

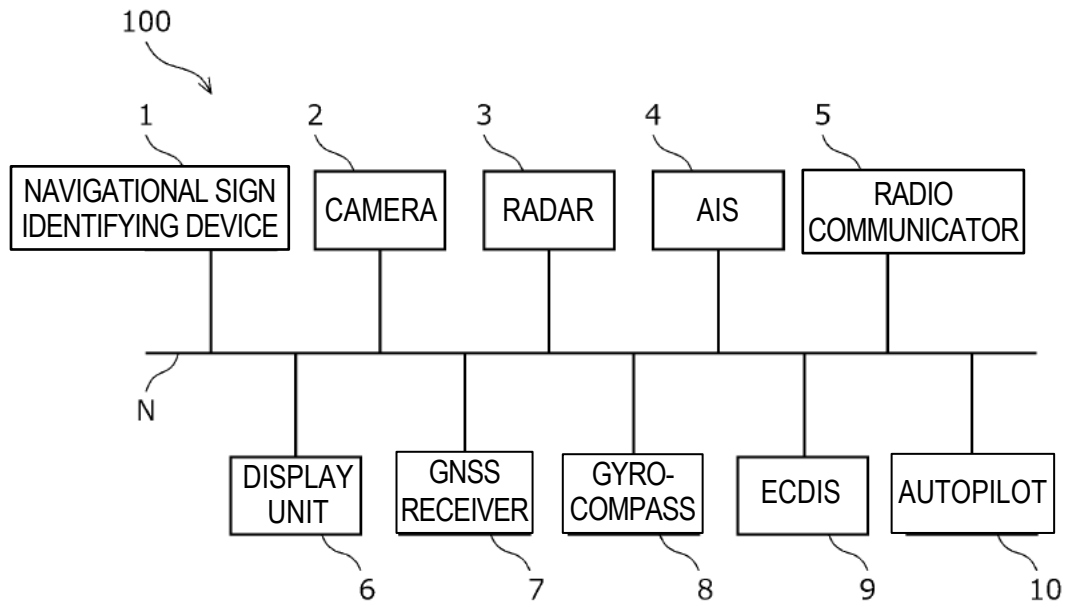


FIG. 1

CLASSIFICATION	BODY		TOP MARK		ILLUSTRATION		COL OF LIGHT
	DESCRIPTION	PAINT COLOR	PAINT COL	SHAPE	LIGHT BUOY	BUOY	
LATERAL SIGN	PORT SIGN	GREEN	GRN	1 CYLINDER			GRN
	STARBOARD SIGN	RED	RED	1 CONE			RED
DIRECTION-AL SIGN	NORTH SIGN	BLACK ABOVE YELLOW	BLACK	2 CONES, ONE ABOVE OTHER, POINTS UP			WHITE
	EAST SIGN	1 YELLOW BAND ON BLACK	BLACK	2 CONES, ONE ABOVE OTHER, BASE TO BASE			WHITE
	SOUTH SIGN	YELLOW ABOVE BLACK	BLACK	2 CONES, ONE ABOVE OTHER, POINTS DOWN			WHITE
	WEST SIGN	1 BLACK BAND ON YELLOW	BLACK	2 CONES, ONE ABOVE OTHER, POINT TO POINT			WHITE
ISOLATED OBSTRUCTION SIGN		1 OR MORE RED BAND ON BLACK	BLACK	2 SPHERES, ONE ABOVE OTHER			WHITE
SAFE WATER AREA SIGN		RED x WHITE STRIPE	RED	1 SPHERE			WHITE
SPECIAL SIGN		YELLOW	YEL	1 CROSS			YEL

FIG. 2

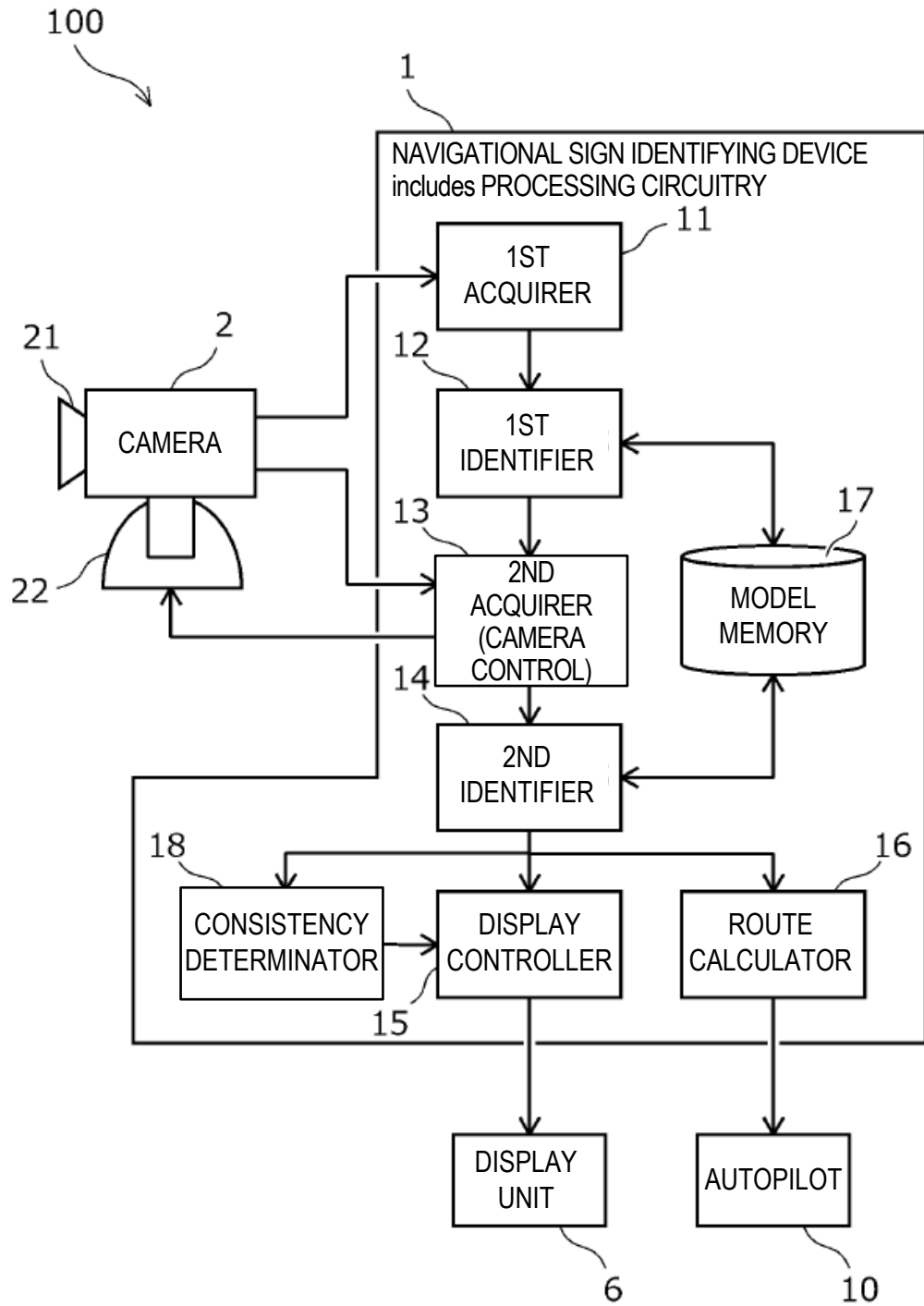


FIG. 3

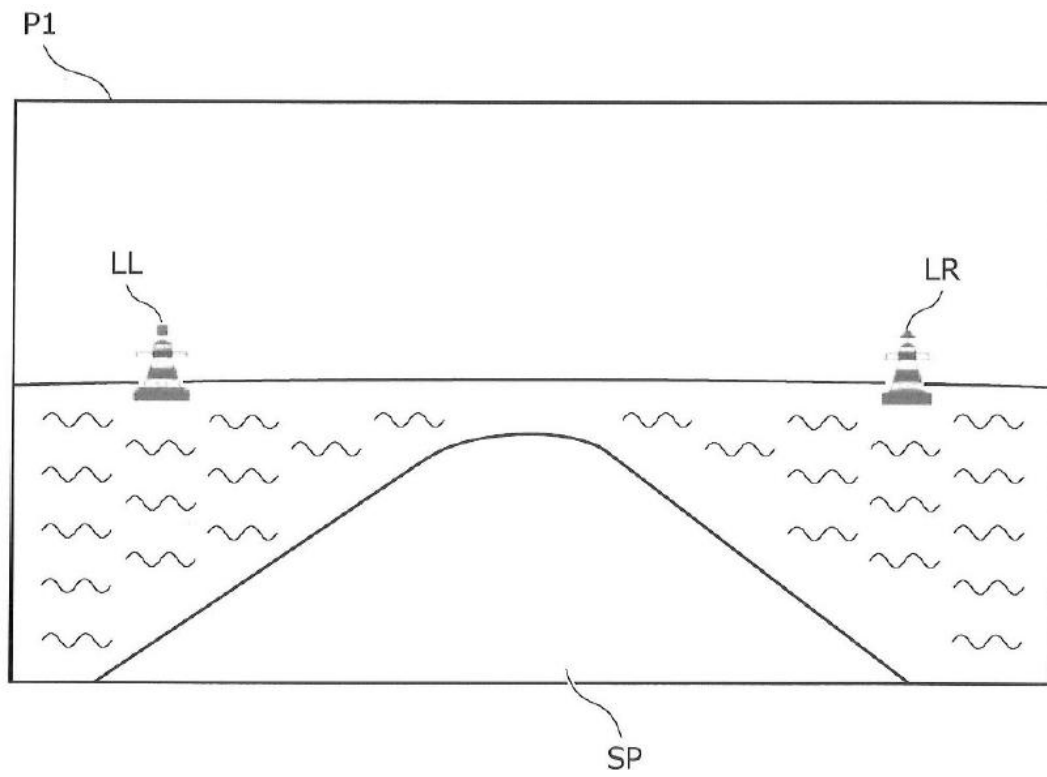


FIG. 4

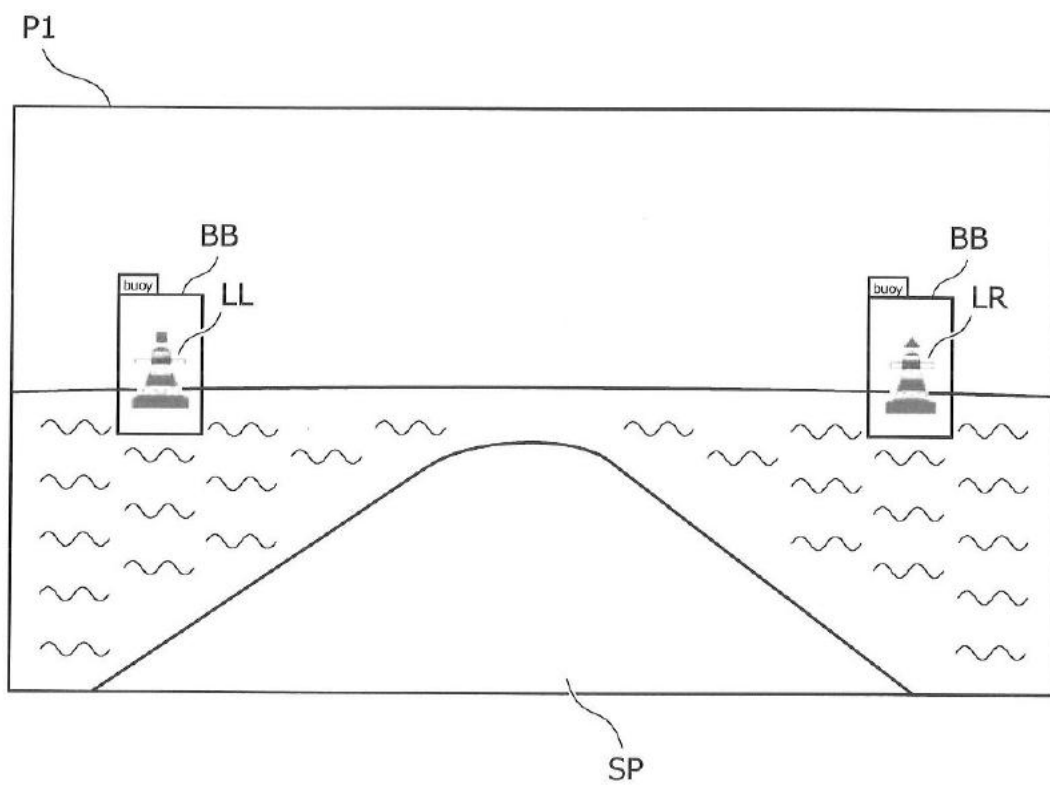


FIG. 5

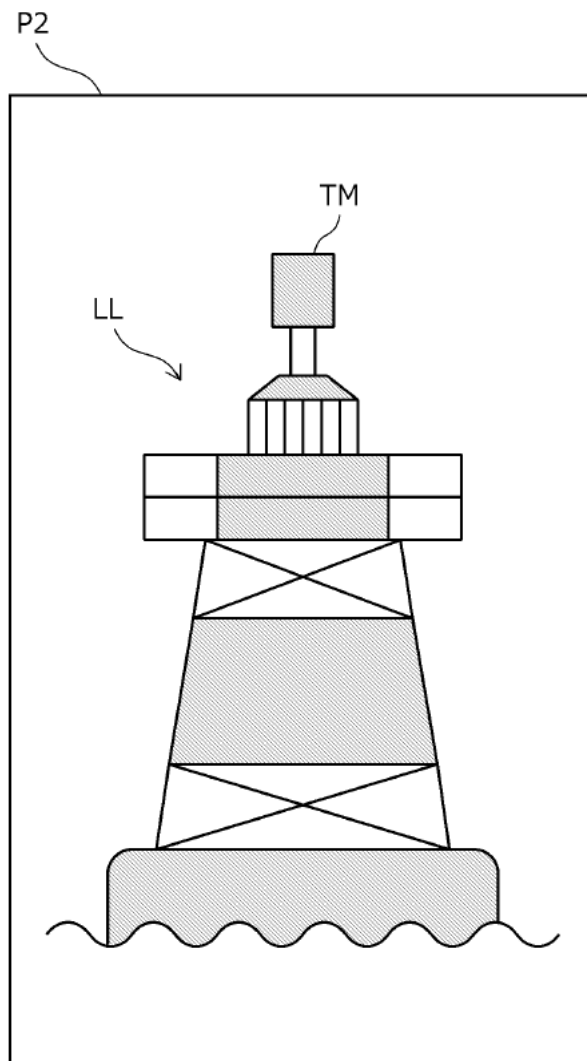


FIG. 6

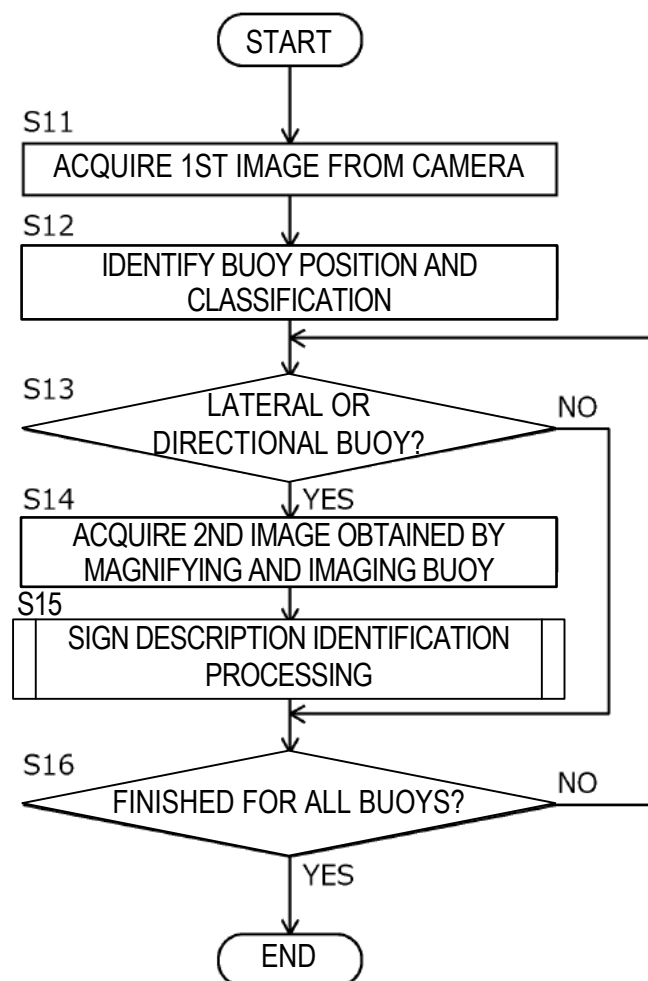


FIG. 7

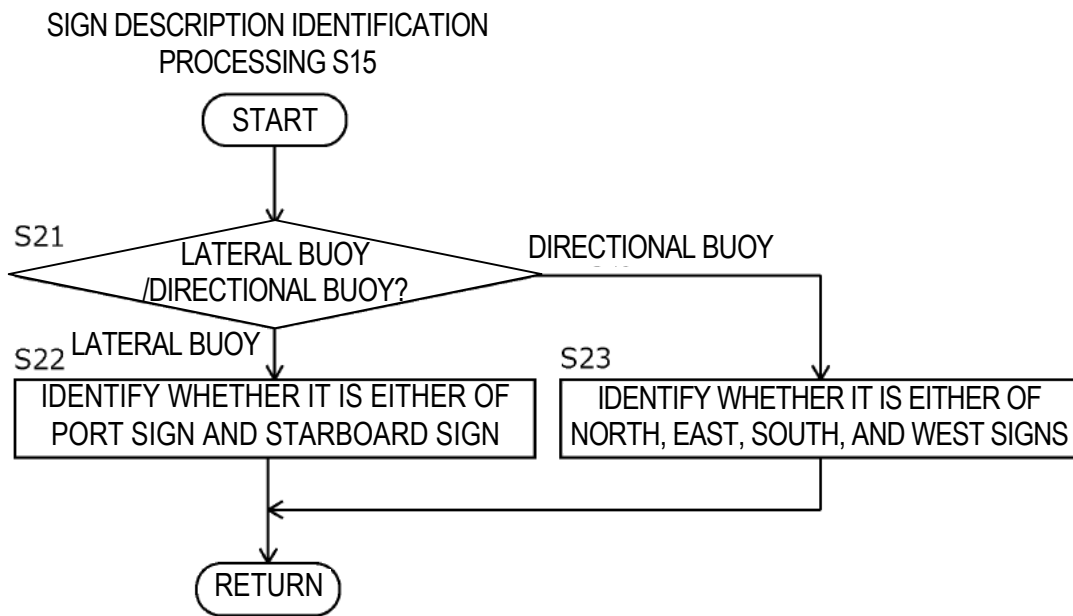


FIG. 8

BUOY MANAGEMENT DATABASE

ID	CLASSIFI- CATION	DESCRIPTION OF SIGN	POSITION IN IMAGE	ACTUAL POSITION	VIRTUAL BUOY
001	LATERAL SIGN	PORT SIGN	x1 , y1	X1 , Y1	—
002	LATERAL SIGN	STARBOARD SIGN	x2 , y2	X2 , Y2	—
003	DIRECTION- AL SIGN	NORTH SIGN	x3 , y3	X3 , Y3	—
004	SAFE WATER AREA SIGN	—	x4 , y4	X4 , Y4	—
005	LATERAL SIGN	PORT SIGN	—	X5 , Y5	○
005	LATERAL SIGN	PORT SIGN	—	X6 , Y6	○

FIG. 9

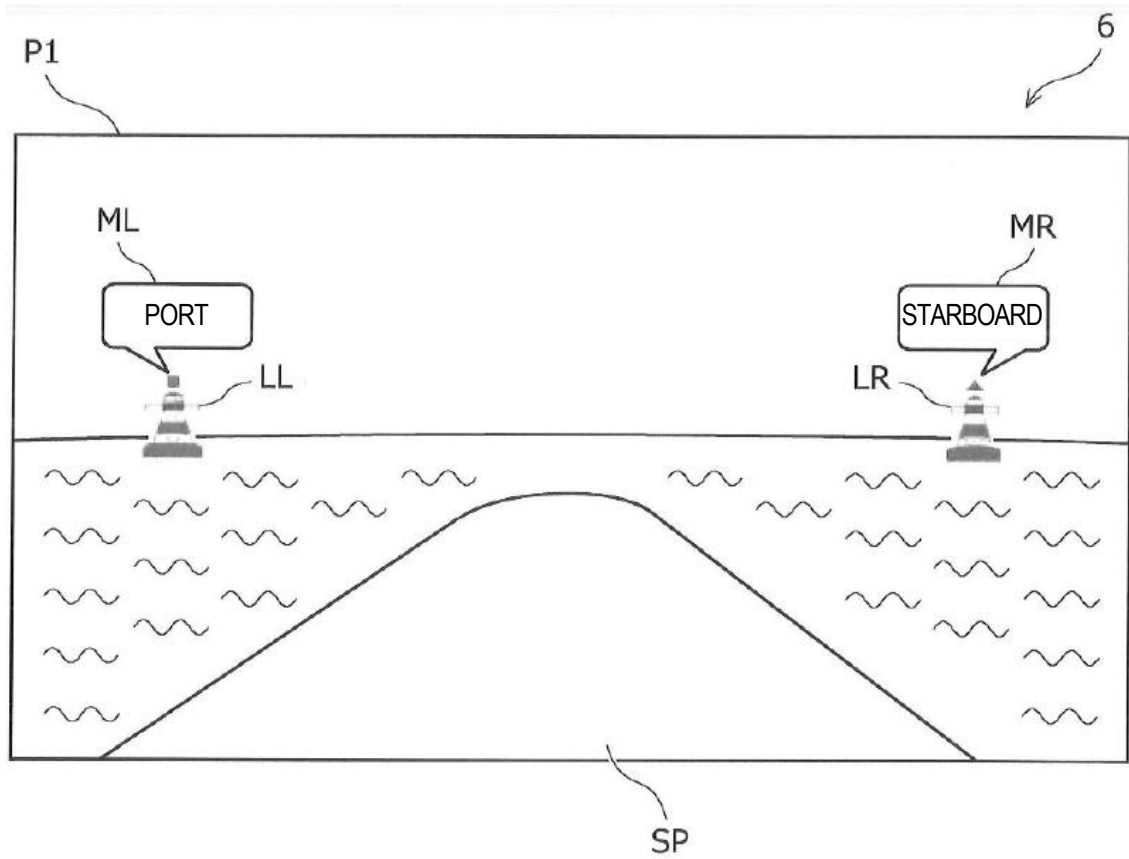


FIG. 10

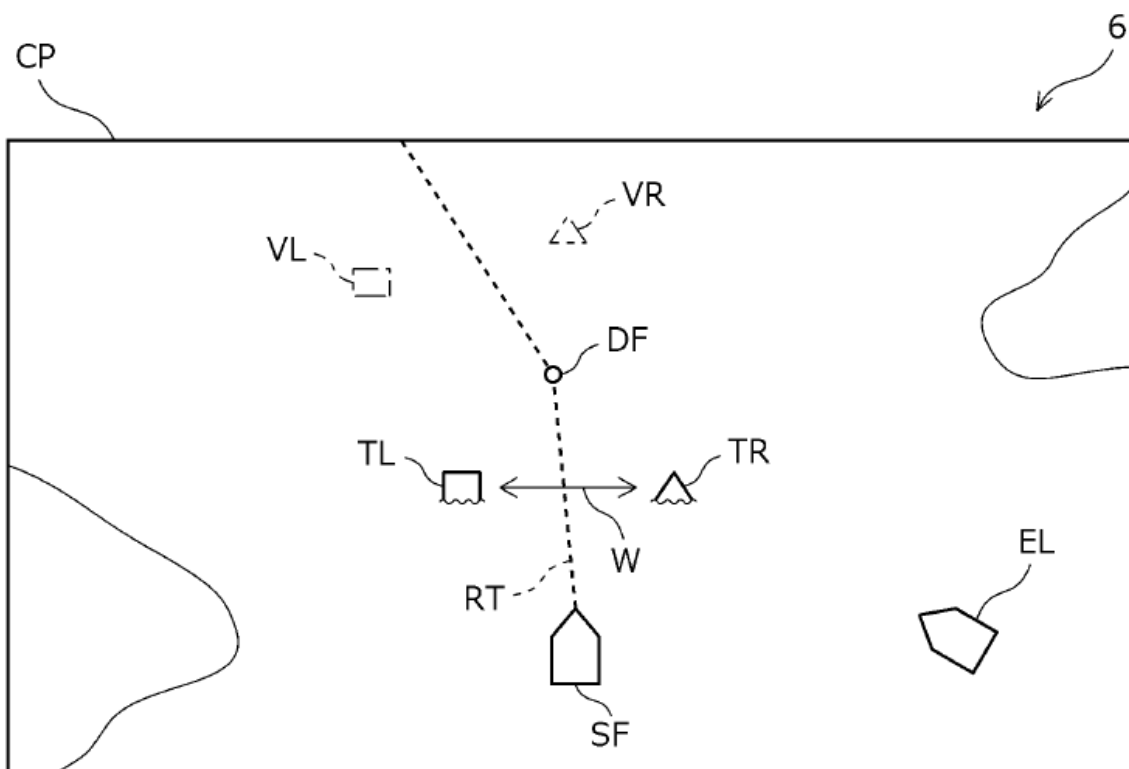


FIG. 11

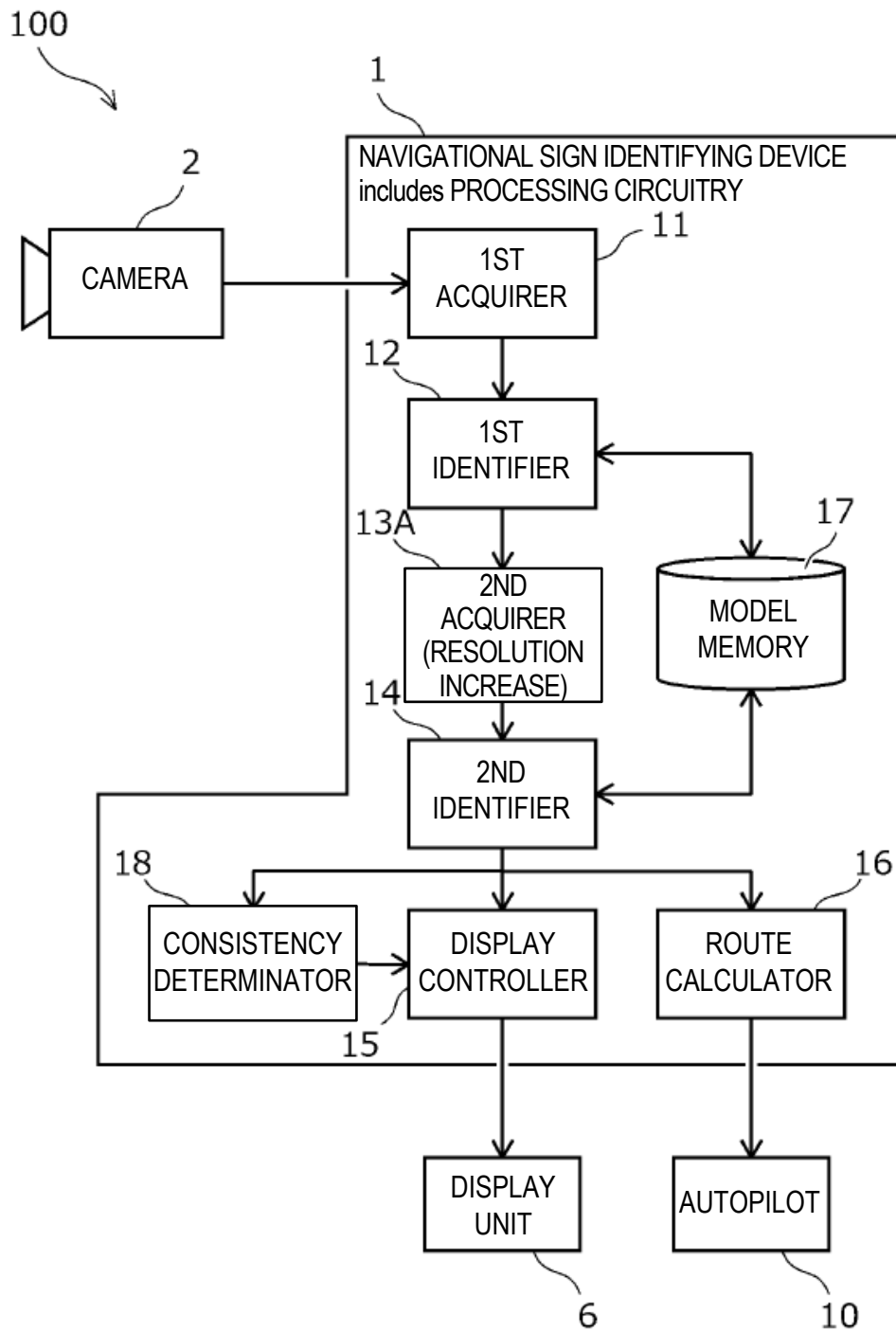


FIG. 12

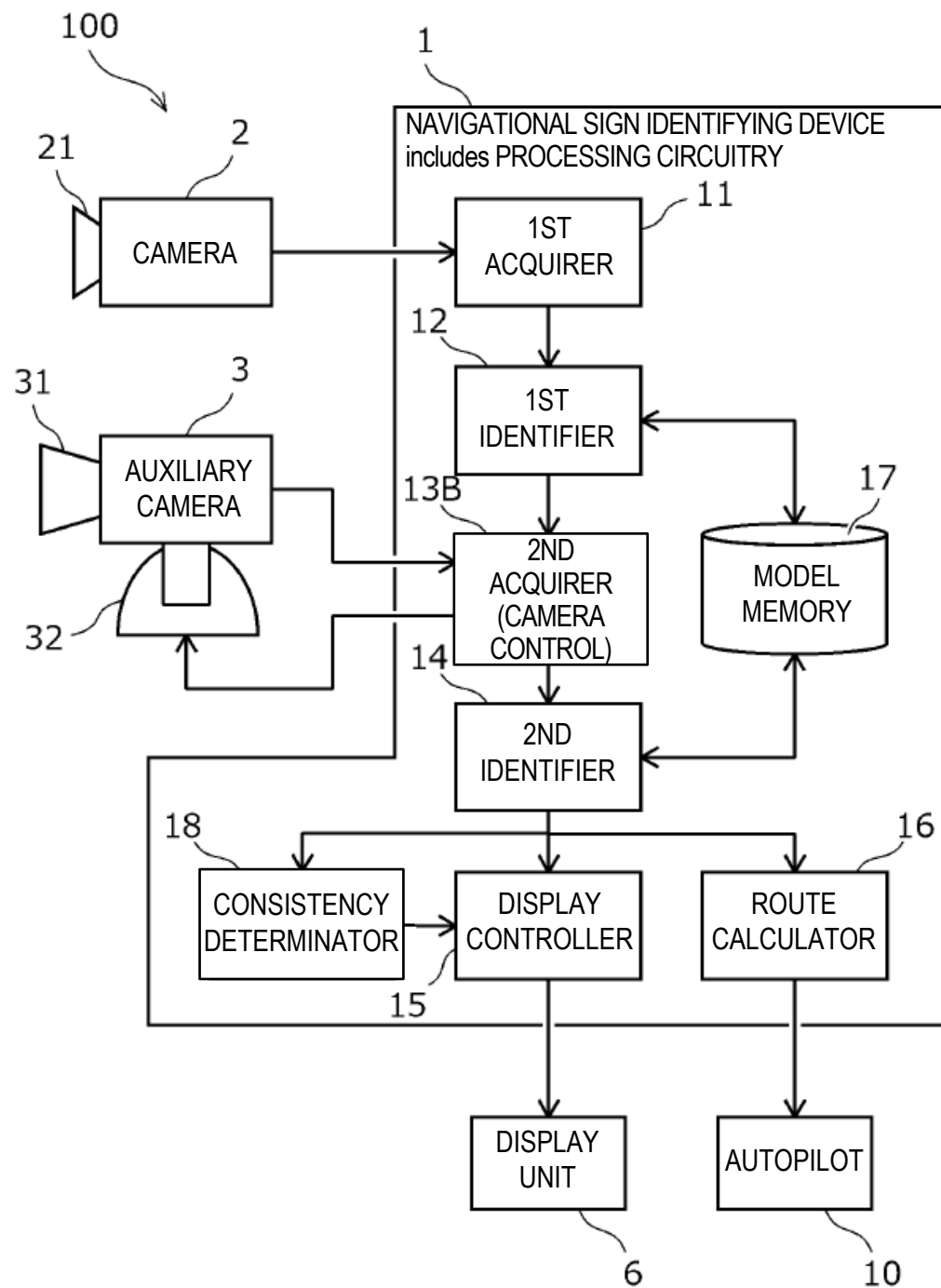


FIG. 13

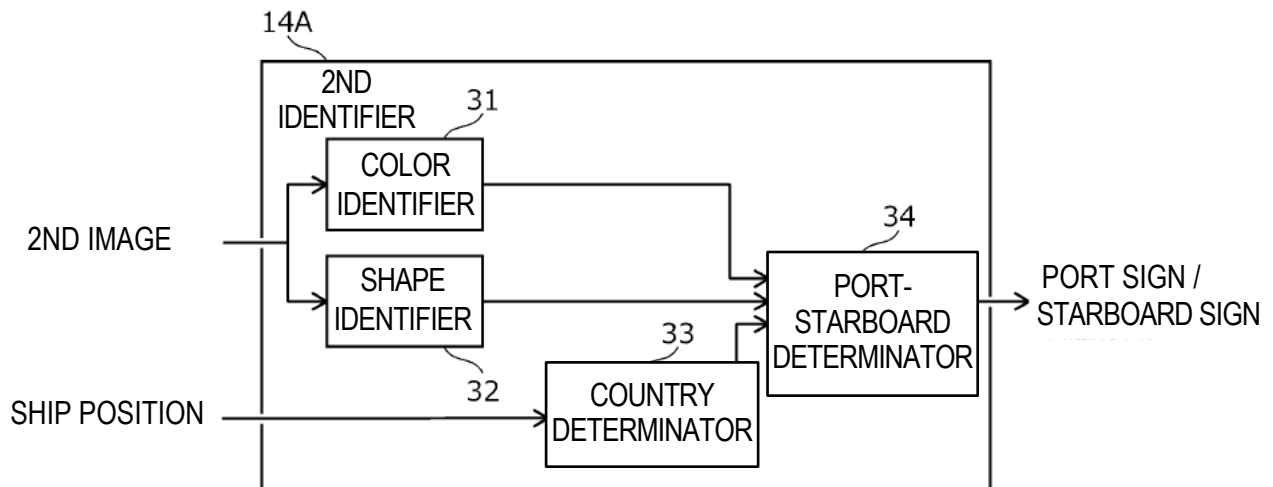


FIG. 14

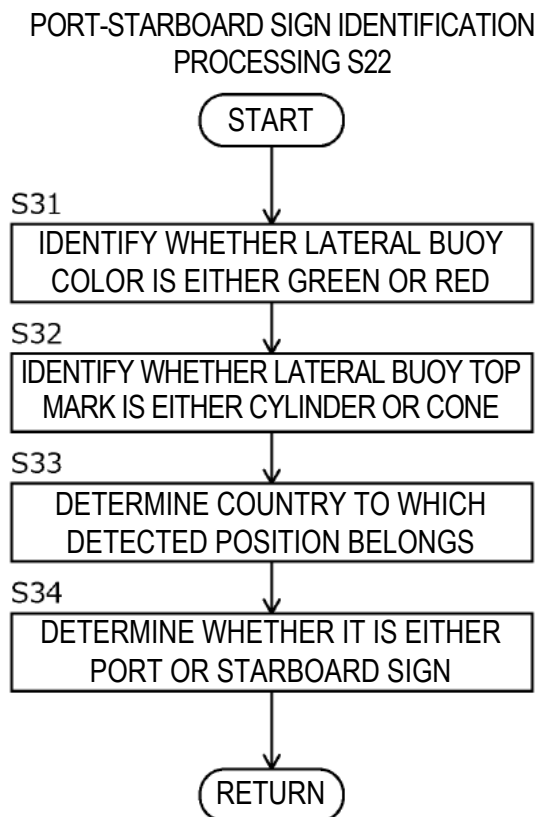


FIG. 15

BY-COUNTRY PORT-STARBOARD MODE TABLE

COUNTRY	DESCRIP- TION OF SIGN	COLOR	SHAPE
COUNTRY A	PORT SIGN	GREEN	CYLINDER
	STARBOARD SIGN	RED	CONE
COUNTRY B	PORT SIGN	RED	CONE
	STARBOARD SIGN	GREEN	CYLINDER

FIG. 16

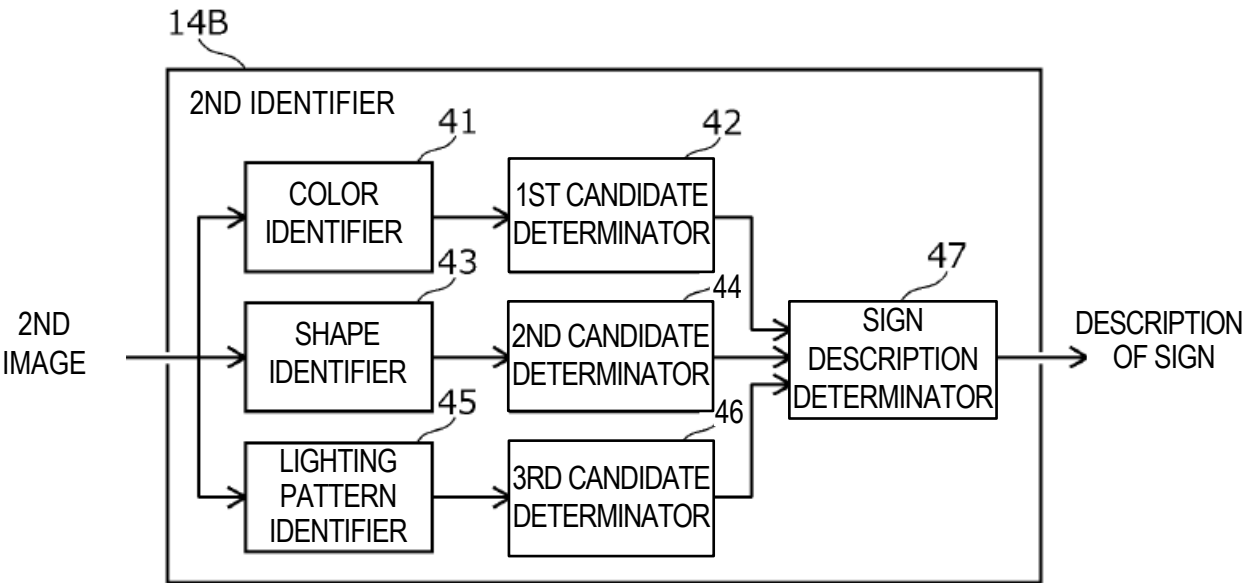


FIG. 17

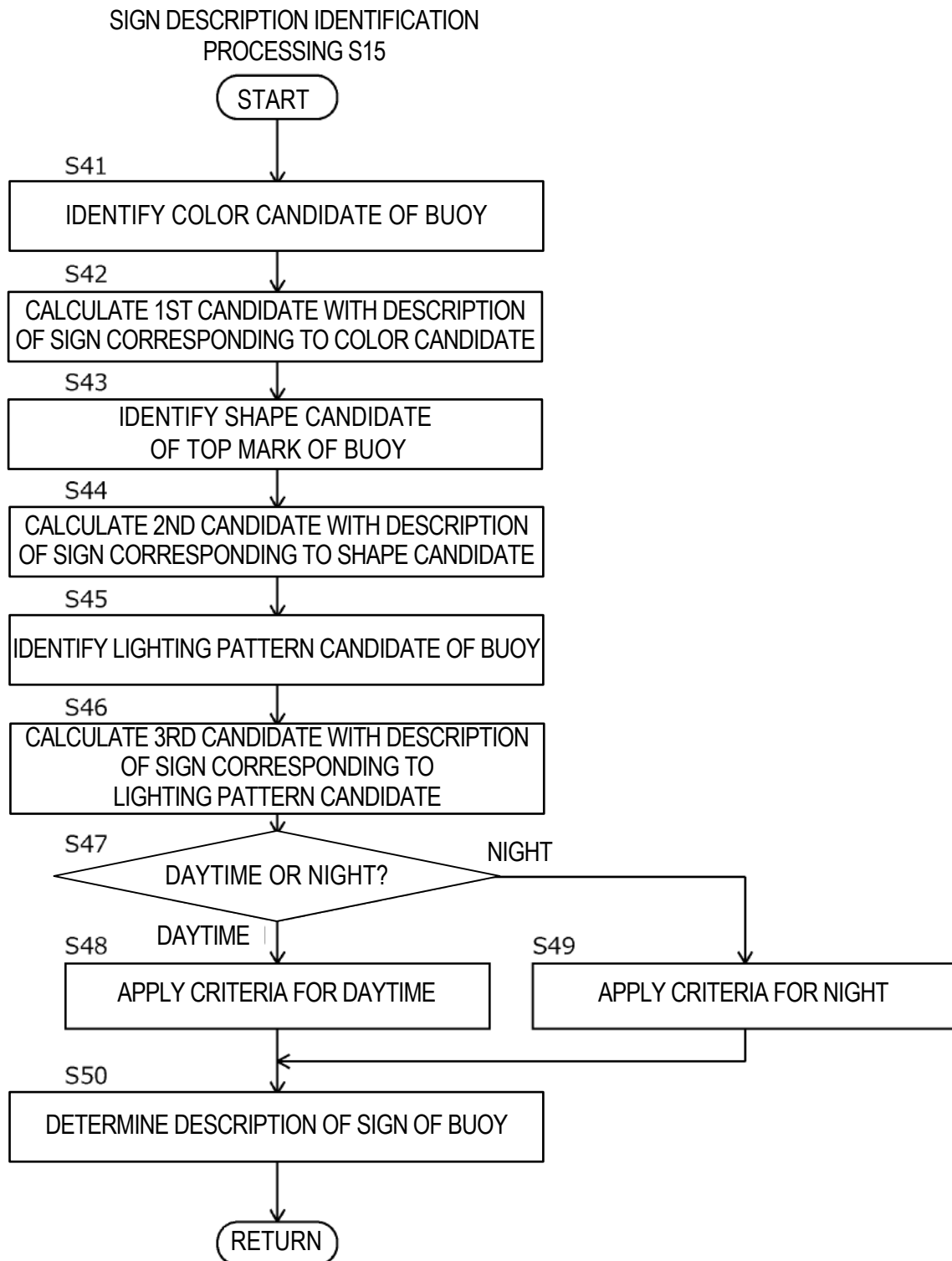


FIG. 18

CLASSIFICATION	DESCRIP- TION	COLOR	TOP MARK SHAPE	LIGHTING PATTERN	LIGHT COL
LATERAL SIGN	PORT SIGN	GREEN	1 CYLINDER	SINGLE FLASHING (PERIOD:3-5 SEC)  GROUP FLASHING (2 PER 6 SEC)  MORSE CODE  CONTINUOUS SCINTILLATING 	GRN
	STARBOARD SIGN	RED	1 CONE	SINGLE FLASHING (PERIOD:3-5 SEC)  GROUP FLASHING (2 PER 6 SEC)  MORSE CODE  CONTINUOUS SCINTILLATING 	RED
DIRECTION- AL SIGN	NORTH SIGN	BLACK ABOVE YELLOW	2 CONES, ONE ABOVE OTHER, POINTS UP	CONTINUOUS SCINTILLATING 	WHITE
	EAST SIGN	1 YELLOW BAND ON BLACK	2 CONES, ONE ABOVE OTHER, BASE TO BASE	GROUP FLASHING (3 QUICK FLASHES PER 10 SEC) 	WHITE
	SOUTH SIGN	YELLOW ABOVE BLACK	2 CONES, ONE ABOVE OTHER, POINTS DOWN	GROUP SCINTILLATING (6 QUICK AND 1 LONG FLASHES PER 15 SEC) 	WHITE
	WEST SIGN	1 BLACK BAND ON YELLOW	2 CONES, ONE ABOVE OTHER, POINT TO POINT	GROUP SCINTILLATING (9 QUICK FLASHES PER 15 SEC) 	WHITE
ISOLATED OBSTRUCTION SIGN		1 OR MORE RED BAND ON BLACK	2 SPHERES, ONE ABOVE OTHER	GROUP FLASHING (2 PER 5 OR 10 SEC) 	WHITE
SAFE WATER AREA SIGN		RED x WHITE STRIPE	1 SPHERE	ISOPHASE (2 SEC LIGHT, 2 SEC DARK)  MORSE CODE  LONG FLASHING (1 PER 10 SEC) 	WHITE
SPECIAL SIGN		YELLOW	1 CROSS	SINGLE FLASHING (PERIOD:3-5 SEC)  GROUP FLASHING (5 PER 20 SEC)  MORSE CODE 	YEL

FIG. 19