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|  | **Doc. STG(13)22** |
| **WGSE STG** |  |
| **34th Meeting of SE STG** **Copenhagen, Denmark, 17 – 18 April 2013** |  |
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| **Source:** | Bundesnetzagentur |
| **Subject:** | Default values used by creating a new SEAMCAT workspace |

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| Password protection required? (Y/N) | **N** |

# Introduction

The actual default values in SEAMCAT are useful to run the workspace without any warning messages. If the ticket [#995](http://tractool.seamcat.org/ticket/995) is applied, the consistency check is disabled. If the user causes one of the offered options the calculated values have to have in line with the consistency check.

# Proposal

The calculations of the values are:

The actual default value for the noise floor (N) is: -110 dBm

The actual default value for the sensitivity (C) is: -103 dBm

The noise floor (N) can be derived with:

Per default B is 200 kHz, this leads to a noise floor of: -**121 dBm**

The values in the interference criteria panel should be not changed:



With the calculated noise floor of 121 dBm and the default value for C/(N+I) we get the following values:

Therefore it is proposed to change the default values for the noise floor and sensitivity.

Noise floor = **-121dBm**

Sensitivity = **-105dBm**