

08/10/01

Document on telltales for GRSG/AC3

1. Background

When Italy proposed developing a GTR on motorcycle telltales and symbols (WP.29/2006/74), AC3 asked GRSG to analyse whether or not the same problems would arise as had arisen during the discussions of a similar proposal for passenger cars.

IMMA undertook to review the situation in relation to:

- the similarity of the symbols used (cars and motorcycles)
- the results of the Alliance study on the recognisability of the symbols
- current market practice

The results are summarised in *Annex 1*.

2. Discussion

There are 21 symbols listed in the Italian proposal.

Of these:

- 13 are already used worldwide
- 4 are for devices not fitted in some of the markets
- 2 have alternative options to the symbol
- 1 is a marking that is not required in all markets
- 1 apparently is not used at all

The scores from the Alliance study reflect this market reality, as well as the fact that some symbols are unique to motorcycles.

3. Conclusion

Most of the symbols are used world wide, which justifies using them in a GTR. Others are currently more frequently found in some regions or might be used in future situations.

Several Contracting Parties allow the use of the national language as an alternative means of marking controls. This practice should continue when the GTR is implemented by such administrations and a phrase indicating this possibility should be included in the GTR.









On this basis, IMMA thinks that the proposed symbols could all be included in a GTR so that they are available for any administration wishing to make use of them.

Dr NM Rogers

Annex 1

Analysis				Current Market practice													Comments
Icon #	Comprehension 5 or better [%]	Motorcycle icon	Definition for motorcycle	Comments	Japan	US&Canada	EU	Australia	ASEAN	China	India	Other Asia	Latin America	Middle East	Africa		
1	96		Passing Beam		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Used worldwide
2	0		Supplemental Engine Stop Control	Low scores because not used in cars	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Used worldwide
3	0		Supplemental Engine Stop Control	Low scores because not used in cars	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Used worldwide
4	11		Manual Choke	Low scores because automatic in cars	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Used worldwide
5	91		Turn Signal		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Used worldwide
6	100		Fuel Level Indicator		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Used worldwide
7	97		Horn		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Used worldwide
8	93		Engine Oil		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Used worldwide
9	85		Radiator Warning Light		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Used worldwide
10			Engine Coolant Temperature	Not included in the Alliance study	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Used worldwide
11			Driving Beam	Not included in the Alliance study	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Used worldwide
12			Neutral Indicator	Not included in the Alliance study	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Used worldwide
13			Electric Starter	Not included in the Alliance study	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Used worldwide

Y = used in the market
 - = status unknown

Analysis				Current Market practice												
Icon #	Comprehension 5 or better [%]	Motorcycle icon	Definition for Motorcycle	Comments	Japan	USA/Canada	EU	Australia	ASEAN	China	India	Other Asia	Latin America	Middle East	Africa	Comments
14	74		Position Sump	Motorcycles often use the dashboard light instead	Y	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	There is an alternative
15	83		Malfunction in antilock brake system		Y	Y	Y	Y	-	Y	-	Y	Y	Y	Y	Device not fitted in some markets
16	78		Parking Lamp		Y	Y	Y	Y	-	-	-	-	Y	Y	Y	Device not fitted in some markets
17			Fuel Tank Shut Off valve On Reserve	Not included in the Alliance study	-	In FMVSS 123 but not widely used	Y	-	-	Y	-	Y	Y	Y	Y	Marking not required in some markets. Increasingly automatic cut-offs
18	68		Lighting Control Switch	Motorcycles often use the dashboard light instead	-	-	-	-	Y	Y	Y	Y	-	-	-	There is an alternative
19	42		Front Fog Lamp	Low scores because not installed in USA	-	Y	Y	Y	-	-	-	-	-	-	-	Device not fitted in some markets
20	40		Rear Fog Lamp	Low scores because not installed in USA	-	-	-	-	-	-	-	-	-	-	-	Device not fitted in some markets
21	99		Battery Charging		-	-	-	-	-	-	-	-	-	-	-	Apparently not used on motorcycles, but could be necessary for electric vehicles

Y = used in the market
"-" = status unknown