NOAA Ship THOMAS JEFFERSON Procedure Document

Procedure:
Line Spacing 101
Creation Date:
07-18-2020
Revision Date: 4-14-2021
Software used: NA
Procedure Number:
TBD
Approved:
TBD

1. Overview and Scope

How to calculate line spacing

2. Procedure Inputs and Outputs

Inputs: Least depth, swath width, draft, and range scale.

Outputs: line spacing

2. Procedure

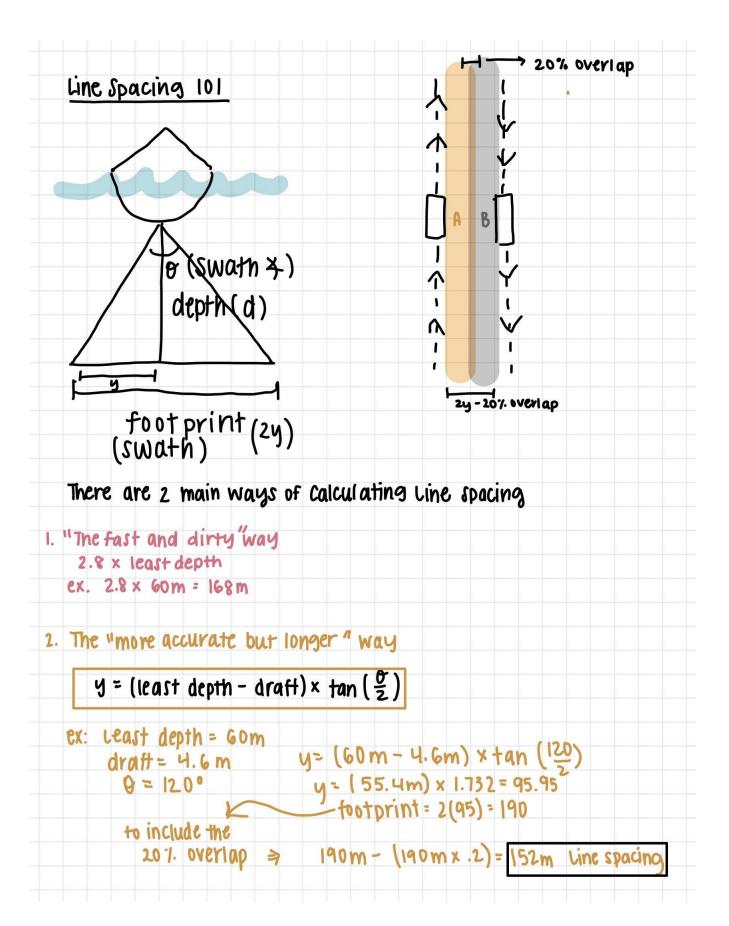
SIDE SCAN LINES

For Side Scan, make polygons to group together like depths

- 1. Line Spacing= 1.6 x Range Scale (RS)
- 2. Towfish height range = 8-20% Range Scale (RS)

Range Scale (m)	height range (m)	Line Spacing (m)
100	8-20	160
75	6-15	120
50	4-10	80
25	2-5	40

MBES LINES



4. References