



WELL SITE SURVEY

ANNAMARIA A

Rapporto Finale

Rilievo Marzo 2006





G.A.S. s.r.l.

M07 - DAILY REPORT

11/03/2006

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IDP	AM400	CUSTOMER	ENI S.P.A - DIVISIONE ESPL.&PROD.(MILANO)
PROJECT	BRENDA-ANNAMARIA A-ANNAMARIA B (IKA A) SS+WS		
VESSEL	ODIN FINDER	CONTRACT	5200002071 FI1

DATE
SITE**11/03/2006**

BRENDA ANNAMARIA A-B

TIME	EVENT	DETAILS	DESCRIPTION
00:41	SOL	Line ABA06__Y - Hdg 332 - Fix 1 - Depth 59.7	
01:38	EOL	Line ABA06__Y - Fix 1443 - Depth 56.3 - Length 6446	Also line ANA19__Q are completed.
01:55	SOL	Line ABA09__Y - Hdg 152 - Fix 1 - Depth 57.2	
02:43	EOL	Line ABA09__Y - Fix 1217 - Depth 59.8 - Length 5427	
02:54	SOL	Line ABA07__Y - Hdg 332 - Fix 1 - Depth 59.6	
03:36	EOL	Line ABA07__Y - Fix 1204 - Depth 57.4 - Length 5405	
03:47	SOL	Line ABA12__ - Hdg 152 - Fix 1 - Depth 57.2	
04:37	EOL	Line ABA12__ - Fix 1215 - Depth 59.7 - Length 5419	
04:51	SOL	Line ABA08__Y - Hdg 332 - Fix 1 - Depth 59.6	
05:36	EOL	Line ABA08__Y - Fix 1215 - Depth 57.2 - Length 5411	
05:52	SOL	Line ABA10__ - Hdg 152 - Fix 1 - Depth 57.1	
06:38	EOL	Line ABA10__ - Fix 1214 - Depth 59.5 - Length 5422	
06:54	SOL	Line ABA03__Y - Hdg 332 - Fix 1 - Depth 59.5	
07:41	EOL	Line ABA03__Y - Fix 1182 - Depth 56.9 - Length 5407	
07:55	SOL	Line ABA05__Y - Hdg 152 - Fix 1 - Depth 57.1	
08:24	METEO WIND		Speed 20-25 Knts direction N-NE swell 1-1.5 m.
08:41	EOL	Line ABA05__Y - Fix 1221 - Depth 59.7 - Length 5411	
08:58	SOL	Line ABA02__Y - Hdg 332 - Fix 1 - Depth 59.5	
10:01	EOL	Line ABA02__Y - Fix 1476 - Depth 56.1 - Length 6484	
10:17	SOL	Line ABA04__Y - Hdg 152 - Fix 1 - Depth 56.8	
11:05	EOL	Line ABA04__Y - Fix 1225 - Depth 59.4 - Length 5409	
11:30	GEAR RECOVERED		SSS recovered. Start work to wss annamaria b.
11:51	SOL	Line ANB02__G - Hdg 0 - Fix 1 - Depth 59.7	
11:57	EOL	Line ANB02__G - Fix 149 - Depth 59.1 - Length 667	
12:03	SOL	Line ANB08__G - Hdg 180 - Fix 1 - Depth 59.2	

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IDP	AM400	CUSTOMER	ENI S.P.A - DIVISIONE ESPL.&PROD.(MILANO)
PROJECT	BRENDA-ANNAMARIA A-ANNAMARIA B (IKA A) SS+WS		
VESSEL	ODIN FINDER	CONTRACT	5200002071 FI1

12:08 EOL Line ANB08__Q - Hdg 323 - Fix 1 - Depth 59.7 - Length 679

12:10 NAVIGATION INFO Compressor repaired

12:15 GEAR RECOVERED Magnetometer

12:30 GEAR DEPLOYED Minigun, ministreamer, SSS

12:52 SOL Line ANB07__Q - Hdg 323 - Fix 1 - Depth 60

13:12 EOL Line ANB07__Q - Hdg 323 - Fix 1 - Depth 60

13:23 SOL Line ANB24__Q - Hdg 143 - Fix 1 - Depth 60

13:43 EOL Line ANB24__Q - Hdg 143 - Fix 1 - Depth 60

13:54 SOL Line ANB08__Q - Hdg 323 - Fix 1 - Depth 59.7

14:17 EOL Line ANB08__Q - Hdg 323 - Fix 1 - Depth 59.7

14:33 SOL Line ANB26__Q - Hdg 188 - Fix 1 - Depth 59

14:58 EOL Line ANB26__Q - Hdg 188 - Fix 1 - Depth 59

15:21 SOL Line ANB01__Q - Hdg 323 - Fix 1 - Depth 60

15:34 EOL Line ANB01__Q - Hdg 323 - Fix 1 - Depth 60

15:44 SOL Line ANB04__Q - Hdg 143 - Fix 1 - Depth 58.6

15:57 EOL Line ANB04__Q - Hdg 143 - Fix 1 - Depth 58.6

16:06 SOL Line ANB03__Q - Hdg 323 - Fix 1 - Depth 60

16:20 EOL Line ANB03__Q - Hdg 323 - Fix 1 - Depth 60

16:30 SOL Line ANB02__Q - Hdg 143 - Fix 1 - Depth 58.9

16:42 EOL Line ANB02__Q - Hdg 143 - Fix 1 - Depth 58.9

17:05 SOL Line ANB23__Q - Hdg 278 - Fix 1 - Depth 60

17:33 EOL Line ANB23__Q - Hdg 278 - Fix 1 - Depth 60

17:50 SOL Line ANB10__Q - Hdg 53 - Fix 1 - Depth 58.6

18:11 EOL Line ANB10__Q - Hdg 53 - Fix 1 - Depth 58.6

18:21 SOL Line ANB12__Q - Hdg 233 - Fix 1 - Depth 59

18:42 EOL Line ANB12__Q - Hdg 233 - Fix 1 - Depth 59

18:57 SOL Line ANB16__Q - Hdg 53 - Fix 1 - Depth 58.8

19:19 EOL Line ANB16__Q - Hdg 53 - Fix 1 - Depth 58.8

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VESSEL	ODIN FINDER	CONTRACT	5200002071 FI1

19:25	NAVIGATION INFO	Vessel moves to Annamaria A.
19:58	SOL	Line ANA19__Q - Hdg 332 - Fix 1 - Depth 58
20:18	EOL	Line ANA19__Q - Fix 218 - Depth 56.4 - Length 2285
20:30	SOL	Line ANA03__Q - Hdg 152 - Fix 1 - Depth 56.4
20:53	EOL	Line ANA03__Q - Fix 221 - Depth 56.4 - Length 2280
21:06	SOL	Line ANA20__Q - Hdg 332 - Fix 1 - Depth 57.7
21:26	EOL	Line ANA20__Q - Fix 224 - Depth 56.1 - Length 2335
21:43	SOL	Line ANA04__Q - Hdg 107 - Fix 1 - Depth 56
22:10	EOL	Line ANA04__Q - Fix 302 - Depth 58.6 - Length 3155
22:22	SOL	Line ANA18__Q - Hdg 242 - Fix 1 - Depth 58.9
22:34	NAVIGATION INFO	Minigun high pressure air line broken. Minigun acquisition interrupted at position: Lat4221.305N long 1322.7902E
22:43	EOL	Line ANA18__Q - Fix 122 - Depth 60 - Length 2331 Minigun to be reshooted
22:45	METEO FORECAST	Gale warning, wind force 8 from NE coming. Wind 25kn from NE. To avoid the storm we decide to recover equipment and exclude any possible damage.
23:03	GEAR RECOVERED	SSS, EM 3000, HPR pole, minigun, streamer
23:06	STAND BY METEO/OTHER START	
23:10	TRANSFER START	Vessel moves to Ancona
23:59	NAVIGATION INFO	Vessel position: Lat 44° 15' 37" N Long 13° 22' 05" E.

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IDP	AM400	CUSTOMER	ENI S.P.A - DIVISIONE ESPL.&PROD.(MILANO)
PROJECT	BRENDA-ANNAMARIA A-ANNAMARIA B (IKA A) SS+WS		
VESSEL	ODIN FINDER	CONTRACT	5200002071 FI1

**DATE
SITE****12/03/2006**

BRENDA ANNAMARIA A-B

TIME	EVENT	DETAILS	DESCRIPTION
06:45	TRANSFER END		Vessel docked in Ancona harbour.
12:00	PERSONNEL EVENT		People in: Vic Gosling, James Brand People out: Roberto Manfreda
12:01	STAND BY METEO/OTHER INFO		Stand by meteo continue
21:00	METEO WIND		Speed 35-40 Knts direction SW, sea force 7.
23:59	NAVIGATION INFO		Vessel alongside in Ancona harbour.

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13/03/2006

IDP	AM400	CUSTOMER	ENI S.P.A - DIVISIONE ESPL.&PROD.(MILANO)
PROJECT	BRENDA-ANNAMARIA A-ANNAMARIA B (IKA A) SS+WS		
VESSEL	ODIN FINDER	CONTRACT	5200002071 FI1

**DATE
SITE****13/03/2006**

BRENDA ANNAMARIA A-B

TIME	EVENT	DETAILS	DESCRIPTION
06:00	METEO WIND		Speed 40-90 Knts direction SW, sea force 8.
12:00	STAND BY METEO/OTHER INFO		Stand by meteo continue
18:00	METEO WIND		Speed 35-45 Knts direction NW, sea force 7.
22:00	STAND BY METEO/OTHER INFO		Stand by meteo continue.
23:59	NAVIGATION INFO		Vessel alongside in Ancona harbour.

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IDP	AM400	CUSTOMER	ENI S.P.A - DIVISIONE ESPL.&PROD.(MILANO)
PROJECT	BRENDA-ANNAMARIA A-ANNAMARIA B (IKA A) SS+WS		
VESSEL	ODIN FINDER	CONTRACT	5200002071 FI1

**DATE
SITE****14/03/2006**

BRENDA ANNAMARIA A-B

TIME	EVENT	DETAILS	DESCRIPTION
08:00	METEO WIND		Speed 20 Knts direction NW, sea force 6.
12:00	STAND BY METEO/OTHER INFO		Stand by meteo continue.
18:00	METEO WIND		Waves still to high.
23:59	NAVIGATION INFO		Vessel alongside in Ancona harbour.

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PROJECT	BRENDA-ANNAMARIA A-ANNAMARIA B (IKA A) SS+WS		
VESSEL	ODIN FINDER	CONTRACT	5200002071 FI1

**DATE
SITE****15/03/2006**

BRENDA ANNAMARIA A-B

TIME	EVENT	DETAILS	DESCRIPTION
00:20	TRANSFER START		Vessel moves to working area.
06:30	TRANSFER END		Vessel in Brenda area
06:45	PROBE START		
07:05	SOUND VELOCITY PROFILE	Line SBE150306- Lat. 0- Lon.0- Depth(m) 47.62	
07:15	PROBE END		
07:40	NAVIGATION INFO		Vessel move to start multibeam calibration.
08:29	SOL	Line ROLL1503 - Hdg 279 - Fix 1 - Depth 49.51	
08:34	EOL	Line ROLL1503 - Fix 26 - Depth 48.99 - Length 0	
08:43	SOL	Line ROLB1503 - Hdg 53 - Fix 1 - Depth 48.99	
08:47	EOL	Line ROLB1503 - Fix 43 - Depth 49.56 - Length 0	
09:15	EQUIPMENT TEST INFO		Roll calibration performed. Roll correction value equal 0. No correction applied
09:20	NAVIGATION INFO		Start gear deploy.
09:50	GEAR DEPLOYED		SSS, magnetometer, EM3000 pole, HPR pole.
10:16	SOL	Line BAB15__Y - Hdg 53 - Fix 1 - Depth 48.05	
11:17	EOL	Line BAB15__Y - Fix 1540 - Depth 54.1 - Length 0	
11:18	SOL	Line BAB15A_Y - Hdg 53 - Fix 1541 - Depth 54.1	
12:19	EOL	Line BAB15A_Y - Fix 3107 - Depth 54.7 - Length 0	
12:20	SOL	Line BAB15B_Y - Hdg 53 - Fix 3108 - Depth 54.7	
13:20	EOL	Line BAB15B_Y - Fix 4682 - Depth 56.8 - Length 0	
13:21	SOL	Line BAB15C_Y - Hdg 53 - Fix 4683 - Depth 56.8	
14:15	EOL	Line BAB15C_Y - Fix 6328 - Depth 57.5 - Length 0	
14:16	SOL	Line BAB15D_Y - Hdg 53 - Fix 6329 - Depth 57.5	
15:27	EOL	Line BAB15D_Y - Fix 8283 - Depth 59.3 - Length 37111	Total line lenght: 37.111 km
16:21	SOL	Line ABA14__Y - Hdg 332 - Fix 1 - Depth 59	Change area: Sealine Annamaria A - Annamaria B.
17:00	EOL	Line ABA14__Y - Fix 1302 - Depth 56.3 - Length 5508	

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VESSEL	ODIN FINDER	CONTRACT	5200002071 FI1

17:05	NAVIGATION INFO	Vessel in Annamaria A area
17:15	GEAR RECOVERED	Magnetometer recovered
17:20	PROBE START	
17:27	SOUND VELOCITY PROFILE	Line SVP1503- Lat. 4422.0939E- Lon.1322.2769N- Depth(m) 56.4
17:35	PROBE END	
17:45	GEAR DEPLOYED	Minigun and ministreamer deployed
18:25	SOL	Line ANA01__Q - Hdg 197 - Fix 1 - Depth 56.3
18:50	EOL	Line ANA01__Q - Fix 298 - Depth 57.3 - Length 3293
19:07	SOL	Line ANA09__Q - Hdg 62 - Fix 1 - Depth 57.1
19:28	EOL	Line ANA09__Q - Fix 218 - Depth 5.2 - Length 2267
19:38	SOL	Line ANA18A_Q - Hdg 242 - Fix 1 - Depth 58.3
19:58	EOL	Line ANA18A_Q - Fix 215 - Depth 57.3 - Length 2257
20:12	SOL	Line ANA08__Q - Hdg 62 - Fix 1 - Depth 57.2
20:34	EOL	Line ANA08__Q - Fix 215 - Depth 58 - Length 2242
20:45	SOL	Line ANA10__Q - Hdg 242 - Fix 1 - Depth 58.1
21:06	EOL	Line ANA10__Q - Fix 215 - Depth 57.4 - Length 2236
21:20	SOL	Line ANA07__Q - Hdg 62 - Fix 1 - Depth 57.2
21:41	EOL	Line ANA07__Q - Fix 220 - Depth 58 - Length 2262
21:56	SOL	Line ANA22__Q - Hdg 242 - Fix 1 - Depth 5.3
22:10	EOL	Line ANA22__Q - Fix 152 - Depth 56.8 - Length 1580
22:28	SOL	Line ANA06__Q - Hdg 62 - Fix 1 - Depth 57.1
22:50	EOL	Line ANA06__Q - Fix 223 - Depth 57.9 - Length 2307
23:04	SOL	Line ANA11__Q - Hdg 242 - Fix 1 - Depth 57.3
23:24	EOL	Line ANA11__Q - Fix 215 - Depth 56.6 - Length 2246
23:37	SOL	Line ANA05__Q - Hdg 62 - Fix 1 - Depth 57.1
23:58	EOL	Line ANA05__Q - Fix 219 - Depth 57.75 - Length 2265
23:59	NAVIGATION INFO	Vessel position: Lat 44° 22' 06" N Long 13° 23' 30" E.

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IDP	AM400	CUSTOMER	ENI S.P.A - DIVISIONE ESPL.&PROD.(MILANO)
PROJECT	BRENDA-ANNAMARIA A-ANNAMARIA B (IKA A) SS+WS		
VESSEL	ODIN FINDER	CONTRACT	5200002071 FI1

**DATE
SITE****16/03/2006**

BRENDA ANNAMARIA A-B

TIME	EVENT	DETAILS	DESCRIPTION
00:16	SOL	Line ANA12__Q - Hdg 242 - Fix 1 - Depth 57.1	
00:35	EOL	Line ANA12__Q - Fix 215 - Depth 56.44 - Length 2215	
00:56	SOL	Line ANA21__Q - Hdg 62 - Fix 1 - Depth 56.9	
01:09	EOL	Line ANA21__Q - Fix 133 - Depth 57.3 - Length 1374	
01:28	SOL	Line ANA14__Q - Hdg 242 - Fix 1 - Depth 56.7	
01:48	EOL	Line ANA14__Q - Fix 212 - Depth 56 - Length 2216	
02:04	SOL	Line ANA02__Q - Hdg 62 - Fix 1 - Depth 56.7	
02:24	EOL	Line ANA02__Q - Fix 203 - Depth 57.3 - Length 2129	
02:35	GEAR RECOVERED		Some problem with minigun floating. Start recovering minigun.
03:06	GEAR DEPLOYED		Minigun deployed.
03:14	SOL	Line ANA16__Q - Hdg 242 - Fix 1 - Depth 56.5	
03:35	EOL	Line ANA16__Q - Fix 211 - Depth 55.6 - Length 2191	
03:49	SOL	Line ANA13__Q - Hdg 62 - Fix 1 - Depth 56.1	
04:12	EOL	Line ANA13__Q - Fix 215 - Depth 56.7 - Length 2201	
04:27	SOL	Line ANA17__Q - Hdg 242 - Fix 1 - Depth 56.3	
04:47	EOL	Line ANA17__Q - Fix 214 - Depth 55.6 - Length 2237	
05:00	SOL	Line ANA15__Q - Hdg 62 - Fix 1 - Depth 55.7	
05:22	EOL	Line ANA15__Q - Fix 213 - Depth 56.6 - Length 2207	
06:19	SOL	Line ANA25__Q - Hdg 332 - Fix 1 - Depth 57.7	
06:32	EOL	Line ANA25__Q - Fix 138 - Depth 56.5 - Length 1445	
06:45	SOL	Line ANA24__Q - Hdg 152 - Fix 1 - Depth 56.3	
07:00	EOL	Line ANA24__Q - Fix 144 - Depth 57.6 - Length 1479	
07:14	SOL	Line ANA26__Q - Hdg 332 - Fix 1 - Depth 57.7	
07:26	EOL	Line ANA26__Q - Fix 134 - Depth 56.4 - Length 1402	
07:40	SOL	Line ANA23__Q - Hdg 152 - Fix 1 - Depth 56.4	

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PROJECT	BRENDA-ANNAMARIA A-ANNAMARIA B (IKA A) SS+WS		
VESSEL	ODIN FINDER	CONTRACT	5200002071 FI1

07:54	EOL	Line ANA23__Q - Fix 136 - Depth 57.7 - Length 1399	
08:00	DEMOB START		Start demob analogic equipment.
08:05	DEMOB INFO		Start gear recovering.
08:40	GEAR RECOVERED		SSS, minigun, ministreamer, multibeam pole.
10:20	DEMOB END		
10:30	MOB START		MOB digital survey start.
11:00	GEAR DEPLOYED		Gun deployed.
11:30	MOB INFO		Start deploy the streamer.
12:30	GEAR DEPLOYED		Streamer deployed.
13:00	MOB INFO		Start testing TAP syestem.
14:30	MOB END		Test ok, vessel moves to start the line.
15:06	SOL	Line ANBD24__ - Hdg 310 - Fix 100 - Depth 0	
15:28	EOL	Line ANBD24__ - Fix 287 - Depth 0 - Length 2399	
15:51	SOL	Line ANBD18__ - Hdg 130 - Fix 100 - Depth 0	
16:12	EOL	Line ANBD18__ - Fix 287 - Depth 0 - Length 2457	
17:14	SOL	Line ANBD23__ - Hdg 310 - Fix 100 - Depth 0	
17:36	EOL	Line ANBD23__ - Fix 287 - Depth 0 - Length 2433	
18:02	SOL	Line ANBD20__ - Hdg 130 - Fix 100 - Depth 0	
18:24	EOL	Line ANBD20__ - Fix 287 - Depth 0 - Length 2396	
19:15	SOL	Line ANBD22__ - Hdg 310 - Fix 100 - Depth 0	
19:37	EOL	Line ANBD22__ - Fix 287 - Depth 0 - Length 2411	
19:58	SOL	Line ANBD21__ - Hdg 130 - Fix 100 - Depth 0	
20:20	EOL	Line ANBD21__ - Fix 287 - Depth 0 - Length 2391	
20:35	SOL	Line ANBD19__ - Hdg 310 - Fix 100 - Depth 0	
20:56	EOL	Line ANBD19__ - Fix 287 - Depth 0 - Length 2443	
21:23	SOL	Line ANBD25__ - Hdg 175 - Fix 100 - Depth 0	
21:52	EOL	Line ANBD25__ - Fix 352 - Depth 0 - Length 3274	
22:21	SOL	Line ANBD01__ - Hdg 40 - Fix 100 - Depth 0	

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PROJECT	BRENDA-ANNAMARIA A-ANNAMARIA B (IKA A) SS+WS		
VESSEL	ODIN FINDER	CONTRACT	5200002071 FI1

22:44 EOL Line ANBD01__ - Fix 287 - Depth 0 - Length 2429

23:04 SOL Line ANBD17__ - Hdg 220 - Fix 100 - Depth 0

23:24 EOL Line ANBD17__ - Fix 287 - Depth 0 - Length 2437

23:45 SOL Line ANBD02__ - Hdg 40 - Fix 100 - Depth 0

23:59 NAVIGATION INFO

Vessel position: Lat 44° 20' 08" N
Long 13° 25' 19" E.

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VESSEL	ODIN FINDER	CONTRACT	5200002071 FI1

**DATE
SITE****17/03/2006**

BRENDA ANNAMARIA A-B

TIME	EVENT	DETAILS	DESCRIPTION
00:09	EOL	Line ANBD02__ - Fix 290 - Depth 0 - Length 2460	
00:25	SOL	Line ANBD16__ - Hdg 220 - Fix 100 - Depth 0	
00:47	EOL	Line ANBD16__ - Fix 300 - Depth 0 - Length 2592	
01:11	SOL	Line ANBD03__ - Hdg 40 - Fix 100 - Depth 0	
01:34	EOL	Line ANBD03__ - Fix 297 - Depth 0 - Length 2550	
01:58	SOL	Line ANBD15__ - Hdg 220 - Fix 100 - Depth 0	
02:20	EOL	Line ANBD15__ - Fix 297 - Depth 0 - Length 2544	
02:44	SOL	Line ANBD04__ - Hdg 40 - Fix 100 - Depth 0	
03:09	EOL	Line ANBD04__ - Fix 299 - Depth 0 - Length 2549	
03:29	SOL	Line ANBD14__ - Hdg 220 - Fix 100 - Depth 0	
03:51	EOL	Line ANBD14__ - Fix 296 - Depth 0 - Length 2539	
04:15	SOL	Line ANBD05__ - Hdg 40 - Fix 100 - Depth 0	
04:37	EOL	Line ANBD05__ - Fix 284 - Depth 0 - Length 2392	
04:56	SOL	Line ANBD13__ - Hdg 220 - Fix 100 - Depth 0	
05:19	EOL	Line ANBD13__ - Fix 286 - Depth 0 - Length 2398	
05:39	SOL	Line ANBD06 - Hdg 40 - Fix 100 - Depth 0	
06:02	EOL	Line ANBD06 - Fix 286 - Depth 0 - Length 2395	
06:21	SOL	Line ANBD12__ - Hdg 220 - Fix 100 - Depth 0	
06:42	EOL	Line ANBD12__ - Fix 285 - Depth 0 - Length 2398	
07:05	SOL	Line ANBD07__ - Hdg 40 - Fix 100 - Depth 0	
07:27	EOL	Line ANBD07__ - Fix 284 - Depth 0 - Length 2395	
07:47	SOL	Line ANBD11__ - Hdg 220 - Fix 100 - Depth 0	
08:07	EOL	Line ANBD11__ - Fix 283 - Depth 0 - Length 2399	
08:38	SOL	Line ANBD08__ - Hdg 40 - Fix 100 - Depth 0	
08:58	EOL	Line ANBD08__ - Fix 285 - Depth 0 - Length 2397	
09:19	SOL	Line ANBD10__ - Hdg 220 - Fix 100 - Depth 0	

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PROJECT	BRENDA-ANNAMARIA A-ANNAMARIA B (IKA A) SS+WS		
VESSEL	ODIN FINDER	CONTRACT	5200002071 FI1

09:37	EOL	Line ANBD10__ - Fix 287 - Depth 0 - Length 2440	
10:21	SOL	Line ANBD09 - Hdg 40 - Fix 100 - Depth 0	
10:44	EOL	Line ANBD09 - Fix 286 - Depth 0 - Length 2402	
11:24	SOL	Line ANBD26__ - Hdg 265 - Fix 100 - Depth 0	
11:53	EOL	Line ANBD26__ - Fix 348 - Depth 0 - Length 3232	
13:18	GEAR RECOVERED		Seismic equipment on board
13:20	NAVIGATION INFO		vessel moves to Annamaria A site
13:30	GEAR DEPLOYED		Maggy and SBP
13:42	SOL	Line ANA17__G - Hdg 180 - Fix 1 - Depth 58	
13:49	EOL	Line ANA17__G - Fix 151 - Depth 58 - Length 691	
13:55	SOL	Line ANA09__G - Hdg 0 - Fix 152 - Depth 58	
14:03	EOL	Line ANA09__G - Fix 310 - Depth 58 - Length 716	
14:10	SOL	Line ANA08__G - Hdg 180 - Fix 311 - Depth 58	
14:16	EOL	Line ANA08__G - Fix 454 - Depth 58 - Length 666	
14:25	SOL	Line ANA10__G - Hdg 360 - Fix 455 - Depth 58	
14:31	EOL	Line ANA10__G - Fix 605 - Depth 58 - Length 692	
14:38	SOL	Line ANA07__G - Hdg 180 - Fix 606 - Depth 58	
14:44	EOL	Line ANA07__G - Fix 762 - Depth 58 - Length 709	
14:52	SOL	Line ANA11__G - Hdg 360 - Fix 763 - Depth 58	
14:57	EOL	Line ANA11__G - Fix 894 - Depth 58 - Length 616	
15:04	SOL	Line ANA06__G - Hdg 180 - Fix 895 - Depth 58	
15:10	EOL	Line ANA06__G - Fix 1049 - Depth 58 - Length 680	
15:18	SOL	Line ANA12__G - Hdg 360 - Fix 1 - Depth 58	
15:23	EOL	Line ANA12__G - Fix 139 - Depth 58 - Length 650	
15:31	SOL	Line ANA05__G - Hdg 180 - Fix 1050 - Depth 58	
15:36	EOL	Line ANA05__G - Fix 1194 - Depth 58 - Length 668	
15:42	SOL	Line ANA13__G - Hdg 360 - Fix 1195 - Depth 58	
15:48	EOL	Line ANA13__G - Fix 1338 - Depth 58 - Length 653	

Enclosed forms M02

GAS Party Chief signature

Customer Representative signature



G.A.S. s.r.l.

M07 - DAILY REPORT

17/03/2006

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IDP	AM400	CUSTOMER	ENI S.P.A - DIVISIONE ESPL.&PROD.(MILANO)
PROJECT	BRENDA-ANNAMARIA A-ANNAMARIA B (IKA A) SS+WS		
VESSEL	ODIN FINDER	CONTRACT	5200002071 FI1

15:55	SOL	Line ANA04__G - Hdg 180 - Fix 1339 - Depth 58
16:00	EOL	Line ANA04__G - Fix 1485 - Depth 58 - Length 664
16:07	SOL	Line ANA14__G - Hdg 360 - Fix 1486 - Depth 58
16:13	EOL	Line ANA14__G - Fix 1630 - Depth 58 - Length 640
16:21	SOL	Line ANA03__G - Hdg 180 - Fix 1631 - Depth 58
16:27	EOL	Line ANA03__G - Fix 1775 - Depth 58 - Length 675
16:34	SOL	Line ANA15__G - Hdg 360 - Fix 1776 - Depth 58
16:39	EOL	Line ANA15__G - Fix 1928 - Depth 58 - Length 689
16:47	SOL	Line ANA02__G - Hdg 180 - Fix 1929 - Depth 58
16:52	EOL	Line ANA02__G - Fix 2078 - Depth 58 - Length 667
17:00	SOL	Line ANA16__G - Hdg 360 - Fix 2079 - Depth 58
17:05	EOL	Line ANA16__G - Fix 2231 - Depth 58 - Length 677
17:12	SOL	Line ANA01__G - Hdg 180 - Fix 2232 - Depth 58
17:17	EOL	Line ANA01__G - Fix 2377 - Depth 58 - Length 665
17:40	GEAR RECOVERED	maggy and SBP
18:00	SOUND VELOCITY PROFILE	Line SBE1703A- Lat. 4422.2- Lon.1322.19- Depth(m) 58
18:50	GEAR DEPLOYED	SSS maggy MB HPR SBP
19:02	SOL	Line ABA11__Y - Hdg 152 - Fix 1 - Depth 58
19:55	EOL	Line ABA11__Y - Fix 1250 - Depth 60 - Length 5516
20:21	SOL	Line ABA13__Y - Hdg 332 - Fix 1251 - Depth 60
21:08	EOL	Line ABA13__Y - Fix 2453 - Depth 0 - Length 5432
21:34	SOL	Line ANA27__Z - Hdg 242 - Fix 1 - Depth 58
21:54	EOL	Line ANA27__Z - Fix 495 - Depth 0 - Length 2230
22:06	SOL	Line ANA28__Z - Hdg 62 - Fix 496 - Depth 57
22:10	EOL	Line ANA28__Z - Fix 564 - Depth 0 - Length 302
22:35	SOL	Line ABA01__Y - Hdg 62 - Fix 2454 - Depth 58.6
22:48	EOL	Line ABA01__Y - Fix 2748 - Depth 59.9 - Length 1308
23:12	SOL	Line ANB16__G - Hdg 180 - Fix 1 - Depth 59.2

Enclosed forms M02

GAS Party Chief signature

Customer Representative signature



G.A.S. s.r.l.

M07 - DAILY REPORT**17/03/2006**

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IDP	AM400	CUSTOMER	ENI S.P.A - DIVISIONE ESPL.&PROD.(MILANO)
PROJECT	BRENDA-ANNAMARIA A-ANNAMARIA B (IKA A) SS+WS		
VESSEL	ODIN FINDER	CONTRACT	5200002071 FI1

23:17 EOL Line ANB16__G - Fix 140 - Depth 59.7 - Length 643

23:27 SOL Line ANB03__G - Hdg 0 - Fix 141 - Depth 59.7

23:33 EOL Line ANB03__G - Fix 288 - Depth 59.3 - Length 665

23:45 SOL Line ANB15__G - Hdg 180 - Fix 289 - Depth 55.1

23:52 EOL Line ANB15__G - Fix 435 - Depth 59.6 - Length 652

23:59 NAVIGATION INFO

Vessel position: Lat 44° 19' 17" N
Long 13° 24' 34" E.

Enclosed forms M02

GAS Party Chief signature

Customer Representative signature



G.A.S. s.r.l.

OFFSET FORM (M011)

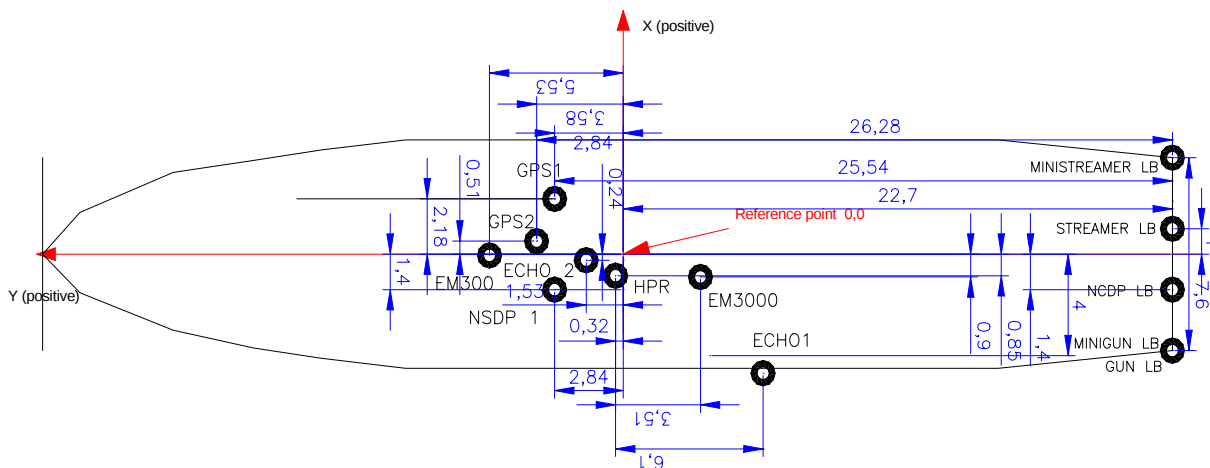
Rev.00

N. :

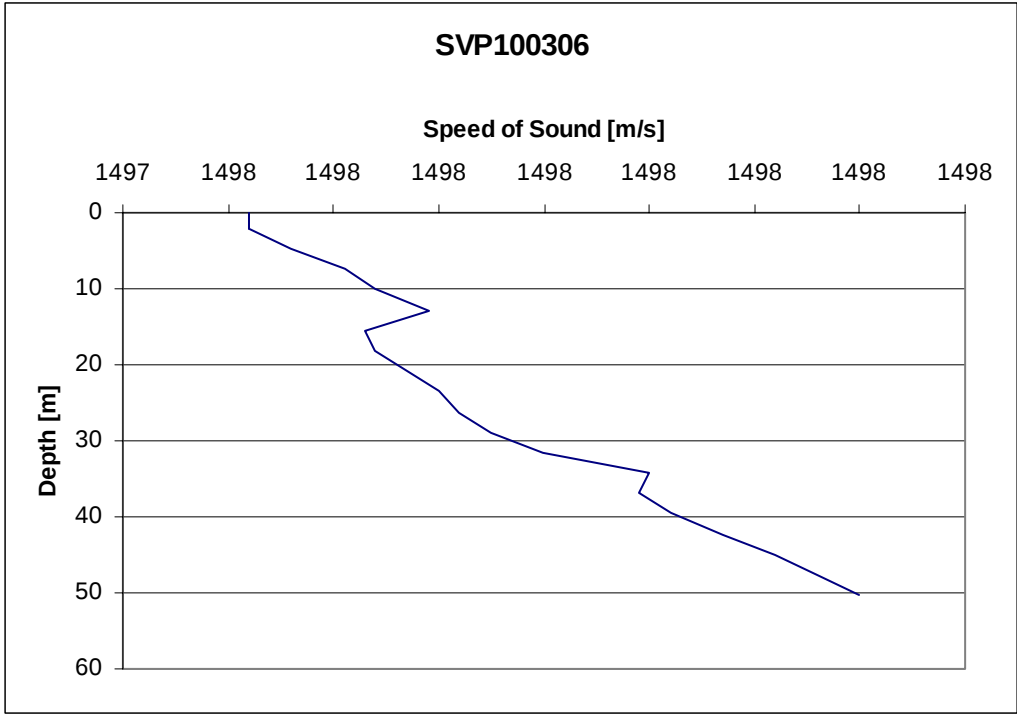
Page 1 of 1

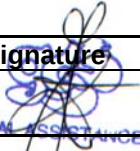
IDP	DATE	PARTY CHIEF	PROJECT	CLIENT	VESSEL
AM400	11/03/2006	R. COSI	Annamaria A WSS	ENI spa	R/V ODIN FINDER
OFFSET (in metres)			+ forward/ - backward	+ right/ - left	Notes
Antenna 1 TRIMBLE -/Stern (A)			-25.54	2.18	
Antenna 2 NAVCOM /Stern			-26.28	-0.51	
Antenna 1/ Antenna 2			1.66	-0.74	
Antenna 1 / Minigun layback			-25.54	-5.98	
Antenna 1 / Ministreamer layback			-25.54	1.62	
Antenna 1/ NCDP layback			-25.54	-3.58	
Minigun / Stern			25	3.8	
Ministreamer / Stern			33	3.8	
Ministreamer / Minigun			8	-7.6	
Multibeam/ Antenna 1			-6.03	-3.07	
HPR/Antenna 1			-2.52	-3.03	
SSS/ Antenna 1			-25.54	-2.17	USBL positioning
Magnetometer/ Antenna 1			-25.54	-5.97	Cable out 30m
SBP/ Antenna 1			-1.94	-0.66	

OFFSET SKETCH

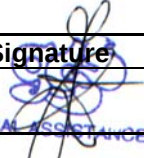


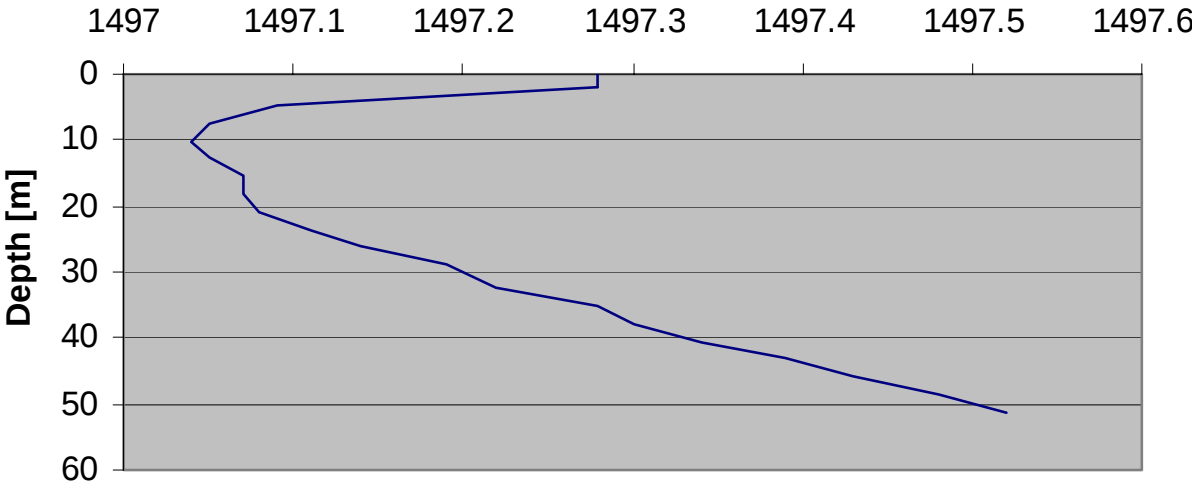
Rev. Date	File:	Page
20/08/01	M011_AM400B-ANALOG-OFFSET.doc	1 of 1

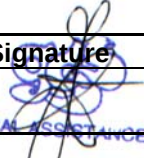
 G.A.S. s.r.l.		CALIBRATION FORM: SPEED OF SOUND (M021) - REV.01		N. : PAGE 1 OF 1	
IDP: AM400		PROJECT: Brenda Annamaria A-B SS e WS			
GEOGRAPHIC LOCATION: NORTH ADRIATIC SEA			AREA: Annamaria B		
CLIENT : ENI E&P		DATE: 10/03/06		VESSEL: ODIN FINDER	
Reference Quality Procedure : QP012			OPERATOR: Tarenghi		
Latitude	Longitude	EASTING	NORTHING		
44°17.2432'N	13°23.9430'E	372266.08	4905039.37		
Probe type: SEABIRD SBE 19-02				Serial Number: 1921168-2813	
☐ attached monograph					
Data File (complete path): ☐ attached file print				Speed of Sound updated in: EM3000	
Speed of Sound m/sec vs depth GRAPH					
SVP100306 Speed of Sound [m/s] 					
Next Calibration to be performed:					

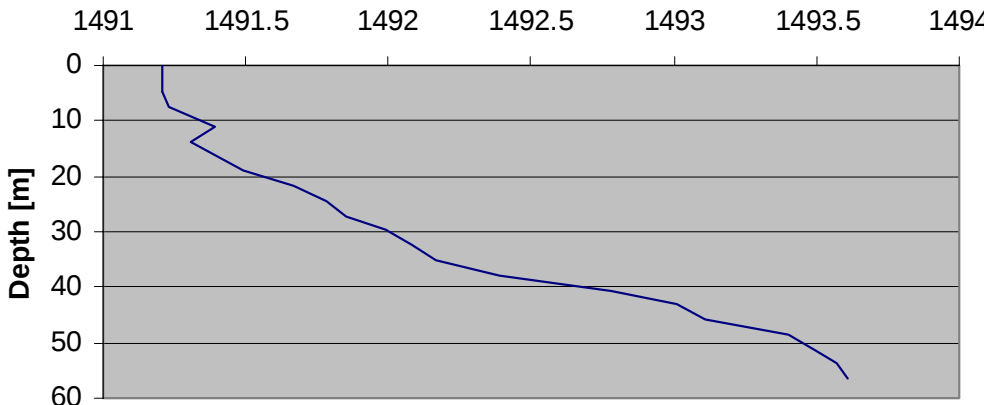
Operator Signature	G.A.S. Party Chief Signature	Client Signature (if necessary)
		
Rev. Date	File:	Page
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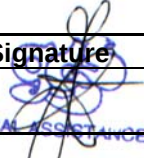
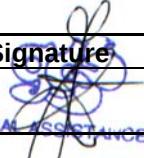
 G.A.S. s.r.l.		CALIBRATION FORM: SPEED OF SOUND (M021) - REV.01		N. : PAGE 1 OF 1	
IDP: AM400		PROJECT: Brenda Annamaria A-B SS e WS			
GEOGRAPHIC LOCATION: NORTH ADRIATIC SEA			AREA: SS Brenda-Annamaria B		
CLIENT : ENI E&P		DATE: 15/03/06		VESSEL: ODIN FINDER	
Reference Quality Procedure : QP012			OPERATOR: Tarengi		
Latitude	Longitude	EASTING	NORTHING		
44°06.8829'N	13°03.8508'E	345095.76	4886436.02		
Probe type: SEABIRD SBE 19-02				Serial Number: 1921168-2813	
☐ attached monograph					
Data File (complete path): ☐ attached file print				Speed of Sound updated in: EM3000	
Speed of Sound m/sec vs depth GRAPH					
SBE150306 Speed of Sound [m/s] 					
Next Calibration to be performed:					

Operator Signature	G.A.S. Party Chief Signature	Client Signature (if necessary)
 GEOLOGICAL ASSISTANCE & SERVICES		
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 G.A.S. s.r.l.		CALIBRATION FORM: SPEED OF SOUND (M021) - REV.01		N. : PAGE 1 OF 1	
IDP: AM400		PROJECT: Brenda Annamaria A-B SS e WS			
GEOGRAPHIC LOCATION: NORTH ADRIATIC SEA			AREA: WSS Annamaria A		
CLIENT : ENI E&P		DATE: 15/03/06		VESSEL: ODIN FINDER	
Reference Quality Procedure : QP012			OPERATOR: Tarenghi		
Latitude	Longitude	EASTING	NORTHING		
44°22.0938'N	13°22.2770'E	370228.98	49144062.65		
Probe type: SEABIRD SBE 19-02				Serial Number: 1921168-2813	
☐ attached monograph					
Data File (complete path): ☐ attached file print				Speed of Sound updated in: EM3000	
Speed of Sound m/sec vs depth GRAPH					
SBE150306B Speed of Sound [m/s] 					
Next Calibration to be performed:					

Operator Signature 	G.A.S. Party Chief Signature 	Client Signature (if necessary)
GEOLOGICAL ASSISTANCE & SERVICES		
Rev. Date 27.03.2006	File: M021_AM400A_SoSCalibration.doc	Page 4 of 6

 G.A.S. s.r.l.		CALIBRATION FORM: SPEED OF SOUND (M021) - REV.01		N. : PAGE 1 OF 1	
IDP: AM400		PROJECT: Brenda Annamaria A-B SS e WS			
GEOGRAPHIC LOCATION: NORTH ADRIATIC SEA			AREA: Brenda Annamaria A-B		
CLIENT : ENI E&P		DATE: 17/03/06		VESSEL: ODIN FINDER	
Reference Quality Procedure : QP012			OPERATOR: Tarenghi		
Latitude	Longitude	EASTING	NORTHING		
44°22.20'N	13°22.19'E	370128.06	4914276.01		
Probe type: SEABIRD SBE 19-02				Serial Number: 1921168-2813	
☐ attached monograph					
Data File (complete path): ☐ attached file print				Speed of Sound updated in: EM3000	
Speed of Sound m/sec vs depth GRAPH					
SBE1703A Speed of Sound [m/s] 					
Next Calibration to be performed:					

Operator Signature 	G.A.S. Party Chief Signature 	Client Signature (if necessary)
GEOLOGICAL ASSISTANCE & SERVICES		
Rev. Date 27.03.2006	File: M021_AM400A_SoSCalibration.doc	Page 5 of 6



G.A.S. S.r.l.

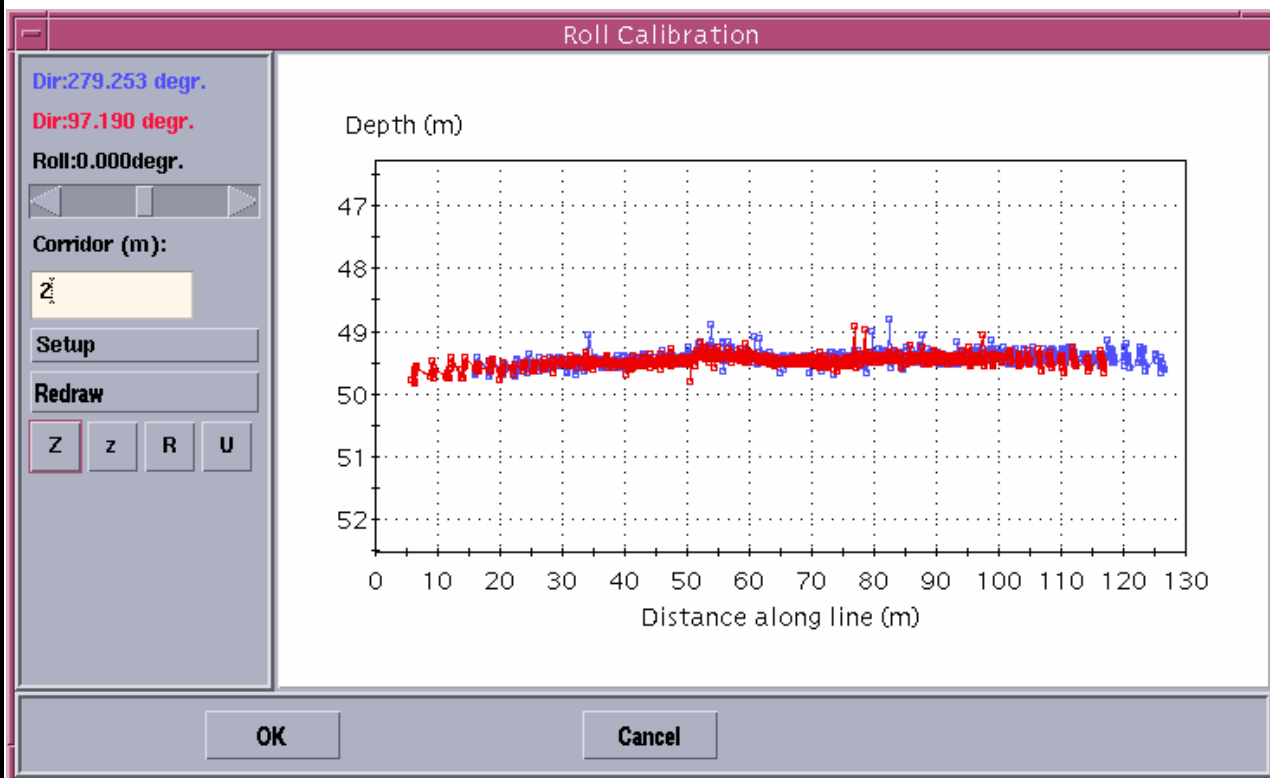
**MULTIBEAM CALIBRATION FORM
(M026) - REV.00**

N. :

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IDP: AM400**PROJECT: Brenda Annamaria A-B SS e WS****GEOGRAPHIC LOCATION: NORTH ADRIATIC SEA****AREA: Brenda Annamaria A-B****CLIENT: ENI E&P****DATE: 15/03/06****VESSEL: ODIN FINDER****MULTIBEAM TYPE: Simrad EM3000****OPERATOR: A. PASSALACQUA****PROBE FILE NAME: SBE150306****Roll Calibration**

Line name	SOL			EOL		
	Latitude	Longitude	Depth (m)	Latitude	Longitude	Depth (m)
ROLL1503	44°07'12.85"	13°02'27.78"	48.2	44°06'46.67"	13°03'01.84"	48.1
ROLB1503	44°06'41.01"	13°03'09.51"	48.5	44°07'13.34"	13°02'26.68"	48.3

**Additional Roll Offset: -0.0°****Next Calibration to be performed:**

 GEOLOGICAL ASSISTANCE & SERVICE®

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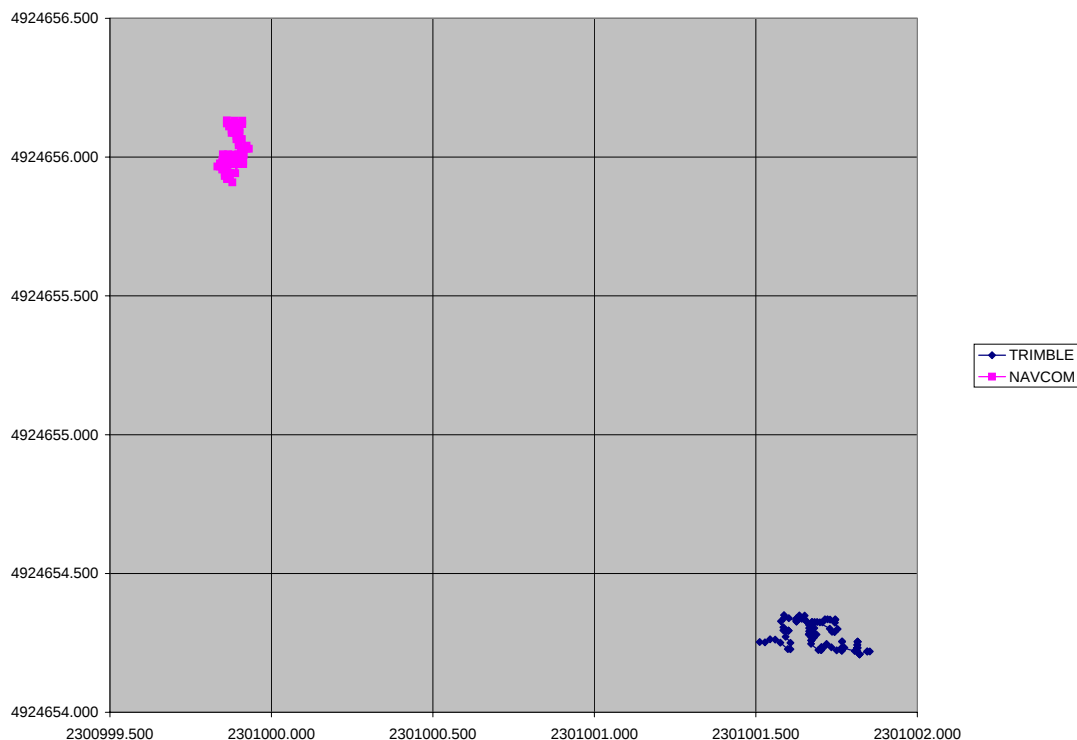
 G.A.S. s.r.l.	DGPS CONTROL FORM (M036) REV. 00		N. : PAGE 1 OF 1
	IDP: AM399 PROJECT: WSS BENEDETTA 1		
GEOGRAPHIC LOCATION: NORTH ADRIATIC SEA		AREA: Benedetta 1 site	
CLIENT : ENI EXPL. & PROD.	DATE: 19/02/06	VESSEL: R/V ODIN FINDER	

DGPS type 1: TRIMBLE / SKYFIX (GPS 1) User ID/SN: GP10114 / GP1014 DGPS type 2: NAVCOM (GPS 2) User ID/SN: GP1028	OPERATOR: Benedetta Ulivieri Data file: GPS_QC-190206.xls
Datum: Roma M. Mario; Gaus Boaga F.E.	Reference Quality Procedure : QP01
Weather: Wind 5Kts, Swell 0.3m	

Comparison of TRIMBLE/SKYFIX DGPS to NAVCOM DGPS
both referred to Reference Point 1 (in meters)

Average Observed REFP1 from GPS1		Diff. GPS1- GPS2		Average Observed REFP1 from GPS2	
Northing	Easting	Delta N.	Delta E	Northing	Easting
4924654.279	2301001.696	1.747	1.815	4924656.027	2300999.881

Average distance between GPS1 and GPS2 = 2.520 m



Operator Signature	G.A.S. Party Chief Signature	Client Signature

Rev. Date	File:	Page
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