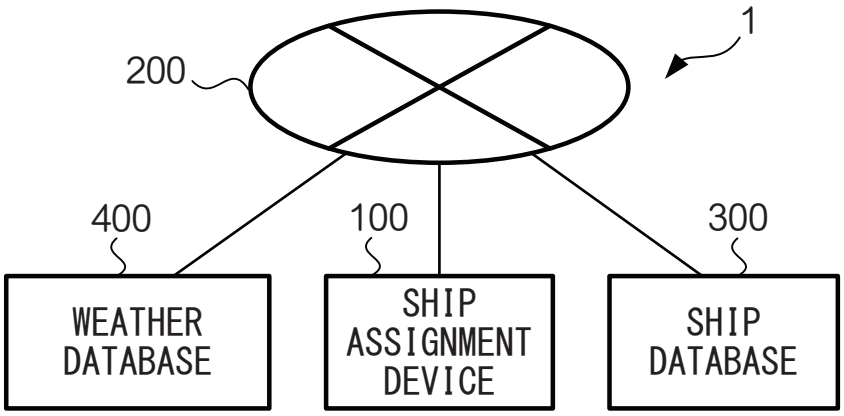
[FIG.1]



[FIG.2]

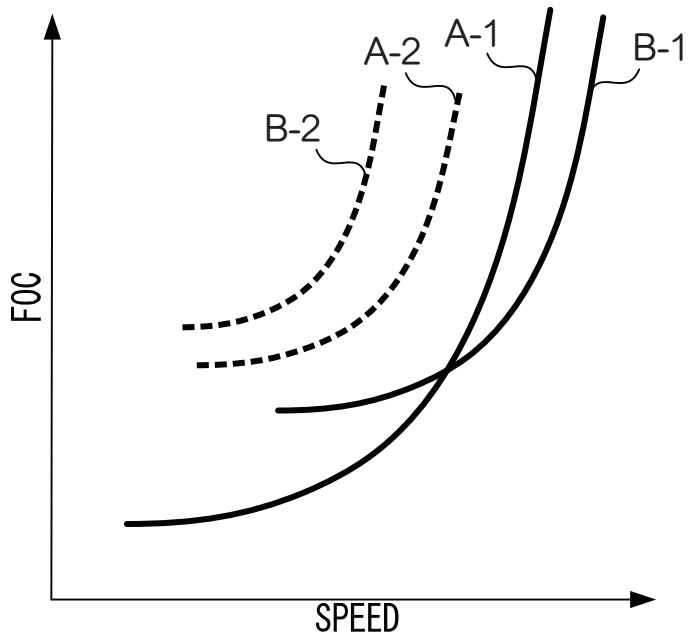
SHIP NAME	OVERALL LENGTH	MOLDED BREADTH	DEADWEIGHT CAPACITY	MOLDED DEPTH	FULL LOAD DRAFT
A	•••	•••	•••	•••	•••
B	•••	•••	•••	•••	•••
⋮	⋮	⋮	⋮	⋮	⋮

[FIG.3]

SHIP "A"　SHIP "B"

WIND DIRECTION	WIND SPEED	WAVE DIRECTION	WAVE HEIGHT	SAILING SPEED	FUEL CONSUMPTION RATE
•••	•••	•••	•••	•••	•••
•••	•••	•••	•••	•••	•••
⋮	⋮	⋮	⋮	⋮	⋮

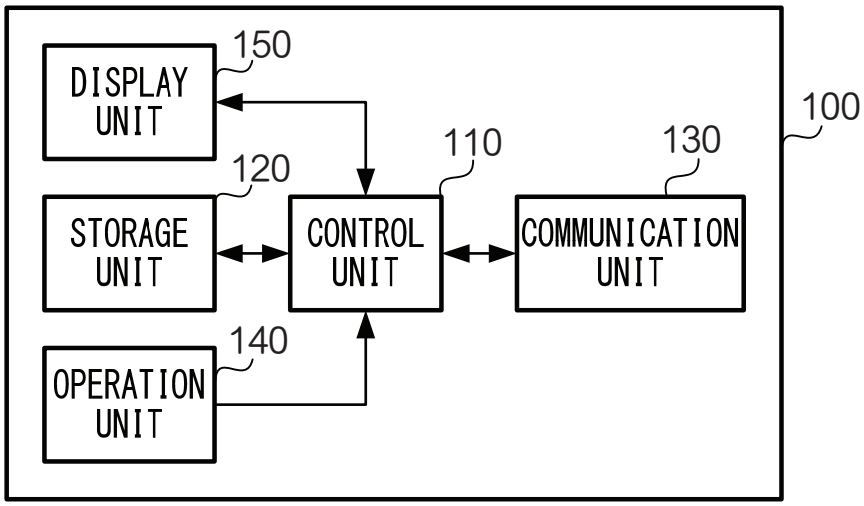
[FIG.4]



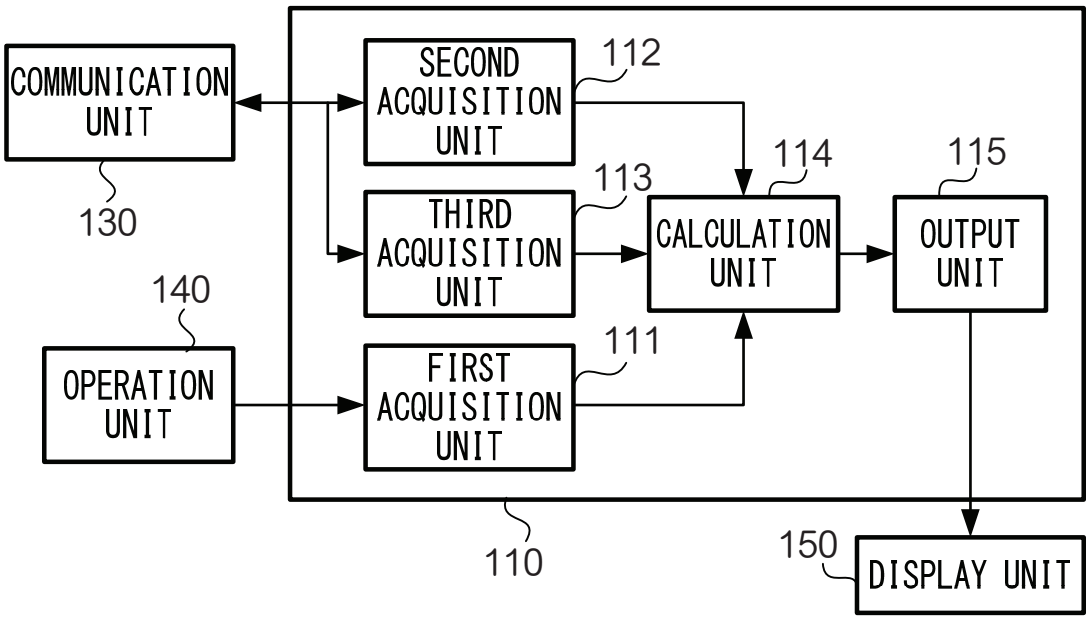
[FIG.5]

JANUARY 2nd				
JANUARY 1st				VE
SEA AREA	AVERAGE WIND DIRECTION	AVERAGE WIND SPEED	AVERAGE WAVE DIRECTION	AVERAGE WAVE HEIGHT
...	...	...	...	...
...	...	...	...	...

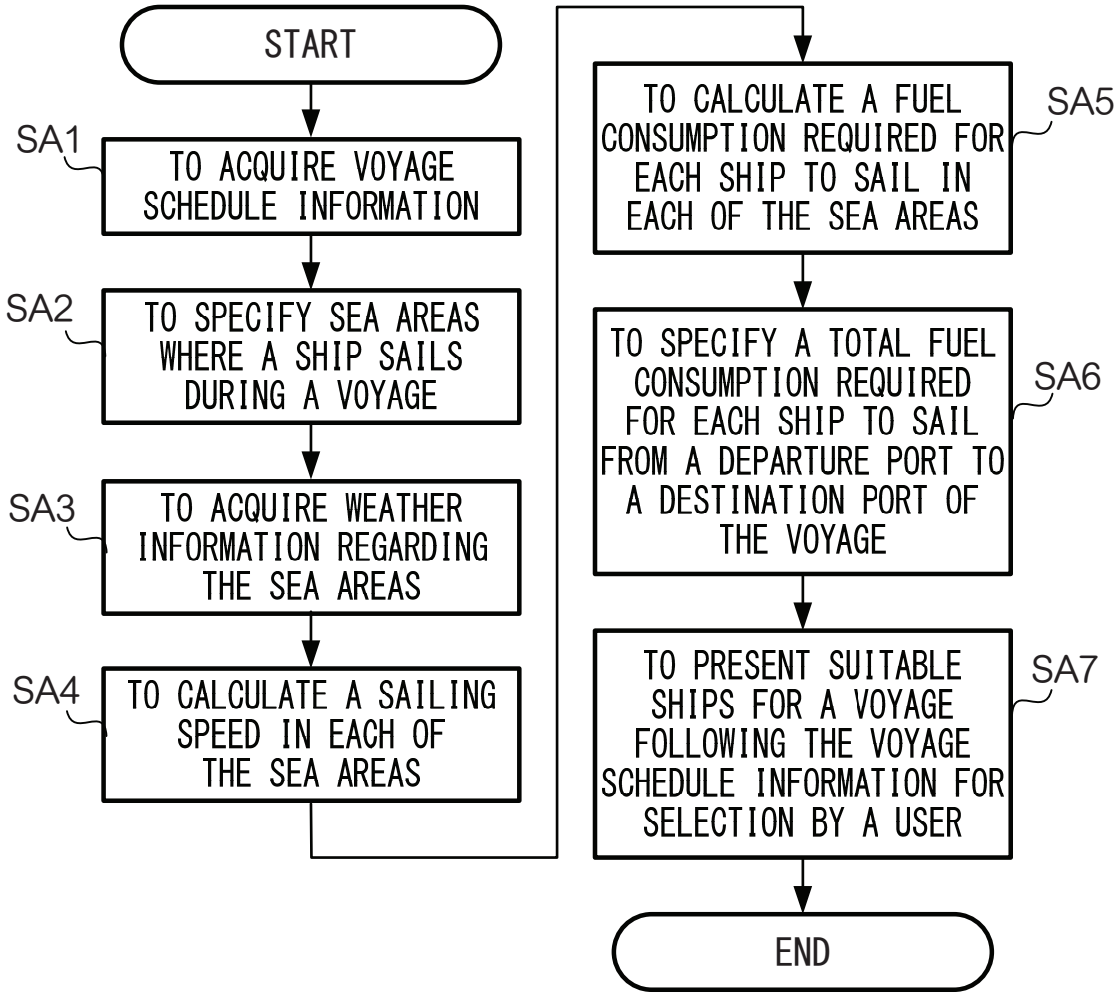
[FIG.6]



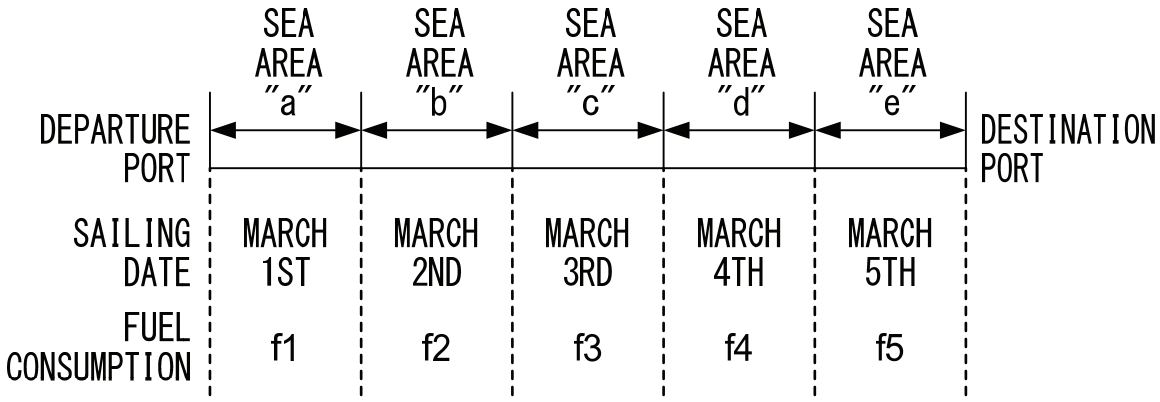
[FIG.7]


COMMUNICATION UNIT
130
140
OPERATION UNIT
SECOND ACQUISITION UNIT
112
THIRD ACQUISITION UNIT
113
FIRST ACQUISITION UNIT
111
CALCULATION UNIT
114
OUTPUT UNIT
115
110
150
DISPLAY UNIT

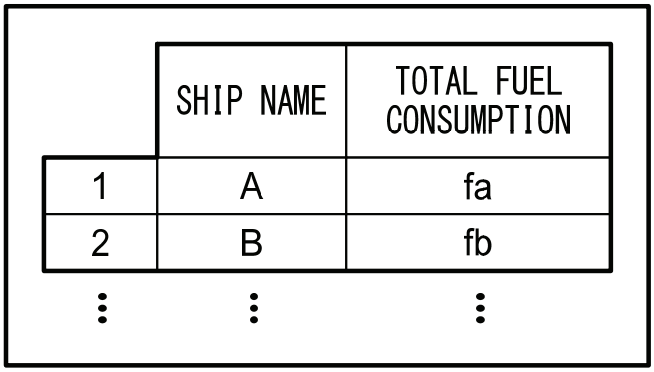
[FIG.8]


START
SA1
TO ACQUIRE VOYAGE SCHEDULE INFORMATION
SA2
TO SPECIFY SEA AREAS WHERE A SHIP SAILS DURING A VOYAGE
SA3
TO ACQUIRE WEATHER INFORMATION REGARDING THE SEA AREAS
SA4
TO CALCULATE A SAILING SPEED IN EACH OF THE SEA AREAS
SA5
TO CALCULATE A FUEL CONSUMPTION REQUIRED FOR EACH SHIP TO SAIL IN EACH OF THE SEA AREAS
SA6
TO SPECIFY A TOTAL FUEL CONSUMPTION REQUIRED FOR EACH SHIP TO SAIL FROM A DEPARTURE PORT TO A DESTINATION PORT OF THE VOYAGE
SA7
TO PRESENT SUITABLE SHIPS FOR A VOYAGE FOLLOWING THE VOYAGE SCHEDULE INFORMATION FOR SELECTION BY A USER
END

[FIG.9]



[FIG.10]



	SHIP NAME	TOTAL FUEL CONSUMPTION
1	A	fa
2	B	fb
⋮	⋮	⋮