

**USGS CMG FACS RATION LOG**  
**ACTIVITY ID:**

08KCA03

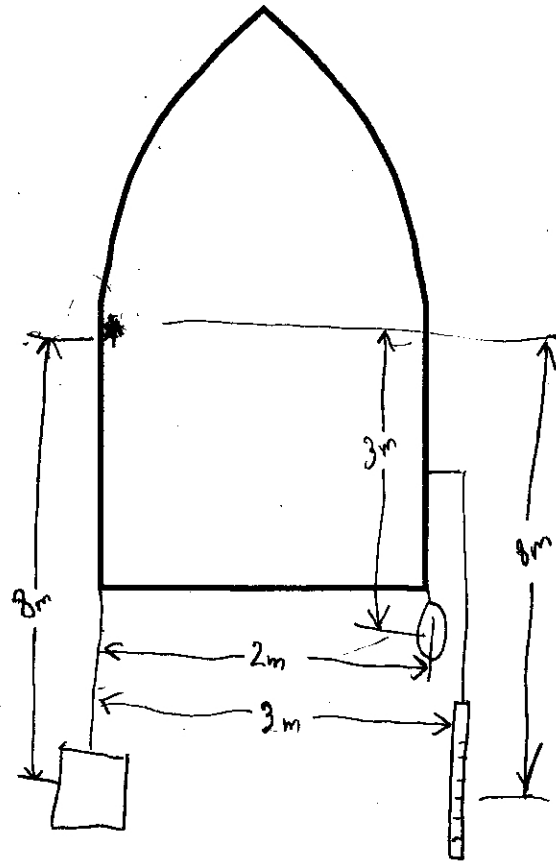
| EQUIPMENT CODE             | ID    | START DAY | START HOUR | START MINUTE | START COMMENT                                    | END DAY | END HOUR | END MINUTE | END COMMENT         | DEPTH (METERS) |
|----------------------------|-------|-----------|------------|--------------|--------------------------------------------------|---------|----------|------------|---------------------|----------------|
| Chirp                      | 08C01 | 5/13/08   | 14:58      | 58           | 50/101 ms grass / Dredge 15:11                   | 5/13/08 | 15       | 13         | 4-16 klt            |                |
| Chirp                      | 08C02 | 5/13/08   | 15         | 14           | 50 ms same / 200 ms shot                         | 5/13    | 15       | 37         | 4-24 kHz            |                |
| boom                       | 08B01 | 5/13/08   | 17         | 50           | 500 ms shot 100 ms sro 360V (398V on)            | 5/13    | 18       | 21         | LVB / Small W12584  |                |
| boom                       | 08B02 | 5/13/08   | 18         | 25           | 61 kHz samp freq                                 | 5/13    | 18       | 47         | "                   |                |
| boom                       | 08B03 | 5/13/08   | 18         | 47           | "                                                | 5/13    | 19       | 15         | "                   |                |
| boom                       | 08B04 | 5/13/08   | 19         | 27           | "                                                | 5/13    | 19       | 44         | "                   |                |
| boom                       | 08B05 | 5/13/08   | 19         | 44           | "                                                | 5/13    | 20       | 05         | "                   |                |
| boom                       | 08B06 | 5/13/08   | 20         | 06           | shot 29 28-beats                                 | 5/13    | 20       | 33         | "                   |                |
| boom                       | 08B07 | 5/13/08   | 20         | 35           | shot 1172-beats                                  | 5/13    |          |            | "                   |                |
| <b>NOTE: No line 08B08</b> |       |           |            |              | Shot 1326 beats                                  |         |          |            | LVB /               |                |
| boom                       | 08B09 | 5/14/08   | 14         | 16           | 500 shot / 100 aeg 20 kHz samp. 15:00 - 6' depth | 5/14    | 15       | 04         | LVB / Ralph Seismic | 2m (7')        |
| boom                       | 08B10 | 5/14/08   | 15         | 04           | Shed spring 15:10 6.5 kph                        | 5/14    | 15       | 32         |                     |                |
| boom                       | 08B11 | 5/14/08   | 15         | 32           | Dead spring Loop 15:30                           | 5/14    |          |            |                     |                |
| boom                       | 08B12 | 5/14/08   | 15         | 42           | Trolling backer sleds / lines next to boat       | 5/14    | 15       | 45         |                     |                |
| boom                       | 08B13 | 5/14/08   | 15         | 48           | dead sink "                                      | 5/14    | 15       | 52         |                     |                |
| boom                       | 08B14 | 5/14/08   | 16         | 10           | phones / sled back to org. post.                 | 5/14    | 16       | 24         |                     |                |
| boom                       | 08B15 | 5/14/08   | 16         | 24           |                                                  | 5/14    | 16       | 35         |                     |                |
| boom                       | 08B16 | 5/14/08   | 16         | 36           |                                                  | 5/14    | 16       | 48         |                     |                |
| boom                       | 08B17 | 5/14/08   | 16         | 48           |                                                  | 5/14    | 17       | 02         | turning west        |                |
| boom                       | 08B18 | 5/14/08   | 17         | 02           | heading east                                     | 5/14    | 17       | 28         |                     |                |
| boom                       | 08B19 | 5/14/08   | 17         | 28           |                                                  | 5/14    | 17       | 50         |                     |                |

Gamm 70cs

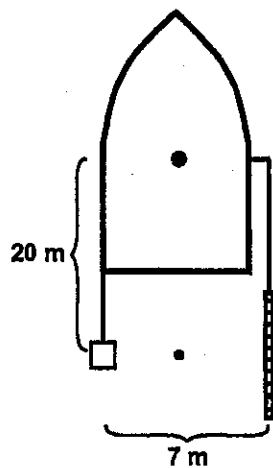
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FILL OUT THE DIAGRAM TO SHOW ACQUISITION GEOMETRY.  
INCLUDE GPS-TO-SHOT DISTANCE, SLED-TO-SHOT DISTANCE,  
AND STREAMER-TO-SHOT DISTANCE.

- GPS antenna 
- boomer 
- streamer 
- chirp 
- sidescan 
- shot 



BOOMER EXAMPLE



CHIRP EXAMPLE

