Right	Last Warning		Last Danger		Last HDanger	
Current Warning	SPD Warning	AG Warning	SPD Danger	AG Warning	SPD Danger	AG Warning
Current Danger	SPD Danger	AG Danger	SPD HDanger	AG Danger	SPD HDanger	AG Danger
Current HDanger	SPD HDanger	AG HDanger	SPD HDanger	AG HDanger	SPD EX HDanger	AG HDanger

Left	Last Warning		Last Danger		Last HDanger	
Current Warning	SPD Warning	AG Warning	SPD Danger	AG Warning	SPD Danger	AG Warning
Current Danger	SPD Danger	AG Danger	SPD HDanger	AG Danger	SPD HDanger	AG Danger
Current HDanger	SPD HDanger	AG HDanger	SPD HDanger	AG HDanger	SPD EX HDanger	AG HDanger

ALLCLEAR	Last	
Current	SPD ALLCLEAR	AG ALLCLEAR
Front obstacle	Last	
Current	SPD Front obstacle	AG Front obstacle
Unknown	Last	
Current	SPD Unknown	AG Unknown

Right→Left Diff=|last-current|/4 Sign same as current		Right Last					
		Last Warning		Last Danger		Last HDanger	
Left Current	Current Warning	SPD Warning	AG Diff	SPD Danger	AG Warning	SPD Danger	AG Warning
	Current Danger	SPD Danger	AG Danger	SPD HDanger	AG Diff	SPD HDanger	AG Danger
	Current HDanger	SPD HDanger	AG HDanger	SPD HDanger	AG Hdanger	SPD EX HDanger	AG Diff

Right→ ALLCLEAR	Right Last					
	Last Warning		Last Danger		Last HDanger	
ALLCLEAR Current	SPD ALLCLEAR	AG ALLCLEAR	SPD ALLCLEAR	AG ALLCLEAR	SPD ALLCLEAR	AG ALLCLEAR

Right→ FrontObstacle	Right last					
	Last Warning		Last Danger		Last HDanger	
FrontObstacle Current	SPD Front Obstacle	AG Front Obstacle	SPD Front Obstacle	AG Front Obstacle	SPD Front Obstacle	AG Front Obstacle
Right→Unknown	Right last					
	Last Warning		Last Danger		Last HDanger	
Unknown Current	SPD Unknown	AG Unknown	SPD Unknown	AG Unknown	SPD Unknown	AG Unknown

Left→Right Diff=|last-current|/4 Sign same as current		Left Last					
		Last Warning		Last Danger		Last HDanger	
Right Current	**Current Warning**	SP Warning	AG Diff	SPD Danger	AG Warning	SPD Danger	AG Warning
	Current Danger	SPD Danger	AG Danger	SPD HDanger	AG Diff	SPD HDanger	AG Danger
	Current HDanger	SPD HDanger	AG HDanger	SPD HDanger	AG HDanger	SPD EX HDanger	AG Diff

Left→ ALLCLEAR	Left Last					
	Last Warning		Last Danger		Last HDanger	
ALLCLEAR Current	SPD ALLCLEAR	AG ALLCLEAR	SPD ALLCLEAR	AG ALLCLEAR	SPD ALLCLEAR	AG ALLCLEAR

Left→ FrontObstacle	Left last					
	Last Warning		Last Danger		Last HDanger	
FrontObstacle Current	SPD Front Obstacle	AG Front Obstacle	SPD Front Obstacle	AG Front Obstacle	SPD Front Obstacle	AG Front Obstacle
Left→Unknown	Left last					
	Last Warning		Last Danger		Last HDanger	
Unknown Current	SPD Unknown	AG Unknown	SPD Unknown	AG Unknown	SPD Unknown	AG Unknown

Allclear➜Right		Allclear last	
Right Current	**Current Warning**	**SPD Warning**	**AG Warning**
	Current Danger	**SPD Danger**	**AG Danger**
	Current HDanger	**SPD HDanger**	**AG HDanger**

Allclear➜Left		Allclear last	
Left Current	**Current Warning**	**SPD Warning**	**AG Warning**
	Current Danger	**SPD Danger**	**AG Danger**
	Current HDanger	**SPD HDanger**	**AG HDanger**

Allclear➜FrontObstacle		Allclear last	
Current FrontObstacle		**SPD FrontObstacle**	**AG FrontObstacle**
Allclear➜Unknown		**Allclear**	
Current Unknown		**SPD Unknown**	**AG Unknown**

FrontObstacle➜Right		FrontObstacle last	
Right Current	**Current Warning**	**SPD HDanger**	**AG Warning**
	Current Danger	**SPD EX HDanger**	**AG Danger**
	Current HDanger	**SPD FrontObstacle**	**AG HDanger**

FrontObstacle→Left		**FrontObstacle last**	
Left **Current**	**Current** **Warning**	**SPD** **HDanger**	**AG** **Warning**
	Current **Danger**	**SPD** **EX HDanger**	**AG** **Danger**
	Current **HDanger**	**SPD** **FrontObstacle**	**AG** **HDanger**

FrontObstacle→Allclear		**FrontObstacle**	
Allclear	**Current** **Allclear**	**SPD** **Allclear**	**AG** **Allclear**
FrontObstacle→Unknown		**FrontObstacle**	
Unknown	**Current** **Unknown**	**SPD** **Unknown**	**AG** **Unknown**

Unknown→Right		**Unknown**	
Right	**Current** **Warning**	**SP** **Warning**	**AG** **Warning**
	Current **Danger**	**SPD** **Danger**	**AG** **Danger**
	Current **HDanger**	**SPD** **HDanger**	**AG** **HDanger**

Unknown→Left		**Unknown**	
Left	**Current** **Warning**	**SP** **Warning**	**AG** **Warning**
	Current **Danger**	**SPD** **Danger**	**AG** **Danger**
	Current **HDanger**	**SPD** **HDanger**	**AG** **HDanger**

Unknown→Allclear		Unknown	
Allclear	**Current** **Allclear**	**SPD** **Allclear**	**AG** **Allclear**
Unknown→FrontObstacle		**Unknown**	
FrontObstacle	**Current** **FrontObstacle**	**SPD** **FrontObstacle**	**AG** **FrontObstacle**

NOTICES:

	FOR SPEED	**FOR SPEED**
Warning	**3SP**	**+/-AG**
Danger	**2SP**	**+/-2AG**
HDanger	**SP**	**+/-3AG**
EX HDanger	**1/2SP**	**+/-3AG**
FRONOBSTACLE	**0**	**4AG**
ALLCLEAR	**4SP**	**0**
UNKNOWN	**3SP**	**0**
SP	**0.1**	
AG	**PI/8**	

RIGHT **AG: + (positive)**	
LEFT **AG: - (nagtive)**	