SeaSonde 10
AngSeg File format
Dec 29, 2003

AngSeg.txt Angular Sector Coverage filter

This file is text based and requires a linefeed character (ASCII 10) as an end-of-line indicator. The SeaSonde10 processing software will not be able to correctly read the file if it the end-of-line is some other character(s) like a return or return-linefeed combination.

For previous SeaSonde4 OS9 release, this file is named differently and required a return character (ASCII 13) as an end-of-line character.

SeaSonde10	SeaSonde4 (OS9)
AngSeg.dat	AngSeg.txt

The default **AngSeg.txt** installed by SeaSonde10 allows 360degree coverage. To create a radial site-specific coverage filter, use the SeaDisplay application.

AngSeg defines the angular bearing filter for radial vectors.
The file is text based and requires a linefeed character (ASCII 10) as an end-of-line indicator.

CCWN is Counter-Clockwise from True North.
The AngSeg file must be created to match the number of range cells and match the range step distance in use by the SeaSonde Radial Site. If it does not match, then the filtering of radials may not do what you intended; this does not matter for 360deg coverage since the coverage is the same regardless of range cell spacing. If the AngSeg file contains less range cells than in use, the Radial Site processing software will extend the last AngSeg range cell sector(s) as outer coverage.

AngSeg.txt file contents:

Line 1: Parameter 1: *Number of Range Cells*
Starting with Line 2:
Repeat for 1 to *Number of Range Cells*
Line N: Parameter 1: *Number of Sectors*
Line N: Parameter 2: *Range Cell Distance in kilometers (Optional. Not used or verified by software)*
Line N: Parameter 3: *Range Cell Index (Optional. Not used or verified by software)*
Repeat for 1 to *Number of Sectors*
Line N: Parameter 1: *Sector Bearing Center degrees CCWN*
Line N: Parameter 2: *Sector Coverage degrees.*
End Repeat
End Repeat
End File