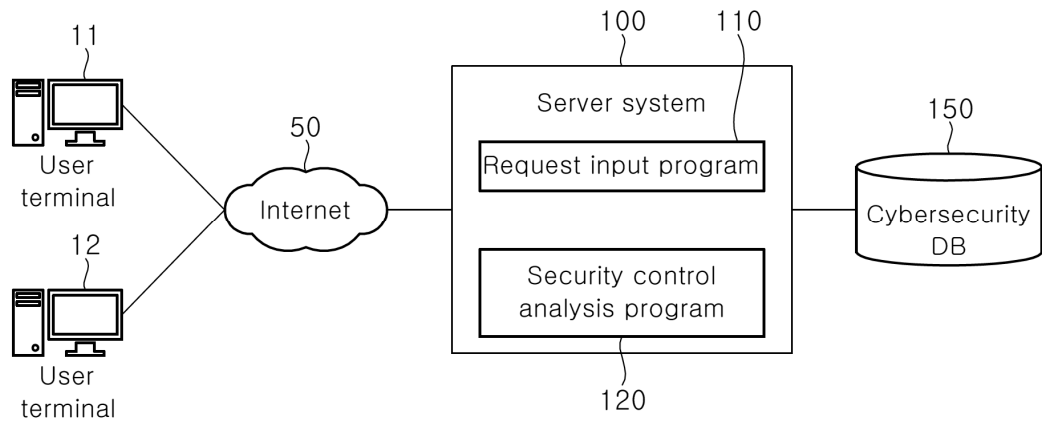
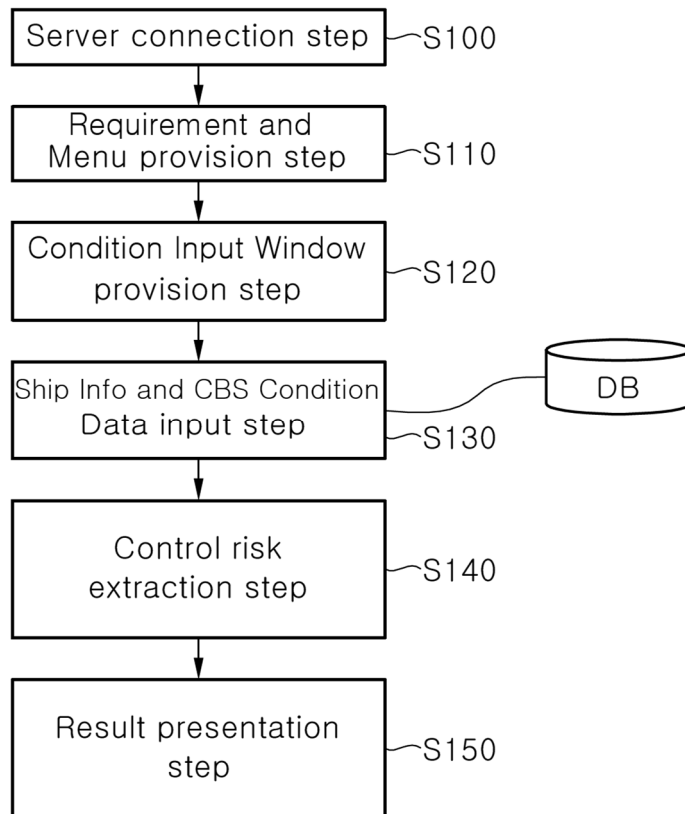


【DRAWINGS】

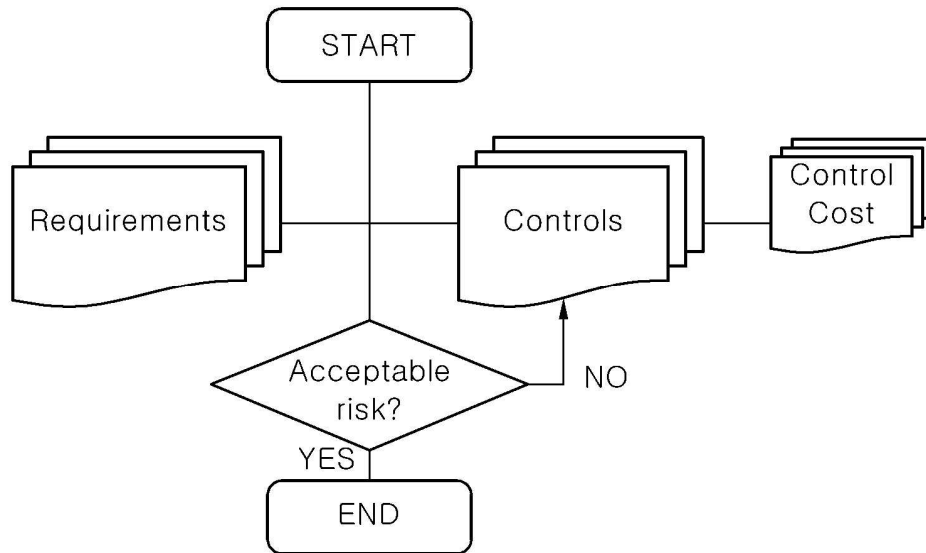
【FIG. 1】



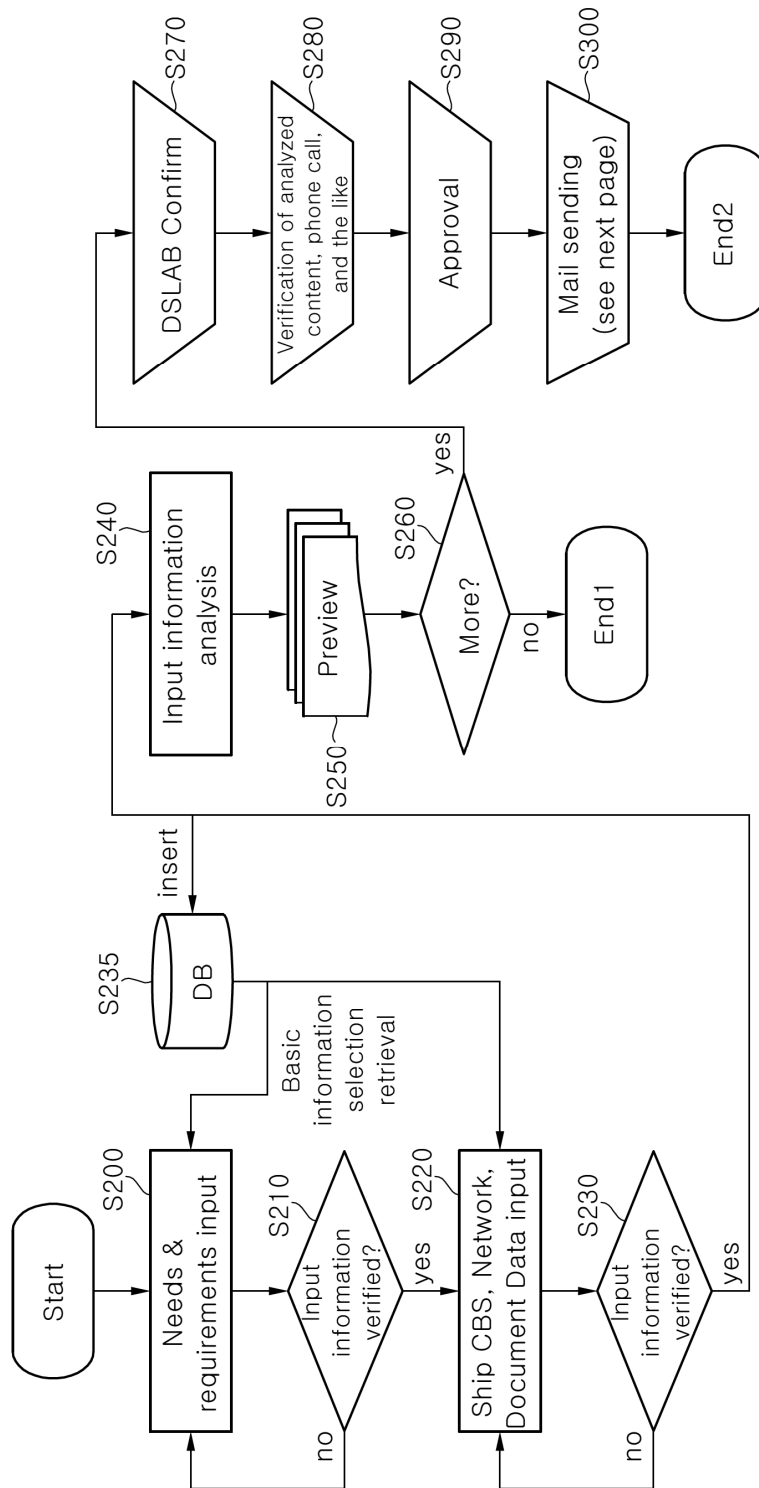
【FIG. 2】



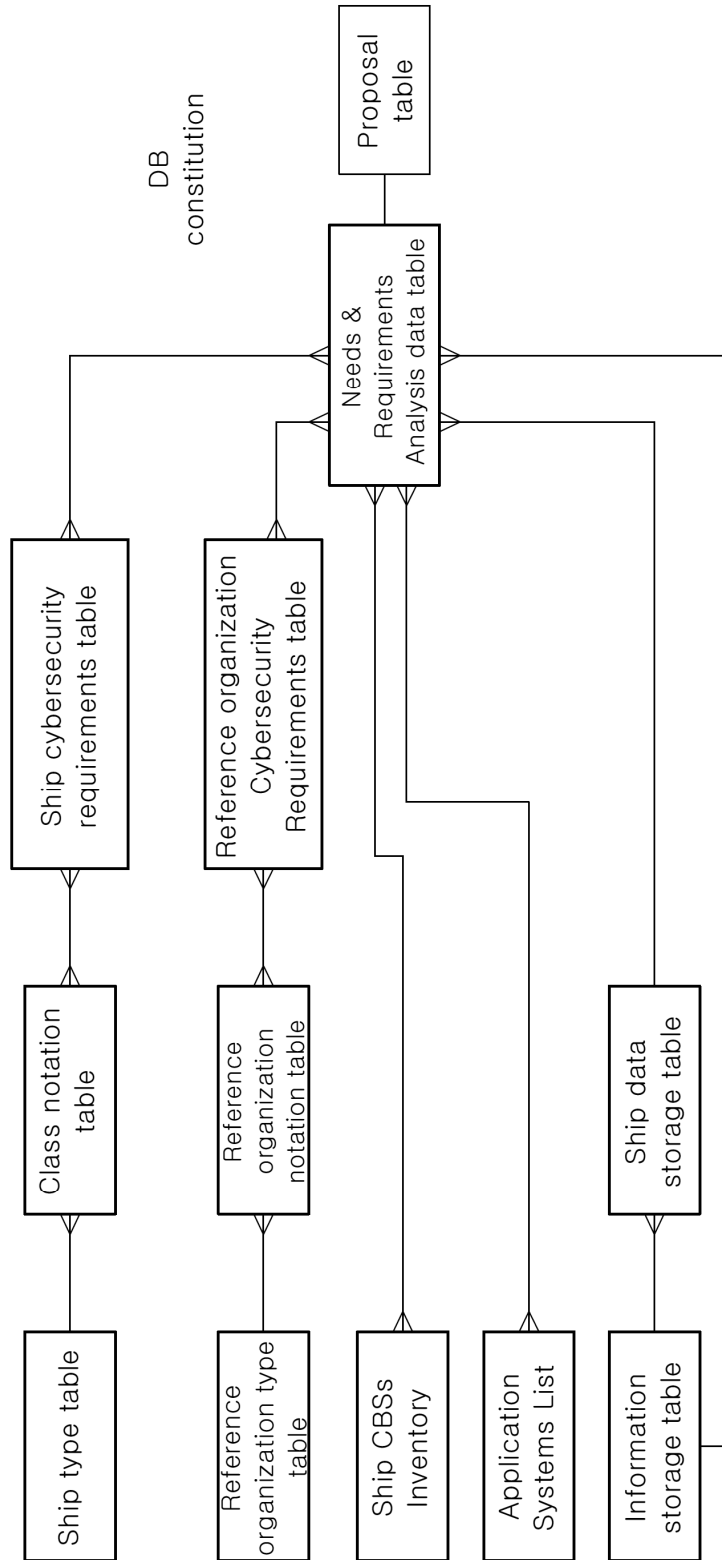
【FIG. 3】



【FIG. 4】



【FIG. 5】



【FIG. 6】

Enter Client Information

Client Name *

My Answer

Client Type *

Select

Title *

My Answer

Shipyard

Select

Hull No

Enter Vessel Cybersecurity Quotation Details

Class *

DNV

Rule/Guidance *

☐ DNV-Cyber Secure

☒ DNV-Cyber Secure(Essential)

☐ DNV-Cyber Secure(Advanced)

☐ DNV-Cyber Secure(+)

☐ LR-Cyber Secure

☐ BV-Cyber Management

☐ BV-Cyber Secure

☐ BV-Cyber Resilient

☐ ABS-CS-System

☐ ABS-CS-Ready

☐ ABS-CS-1

☐ ABS-CS-2

☐ NK-Cyber Secure

☐ KR-Cyber Secure

☐ IACS Recommended 166

Application Systems *

	DMZ Zone	Closed Network Zone	Open Network Zone
M/E Monitoring System	☒	☐	☐
M/E Controller	☐	☒	☐
Firewall	☐	☒	☐
Row 4	☐	☒	☐

Documents *

☐ Cyber risk assessment Report

☒ Vessel asset inventory

☐ Security zone & network configuration

☐ Cyber Security test procedure

☐ Final result report

☐ Network inventory list(incl. access control list)

☐ User manual

☐ Required by class

☐ Cyber Security Design Description

☐ Cyber Security Test Procedure and Results

☐ System architecture drawing

☐ Design philosophy document

☐ ?(F):

Documents *

☐ Cyber risk assessment Report

☒ Vessel asset inventory

☐ Security zone & network configuration

☐ Cyber Security test procedure

☐ Final result report

☐ Network inventory list(incl. access control list)

☐ User manual

☐ Required by class

☐ Cyber Security Design Description

☐ Cyber Security Test Procedure and Results

☐ System architecture drawing

☐ Design philosophy document

☐ ?(F):

Network *

Application Systems - Step 2

	DMZ network zone	DMZ & Control network zone	Satellite & Inter-Com network zone	Remote maintenance Network Zone	Wireless Network Zone	Auto & Control network Zone	Ship's network R
Integrated Automation System(IAS)	☐	☐	☐	☐	☐	☐	☐
M/E Control System	☐	☐	☐	☐	☐	☐	☐
M/E maneuvering System	☐	☐	☐	☐	☐	☐	☐
Navigation & Communication System	☐	☐	☐	☐	☐	☐	☐
Closed Circuit Television System(CCTV)	☐	☐	☐	☐	☐	☐	☐
Smart Ship solution	☐	☐	☐	☐	☐	☐	☐
IP type Auto telephone system	☐	☐	☐	☐	☐	☐	☐
Ship's network system(WIFI)	☐	☐	☐	☐	☐	☐	☐

(a)

(b)

(c)

(d)

(e)

【FIG. 7】

Client information			DB table
- Client Name - Company type(shipyard/Shipowner/Sl) - Title - Shipyard - HullNo. - Flag - Class - Ref.Guides - Shiptype - Owner - Person in charge/contact address/E-mail - No. of ships	- M/EmaneuveringSystem - Navigation&CommunicationSystem - ClosedCircuitTelevisionSystem(CCTV) - SmartShipsolution - IPTypeAutotelephonesystem - Ship'snetworksystem(OFE) - NetworkMonitoring solution - Firewall - Networkswitch - Otherrelatednetworkequipment - M/ESafetySystem - AlarmMonitoringSystem	- Designphilosophydocument - Network - NetworkStatusMonitoring - NetworkTrafficMonitoring - Monitoringandblockingofunauthorizedintrusion - Networkequipmentstatusmonitoring - Detectionbasedonblack/whitelist - Detectionbasedonmachinelearningalgorithms - Virusdetection/Zoneblocking - Malwaredetection/Zoneblocking - Hackingdetection/Zoneblocking - Networkstormingdetection/Zoneblocking(e.g. DDoS) - Manual/Automaticzoneblocking	
Ship cybersecurity requirements - Class - Rule/Guidance - Application - IntegratedAutomationSystem(IAS) - M/ECControlSystem	- Documents - CyberriskassessmentReport - Vesselassestinventory - Securityzone&networkconfiguration - CyberSecuritytestprocedure - Finalresultreport - Networkinventorylist(incl.accesscontrol list) - Usermanual - Requiredbyclass - CyberSecurityDesignDescription - CyberSecurityTestProcedureandResults - Systemarchitecturedrawing	- OnboardTest - Testsecurityzoneandconduits - TestCBSinthesecurityzone - Testwirelesscommunication - Testremoteaccess - TestCompensatingcountermeasures - Test:performedbysystemintegratorforfollowingtests	
		Reference data	
		Reference data (attached file)/Upload	

【FIG. 8】

