**Inconsistencies - IEC61174 and S-52 6.1 (2014)**

**Email to Tom Mellor dated 9 November 15**

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I am using the following:

* IEC61174 Ed 4 FDIS as the BS hasn’t been released yet though I don’t expect any changes.
* Draft S52 6.1 including Preslib 4.0 from January 2014.

**Issues Identified**

1)      IEC61174 M.4.5 Prohibited and restricted areas layer includes viewing group 26230 but in S52 it is “na”.

2)      IEC61174 M.4.5 Prohibited and restricted areas layer includes viewing group 26240 but in table M.1 (and in S52) it is in layer 4 - Boundaries and limits.

3)      IEC61174 M.4.6 Ferry routes layer. According to S52 FERYRT is viewing group 25030 and not part of viewing group 26040. 25030 is part of layer 8 – routeing.

4)      IEC61174 M.4.7 Archipelagic sea lanes layer has archipelagic sea lanes as viewing group 26060 rather than 26260.

5)      IEC61174 M.4.9 Traffic routeing layer doesn’t include all viewing groups from 25010-25060 as specified in table M.1 and S52. Viewing group 25030 is mentioned in M.4.6, see 3) above. Viewing Group 25040 isn’t mentioned.

6)      IEC61174 M.5.2 Natural and man-made features, Port features layer refers to viewing group 31030 rather than 32030.

7)      IEC61174 M.5.2 Natural and man-made features, Port features layer refers to viewing group 31050 rather than 32050.

8)      IEC61174 M.5.2 Natural and man-made features, Port features layer refers to viewing group 31070 rather than 32070.

9)      IEC61174 M.5.2 Natural and man-made features, Port features layer includes viewing group 32430 but in S52 it is “na”. It refers to DISMAR which is viewing group 27030 and in layer 3.1 – Buoys and beacons.

10)   IEC61174 M.5.2 Natural and man-made features, Port features layer includes viewing group 32460 but in S52 it is “na”. It refers to GRIDRN which is viewing group 27060 and in layer 3.1 – Buoys and beacons.

11)   IEC61174 M.5.3 Depths, currents etc. layer includes viewing group 33040 (water turbulence) but in table M.1 (and in S52) it is in layer 16 – Seabed. It does seem more logical to have it with other tidal objects agreeing with its 33### viewing group. Which is correct?

12)   IEC61174 M.5.4 Seabed, obstructions, pipelines layer includes viewing group 34040 but in S52 it is “na”. It refers to FSHHVN & FSHFAC. FSHHVN has been deleted. FSHFAC is part of viewing group 26210 and should be in layer 5 – Prohibited and restricted areas layer though not explicitly specified so maybe layer 10 - Miscellaneous.