

Appendix 4

4-1

Check Items			Check Points		
Large Items	Middle Items	Small Items			
Administration	Workflow	Internal workflow	<input type="checkbox"/>	Examine workflow at the 2 exchanges.	
			<input type="checkbox"/>	Examine staff at HASTC and HSTC after integration.	
		External workflow	<input type="checkbox"/>		
		Evaluation/Management	How to evaluate and manage	<input type="checkbox"/>	Examine management at the 2 exchanges, especially at Depository Section.
			Transition work		
			Rules	<input type="checkbox"/>	Make rules and operation manuals after integration.
			Training	<input type="checkbox"/>	Examine training program (plans, trainers, trainees, and curriculum)
				<input type="checkbox"/>	Order terminal equipment for training.
				<input type="checkbox"/>	Implement training.
			Media	<input type="checkbox"/>	Deliver important documents and boxes.
			Notes to related organizations and users	<input type="checkbox"/>	Discuss when and how to transit sensitive accounts.
				<input type="checkbox"/>	Discuss when and how to transit money accounts (if necessary).
				<input type="checkbox"/>	Examine how to notify changes and effective date.
			<input type="checkbox"/>	Examine procedures for the change.	
			<input type="checkbox"/>	Examine how to support users' work for the change.	

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Check Items			Check Points		
Large Items	Middle Items	Small Items			
System specifications	System Functions	System functions	<input type="checkbox"/>	Comprehend structures and functions of systems at the 2 exchanges.	
			<input type="checkbox"/>	Examine relationship between monitoring and information systems at the 2 exchanges.	
			<input type="checkbox"/>	Examine when to stop adding new functions at current systems.	
			Necessity of relay systems	<input type="checkbox"/>	Examine how to integrate.
				<input type="checkbox"/>	Examine how to integrate completely.
			Functions of relay systems	<input type="checkbox"/>	Examine functions of relay systems.
				<input type="checkbox"/>	Examine interface between systems at the 2 exchanges.
			File specifications	<input type="checkbox"/>	Comprehend master and transaction files.
				<input type="checkbox"/>	Examine re-definitions and integration of the account number and codes for institutional investors, securities companies, transaction types, operations, internal system, and files.
				<input type="checkbox"/>	
		Performance/Capacity	Estimation of performance and capacity	<input type="checkbox"/>	Compute current and future traffic and capacity at the 2 exchanges.
				<input type="checkbox"/>	Analyze concentration of investors after the integration of the 2 exchanges.
				<input type="checkbox"/>	Compute traffic of relay systems.
				<input type="checkbox"/>	Implement tuning.
		Security measures	Security measures	<input type="checkbox"/>	Examine security measures of integrated system (facilities, technology, and operation).
				<input type="checkbox"/>	Examine security measures of relay system (facilities, technology, and operation).
				<input type="checkbox"/>	Examine plans at the 2 exchanges.
				<input type="checkbox"/>	Make security manuals.
			<input type="checkbox"/>	Implement training.	
	Operation/Maintenance	Operation/Maintenance	<input type="checkbox"/>	Examine and make operation rules including relay systems.	
			<input type="checkbox"/>	Implement operation training.	
			<input type="checkbox"/>	Monitor current systems.	

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Check Items			Check Point
Large Items	Middle Items	Small Items	
	Transition system	How to transit	<input type="checkbox"/> Determine how to integrate servers.
			<input type="checkbox"/> Determine how to integrate terminal systems.
			<input type="checkbox"/> Confirm requirements and issues in transitioning securities settlement functions.
			<input type="checkbox"/> Examine how to transit databases.
			<input type="checkbox"/> Examine how to switch terminal systems.
			<input type="checkbox"/> Examine how to switch operation environment.
		Handling of existing data	<input type="checkbox"/> Examine necessity of using and/or saving existing data.
			<input type="checkbox"/> Examine how to save media, etc.
		Transition design	<input type="checkbox"/> Examine how to operate.
			<input type="checkbox"/> Examine how to manage schedule.
			<input type="checkbox"/> Examine how to validate.
			<input type="checkbox"/> Estimate transition time.
			<input type="checkbox"/> Make transition schedule.
			<input type="checkbox"/> Make transition manuals.
			<input type="checkbox"/> Implement transition rehearsal.
			<input type="checkbox"/> Review transition schedule and manuals.
			<input type="checkbox"/> Examine requests to the 2 exchanges and explain.
		Transition work	<input type="checkbox"/> Examine how to manage progress.
			<input type="checkbox"/> Examine how to communicate between the 2 exchanges.
			<input type="checkbox"/> Examine how to cope with unexpected events.

4-4

Check Items			Check Point	
Large Items	Middle Items	Small Items		
Software	Application/ Internal data	Application development	<input type="checkbox"/> Examine what language(s) to use and how to validate programs in integrated systems.	
	Software environment	Basic software structure	<input type="checkbox"/> Examine OS, control programs including DB, utilities, etc.	
		Make software environment	<input type="checkbox"/> Construct environment for development, test, etc.	
			<input type="checkbox"/> Examine how to manage environmental definition.	
Hardware	Equipment including computers	Function integration system (servers)	<input type="checkbox"/> Examine equipment structure after transition and select equipment.	
			<input type="checkbox"/> Examine how to switch hardware from current system.	
			<input type="checkbox"/> Examine unnecessary equipment.	
			Client terminal equipment	<input type="checkbox"/> Examine development equipment such as increase in CPU, DESK, and development terminal.
				<input type="checkbox"/> Examine necessary measures to client terminals such as remodeling.
				<input type="checkbox"/> Examine structure of client terminals.
				<input type="checkbox"/> Clarify changes and request to makers.
	Facilities	Computer center	<input type="checkbox"/> Examine schedule of selection, order, and delivery date of equipment.	
			<input type="checkbox"/> Examine how to switch client terminals.	
	Network	Internal network at HASTO	<input type="checkbox"/> Examine equipment layout.	
			<input type="checkbox"/> Examine construction schedule of A/C units, power supplies, equipment, etc.	
			<input type="checkbox"/> Examine spaces for staff and materials.	
			External network	<input type="checkbox"/> Examine internal network structure.
			<input type="checkbox"/> Arrange communication channels.	
			<input type="checkbox"/> Examine how to switch including appointment of vendors.	
			<input type="checkbox"/> Examine network to HOMO STC.	
			<input type="checkbox"/> Examine network to investors, securities companies, and settlement banks.	

Check Items			Check Date	
Local Items	Mobile Items	Global Items		
Development support	Development standard Tools	Development standard	<input type="checkbox"/> Compare development standards of the 2 exchanges.	
			<input type="checkbox"/> Make manuals on design and programming	
				<input type="checkbox"/> Review and unify words.
				<input type="checkbox"/> Make rules on development and test including machine schedule and disk area.
			Development method	<input type="checkbox"/> Investigate development method and tools.
				<input type="checkbox"/> Examine tools for development assistance and performance test.
		Training	Training of development staff	<input type="checkbox"/> Examine staff assignment after integration.
				<input type="checkbox"/> Examine training programs of internal and outside staff.
		System assets Development materials	System asset management	<input type="checkbox"/> Examine how to manage outputs including documents, UCL, and application.
				<input type="checkbox"/> Examine safe storage of outputs.
		Development materials management	<input type="checkbox"/> Confirm a peak of each development period.	
			<input type="checkbox"/> Examine how to manage inventories.	
Project management	Project Index	Quality control	<input type="checkbox"/> Examine quality control standard.	
			<input type="checkbox"/> Examine how to control quality.	
			Progress management	<input type="checkbox"/> Make master schedule.
				<input type="checkbox"/> Make master schedule tables.
				<input type="checkbox"/> Schedule management (who to be check, how often, etc.)
		Organization/Staff	Plan for organization and staff	<input type="checkbox"/> Examine organization.
				<input type="checkbox"/> Examine roles of organizations.
			<input type="checkbox"/> Examine staff.	
	Cost	Management of expenses	<input type="checkbox"/> Comprehend reasons of expenses.	
			<input type="checkbox"/> Examine how to manage expenses in development, transition, and operation.	