[LAN cable REPLACEMENT PROCESSING - RLAN]

REP(RLAN)01-10

First, replace the LAN cable to be replaced. If the restoration fails even after the LAN cable is replaced, replace the LAN cable kit.

1. Connecting the Maintenance PC
   Connect the Maintenance PC to the SSVP, and then log in to the SVP.
   • "Attachment/Removal Procedure of Maintenance PC" (INST(IN)13-02-10)
   • "Connection to the SVP" (SVP01-30)

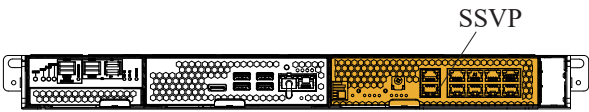2. Starting the SVP window
   From the menu of Web Console, click [Maintenance Components] - [Maintenance Other Components].
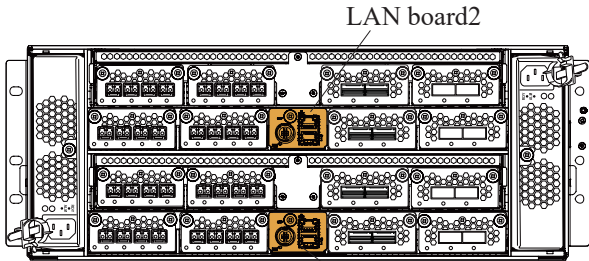
3. Changing the operation mode
   Change the mode to [Modify Mode].

4. LAN Cable Replacement Processing

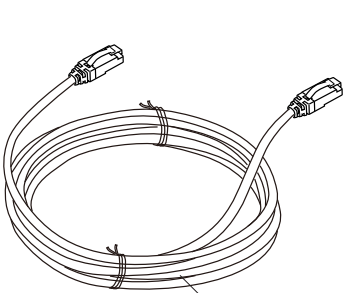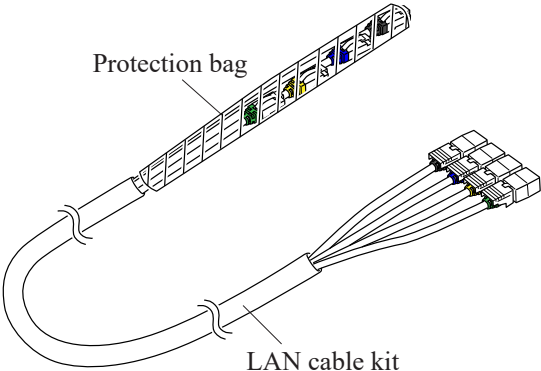| Location		Function Name of Component	Part Name
Front of HSNBX Rear of DKC	1	LAN cable	• LAN cable (0.6 m) • LAN cable (5 m) • LAN cable (10 m) • LAN cable (20 m) • LAN cable (30 m) • LAN cable (100 m)
	2	LAN cable kit	• LAN cable kit

SSVP

Front view of HSNBX-y

LAN board2

LAN board1

Rear view of DKC-x

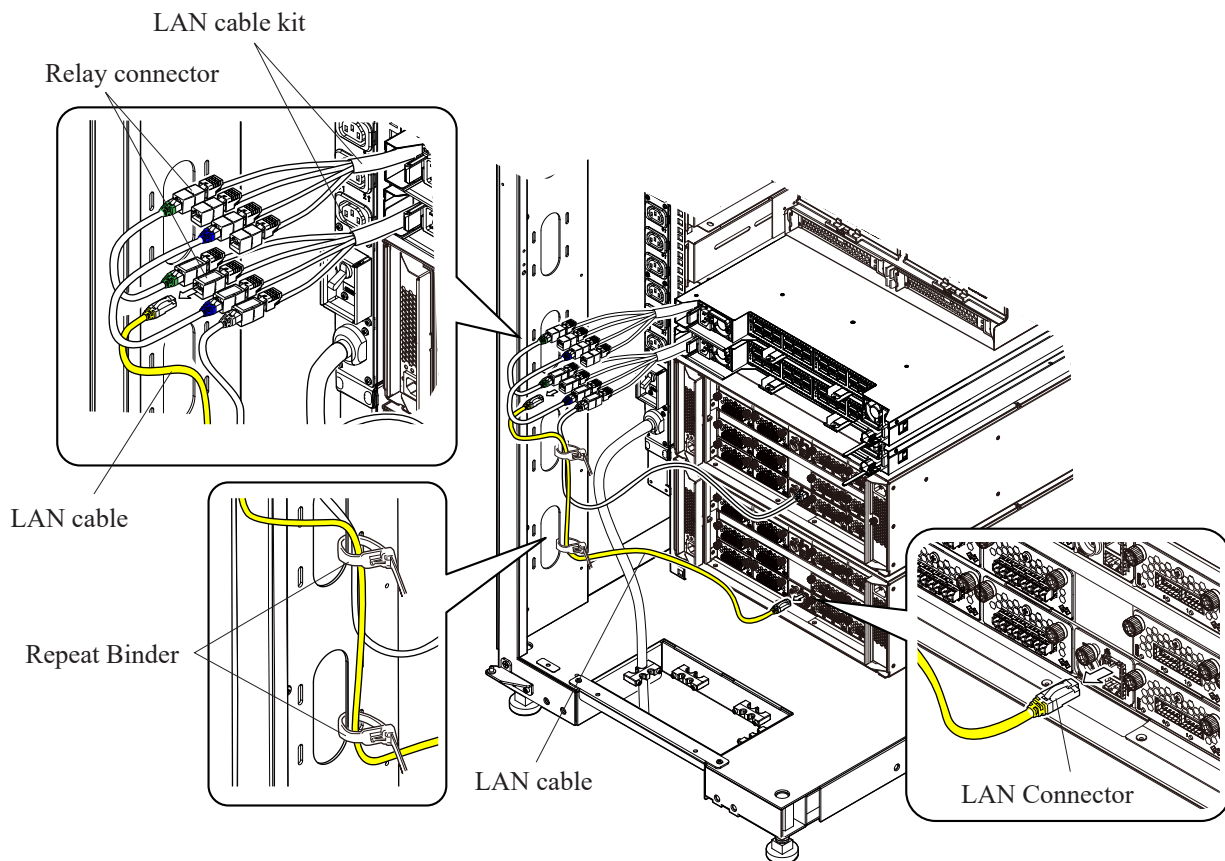LAN cable

LAN cable kit

Protection bag

LAN cable

LAN cable kit

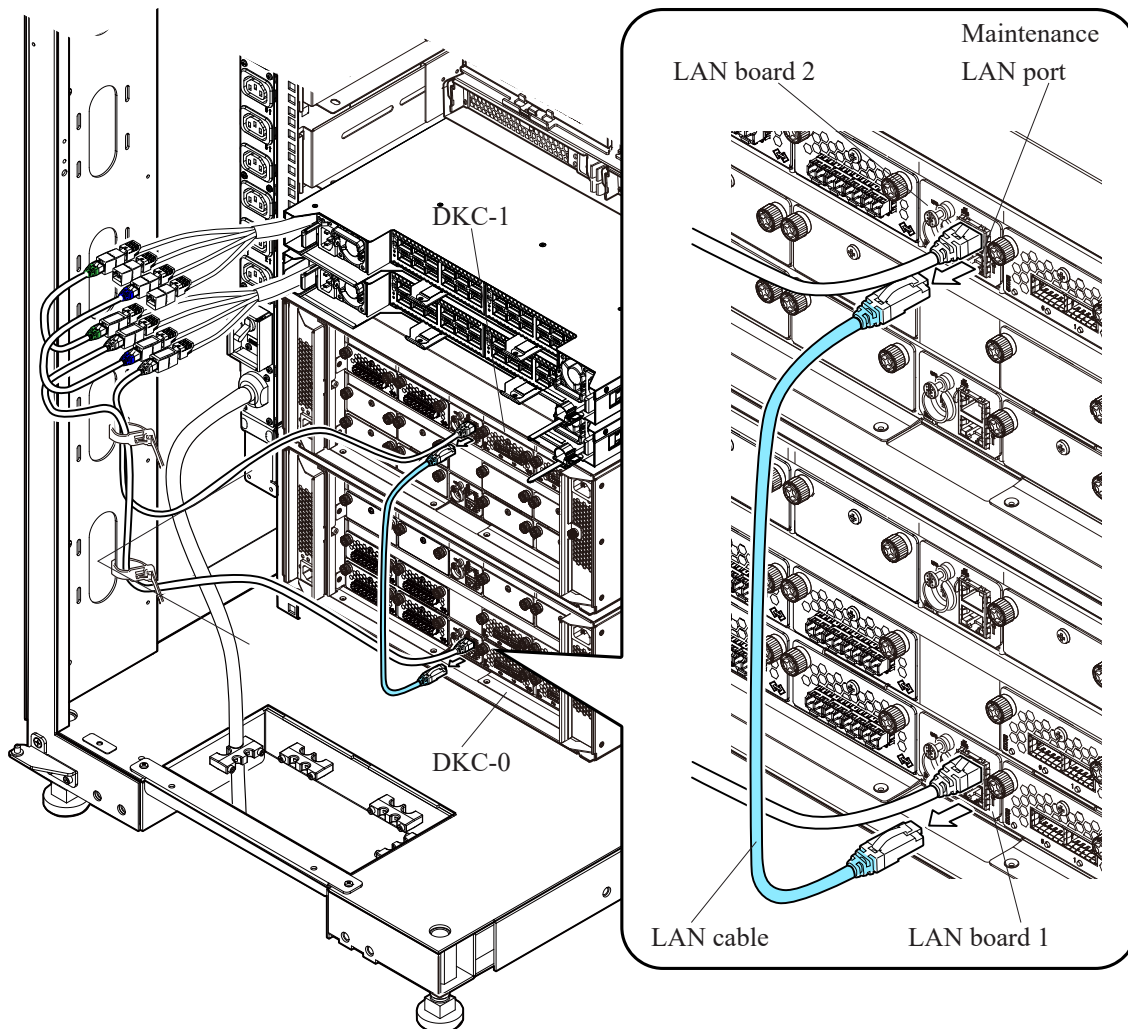| NOTICE:	To prevent part failures caused by static electrical charge built up on your own body, be sure to wear a wrist strap connected to the Storage System before starting and do not take it off until you finish. See "Note on Installing and Removing Parts" (REP(GE)01-30).

(1)   Remove the LAN cable
   • When replacing the LAN cable between the LAN cable kit and DKC
   (a)   Unbind the repeat binders fastening the LAN cables to loosen the LAN cables.
   (b)   Disconnect the LAN cable to be replaced from the LAN board in the DKC.
   (c)   Disconnect the LAN cable to be replaced from the relay connector of the LAN cable kit.
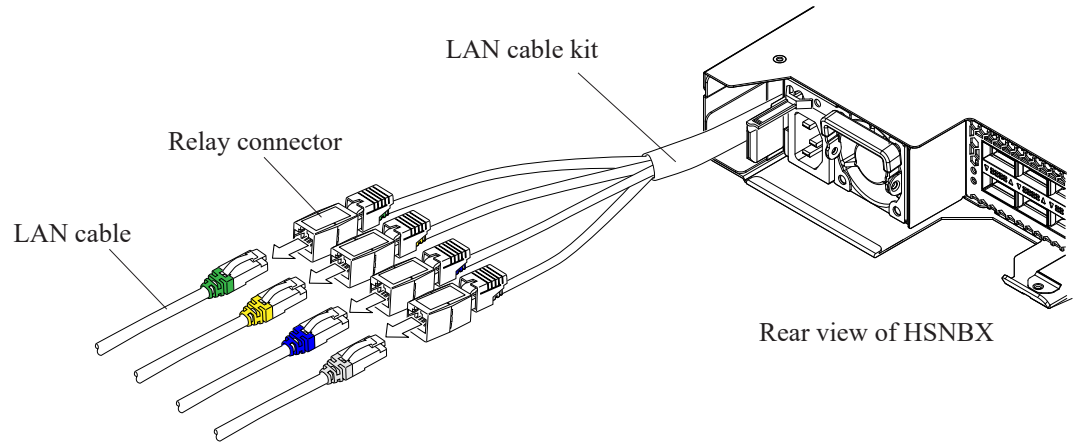
Figure 1-1 Removing LAN Cable (Example)

- When replacing the LAN cable between DKC-0 and DKC-1 (VSP 5100 and 5100H only)

(a) Disconnect the LAN cable to be replaced from the LAN board 1(Maintenance LAN port) in the DKC-0.

(b) Disconnect the LAN cable to be replaced from the LAN board 2(Maintenance LAN port) in the DKC-1.
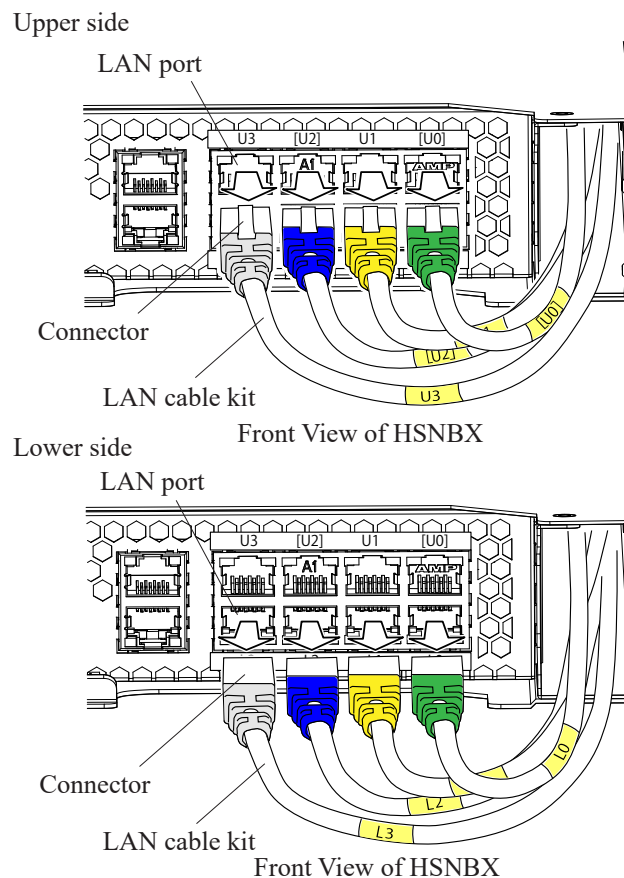
Figure 1-2 Removing LAN Cable (Example)

- When replacing the LAN cable kit

(a) Disconnect all LAN cables from the relay connectors of the LAN cable kit.

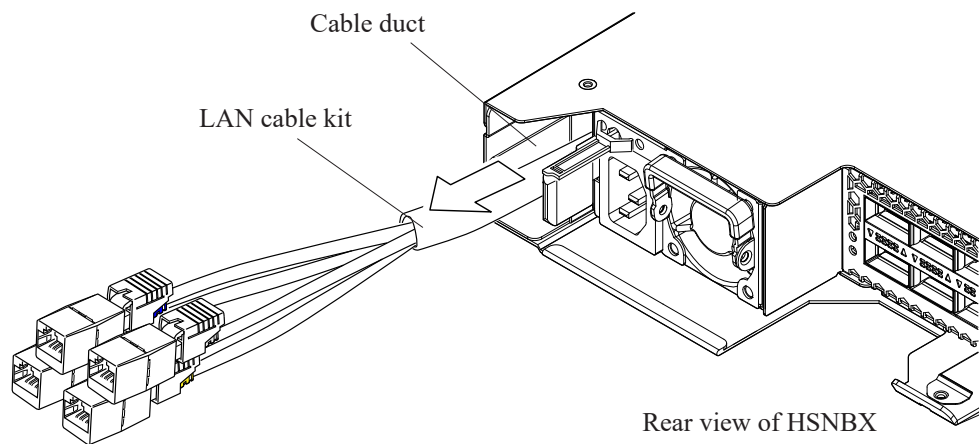Figure 1-3 Disconnecting LAN Cables from LAN Cable Kit

(b) Disconnect all the connectors of the LAN cable kit from the LAN ports on the SSVP in the front part of the HSNBX.

Figure 1-4 Disconnecting LAN Cables from SSVP in HSNBX

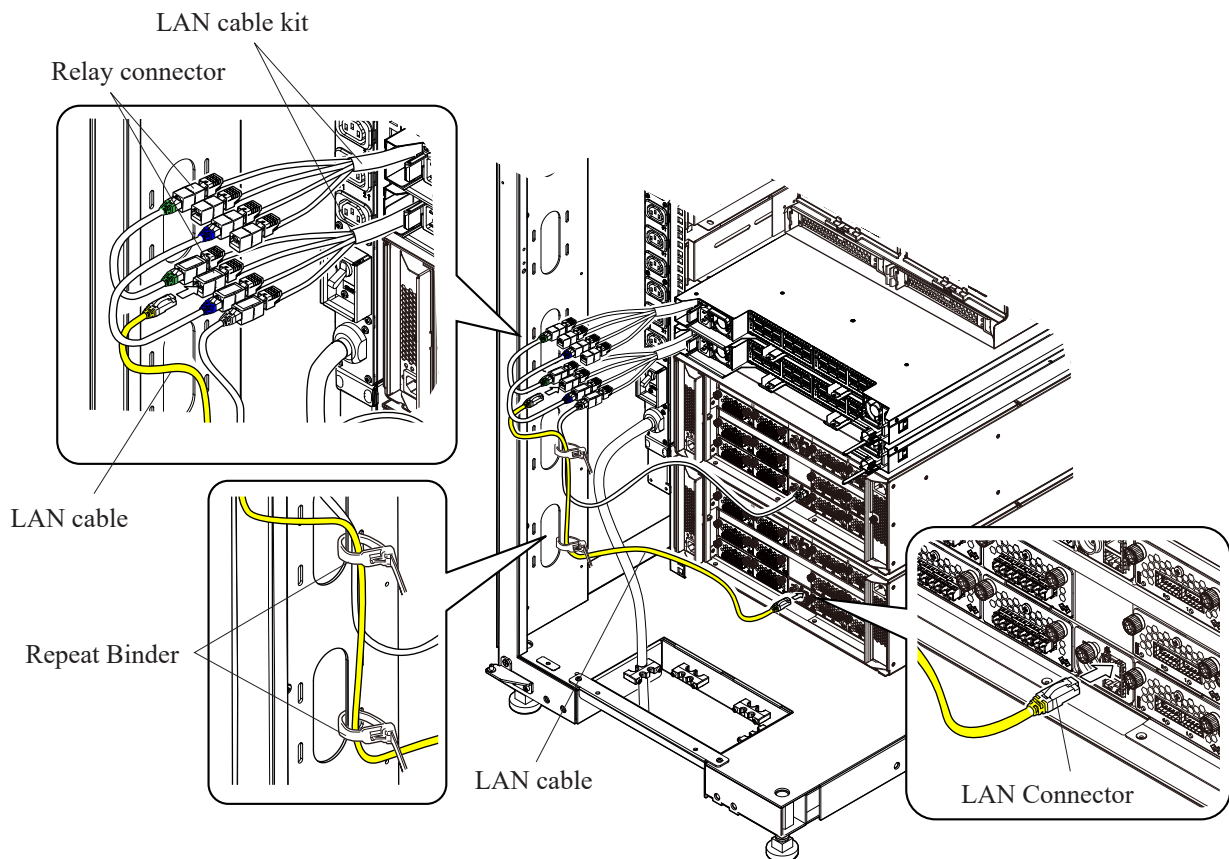(c) Remove the LAN cable kit by pulling it out from the cable duct opening on the rear side of the HSNBX.

Figure 1-5 Removing LAN Cable Kit

Cable duct

LAN cable kit

Rear view of HSNBX

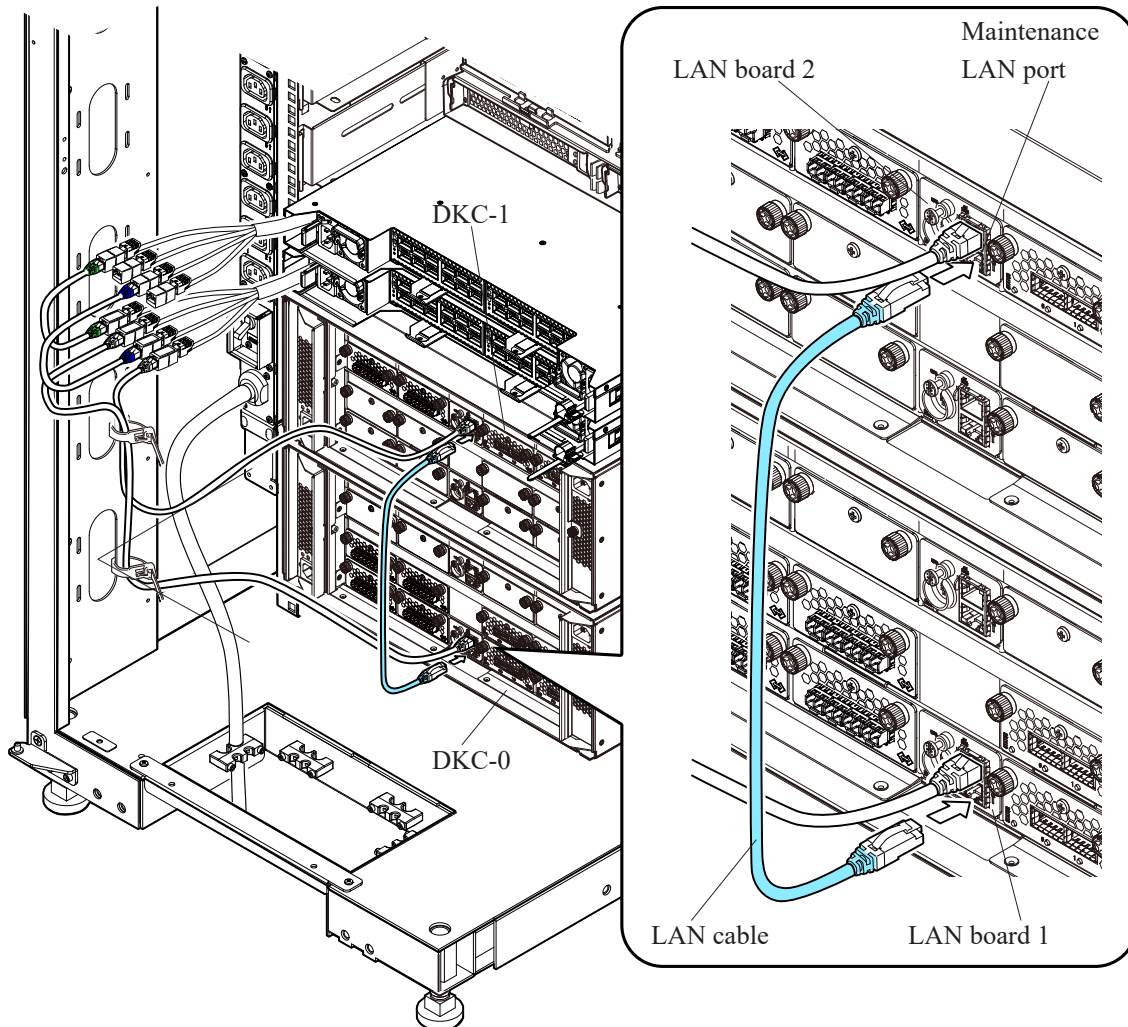| NOTICE:	Never insert metal or the like into a cable connector because doing so might cause a short circuit in the cable.

(2) Connect the LAN cable
- In the case that the LAN cable between the LAN cable kit and DKC was replaced
(a) Connect the LAN cable to the relay connector of the LAN cable kit.
(b) Connect the LAN cable to the LAN board in the DKC.
(c) Route the LAN cables, and then fix them with the repeat binders.
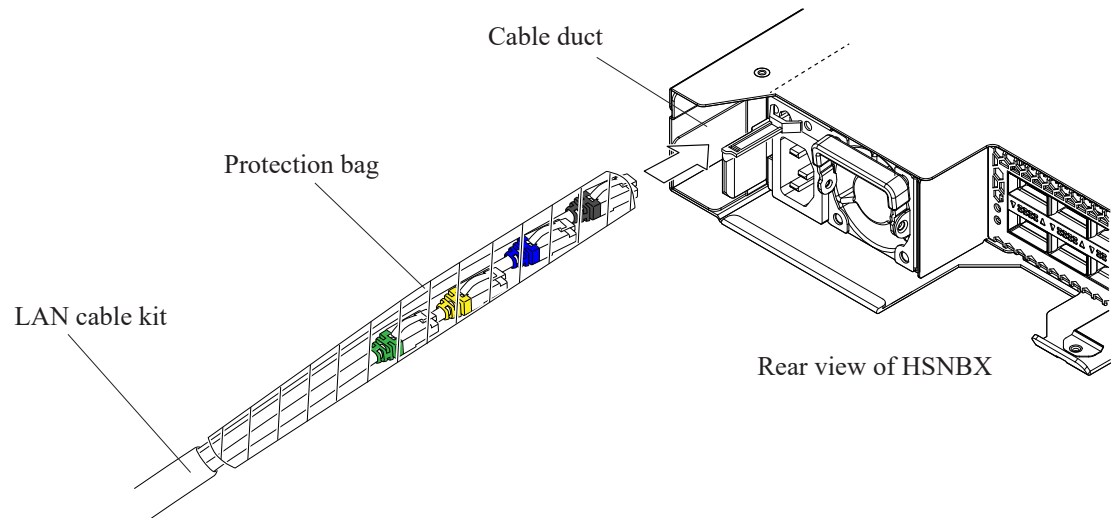
Figure 1-6 Connecting LAN Cable (Example)

- In the case that the LAN cable between DKC-0 and DKC-1 was replaced (VSP 5100 and 5100H only)

(a) Connect the LAN cable to the LAN board 1 (Maintenance LAN port) in the DKC-0.

(b) Connect the LAN cable to the LAN board 2 (Maintenance LAN port) in the DKC-1.
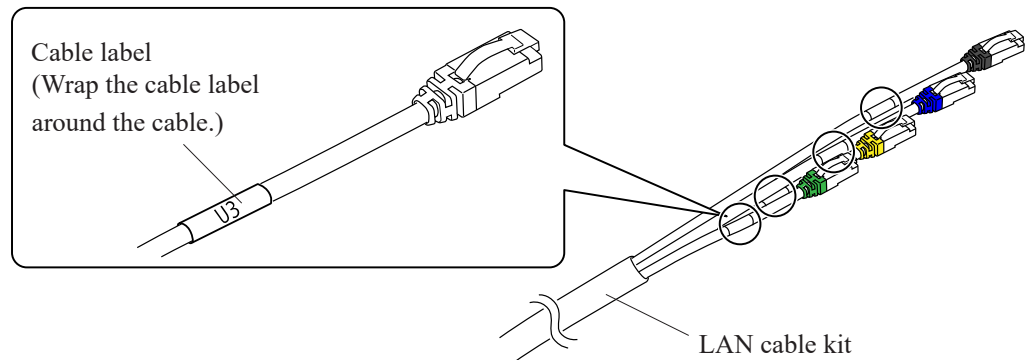
Figure 1-7 Removing LAN Cable (Example)

• In the case that the LAN cable kit was replaced

(a) Pass the new LAN cable kit through the cable duct in the left corner of the back side of the HSNBX to the front side.
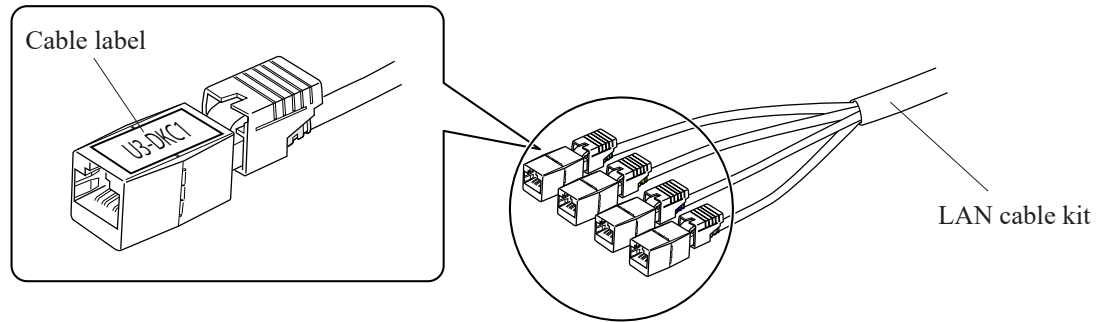
Figure 1-8 Passing LAN Cable Kit

(b) Remove the protection bag from the LAN cable kit, and then attach the same cable labels as those on the cables of the removed LAN cable kit to the cables of the new LAN cable kit.

Figure 1-9 Attachment of Cable label

(c) Connect the connectors of the LAN cable kit to the LAN ports on the SSVP. (Refer to Figure 1-4.)

(d) Attach the same cable labels as those on the relay connectors of the removed LAN cable kit to the relay connectors of the new LAN cable kit.
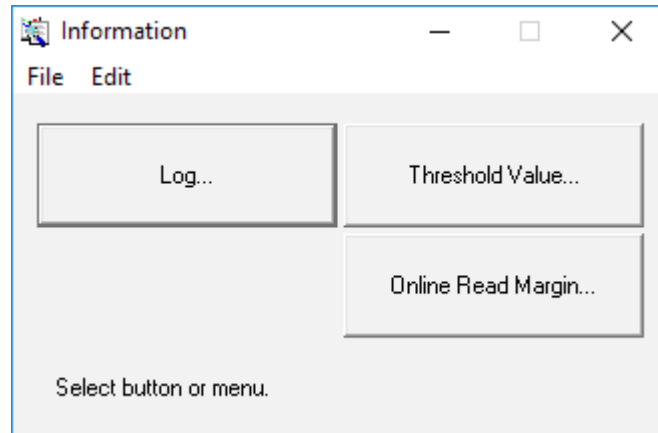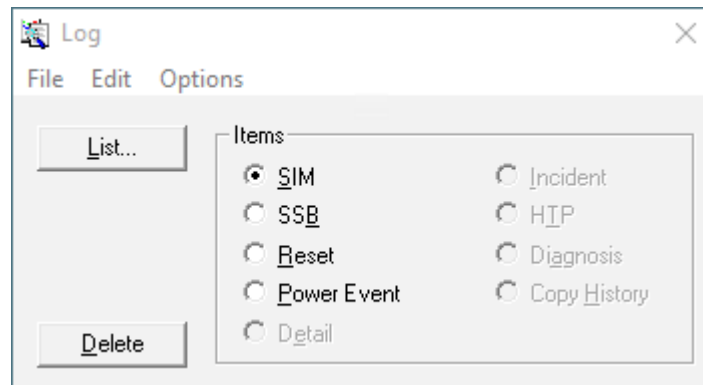
Figure 1-10 Attachment of Cable label

(e) Connect the LAN cables to the relay connectors of the LAN cable kit. (Refer to Figure 1-3.)
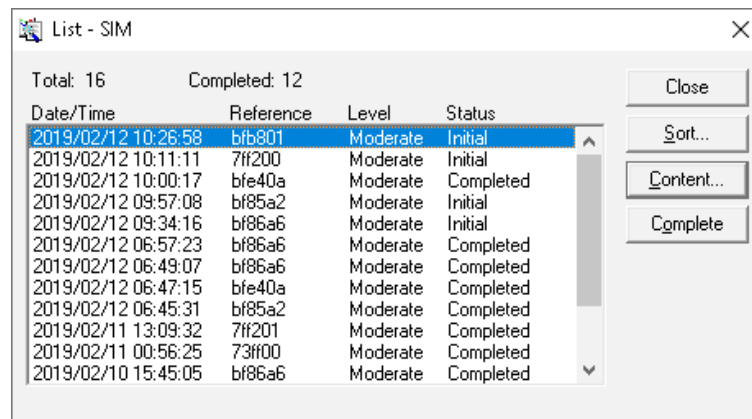
5. Completing the SIM log

    (1) Change the mode to [Modify Mode], and then select [Information].

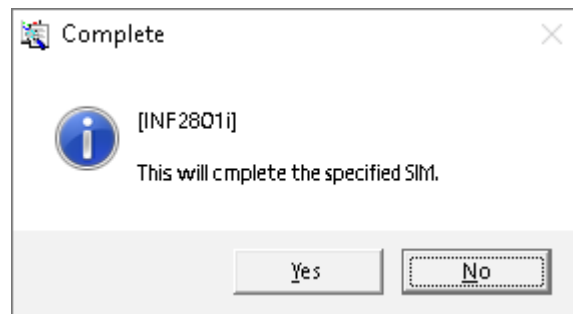   (2) In the Information window, click [Log...].

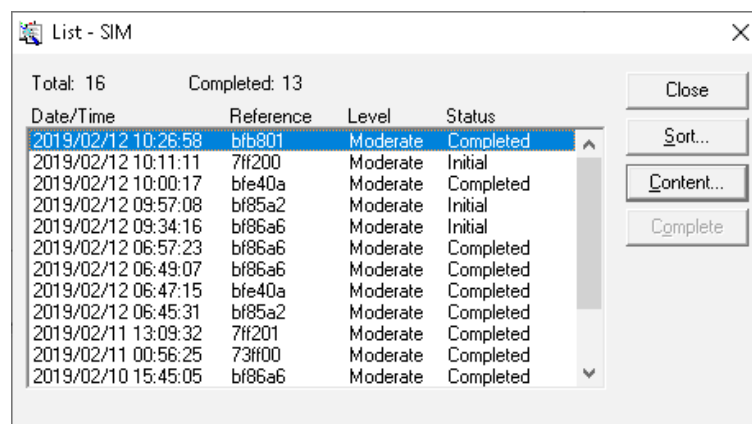   (3) In the Log window, select [SIM] and then [List...].

    (4) In the List-SIM window, select the data for which you end the process, and then click [Complete].

(5) In the Complete window, click [Yes].

(6) In the List-SIM window, confirm that the "Status" of the data has become "Completed".

(7) In the List-SIM window, click [Close].
Close the Log window, then the Information window.
Change the mode from [Modify Mode] to [View Mode].

NOTE: If the MESSAGE LED is lit on the HSNPANEL after you complete all SIMs, display
SIMs to check that SIM statuses are "Completed". If SIM statuses are not "Completed",
wait for five minutes, and then perform the procedure for completing the SIM log
again.

6. Checking Normality
Perform the normality check according to "Checking Normality (TRBL02-06-10)".

7. Executing LAN Check
Perform a diagnosis of LAN Check (DIAG03-10).
When there is an error, perform "Recovery Procedure for Error Parts Detected by LAN Check"
(TRBL02-04-440).