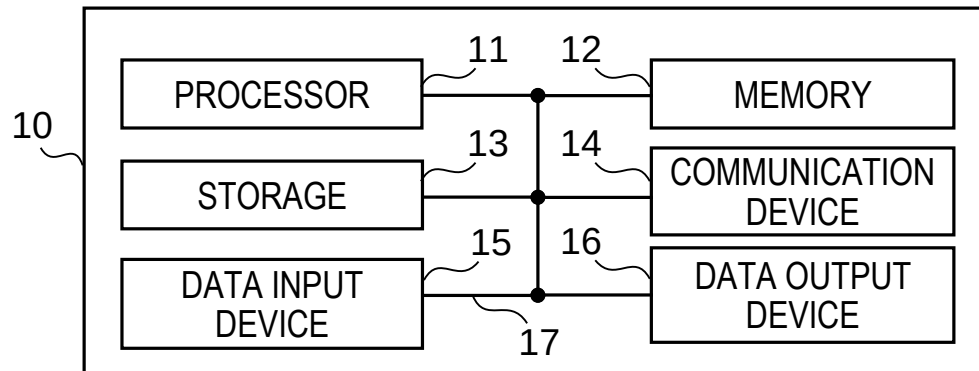
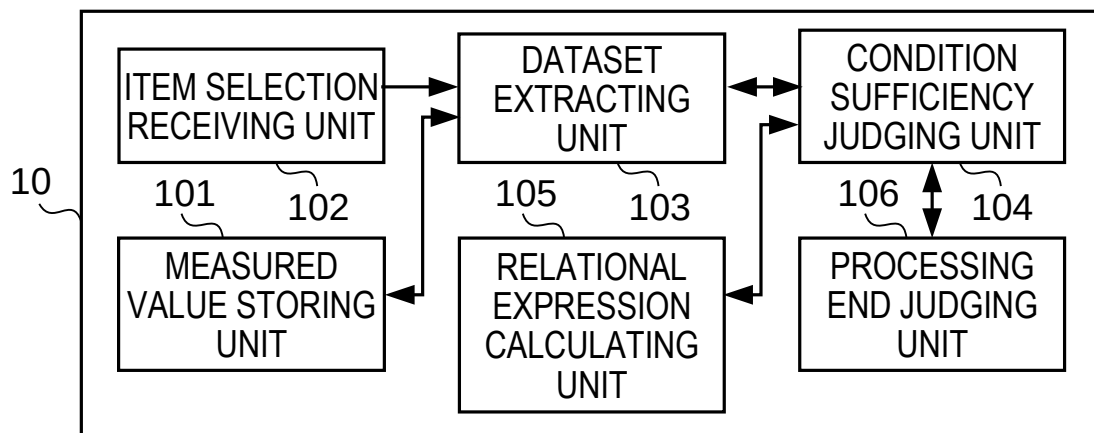


[Figure 1]



[Figure 2]



[Figure 3]

NAME OF SHIP	MEASURE-MENT PERIOD	MEASUREMENT ITEM				
		LOG SPEED	O. G. SPEED	FUEL CONSUMPTION	ENGINE SPEED (RPM)	• • •
SHIP A	t2	LOG-t2	OGS-t2	FOC-t2	RPM-t2	• • •
	t3	LOG-t3	OGS-t3	FOC-t3	RPM-t3	• • •
	t4	LOG-t4	OGS-t4	FOC-t4	RPM-t4	• • •
	t5	LOG-t5	OGS-t5	FOC-t5	RPM-t5	• • •
	• • •	• • •	• • •	• • •	• • •	• • •
• • •	• • •	• • •	• • •	• • •	• • •	• • •

[Figure 4]

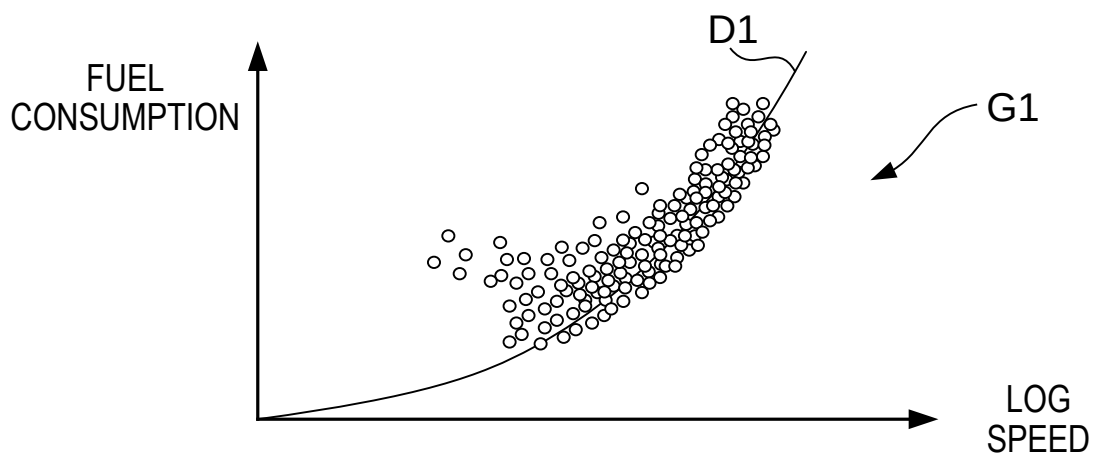
Figure 4 shows an "ITEM SELECTION SCREEN" (A1) with the following components:

- TARGET SHIP** (C1): SHIP A
- ITEMS FOR ANALYSIS** (C2): LOG SPEED, FUEL CONSUMPTION
- ITEMS FOR FILTERING** (C3): WIND SPEED, WIND DIRECTION, WAVE HEIGHT, CURRENT SPEED, TRIM, ...
- TIME PERIOD** (C4): 2018/10/01~2019/3/31
- START ANALYSIS** (B1)

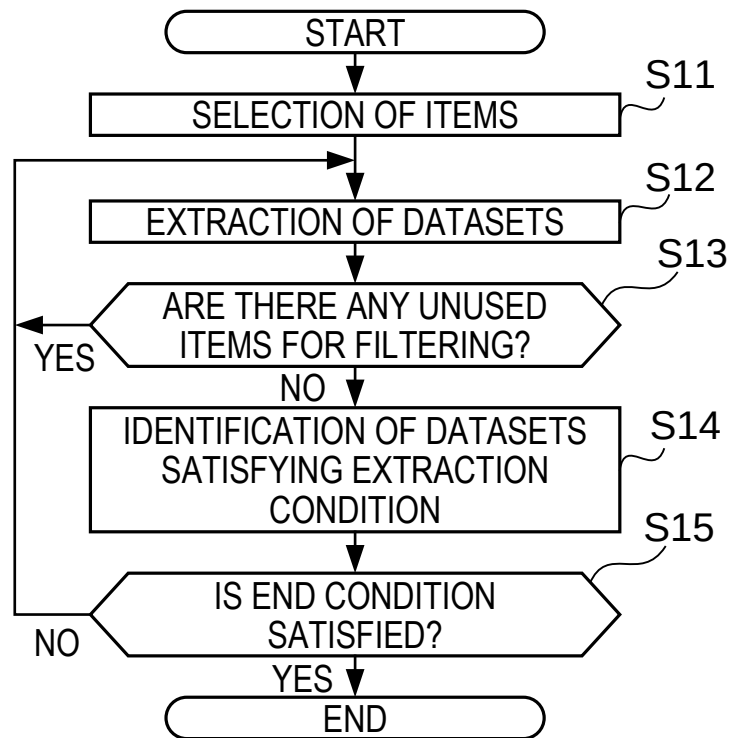
[Figure 5]

DATASET	ITEMS FOR ANALYSIS		ITEMS FOR FILTERING		
	LOG SPEED	FUEL CONSUMPTION	WIND SPEED	WIND DIRECTION	...
DS-t1	LOG-t1	FOC-t1	Wind-t1	WD-t1	...
DS-t2	LOG-t2	FOC-t2	Wind-t2	WD-t2	...
DS-t3	LOG-t3	FOC-t3	Wind-t3	WD-t3	...
DS-t4	LOG-t4	FOC-t4	Wind-t4	WD-t4	...
DS-t5	LOG-t5	FOC-t5	Wind-t5	WD-t5	...
...	...	...	...	...	...

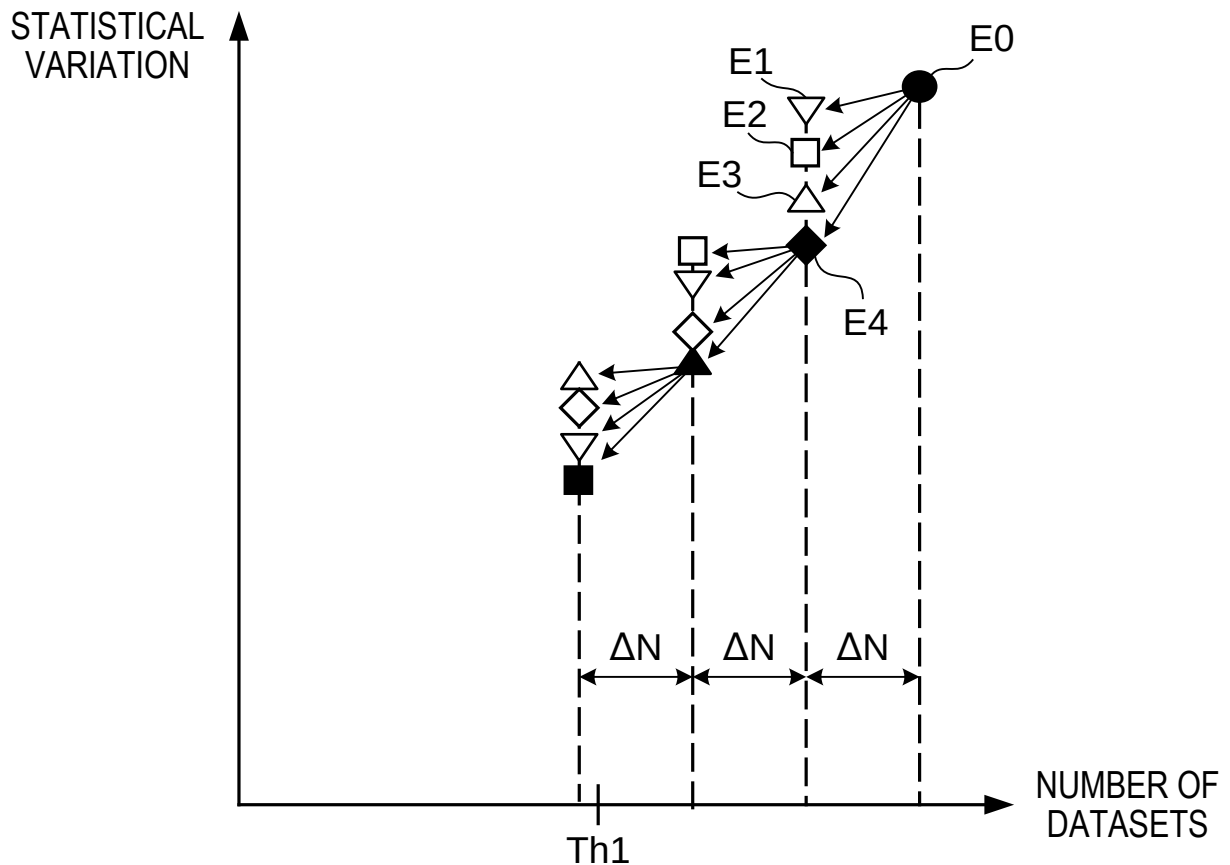
[Figure 6]



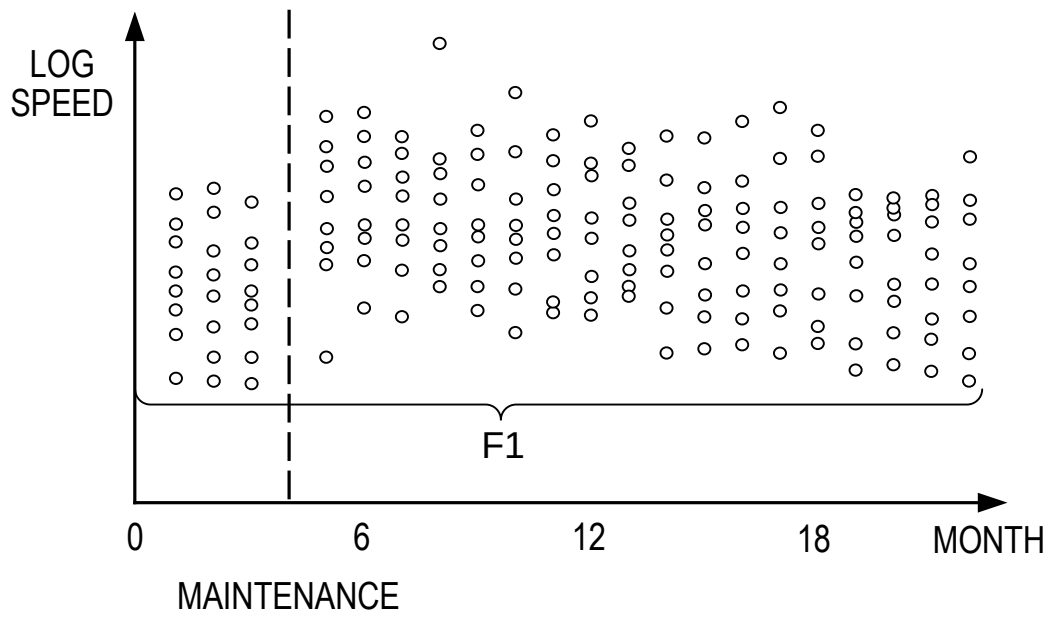
[Figure 7]



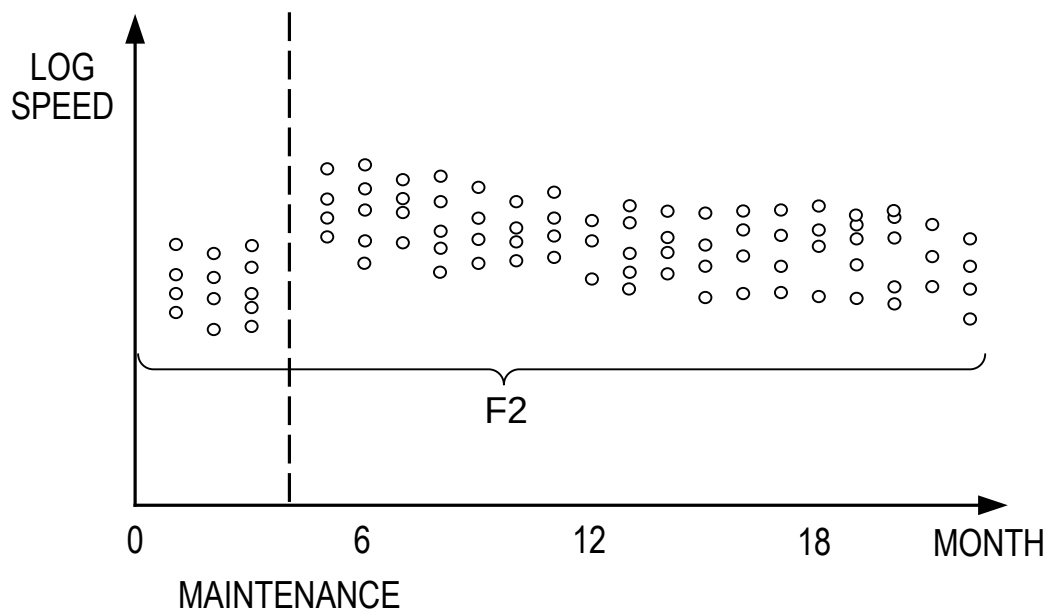
[Figure 8]



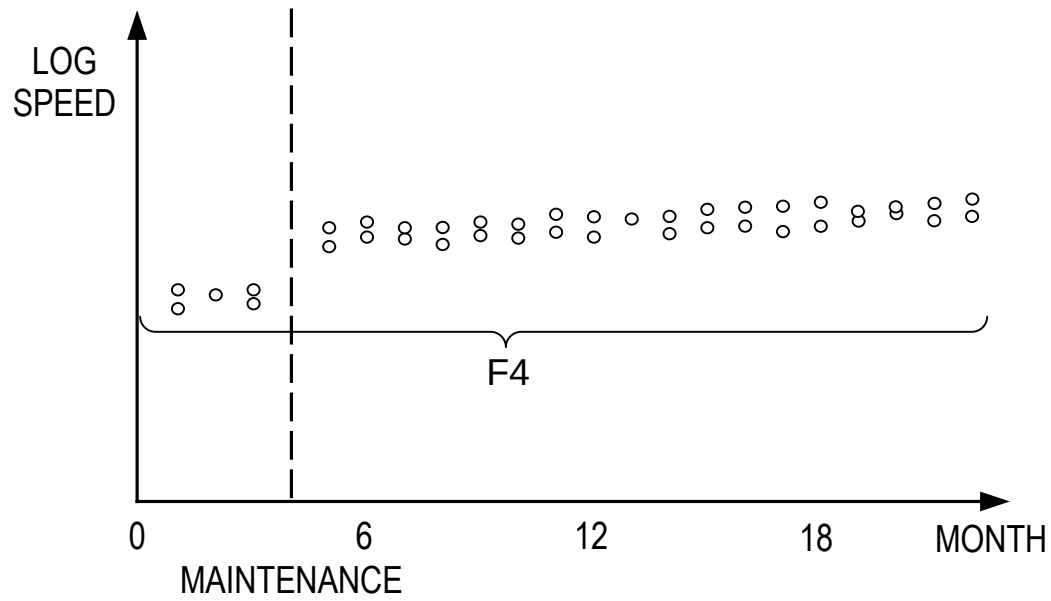
[Figure 9]



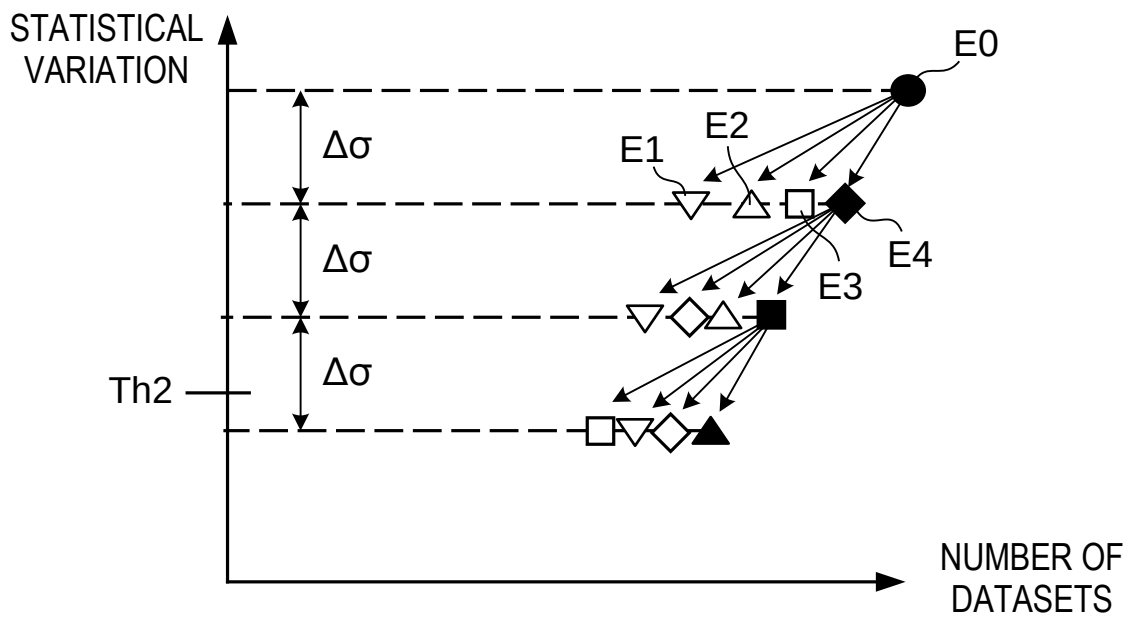
[Figure 10]



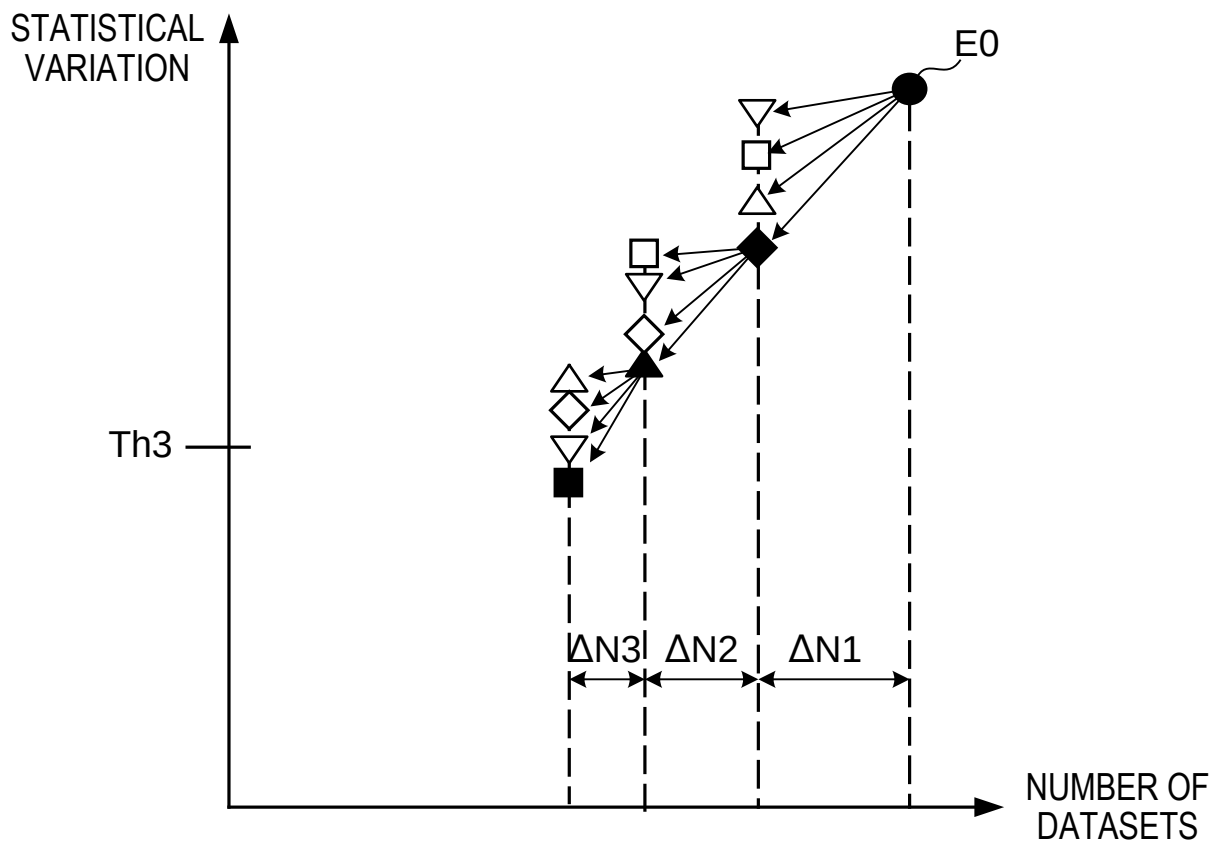
[Figure 11]



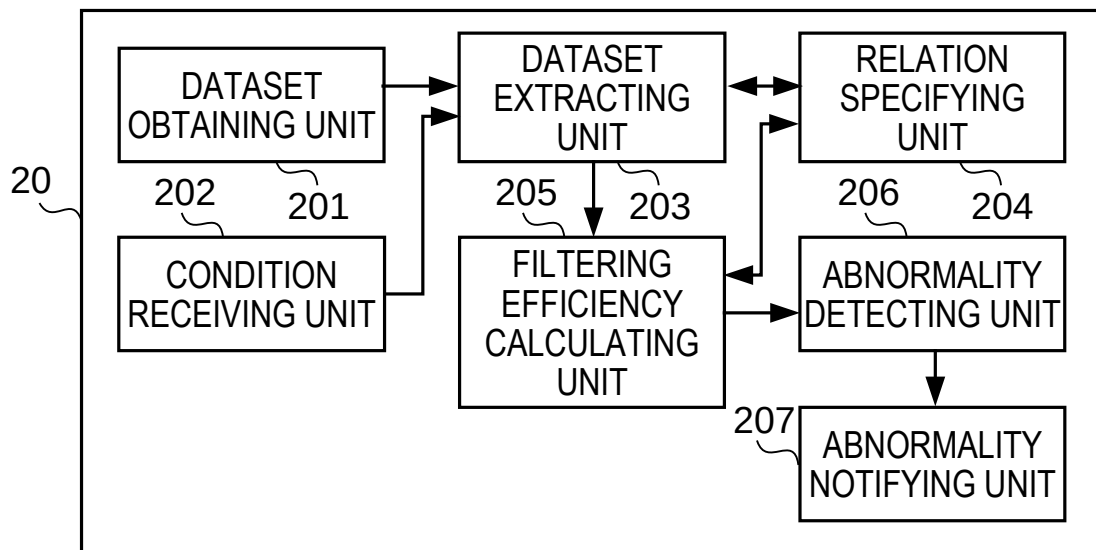
[Figure 12]



[Figure 13]



[Figure 14]

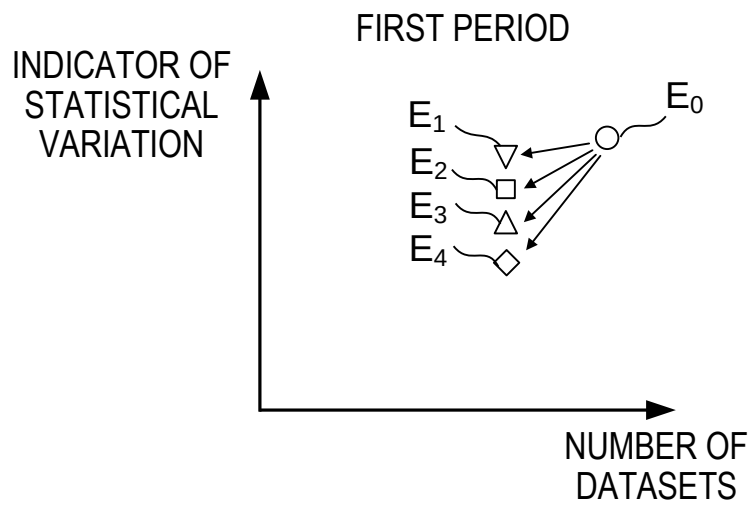


[Figure 15]

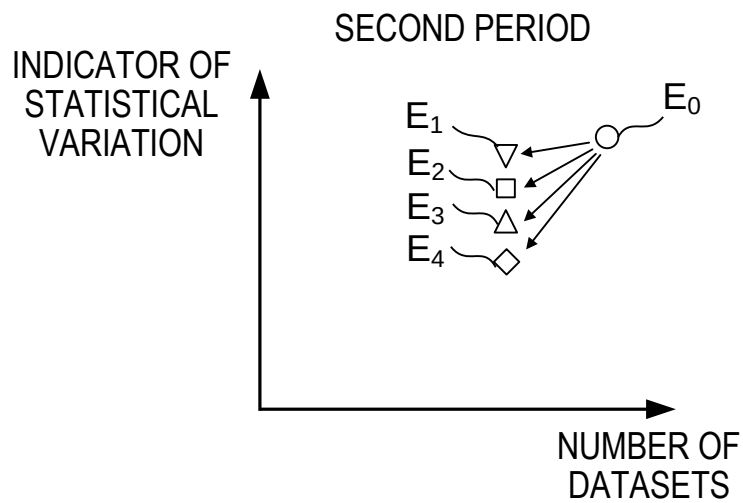
CONDITION RECEPTION SCREEN	
TARGET SHIP	SHIP A
ITEMS FOR ANALYSIS	LOG SPEED, FUEL CONSUMPTION
ITEMS FOR FILTERING	TRIM, WAVE HEIGHT, CURRENT SPEED, WIND SPEED, ...
TIME PERIOD	2018/10/01~2019/3/31
NUMBER OF DIVISIONS	3
START	

[Figure 16]

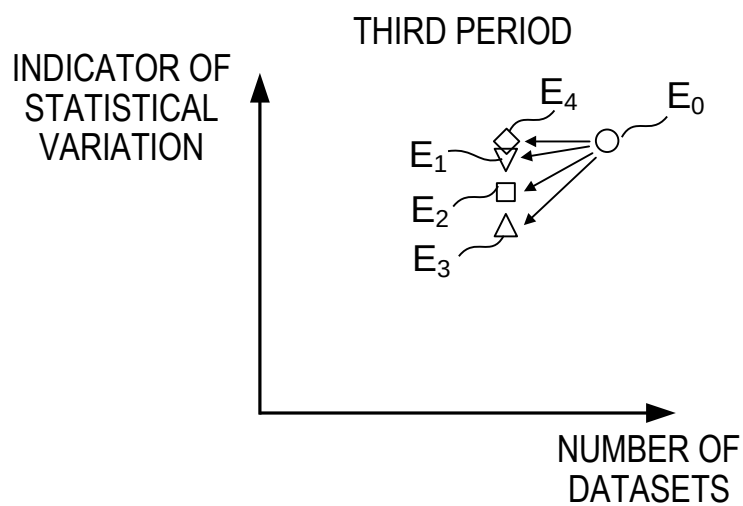
(a)



(b)



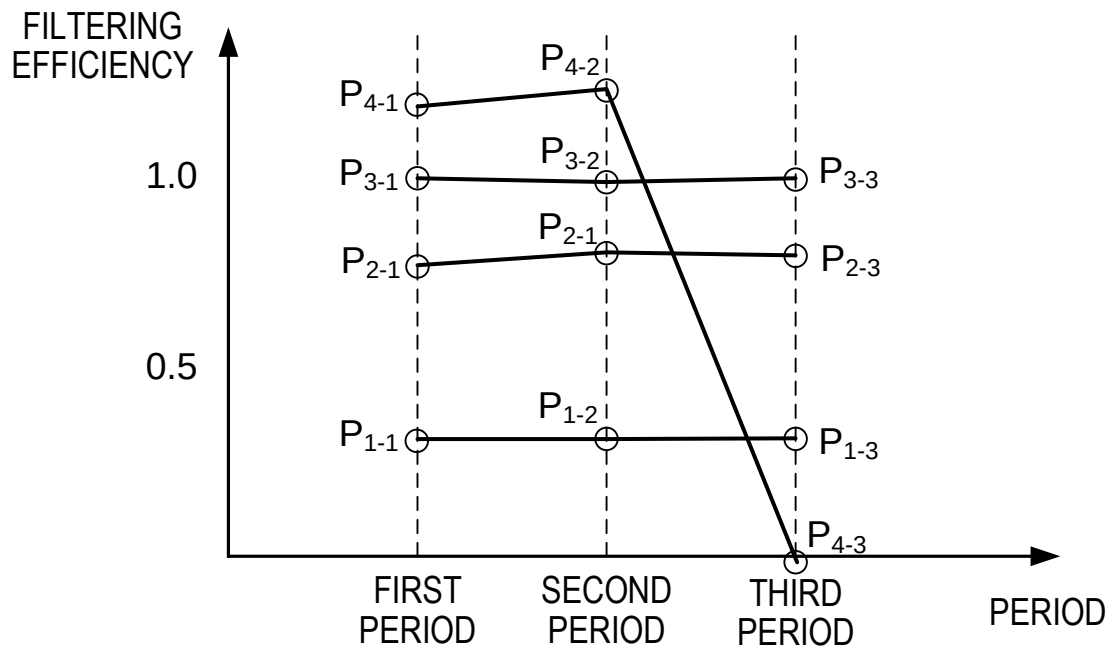
(c)



[Figure 17]

ITEM FOR FILTERING	FIRST PERIOD	SECOND PERIOD	THIRD PERIOD
TRIM	$P_{1-1}=0.31$	$P_{1-2}=0.32$	$P_{1-3}=0.33$
WAVE HEIGHT	$P_{2-1}=0.78$	$P_{2-2}=0.81$	$P_{2-3}=0.80$
CURRENT SPEED	$P_{3-1}=1.01$	$P_{3-2}=0.98$	$P_{3-3}=1.00$
WIND SPEED	$P_{4-1}=1.20$	$P_{4-2}=1.23$	$P_{4-3}=-0.03$

[Figure 18]



[Figure 19]

