Subject: Cherenkov photons die at the mirror with the new external packages (Feb11)
Posted by Maria Patsyuk on Tue, 22 Feb 2011 13:21:36 GMT
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Hello,

after switching to the new external packages (Feb11) Cherenkov photons in the Barrel DIRC simulation started to die on the mirror (see pictures - first is with the old Jan10 packages, the second - with the new Feb11 ones).

I used exactly the same code (PndDrc class and simulation macro) to produce these two pictures, only the version of external packages was different (Jan10 and Feb11).

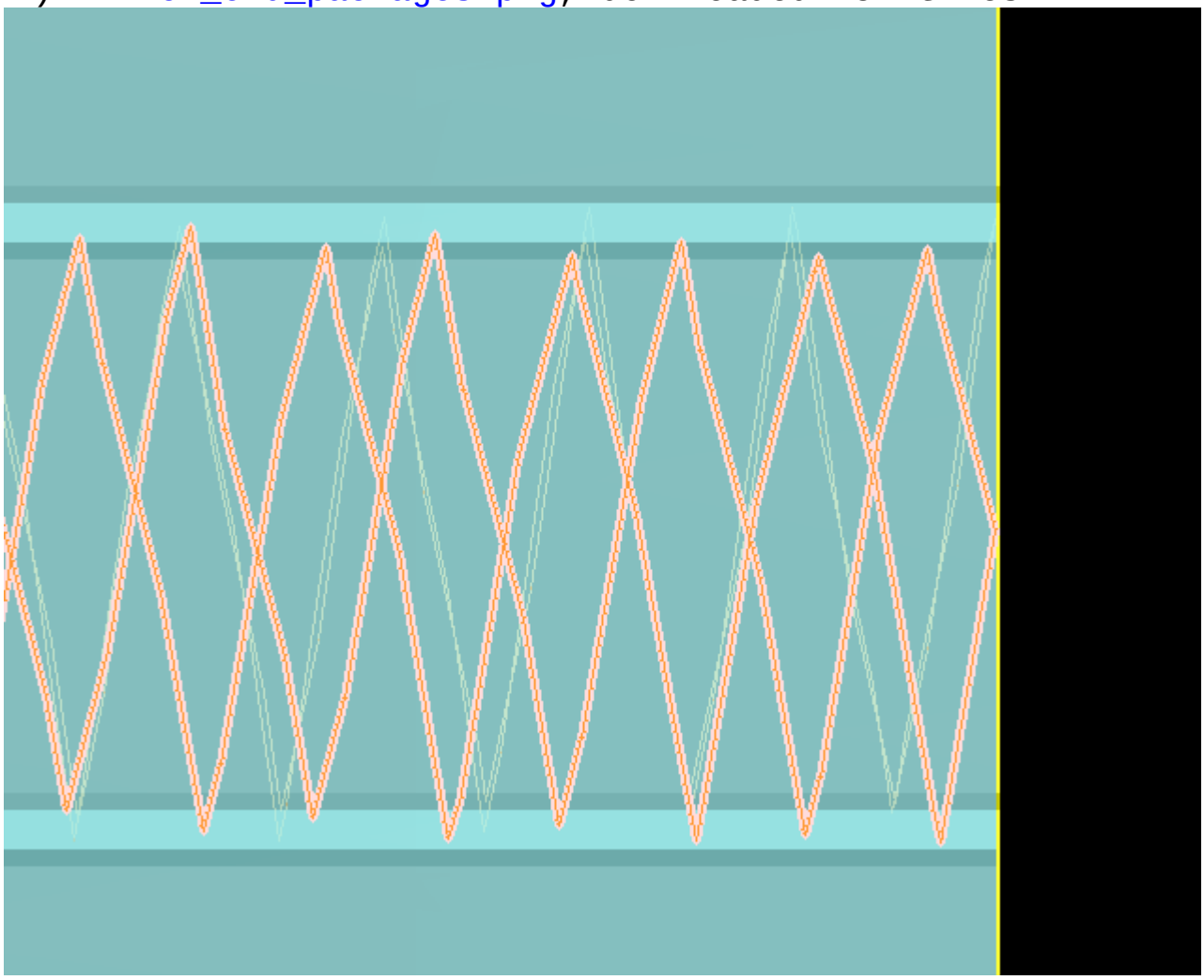
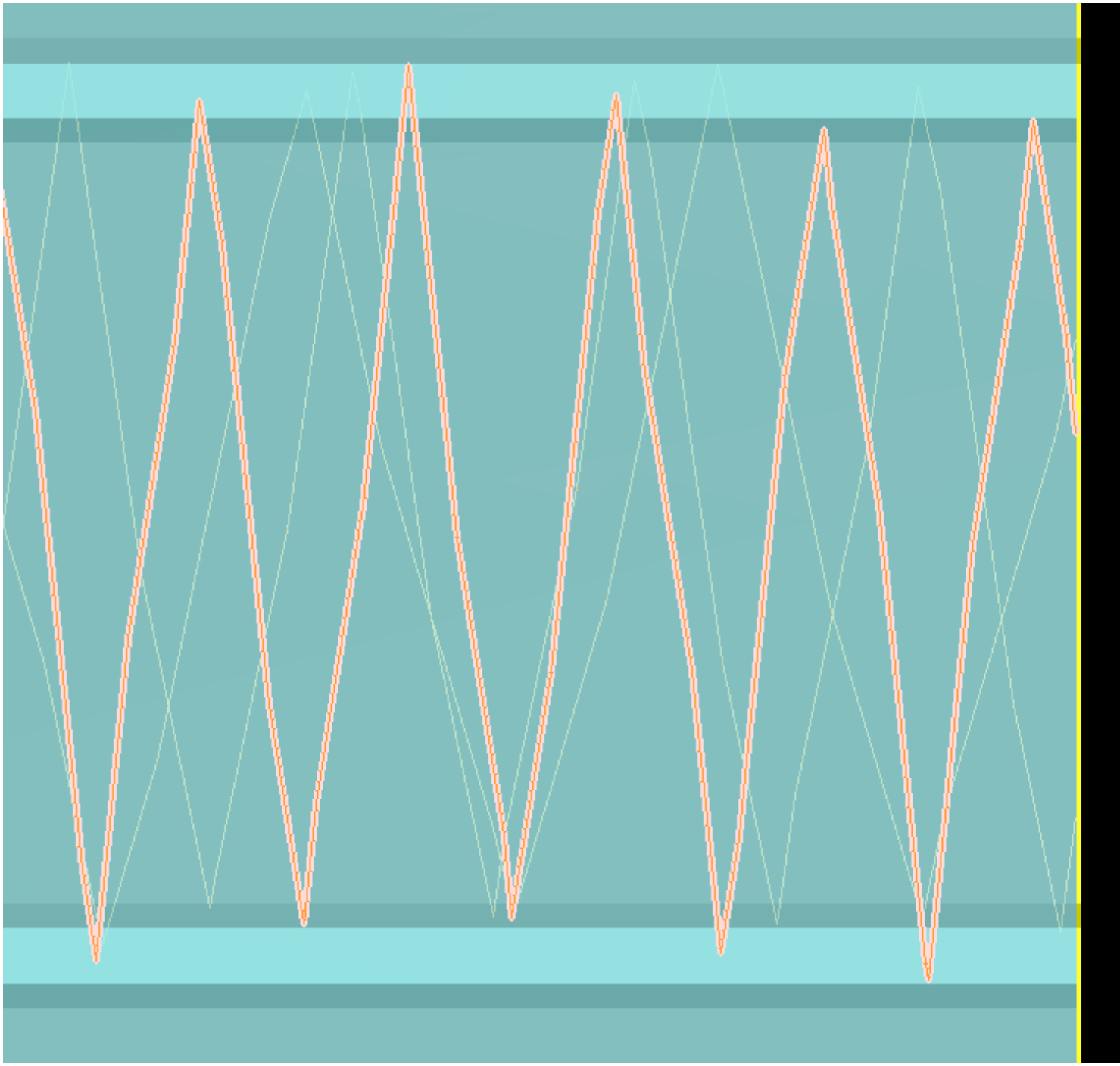
And I also checked the geometry - it has no overlaps.

I would appreciate any hint helping to find out where does it come from.

Best regards,
Maria Patsyuk

File Attachments

1) mirror_old_packages.png, downloaded 752 times



2) mirror_new_packages.png, downloaded 785 times