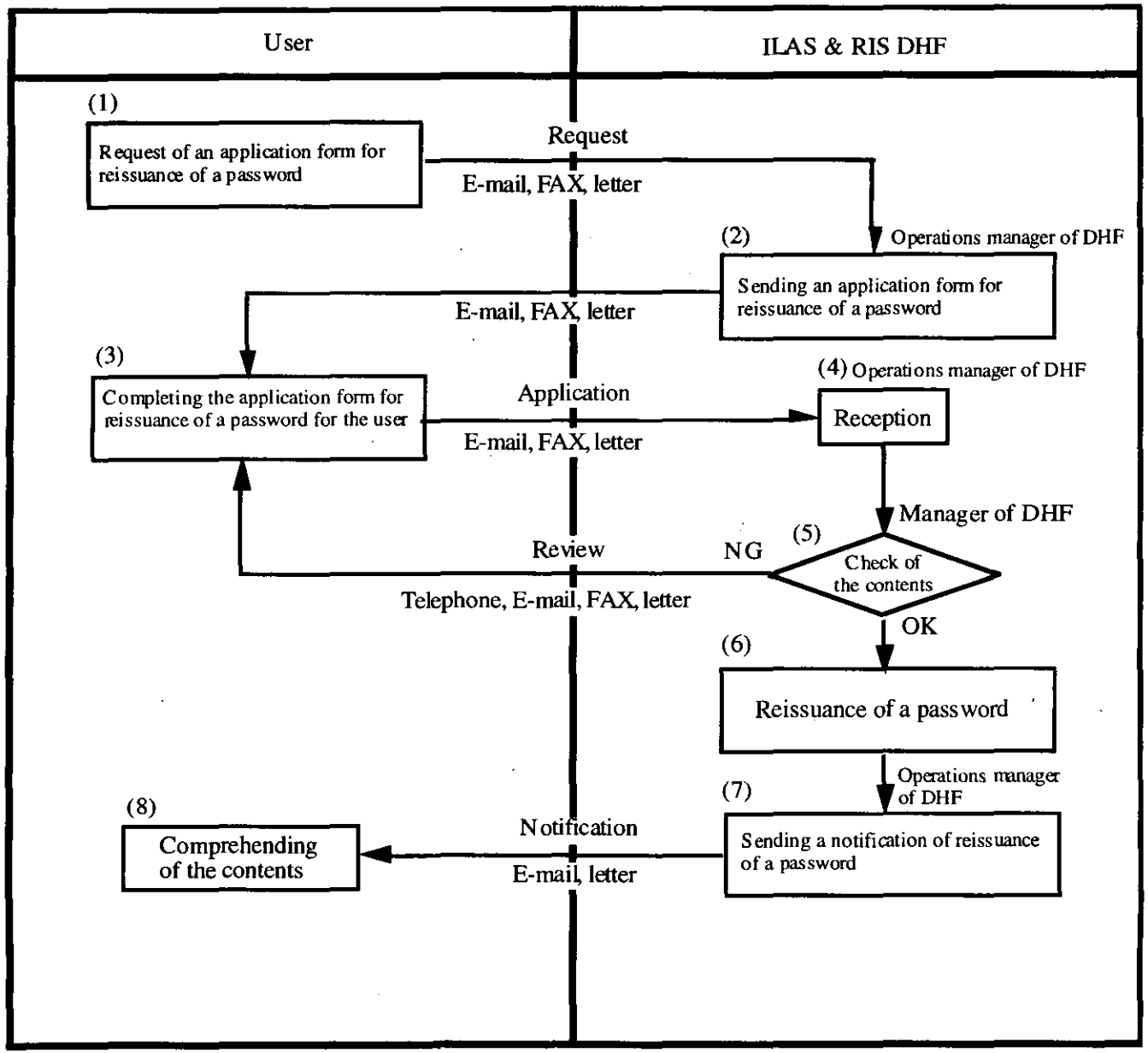


Figure 4.3 Flow of Application for Reissuance of a Password

4.4 Procedures for Application for Restoration of Data in the User Personal Area

The following are procedures for restoration of data in the user personal area. (See Figure 4.4.)

(1) A user can request for an application form for restoration of data in the user personal area by E-mail, FAX or letter. A copy of the application form attached to this guide may be used for the application.

(2) The operations manager of ILAS & RIS DHF sends an application form for restoration of data in the user personal area by E-mail, FAX or letter to the user.

(3) The user receives the application form for restoration of data in the user personal area, completes the form and sends it to the operations manager of ILAS & RIS DHF.

(4) The operations manager of ILAS & RIS DHF receives the application for restoration of data in the user personal area.

(5) Manager of ILAS & RIS DHF checks the application for restoration of data in the user personal area and approves restoration.

In case of a mistake in the application, the user will be informed and must review it.

(6) The person in charge of operations of ILAS & RIS DHF restores the data in the user personal area.

(7) The operations manager of ILAS & RIS DHF sends a notification of restoration of data in the user personal area to the user by E-mail, FAX or letter.

(8) The user receives the notification of restoration of data in the user personal area and comprehends the contents.

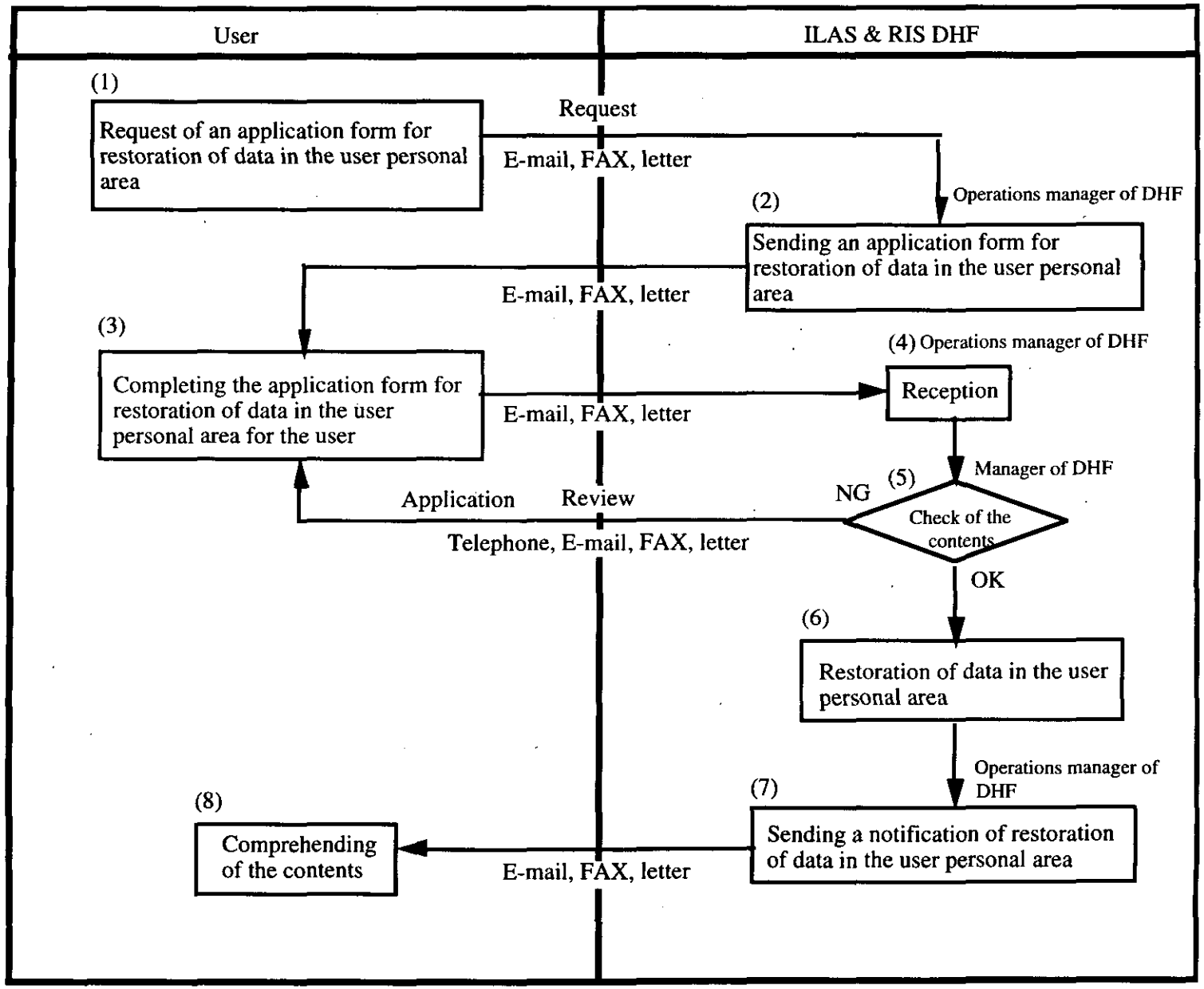


Figure 4.4 Flow of Application for Restoration of Data in the User Personal area

4.5 Procedures for Application for Deletion of the User Account

When finishing the use, it is necessary to apply for deletion of the user account. (See "Note" below.)

The following procedures are for deletion of the user account. (See Figure 4.5.)

(1) A user can request for an application form for deletion of user account by E-mail, FAX or letter. A copy of the application form attached to this guide can be used for application.

(2) The operations manager of ILAS & RIS DHF sends an application form for deletion of user account by E-mail, FAX or letter to the user.

(3) The user receives the application form for deletion of user account, completes the form and sends it to the person in charge of applications.

(4) The person in charge of applications checks the items entered.

(5) The person in charge of applications completes the application form for deletion of user account and sends the application for deletion of user account to the operations manager of ILAS & RIS DHF by E-mail, FAX or letter.

(6) The operations manager of ILAS & RIS DHF receives the application for deletion of user account.

(7) Manager of ILAS & RIS DHF checks the application for deletion of user account and approves deletion.

In case of a mistake in the application, the person in charge of the application will be informed and he must review it.

(8) The person in charge of operations of ILAS & RIS DHF deletes the user account.

(9) The operations manager of ILAS & RIS DHF sends a notification of deletion of user account to the person in charge of the applications by E-mail, FAX or letter.

(10) The person in charge of the applications must comprehend the contents of the notification of deletion of user account which he has received. He is also responsible for management of the notification.

(11) The user receives a copy of the notification of deletion of user account and comprehends the contents.

Note: The following are cases where user account is deleted by DHF for reasons other than application for deletion of user account.

- When the available period of the user account has terminated.
- When the user account has not been used for a year.

In such a case, the user will be notified before deletion.

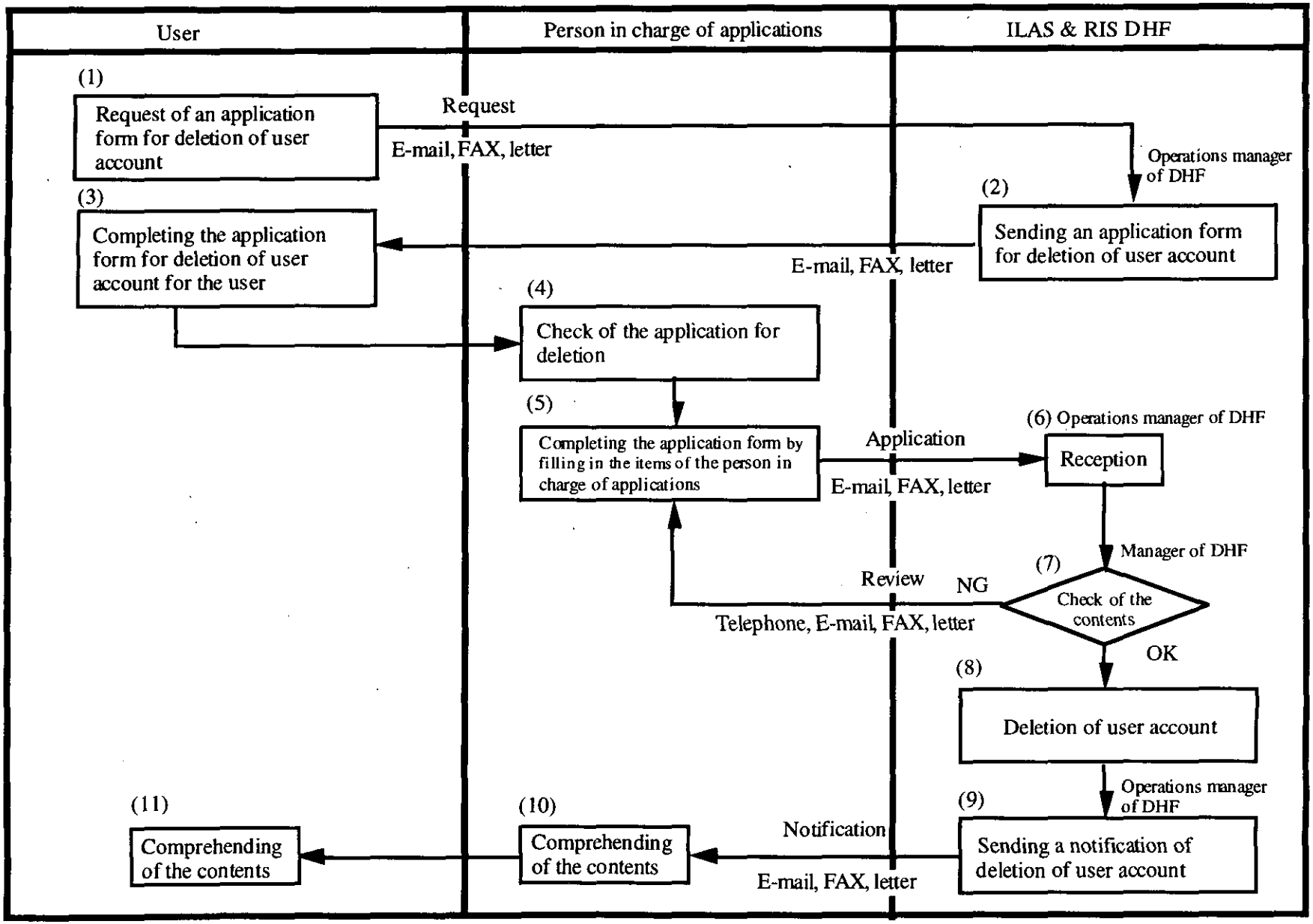


Figure 4.5 Flow of Application for Deletion of User Account

APPENDIX

Details of Various Applications for Use of ILAS & RIS DHF

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6 Various application forms and entry examples A-9

1 Application for user account registration

This application is used to apply for registration of the user account.

1.1 Form of application for user account registration

* Form of application for user account registration for FAX and letter is shown in Form No. V01-SN01.
* Form of application for user account registration for E-mail is shown in Form No. V01-SE01.

1.2 Entry example of application for user account registration

* Entry example of application for user account registration for FAX and letter is shown.
* Entry example of application for user account registration for E-mail is shown.

1.3 Details of entry items of application for user account registration

(1) Blanks to be filled in by the applicant

Blanks to be filled in by the applicant should be filled in by the applicant himself.

* Item (1)-1 Name (Family, First, Middle)
  Enter the user name in the order of family name, first name, and middle name.

* Item (1)-2 (Blank)
  Left for Japanese user: Name in Japanese letters

* Item (1)-3 Organization name or company name
  Enter the name of the organization such as university or the company name which the user belongs to.

* Item (1)-4 Department and section names
  Enter the department and section names which the user belongs to.

* Item (1)-5 Address
  Enter the address of the organization or the company which the user belongs to.

* Item (1)-6 Contact number
  Enter the telephone number, FAX number and E-mail address of the user.

* Item (1)-7 Requested log-in name and password
  Enter the log-in name requested first and the log-in name requested second, and the password to be registered in ILAS & RIS DHF. For log-in name, three to eight characters of lower-case letters of alphabet and numeral letters, starting a lower-case letter of alphabet, can be used. For password, three to eight letters can be used: The letters to be used are capital and lower-case letters of alphabet, numeral letters, and marks of " # $ % & ' ( ) * + , - . / : ; < = > ? @ [¥] ^ _ ` { ¦ } ~ !. which UNIX systems can handle.
  When the name specified as the log-in name desired first has already been used by another user, the log-in name requested second is adopted. When both names are already used by another user, the person in charge of the application will be informed of it to review the log-in name.

* Item (1)-8 Types of use
  Enter "1" only for "Use of computer resources", "2" only for "Use of provision function of ILAS & RIS standard processing data", and "3" for both uses. See Note 1 and 2 of 4.1 for details.

* Item (1)-9 User's personal area size
  Select the desired area size among the items of "Small", "Middle" and "Large" for each of AIX environment and Solaris environment. When having selected "Large", enter the desired area size, too.

* Item (1)-10 Period of use of the user account
  Enter the period during which the applied user account is used.

* Item (1)-11 Contents of the work
  Enter the work summary to explain for what purpose ILAS & RIS DHF will be used.

* Item (1)-12 Registration of mailing list
  Select whether to become a mailing list member of ILAS & RIS DHF or not.

* Item (1)-13 Remarks
  Enter requests with regards to use of ILAS & RIS DHF if any.

(2) Blanks to be filled in by the person in charge of the application

Blanks to be filled in by the person in charge of the application should be filled in by the person in charge of the application himself.

* Item (2)-1 Name (Family, First, Middle)
  Enter the name of the person in charge of the application in the order of family name, first name, and middle name.

* Item (2)-2 (Blank)
  Left for Japanese user: Name in Japanese letters

* Item (2)-3 Organization name or company name
  Enter the name of the organization such as university or the company name which the person in charge of the application belongs to.

* Item (2)-4 Department and section names
  Enter the department and section names which the person in charge of the application belongs to.

* Item (2)-5 Address
  Enter the address of the organization or the company which the person in charge of the application belongs to.

* Item (2)-6 Contact number
  Enter the telephone number, FAX number and E-mail address of the person in charge of the application.

Note: (3) and (4) of the form of application for user account registration will be filled in by the ILAS & RIS DHF side.

2 Application for extension of user's personal area

This application is used to apply for extension of user's personal area.

2.1 Form of application for extension of user's personal area

* Form of application for extension of user's personal area for FAX and letter is shown in Form No. V01-SN02.
* Form of application for extension of user's personal area for E-mail is shown in Form No. V01-SE02.

2.2 Entry example of application for extension of user's personal area

* Entry example of application for extension of user's personal area for FAX and letter is shown.
* Entry example of application for extension of user's personal area for E-mail is shown.

2.3 Details of entry items of application for extension of user's personal area

(1) Blanks to be filled in by the user

Blanks to be filled in by the user should be filled in by the user himself.

* Item (1)-1 Name (Family, First, Middle)
  Enter the user name in the order of family name, first name, and middle name.

* Item (1)-2 (Blank)
  Left for Japanese user: Name in Japanese letters

* Item (1)-3 Organization name or company name
  Enter the name of the organization such as university or the company name which the user belongs to.

* Item (1)-4 Department and section names
  Enter the department and section names which the user belongs to.

* Item (1)-5 Address
  Enter the address of the organization or the company which the user belongs to.

* Item (1)-6 Contact number
  Enter the telephone number, FAX number and E-mail address of the user.

* Item (1)-7 User log-in name
  Enter the log-in name of the user who wants to extend the area.

* Item (1)-8 Requested area size to be extended
  Enter the size of the user's personal area to be extended for AIX environment and for Solaris environment respectively.

* Item (1)-9 Reason for extension
  Enter the reason why extension of area is necessary.

(2) *Blanks to be filled in by the person in charge of the application*

Blanks to be filled in by the person in charge of the application should be filled in by the person in charge of the application himself.

* Item (2)-1 Name (Family, First, Middle)
  Enter the name of the person in charge of the application in the order of family name, first name, and middle name.

* Item (2)-2 (Blank)
  Left for Japanese user: Name in Japanese letters

* Item (2)-3 Organization name or company name
  Enter the name of the organization such as university or the company name which the person in charge of the application belongs to.

* Item (2)-4 Department and section names
  Enter the department and section names which the person in charge of the application belongs to.

* Item (2)-5 Address
  Enter the address of the organization or the company which the person in charge of the application belongs to.

* Item (2)-6 Contact number
  Enter the telephone number, FAX number and E-mail address of the person in charge of the application.

3 Application for reissue of a password

This application is used to apply for reissue of a password.

3.1 Form of application for reissue of a password

* Form of application for reissue of a password for FAX and letter is shown in Form No. V01-SN03.
* Form of application for reissue of a password for E-mail is shown in Form No. V01-SE03.

3.2 Entry example of application for reissue of a password

* Entry example of application for reissue of a password for FAX and letter is shown.
* Entry example of application for reissue of a password for E-mail is shown.

3.3 Details of entry items of application for reissue of a password

(1) Blanks to be filled in by the user

Blanks to be filled in by the user should be filled in by the user himself.

* Item 1 Name (Family, First, Middle)
  Enter the user name in the order of family name, first name, and middle name.

* Item 2 (Blank)
  Left for Japanese user: Name in Japanese letters

* Item 3 Organization name or company name
  Enter the name of the organization such as university or the company name which the user belongs to.

* Item 4 Department and section names
  Enter the department and section names which the user belongs to.

* Item 5 Address
  Enter the address of the organization or the company which the user belongs to.

* Item 6 Contact number
  Enter the telephone number, FAX number and E-mail address of the user.

* Item 7 User log-in name
  Enter the log-in name for which a password will be reissued.

* Item 8 Reason for loss
  Enter the reason why the password has been lost.

4 Application for restoration of data in the user's personal area

This application is used to apply for restoration of data in the user's personal area.

4.1 Form of application for restoration of data in the user's personal area

* Form of application for restoration of data in the user's personal area for FAX and letter is shown in Form No. V01-SN04.
* Form of application for restoration of data in the user's personal area for E-mail is shown in Form No. V01-SE04.

4.2 Entry example of application for restoration of data in the user's personal area

* Entry example of application for restoration of data in the user's personal area for FAX and letter is shown.
* Entry example of application for restoration of data in the user's personal area for E-mail is shown.

4.3 Details of entry items of application for restoration of data in the user's personal area

(1) Blanks to be filled in by the user

Blanks to be filled in by the user should be filled in by the user himself.

* Item 1 Name (Family, First, Middle)
  Enter the user name in the order of family name, first name, and middle name.

* Item 2 (Blank)
  Left for Japanese user: Name in Japanese letters

* Item 3 Organization name or company name
  Enter the name of the organization such as university or the company name which the user belongs to.

* Item 4 Department and section names
  Enter the department and section names which the user belongs to.

* Item 5 Address
  Enter the address of the organization or the company which the user belongs to.

* Item 6 Contact number
  Enter the telephone number, FAX number and E-mail address of the user.

* Item 7 User log-in name
  Enter the log-in name of the user who requires restoration.

* Item 8 Environment to be restored
  Select the environment to be restored between AIX environment and Solaris environment.

* Item 9 Area name/file name to be restored and data size
  Enter the absolute path file name to be restored and its data size.

* Item 10 Reason for restoration of the data
  Enter the reason why restoration is necessary.

5 Application for deletion of user account

This application is used to apply for deletion of user account.

5.1 Form of application for deletion of user account

* Form of application for deletion of user account for FAX and letter is shown in Form No. V01-SN05.
* Form of application for deletion of user account for E-mail is shown in Form No. V01-SE05.

5.2 Entry example of application for deletion of user account

* Entry example of application for deletion of user account for FAX and letter is shown.
* Entry example of application for deletion of user account for E-mail is shown.

5.3 Details of entry items of application for deletion of user account

(1) Blanks to be filled in by the user

Blanks to be filled in by the user should be filled in by the user himself.

* Item (1)-1 Name (Family, First, Middle)
  Enter the user name in the order of family name, first name, and middle name.

* Item (1)-2 (Blank)
  Left for Japanese user: Name in Japanese letters

* Item (1)-3 Organization name or company name
  Enter the name of the organization such as university or the company name which the user belongs to.

* Item (1)-4 Department and section names
  Enter the department and section names which the user belongs to.

* Item (1)-5 Address
  Enter the address of the organization or the company which the user belongs to.

* Item (1)-6 Contact number
  Enter the telephone number, FAX number and E-mail address of the user.

* Item (1)-7 User log-in name
  Enter the log-in name of the user to be deleted.

* Item (1)-8 Date for deletion
  Enter the date when the user account is to be deleted.

(2) Blanks to be filled in by the person in charge of the application

Blanks to be filled in by the person in charge of the application should be filled in by the person in charge of the application himself.

* Item (2)-1 Name (Family, First, Middle)
  Enter the name of the person in charge of the application in the order of family name, first name, and middle name.

* Item (2)-2 (Blank)
  Left for Japanese user: Name in Japanese letters

* Item (2)-3 Organization name or company name
  Enter the name of the organization such as university or the company name which the person in charge of the application belongs to.

* Item (2)-4 Department and section names
  Enter the department and section names which the person in charge of the application belongs to.

* Item (2)-5 Address
  Enter the address of the organization or the company which the person in charge of the application belongs to.

* Item (2)-6 Contact number
  Enter the telephone number, FAX number and E-mail address of the person in charge of the application.

6 Various application forms and entry examples

Form No.V01-SN01

To Manager of ILAS & RIS DHF, Date:

Application for User Account Registration (for FAX and letter)

I agree to utilize the ILAS & RIS DHF system only for the purpose of the research approved in advance and apply for the registration of the user account.

(1) *Blanks to be filled in by the applicant*

1	Name (Family, First, Middle)				
2	(Blank)				
3	Organization name or company name				
4	Department and section names				
5	Address				
6	Contact number	TEL:		FAX:	
		E-mail:			
7	Requested log-in name and password	log-in name	First request: Second request:	password:	
8	Types of use	1. Use of computer resources	2. Use of provision function of ILAS & RIS standard processing data	3. Both uses of No.1 & 2	Selection:
9	User's personal area size (home area)	Fill the following fields when the type of use selected is 1 or 3	AIX environment: Small (10 MB), Middle (60 MB), Large (MB)		Selection:
			Solaris environment: Small (10 MB), Middle (20 MB), Large (MB)		Selection:
10	Period of use of the user account	From to			
11	Contents of the work				
12	Registration of mailing list (Japanese version)	1. To be registered 2. Not to be registered	Selected number:		
13	Remarks				

(2) Blanks to be filled in by the person in charge of the application

1	Name (Family, First, Middle)		
2	(Blank)		
3	Organization name or company name		
4	Department and section names		
5	Address		
6	Contact number	TEL:	FAX:
		E-mail:	

----------To be filled in by ILAS & RIS DHF----------

(3) Membership category the person in charge of the application falls into

☐ ILAS Project Staff	☐ JRA-PIs: ILAS data use only
☐ ILAS Science Team	☐ JRA-PIs: Multiple sensor data use including ILAS data
☐ ILAS Validation Experiment Team: Core	☐ ILAS Project Advisory Committee
☐ ILAS Validation Experiment Team: Cooperative	☐ RIS
☐ Others ( )	

(4) *Group which the user account belongs to*

1	Group name	

No.	Manager of ILAS & RIS DHF

Form No. V01-SE01

To Manager of ILAS & RIS DHF,
Date:

Application for User Account Registration (for E-mail)

I agree to utilize the ILAS & RIS DHF system only for the purpose of the research approved in advance and apply for the registration of the user account.

(1) Blanks to be filled in by the applicant

1 Name (Family, First, Middle):
2 (Blank)
3 Organization name or company name:
4 Department and section names:
5 Address:
6 Contact number TEL: FAX:
E-mail:
7 Requested log-in name and password
log-in name: First request: Second request:
password:
8 Types of use
1. Use of computer resources
2. Use of provision function of ILAS& RIS standard processing data
3. Both uses of No.1 & 2 :
Selection:
9 User's personal area size (home area)
(Fill the following fields when the type of use selected is 1 or 3)
AIX environment
Small (10 MB), Middle (60 MB), Large (MB)
Selection:
Solaris environment
Small (10 MB), Middle (20 MB), Large (MB)
Selection:
10 Period of use of the user account: From to
11 Contents of the work:
12 Registration of mailing list (Japanese version) 1. To be registered 2. Not to be registered
Selected number:
13 Remarks:

(2) Blanks to be filled in by the person in charge of the application

1 Name (Family, First, Middle):
2 (Blank)
3 Organization name or company name:
4 Department and section names:
5 Address:
6 Contact number TEL: FAX:
E-mail:

----------To be filled in by ILAS & RIS DHF----------

(3) Membership category the person in charge of the application falls into

( ) ILAS Project Staff
( ) ILAS Science Team
( ) ILAS Validation Experiment Team: Core
( ) ILAS Validation Experiment Team: Cooperative
( ) JRA-PIs: ILAS data use only
( ) JRA-PIs: Multiple sensor data use including ILAS data
( ) ILAS Project Advisory Committee
( ) RIS
( ) Others ( )

(4) Group which the user account belongs to

1 Group name:

No.:
Manager of ILAS & RIS DHF:

Entry Example

※ The half-tone dot mesh areas indicate an entry.

Form No.V01-SN01

To Manager of ILAS & RIS DHF,

Date: October 10, 1998

Application for User Account Registration (for FAX and letter)

I agree to utilize the ILAS & RIS DHF system only for the purpose of the research approved in advance and apply for the registration of the user account.

(1) Blanks to be filled in by the applicant

1	Name (Family, First, Middle)	Holton, Richard S			
2	(Blank)				
3	Organization name or company name	Sakura University			
4	Department and section names	Information Technology Course, Department of Technology			
5	Address	3-2-1 Tamato, Tsukuba, Ibaraki 305, Japan			
6	Contact number	TEL: +81-9999-99-9999	FAX: +81-9999-99-9999		
		E-mail: holton@sakura.ac.jp			
7	Requested log-in name	log-in name	First request: holton Second request: richard	password: hosizora	
8	Types of use	1. Use of computer resources	2. Use of provision function of ILAS & RIS standard processing data	3. Both uses of No.1 & 2	Selection:3
9	User's personal area size (home area)	Fill the following fields when the type of use selected is 1 or 3	AIX environment: Small (10 MB), Middle (60 MB), Large (MB)		Selection:Middle
			Solaris environment: Small (10 MB), Middle (20 MB), Large (MB)		Selection:Small
10	Period of use of the user account	From December 1, 1998 to June 30, 2003			
11	Contents of the work	Programming for ILAS simulator and data creation			
12	Registration of mailing list (Japanese version)	1. To be registered 2. Not to be registered	Selected number: 2		
13	Remarks				

(2) Blanks to be filled in by the person in charge of the application

1	Name (Family, First, Middle)	Yamada, Ichirou	
2	(Blank)		
3	Organization name or company name	Sakura University	
4	Department and section names	Information Technology Course, Department of Technology	
5	Address	3-2-1 Tamato, Tsukuba, Ibaraki 305, Japan	
6	Contact number	TEL: +81-9999-99-9999	FAX: +81-9999-99-9999
		E-mail: yamada@sakura.ac.jp	

----------To be filled in by ILAS & RIS DHF----------

(3) Membership category the person in charge of the application falls into

☐ ILAS Project Staff	☐ JRA-PIs: ILAS data use only
☐ ILAS Science Team	☐ JRA-PIs: Multiple sensor data use including ILAS data
☐ ILAS Validation Experiment Team: Core	☐ ILAS Project Advisory Committee
☐ ILAS Validation Experiment Team: Cooperative	☐ RIS
☐ Others ( )	

(4) Group which the user account belongs to

1	Group name	

No.	Manager of ILAS & RIS DHF

Entry Example

※ The half-tone dot mesh areas indicate an entry.
Form No. V01-SE01

To Manager of ILAS & RIS DHF,
Date: October 10, 1998

Application for User Account Registration (for E-mail)

I agree to utilize the ILAS & RIS DHF system only for the purpose of the research approved in advance and apply for the registration of the user account.

(1) Blanks to be filled in by the applicant

1 Name (Family, First, Middle): Holton, Richard S.
2 (Blank)
3 Organization name or company name: Sakura University
4 Department and section names: Information Technology Course, Department of Technology
5 Address: 3-2-1 Tamato, Tsukuba, Ibaraki 305, Japan
6 Contact number TEL: +81-9999-99-9999 FAX: +81-9999-99-9999
E-mail: holton@sakura.ac.jp
7 Requested log-in name and password: log-in name: First request: holton Second request: richard
password:hosizora
8 Types of use 1. Use of computer resources
2. Use of provision function of ILAS& RIS standard processing data
3. Both uses of No.1 & 2
Selection: 3
9 User's personal area size (home area) AIX environment
(Fill the following fields when the type of use selected is 1 or 3) Small (10 MB), Middle (60 MB), Large (MB)
Selection: Middle
Solaris environment
Small (10 MB), Middle (20 MB), Large (MB)
Selection: Small
10 Period of use of the user account: From December 1, 1998 to June 30, 2003
11 Contents of the work: Programming for ILAS simulator and data creation
12 Registration of mailing list (Japanese version) 1. To be registered 2. Not to be registered
Selected number: 2
13 Remarks:

(2) Blanks to be filled in by the person in charge of the application

1 Name (Family, First, Middle): Yamada, Ichirou
2 (Blank)
3 Organization name or company name: Sakura University
4 Department and section names: Information Technology Course, Department of Technology
5 Address: 3-2-1 Tamato, Tsukuba, Ibaraki 305, Japan
6 Contact number TEL: +81-9999-99-9999 FAX: +81-9999-99-9999
E-mail: yamada@sakura.ac.jp

----------To be filled in by ILAS & RIS DHF----------

(3) Membership category the person in charge of the application falls into

( ) ILAS Project Staff
( ) ILAS Science Team
( ) ILAS Validation Experiment Team: Core
( ) ILAS Validation Experiment Team: Cooperative
( ) JRA-PIs: ILAS data use only
( ) JRA-PIs: Multiple sensor data use including ILAS data
( ) ILAS Project Advisory Committee
( ) RIS
( ) Others ( )

(4) Group which the user account belongs to

1 Group name:

No.:
Manager of ILAS & RIS DHF:

Form No. V01-SN02

To Manager of ILAS & RIS DHF, Date:

Application for Extension of User's Personal Area (for FAX and letter)

(1) Blanks to be filled in by the user

1	Name (Family, First, Middle)			
2	(Blank)			
3	Organization name or company name			
4	Department and section names			
5	Address			
6	Contact number	TEL:	FAX:	
		E-mail:		
7	User log-in name			
8	Requested area size to be extended (bytes)	AIX environment	Requested:	MB
		Solaris environment	Requested:	MB
9	Reason for extension			

(2) Blanks to be filled in by the person in charge of the application

1	Name (Family, First, Middle)		
2	(Blank)		
3	Organization name or company name		
4	Department and section names		
5	Address		
6	Contact number	TEL:	FAX:
		E-mail:	

No.	Manager of ILAS & RIS DHF

Form No. V01-SE02

To Manager of ILAS & RIS DHF,
Date:

Application for Extension of User's Personal Area (for E-mail)

(1) Blanks to be filled in by the user
1 Name (Family, First, Middle):
2 (Blank)
3 Organization name or company name:
4 Department and section names:
5 Address:
6 Contact number TEL: FAX:
E-mail:
7 User log-in name:
8 Requested area size to be extended (bytes)
AIX environment Requested: MB
Solaris environment Requested: MB
9 Reason for extension:

(2) Blanks to be filled in by the person in charge of the application
1 Name (Family, First, Middle):
2 (Blank)
3 Organization name or company name:
4 Department and section names:
5 Address:
6 Contact number TEL: FAX:
E-mail:

No.:
Manager of ILAS & RIS DHF:

Entry Example

※ The half-tone dot mesh areas indicate an entry.

Form No. V01-SN02

To Manager of ILAS & RIS DHF, Date: July 1, 1999

Application for Extension of User's Personal Area (for FAX and letter)

(1) Blanks to be filled in by the user

1	Name (Family, First, Middle)	Holton, Richard S.		
2	(Blank)			
3	*Organization name* or company name	Sakura University		
4	Department and section names	Information Technology Course, Department of Technology		
5	Address	3-2-1 Tamato, Tsukuba, Ibaraki 305, Japan		
6	Contact number	TEL: +81-9999-99-9999	FAX: +81-9999-99-9999	
		E-mail: holton@sakura.ac.jp		
7	User log-in name	holton		
8	Requested area size to be extended (bytes)	AIX environment	Requested: 50 MB	
		Solaris environment	Requested: 10 MB	
9	Reason for extension	Above disk space is necessary for studying the change in temperature and atmospheric pressure with UKMO data		

(2) Blanks to be filled in by the person in charge of the application

1	Name (Family, First, Middle)	Yamada, Ichirou		
2	(Blank)			
3	Organization name or company name	Sakura University		
4	Department and section names	Information Technology Course, Department of Technology		
5	Address	3-2-1 Tamato, Tsukuba, Ibaraki 305, Japan		
6	Contact number	TEL: +81-9999-99-9999	FAX: +81-9999-99-9999	
		E-mail: yamada@sakura.ac.jp		

No.	Manager of ILAS & RIS DHF

Entry Example

※ The half-tone dot mesh areas indicate an entry.

Form No. V01-SE02

To Manager of ILAS & RIS DHF,

Date: July 1, 1999

Application for Extension of User's Personal Area (for E-mail)

(1) Blanks to be filled in by the user

1 Name (Family, First, Middle): Holton, Richard S.

2 (Blank)

3 Organization name or company name: Sakura University

4 Department and section names: Information Technology Course, Department of Technology

5 Address: 3-2-1 Tamato, Tsukuba, Ibaraki 305, Japan

6 Contact number TEL: +81-9999-99-9999 FAX: +81-9999-99-9999

E-mail: holton@sakura.ac.jp

7 User log-in name: holton

8 Requested area size to be extended (bytes)

AIX environment Requested: 50 MB

Solaris environment Requested: 10 MB

9 Reason for extension: Above disk space is necessary for studying the change in temperature and atmospheric pressure with UKMO data

(2) Blanks to be filled in by the person in charge of the application

1 Name (Family, First, Middle): Yamada, Ichirou

2 (Blank)

3 Organization name or company name: Sakura University

4 Department and section names: Information Technology Course, Department of Technology

5 Address: 3-2-1 Tamato, Tsukuba, Ibaraki 305, Japan

6 Contact number TEL: +81-9999-99-9999 FAX: +81-9999-99-9999

E-mail: yamada@sakura.ac.jp

No.:

Manager of ILAS & RIS DHF:

Form No. V01-SN03

To Manager of ILAS & RIS DHF, Date:

Application for Reissue of a Password (for FAX and letter)

I apply for reissuance of a password because the password of the user account has been lost.

Blanks to be filled in by the user

1	Name (Family, First, Middle)		
2	(Blank)		
3	Organization name or company name		
4	Department and section names		
5	Address		
6	Contact number	TEL:	FAX:
		E-mail:	
7	User log-in name		
8	Password requested (Maximum: 8 characters)		
9	Reason for loss		

No.	Manager of ILAS & RIS DHF

Form No. V01-SE03

To Manager of ILAS & RIS DHF,
Date:

Application for Reissue of a Password (for E-mail)

I apply for reissuance of a password because the password of the user account has been lost.

Blanks to be filled in by the user

1 Name (Family, First, Middle):
2 (Blank)
3 Organization name or company name:
4 Department and section names:
5 Address:
6 Contact number TEL: FAX:
E-mail:
7 User log-in name:
8 Password requested:
(Maximum: 8 characters)
9 Reason for loss:

No.:
Manager of ILAS & RIS DHF:

Entry Example

※ The half-tone dot mesh areas indicate an entry

Form No. V01-SN03

To Manager of ILAS & RIS DHF,

Date: July 7, 2001

Application for Reissue of a Password (for FAX and letter)

I apply for reissuance of a password because the password of the user account has been lost.

Blanks to be filled in by the user

1	Name (Family, First, Middle)	Holton, Richard S.	
2	(Blank)		
3	Organization name or company name	Sakura University	
4	Department and section names	Information Technology Course, Department of Technology	
5	Address	3-2-1 Tamato, Tsukuba, Ibaraki 305, Japan	
6	Contact number	TEL: +81-9999-99-9999	FAX: +81-9999-99-9999
		E-mail: holton@sakura.ac.jp	
7	User log-in name	holton	
8	Password requested (Maximum: 8 characters)	hosizora	
9	Reason for loss	I forgot the password for my account	

No.	Manager of ILAS & RIS DHF

Entry Example

※ The half-tone dot mesh areas indicate an entry.

Form No. V01-SE03

To Manager of ILAS & RIS DHF,
Date: July 7, 2001

Application for Reissue of a Password (for E-mail)

I apply for reissuance of a password because the password of the user account has been lost.

Blanks to be filled in by the user

1 Name (Family, First, Middle): Holton, Richard S.
2 (Blank)
3 Organization name or company name: Sakura University
4 Department and section names: Information Technology Course, Department of Technology
5 Address: 3-2-1 Tamato, Tsukuba, Ibaraki 305, Japan
6 Contact number TEL: +81-9999-99-9999 FAX: +81-9999-99-9999
E-mail: holton@sakura.ac.jp
7 User log-in name: holton
8 Password requested: hoshizora
(Maximum: 8 characters)
9 Reason for loss: I forgot the password for my account

No.:
Manager of ILAS & RIS DHF:

Form No. V01-SN04

To Manager of ILAS & RIS DHF, Date:

Application for Restoration of Data in the User's Personal Area (for FAX and letter)

Blanks to be filled in by the user

1	Name (Family, First, Middle)			
2	(Blank)			
3	Organization name or company name			
4	Department and section names			
5	Address			
6	Contact number	TEL:	FAX:	
		E-mail:		
7	User log-in name			
8	Environment to be restored	1. AIX environment 2. Solaris environment	Selected number:	
9	Area name/file name to be restored and data size	AIX environment	Area name/file name to be restored (absolute path):	
			Data amount:	
		Solaris environment	Area name/file name to be restored (absolute path):	
			Data amount:	
10	Reason for restoration of the data			

No.	Manager of ILAS & RIS DHF

Form No. V01-SE04

To Manager of ILAS & RIS DHF,
Date:

Application for Restoration of Data in the User's Personal Area (for E-mail)

Blanks to be filled in by the user

1 Name (Family, First, Middle):
2 (Blank)
3 Organization name or company name:
4 Department and section names:
5 Address:
6 Contact number TEL: FAX:
E-mail:
7 User log-in name:
8 Environment to be restored 1. AIX environment 2. Solaris environment
Selected number:
9 Area name/file name to be restored and data size
AIX environment
Area name/file name to be restored
(absolute path):
Data amount:
Solaris environment
Area name/file name to be restored
(absolute path):
Data amount:
10 Reason for restoration of the data:

No.:
Manager of ILAS & RIS DHF:

Entry Example

※ *The half-tone dot mesh areas indicate an entry.*

Form No. V01-SN04

To Manager of ILAS & RIS DHF, Date:

Application for Restoration of Data in the User's Personal Area (for FAX and letter)

Blanks to be filled in by the user

1	Name (Family, First, Middle)	Holton, Richard S.		
2	(Blank)			
3	*Organization name or* company name	Sakura University		
4	Department and section names	Information Technology Course, Department of Technology		
5	Address	3-2-1 Tamato, Tsukuba, Ibaraki 305, Japan		
6	Contact number	TEL: +81-9999-99-9999	FAX: +81-9999-99-9999	
		E-mail: holton@sakura.ac.jp		
7	User log-in name	holton		
8	Environment to be restored	1. AIX environment 2. Solaris environment	Selected number: 1	
9	Area name/file name to be restored and data size	AIX environment	Area name/file name to be restored (absolute path)	
			: /home/holton/testdata	
			Data amount: 3 MB	
		Solaris environment	Area name/file name to be restored (absolute path):	
			Data amount:	
10	Reason for restoration of the data	The data was deleted by mistake.		

No.	Manager of ILAS & RIS DHF

Entry Example

※ The half-tone dot mesh areas indicate an entry.
Form No. V01-SE04

To Manager of ILAS & RIS DHF,
Date: September 1, 1999

Application for Restoration of Data in the User's Personal Area (for E-mail)

Blanks to be filled in by the user

1 Name (Family, First, Middle): Holton, Richard S.
2 (Blank)
3 Organization name or company name: Sakura University
4 Department and section names: Information Technology Course, Department of Technology
5 Address: 3-2-1 Tamato, Tsukuba, Ibaraki 305, Japan
6 Contact number TEL: +81-9999-99-9999 FAX: +81-9999-99-9999
E-mail: holton@sakura.ac.jp
7 User log-in name: holton
8 Environment to be restored 1. AIX environment 2. Solaris environment
Selected number: 1
9 Area name/file name to be restored and data size
AIX environment
Area name/file name to be restored
(absolute path): /home/holton/testdata
Data amount: 3 MB
Solaris environment
Area name/file name to be restored
(absolute path):
Data amount:
10 Reason for restoration of the data: The data was deleted by mistake.

No.:
Manager of ILAS & RIS DHF:

Form No. V01-SN05

To Manager of ILAS & RIS DHF, Date:

Application for Deletion of User Account (for FAX and letter)

I apply for deletion of the user account below because use of ILAS & RIS DHF has become unnecessary.

(1) Blanks to be filled in by the user

1	Name (Family, First, Middle)		
2	(Blank)		
3	Organization name or company name		
4	Department and section names		
5	Address		
6	Contact number	TEL:	FAX:
		E-mail:	
7	User log-in name		
8	Date for deletion		

(2) Blanks to be filled in by the person in charge of the application

1	Name (Family, First, Middle)		
2	(Blank)		
3	Organization name or company name		
4	Department and section names		
5	Address		
6	Contact number	TEL:	FAX:
		E-mail:	

No.	Manager of ILAS & RIS DHF

Form No. V01-SE05

To Manager of ILAS & RIS DHF,
Date:

Application for Deletion of User Account (for E-mail)

I apply for deletion of the user account below because use of ILAS & RIS DHF has become unnecessary.

(1) Blanks to be filled in by the user

1 Name (Family, First, Middle):
2 (Blank)
3 Organization name or company name:
4 Department and section names:
5 Address:
6 Contact number TEL: FAX:
E-mail:
7 User log-in name:
8 Date for deletion:

(2) Blanks to be filled in by the person in charge of the application

1 Name (Family, First, Middle):
2 (Blank)
3 Organization name or company name:
4 Department and section names:
5 Address:
6 Contact number TEL: FAX:
E-mail:

No.:
Manager of ILAS & RIS DHF:

Entry Example

* The half-tone dot mesh areas indicate an entry.

Form No. V01-SN05

To Manager of ILAS & RIS DHF,

Date: June 20, 2000

Application for Deletion of User Account (for FAX and letter)

I apply for deletion of the user account below because use of ILAS & RIS DHF has become unnecessary.

(1) Blanks to be filled in by the user

1	Name (Family, First, Middle)	Holton, Richard S	
2	(Blank)		
3	Organization name or company name	Sakura University	
4	Department and section names	Information Technology Course, Department of Technology	
5	Address	3-2-1 Tamato, Tsukuba, Ibaraki 305, Japan	
6	Contact number	TEL: +81-9999-99-9999	FAX: +81-9999-99-9999
		E-mail: holton@sakura.ac.jp	
7	User log-in name	holton	
8	Date for deletion	July 1, 2000	

(2) Blanks to be filled in by the person in charge of the application

1	Name (Family, First, Middle)	Yamada, Ichirou	
2	(Blank)		
3	Organization name or company name	Sakura University	
4	Department and section names	Information Technology Course, Department of Technology	
5	Address	1-10-15 Tamato, Tsukuba, Ibaraki 305, Japan	
6	Contact number	TEL: +81-9999-99-9999	FAX: +81-9999-99-9999
		E-mail: yamada@sakura.ac.jp	

No.	*Manager of ILAS & RIS DHF*

Entry Example

* The half-tone dot mesh areas indicate an entry.

Form No. V01-SE05

To Manager of ILAS & RIS DHF,
Date: June 20, 2002

Application for Deletion of User Account (for E-mail)

I apply for deletion of the user account below because use of ILAS & RIS DHF has become unnecessary.

(1) Blanks to be filled in by the user
1 Name (Family, First, Middle): Holton, Richard S.
2 (Blank)
3 Organization name or company name: Sakura University
4 Department and section names: Information Technology Course, Department of Technology
5 Address: 3-2-1 Tamato, Tsukuba, Ibaraki 305, Japan
6 Contact number TEL: +81-9999-99-9999 FAX: +81-9999-99-9999
E-mail: holton@sakura.ac.jp
7 User log-in name: holton
8 Date for deletion: July 1, 2002

(2) Blanks to be filled in by the person in charge of the application
1 Name (Family, First, Middle): Yamada, Ichirou
2 (Blank)
3 Organization name or company name: Sakura University
4 Department and section names: Information Technology Course, Department of Technology
5 Address: 3-2-1 Tamato, Tsukuba, Ibaraki 305, Japan
6 Contact number TEL: +81-9999-99-9999 FAX: +81-9999-99-9999
E-mail: yamada@sakura.ac.jp

No.:
Manager of ILAS & RIS DHF: