

**8th CSPCWG Meeting
Turku, Finland, 29 November – 2 December 2011**

**Paper for Consideration by CSPCWG
Printing plans on the back of charts**

Submitted by:	UK
Executive Summary:	A very few HO's print plans on the back of charts. This may cause problems for the user and also printer nations.
Related Documents:	None
Related Projects:	None

Introduction / Background.

CSPCWG Secretary was asked by another HO:

‘Is there any recommendation about putting plans on the back of the international Nautical Paper Charts? Is that recommendation in S4 or any Circular letters?’

In fact, there does not seem to be any such recommendation in S-4. However, at least two countries do this.

Analysis / Discussion.

The following points should be considered:

- S-4 (and Circular Letters as far as we are aware), do not mention putting plans on the back of charts.
- Mariner colleagues with sea-going experience expressed very strong opinion that printing plans on the reverse side of a chart is undesirable. The main reasons are:
 - Transferring position from one to the other is made very difficult
 - Situational awareness requires that both charts can be seen at the same time (assuming the plan on the reverse has at least partly common area with the other side).
- There may be possible difficulties in applying NMs.
- For an INT chart, printing on both sides could cause considerable difficulty for any nation reproducing the chart.

S-4 A-302.3 states:

It is likely that, either temporarily or permanently, there will be national requirements, reflecting a country's needs or preferences, to introduce minor variations into the specifications. Such factors will inevitably affect the degree of modification which a printer nation is obliged, or chooses, to make to a producer nation's reproduction material. However, **the aim of the international chart concept is to produce a series which is capable of being reproduced with minimum modification**, and the importance of producer offices adhering closely to the specifications is obvious. (Bold added)

In adopting another HO's charts, very few nations will be able or prepared to print plans on the reverse of a chart. If it is decided by printer nations to print the plan as a separate chart, this will cause a minor problem with the INT number (as the same

INT number should not appear on two different charts). While S-4 does not directly forbid printing on both sides, the practice would be contrary to the guidance at A-302.3 above.

Conclusions.

Printing plans on the back of a chart should be discouraged, especially for International charts.

Recommendations.

Amend S-4 as follows:

A-202.1c: add:

‘However, plans must not be added to the back of an international chart.’

A-302.3: add:

‘Plans must not be added to the back of an international chart, as some printer nations may be unable to adopt this practice and it would impair their ease of use.’

B-210: add new paragraph before the existing note:

‘The working part of a chart should be printed on only one side of the paper, ie larger scale or continuation plans should not be printed on the reverse side, as this would impair their ease of use. For International charts, plans must not be printed on the reverse.’

B-254: add new paragraph after ‘S-32’:

‘Plans should not be printed on the back of a chart, see B-210.’

Justification and Impacts.

A few HOs may need to rescheme some of their charts, for the benefit of the user and potential printer nations.

Action required of CSPCWG.

The CSPCWG is invited to:

Endorse the recommendations.