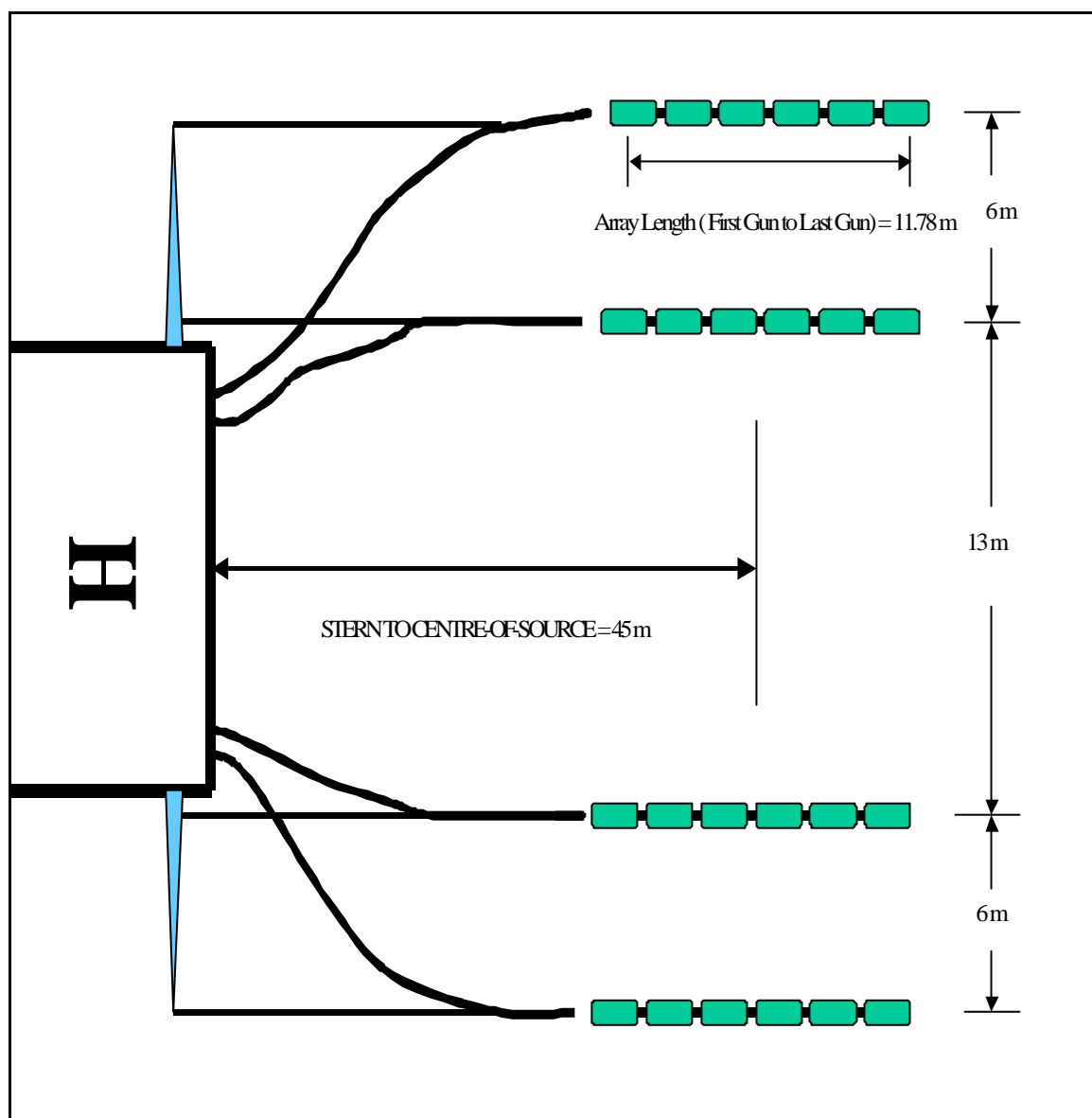


## Section 3: Equipment Configuration

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## 1 Towing Configuration



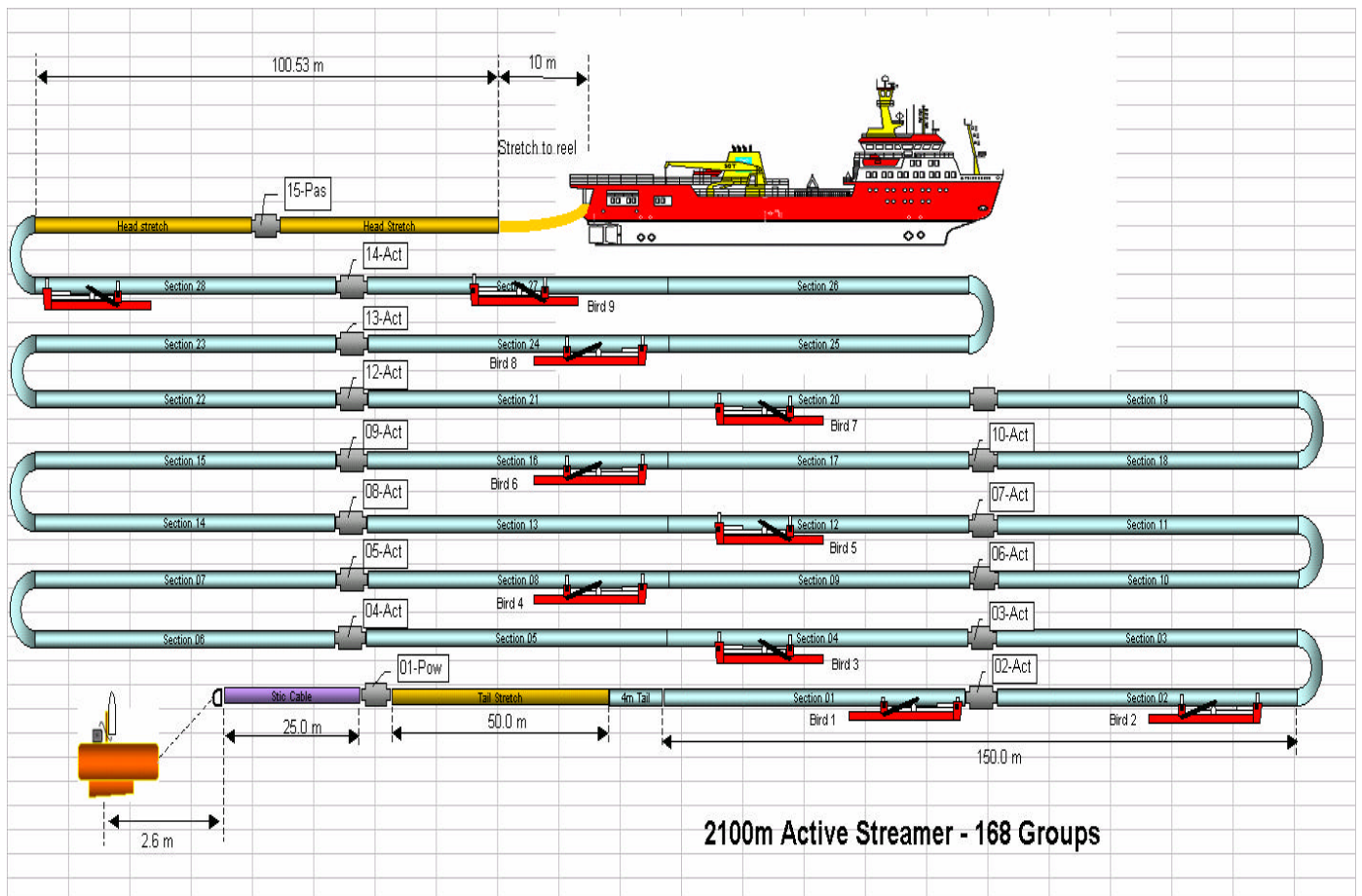
## 2 Streamer Configuration

### 2.1 Streamer System Description

Syntrak 960 Streamer Details	
Number of Streamers	1
Type of Streamer	Syntrak 960-24, RDA 1
Numbering Convention	1 Tail – 168 Vessel
Section Length	75-m nominal
Streamer Length	2100m
Groups per Streamer	168 Groups
Group Intervals	12.5m / 16 phones
Hydrophones Spacing	0.78125m
Jacket Type	Polyurethane, 4mm wall
Hydrophone Array	Benthos RDA split group
Ballast Fluid (fluid-quantity)	Isopar-M (200 litres/active sect)
Number of Hydrophones	8-phones / 6.25m
Channels per Electronic Module	12
Data Transmission Link	Twin Axial Pair
Active Group Lengths	12.5m
Streamer Depth	6 m +/- 1 m
Group Capacitance	0.128 uF/6.25
Group Sensitivity	20Volts/Bar
Active Data Acquisition Modules	13
Passive Data Acquisition Modules	2
Passive Power Module	1
Number of Stretch Sections	3
in Front of each Streamer	2
End of each Streamer	1
No of Compasses per Streamer	8
No of Depth Transducers per Streamer	8

## Section 3: Equipment Configuration

### 2.2 Streamer Layout 2100m



## Section 3: Equipment Configuration

### 2.3 Streamer Configuration 2100m

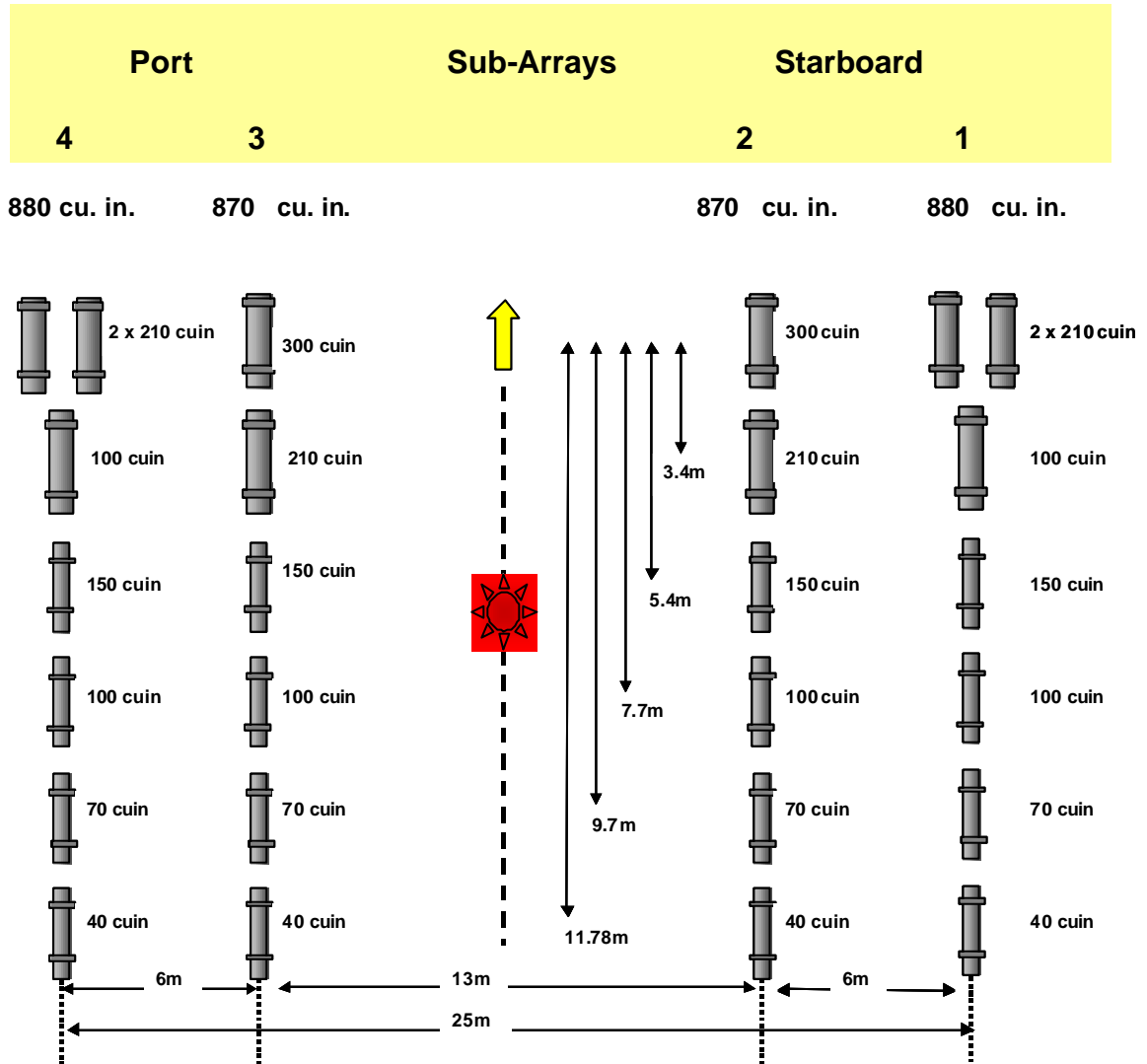
2100 meter tow from stretch.												
Section	Patch	Ser. No	Mdl	clip on	Lead	Weight	Chann.	Bird	S/N	Fin	SRD	Comments.
		Deck cable										
		1296-10020										wraps around reel.
		10291										chain as ekstra weight
		0498-10555HS										
		SE-0694-0228										chain as ekstra weight
T	28	0397-10557		1.5	0	1.5kg	163\168	10	15333			
		1907	14									
H	27	0998-31803		3.5	0	3.5kg	157\162	9	18424			
T	26	0397-10546		2	0	2.kg	151\156					
		3143	13									
H	25	C 0397-10577		2	0	2.kg	145\150					
T	24	0597-10682		3.5	0	3.5kg	139\144	8	19014			
		3245	12									
H	23	C 0397-10542		2	0	2.kg	133\138					
T	22	0297-10524		2	0	2.kg	127\132					
		3238	11									
H	21	C 0397-10538		3	0	3.kg	121\126					
T	20	0397-10554		3	0	3.kg	115\120	7	8494		SRD	
		2579	10									
H	19	C 0397-10548		1.5	0	1.5kg	109\114					
T	18	0397-10568		1	0	1.kg	103\108					
		3237	9									
H	17	0197-31025		3	0	3.kg	97\102					
T	16	0397-10533		2.5	0	2.5kg	91\96	6	7584			
		3139	8									
H	15	0297-10489		2	0	2.kg	85\90					
T	14	0197-10395		3.5	0	3.5kg	79\84					
		2578	7									
H	13	0397-10579		1.5	0	1.5kg	73\78					
T	12	0297-10527		1.5	0	1.5kg	67\72	5	26078			
		3126	6									
H	11	C 1197-20983		1.5	0	1.5kg	61\66					
T	10	0697-31296		1.5	0	1.5kg	55\60					
		2583	5									
H	9	0397-10570		3.5	0	3.5kg	49\54					
T	8	0297-10500		3	0	3.kg	43\48	4	18848			
		3251	4									
H	7	0297-10509		1	0	1.kg	37\42					
T	6	C 0297-10476		2	0	2.kg	31\36					
		3252	3									
H	5	0397-10594		2	0	2.kg	25\30					
T	4	0297-10520		1.5	0	1.5kg	19\24	3	15223		SRD	
		3234	2									
H	3	0498-31559		1.5	0	1.5kg	13\18					
T	2	0397-10595		2	0	2.kg	7\12	2	20006			
		2575	1									
H	1	0397-10541		1.5	0	1.5kg	1\6	1	7606			
4metre	1097-10024-4T											
Stretch	SS1-0297-1388HS											
	12156		PP									
Stic												
Tailbuoy												

### 3 Source Configuration

#### 3.1 Source System Description

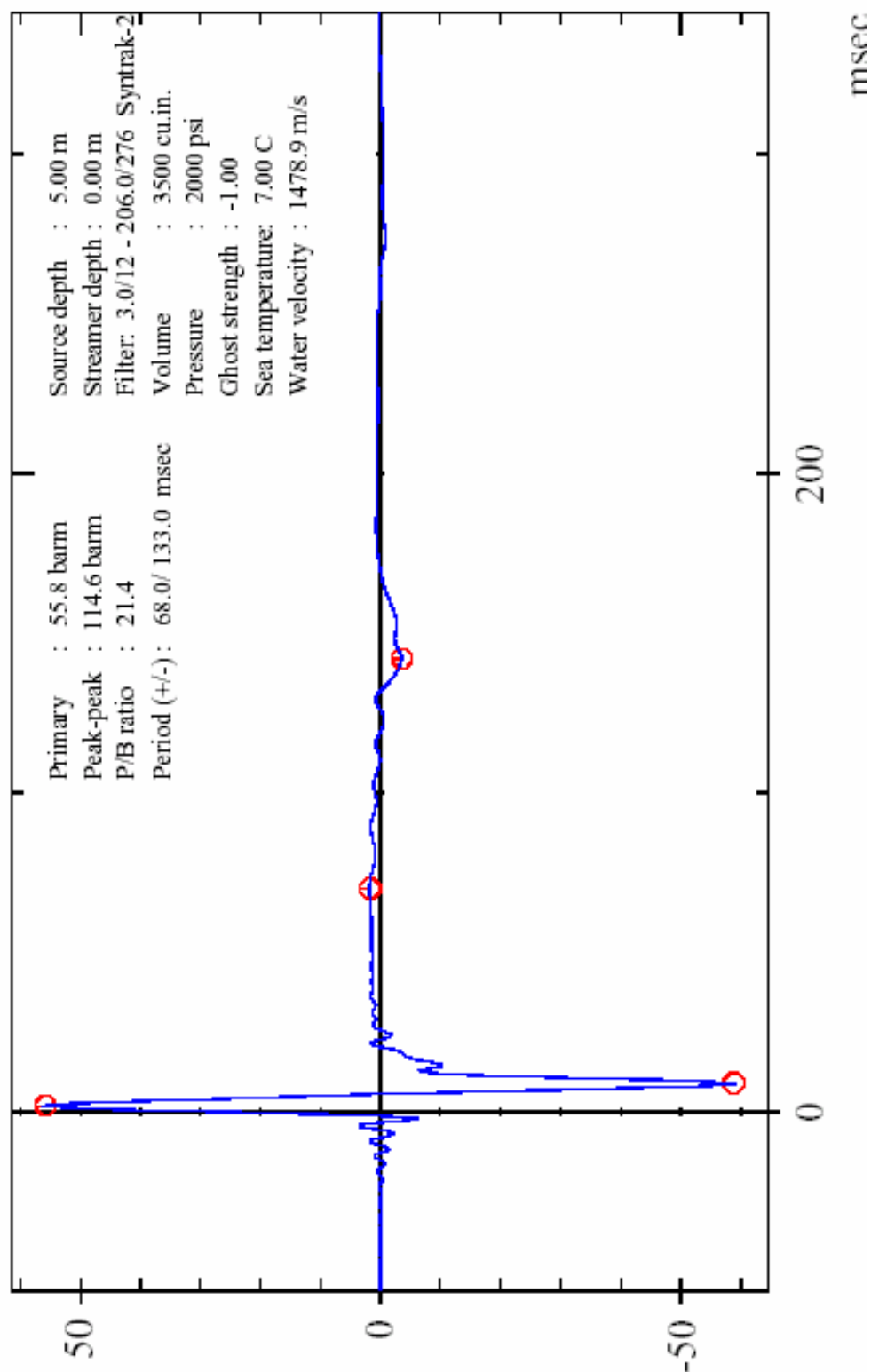
Source Parameters	
Number of Source Arrays	1
Array Separation	N/A
Array Length	11.78m
Array Width	25m
Number of Strings per Array	4
Source Volume	3500 cubic inches
Number of Hydrophones per Array	4
Number of Depth Transducers per Array	12
Number of Guns per Array	26
Number of Clusters per Array	2
Airgun Type	VS-X Sleeve Air Gun
Operating Pressure	2000 psi. (nominal)
Depth of Guns	5m
Peak-to-Peak Amplitude	114.6 barm
Primary-to-Bubble Ratio	21.4

### 3.2 Source Layout



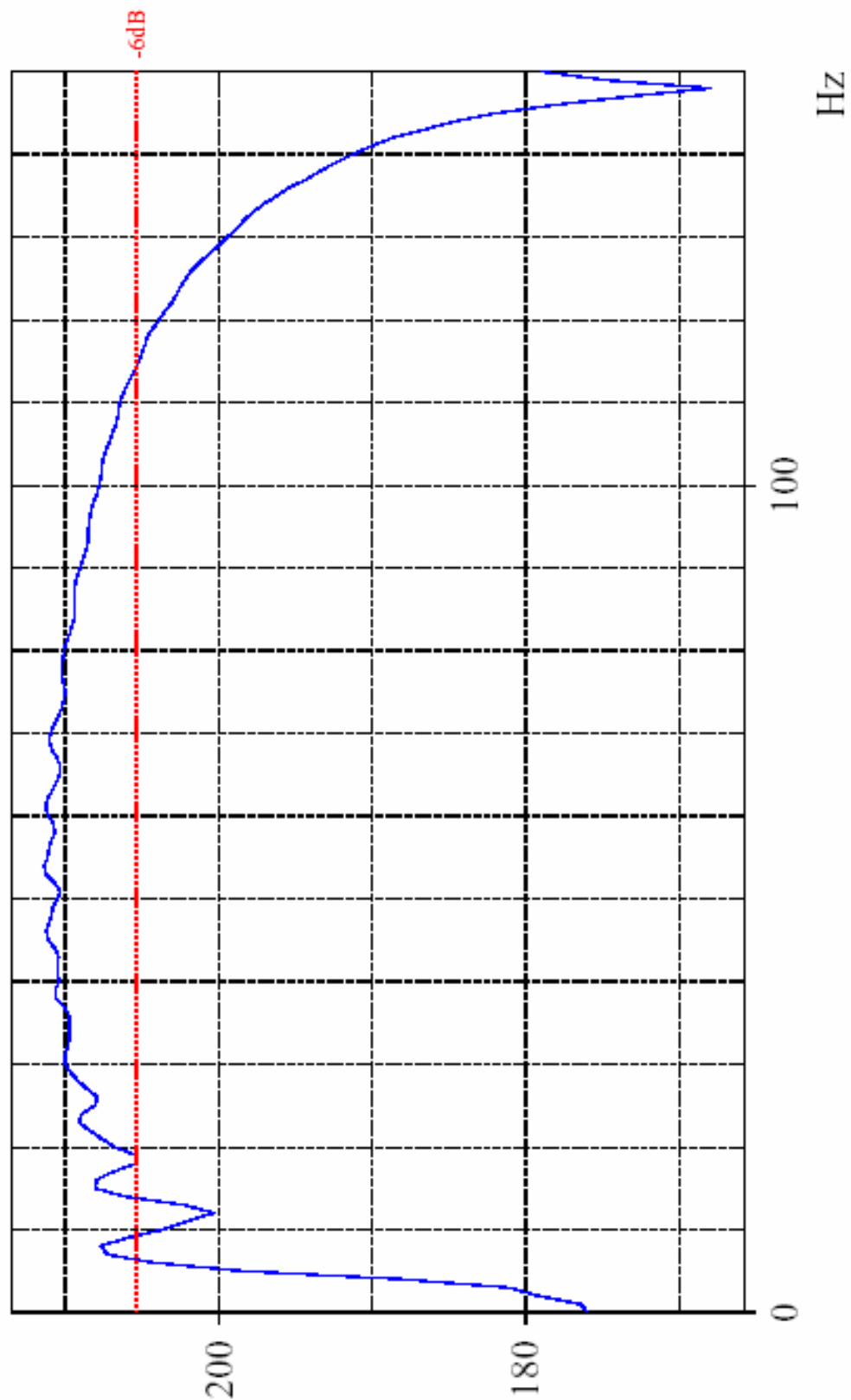
The source array consists of 4 sub-arrays with a total volume of 880 cu.in. for each outer array, and a total volume of 870 cu.in. for each inner array. Each outer sub-array contains 6 gun locations with a total of 7 guns per sub-array. Each inner array consists of only 6 guns.

### 3.3 Far Field Signature





### 3.4 Amplitude Spectrum.



#### 4 Instrumentation Room System Diagram

