# Interactive comment on "Study on organic matter fractions in the surface micro layer in the Baltic Sea by spectrophotometric and spectrofluorometric methods" by Violetta Drozdowska et al. 

## Violetta Drozdowska et al.

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Thank you very much for reviewing the manuscript and your comments.
I'm making corrections to Reviewer \#1 so in 1-2 days I'll put my response to Reviewer \#1 and it'll satisfy you comments as well.

Now, l'm refering to the comments of the Reviewer \#3.
" So agreeing with most of the commands of my respectable anonymous peer-review
colleagues, I will just comments on thing which I did not see in their comments. "

1. The fluorescence intensities $A, C M$ and $T$ should be explained in the abstract. Something simple like "fluorescence intensities at Coble classification peaks" should be enough to give some hint to the reader what they are. I'll put into the abstract the information about naming of $\mathrm{A}, \mathrm{C}, \mathrm{M}$ and T as "fluorescence intensities at Coble classification peaks".
2. Units in the figures should be presented in [ ] braces. I put the all units in the all figures '[]' brackets, except Fig. 1.
3. Date format in Table 1 is certainly not something most English native speakers will recognize. Because of the US/UK dichotomy (09/11/2001 versus 11/09/2001), I suggest using month names explicitly (11 September 2001). The hyphen in "October'2015" is not necessary (at least in two places). One uses it only to shorten the year (October '15). Thank you, I wrote the name of date in Table 1 explicitly.
4. I commend the authors for using unitless practical salinity (as all the relevant standards have it). However, the word "practical" should be added somewhere before salinity to make it obvious that the salinity was not absolute. Thank you. I just put the name "Practical salinity" - as a description of the $X$ axes in Fig. 3 and Fig.5.
I put the corrections referring to Reviewr \#2 and \#3 together to the Corrected Manuscript.

Please also note the supplement to this comment:
http://www.ocean-sci-discuss.net/os-2017-4/os-2017-4-AC2-supplement.pdf

[^0]

Fig. 1.

C3




Fig. 2.



Fig. 3.

C5


Fig. 4.


Figure 6. Dependence of the fluorescence intensity of the main fDo
plots for (a) coastal water (salinty $<7$ ) and ( $b$ ) open sea (salinity $>7$.

Fig. 5.

C7

Fig. 6.


[^0]:    Interactive comment on Ocean Sci. Discuss., https://doi.org/10.5194/os-2017-4, 2017.

