SH 6 MAFLA 15RS SP#159A-2021

V43

TIME	RMS	AVG	INT	DEPTH
4400	1500	1500	1500	3300
5500	1610	1598	1990	4394
5850	2000	1808	5111	5289
6200	2200	1951	4345	6049
6700	2600	2218	5528	7431
8000	3500	2892	6367	11570

V42

TIME	RMS	AVG	INT	DEPTH
4400	1500	1500	1500	3300
5600	1600	1590	1922	4453
5950	2000	1802	5200	5363
6400	2400	2055	5388	6575
6600	2810	2257	8732	7449
8000	4000	3150	7362	12602

V41

TIME	RMS	AVG	INT	DEPTH
4200	1500	1500	1500	3150
4800	1610	1591	2233	3819
5500	2200	1961	4500	5395
6000	2410	2136	4056	6409
6300	2610	2281	5185	7187
6600	3000	2514	7412	8299
8000	4000	3299	7000	13199

V40

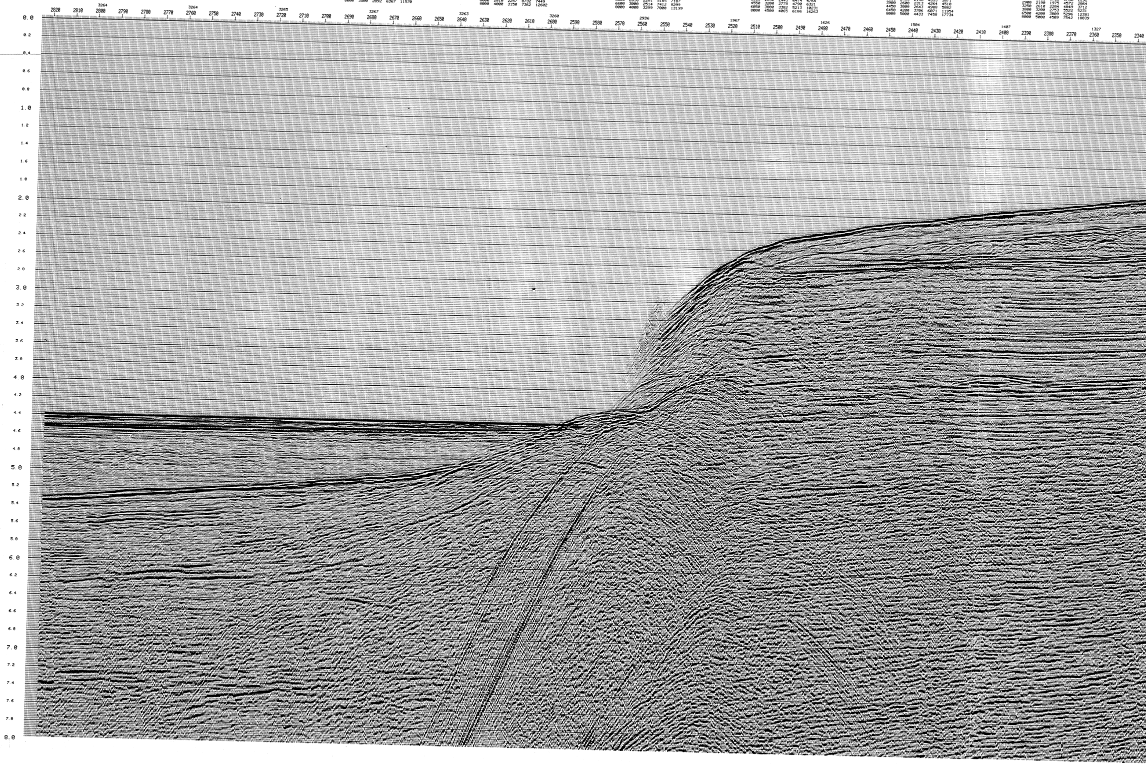
TIME	RMS	AVG	INT	DEPTH
2300	1500	1500	1500	1725
2800	1610	1596	2041	2235
3150	2000	1853	3906	2918
3400	2210	2011	4003	3419
3650	2410	2167	4286	3955
3900	2850	2443	6474	4764
4550	3200	2778	4790	6321
6050	3800	3382	5213	10231
8000	4500	4065	6186	16263

V39

TIME	RMS	AVG	INT	DEPTH
2100	1500	1500	1500	1575
2850	1610	1601	1884	2281
3100	2000	1833	4477	2841
3350	2200	1987	3905	3329
3600	2410	2150	4333	3871
3900	2600	2313	4264	4510
4450	3000	2643	4988	5882
6450	4200	3706	6071	11954
8000	5000	4433	7458	17734

V38

TIME	RMS	AVG	INT	DEPTH
1900	1500	1500	1500	1425
2500	1620	1608	1951	2010
2650	1810	1730	3760	2292
2900	2190	1975	4572	2864
3250	2610	2284	4849	3712
3800	3200	2753	5522	5231
6500	4200	3809	5296	12381
8000	5000	4509	7542	18039



SH 5 MAFLA 15RS SP#159A-2021

V37

TIME	RMS	AVG	INT	DEPTH
1700	1500	1500	1500	1275
2350	1610	1601	1867	1881
2700	2000	1869	3667	2523
3150	2600	2292	4829	3610
3850	3210	2807	5123	5403
4400	3390	3012	4450	6627
8000	5000	4556	6442	18224

V36

TIME	RMS	AVG	INT	DEPTH
1500	1500	1500	1500	1125
2200	1610	1602	1823	1763
2550	1810	1760	2752	2244
2900	2400	2137	4884	3099
3150	2610	2314	4360	3644
3550	3000	2630	5121	4669
3850	3410	2934	6536	5649
6250	4420	3987	5676	12461
8000	5500	4926	8277	19703

V35

TIME	RMS	AVG	INT	DEPTH
1400	1500	1500	1500	1050
2100	1600	1594	1783	1674
2400	1810	1755	2879	2106
2650	2210	2014	4507	2669
2900	2590	2280	5103	3307
3350	3000	2629	4875	4404
4950	4000	3569	5536	8833
6250	4800	4295	7060	13422
8000	6000	5340	9071	21360

V34

TIME	RMS	AVG	INT	DEPTH
1300	1500	1500	1500	975
1950	1600	1594	1783	1554
2200	1800	1745	2923	1919
2500	2200	2024	4071	2530
3150	3010	2644	5029	4165
4250	3600	3231	4912	6866
8000	6500	5788	8685	23152

V33

TIME	RMS	AVG	INT	DEPTH
1200	1500	1500	1500	900
1750	1600	1594	1799	1394
2050	1800	1753	2684	1797
2450	2200	2056	3611	2519
3250	3050	2730	4792	4436
8000	6500	5888	8049	23554

V32

TIME	RMS	AVG	INT	DEPTH
1000	1500	1500	1500	750
1650	1600	1595	1742	1316
1950	2000	1881	3452	1834
2650	2800	2521	4305	3341
3350	3390	3046	5031	5102
4650	4000	3663	5255	8518
5700	4790	4338	7327	12365
8000	6500	5820	9491	23280

V31

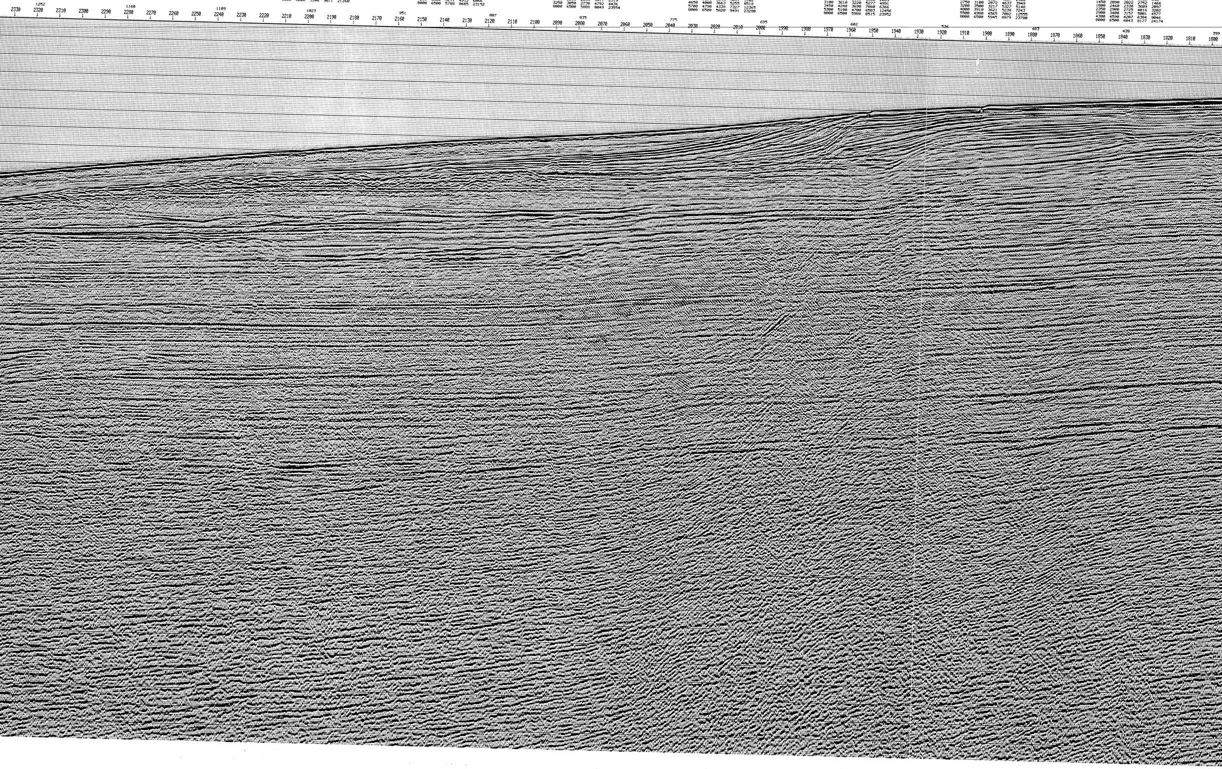
TIME	RMS	AVG	INT	DEPTH
900	1500	1500	1500	675
1650	1810	1783	2123	1471
2000	2210	2089	3530	2089
3100	3610	3220	5277	4991
3450	4240	3690	7860	6366
5300	5180	4700	6583	12456
8000	6500	5988	8515	23952

V30

TIME	RMS	AVG	INT	DEPTH
700	1500	1500	1500	525
1000	1690	1669	2066	835
1600	2000	1955	2430	1564
1900	2300	2197	3488	2087
2300	2700	2527	4097	2906
2750	3100	2872	4633	3949
3200	3500	3217	5327	5148
4000	3910	3621	5238	7243
5500	4980	4565	7082	12555
8000	6500	5945	8979	23780

V29

TIME	RMS	AVG	INT	DEPTH
600	1500	1500	1500	450
1000	1710	1693	1983	846
1450	2090	2022	2752	1466
1800	2460	2330	3609	2097
2350	2900	2725	4016	3202
2900	3400	3157	5001	4577
4300	4590	4207	6384	9046
8000	6500	6043	8177	24174



SH 4 MAFLA 15RS SP#159A-2021

V28

TIME	RMS	AVG	INT	DEPTH
600	1500	1500	1500	450
1000	1900	1850	2377	925
1450	2290	2201	2979	1595
2050	2800	2656	3756	2722
2500	3200	3006	4601	3758
3300	3760	3521	5130	5810
4750	4690	4374	6315	10388
8000	6500	6040	8476	24163

V27

TIME	RMS	AVG	INT	DEPTH
450	1500	1500	1500	337
800	1800	1773	2124	709
1650	2610	2502	3189	2064
2250	3230	3039	4515	3419
2700	3450	3264	4387	4406
3150	3900	3643	5920	5738
3950	4300	4040	5604	7980
5350	5190	4847	7125	12968
8000	6500	6075	8553	24301

V26

TIME	RMS	AVG	INT	DEPTH
500	1500	1500	1500	375
800	1800	1766	2211	706
1200	2200	2123	2835	1273
1400	2500	2367	3835	1657
1600	2800	2616	4355	2092
2200	3270	3069	4277	3376
3000	3850	3615	5116	5422
3900	4240	4012	5338	7825
4500	4510	4274	5974	9617
5800	5320	4991	7474	14475
8000	6500	6063	8889	24253

V25

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
650	1770	1761	1877	572
1300	2400	2328	2896	1513
1550	2800	2649	4319	2053
1950	3150	2976	4241	2901
2200	3300	3126	4293	3438
2750	3500	3342	4205	4595
3100	3900	3664	6202	5680
3700	4120	3898	5107	7213
4000	4300	4063	6097	8127
5600	5000	4738	6424	13267
8000	6500	6041	9083	24166

V24

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
650	1730	1723	1822	560
950	2090	2035	2710	966
1250	2400	2312	3188	1445
1450	2700	2559	4105	1855
1850	3100	2923	4245	2704
2350	3500	3300	4692	3877
2850	3750	3554	4752	5065
3650	3970	3799	4670	6933
5150	4800	4552	6383	11721
8000	6500	6055	8772	24222

V23

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
600	1700	1694	1791	508
800	2000	1947	2707	779
1250	2400	2319	2981	1449
1550	2790	2650	4027	2054
2000	3400	3169	4956	3169
2500	3610	3405	4349	4256
3150	4380	4053	6545	6384
4350	4700	4439	5451	9654
8000	6500	6128	8141	24512

V22

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
1000	2290	2258	2448	1129
1750	3010	2902	3761	2539
3300	3960	3799	4812	6269
4650	4170	4044	4643	9403
8000	6500	6019	8761	24078

V21

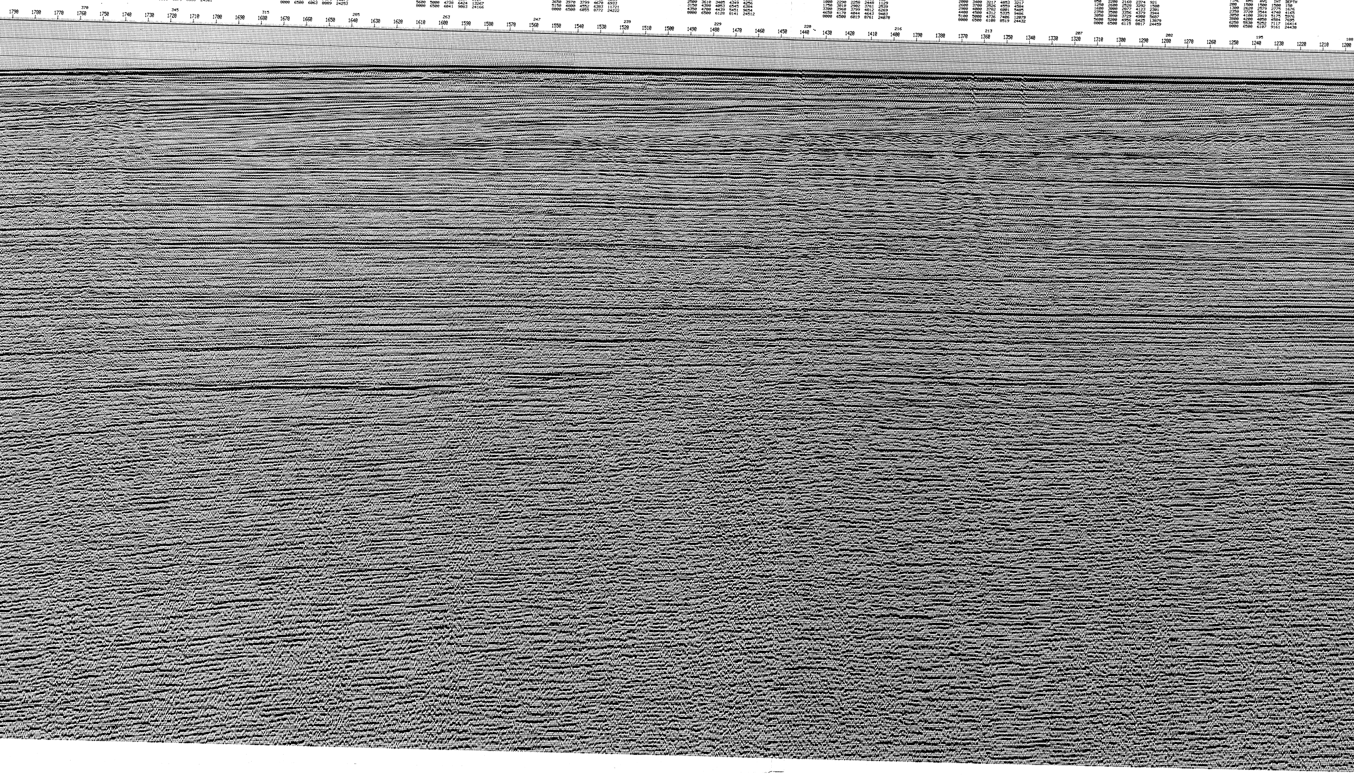
TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
1000	2300	2267	2459	1133
1500	2750	2671	3479	2003
2000	3400	3217	4853	3217
2600	3700	3526	4559	4584
2900	4000	3782	6001	5485
4400	4500	4312	5335	9486
5100	5000	4736	7406	12079
8000	6500	6108	8519	24432

V20

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
850	2200	2168	2374	921
1250	2600	2528	3292	1580
1600	3000	2877	4123	2301
2350	3500	3356	4379	3944
3050	3890	3729	4980	5687
5600	5200	4956	6425	13879
8000	6500	6115	8817	24459

V19

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
1300	2620	2579	2775	1676
2350	3720	3544	4740	4165
3050	4100	3919	5175	5976
3800	4200	4050	4584	7695
6250	5530	5252	7117	16414
8000	6500	6107	9161	24430



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V18

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
850	2200	2168	2374	921
1450	2900	2789	3669	2022
1850	3300	3150	4458	2914
2400	3750	3568	4973	4282
3800	4200	4050	4875	7695
5400	5330	5027	7347	13572
8000	6500	6131	8426	24526

V17

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
900	2240	2207	2410	993
1250	2600	2528	3352	1580
1650	3030	2907	4092	2398
2400	3760	3562	5004	4275
4000	4100	3962	4562	7925
8000	6500	6095	8227	24380

V16

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
750	2200	2163	2404	811
1300	2600	2543	3062	1653
1700	3100	2967	4344	2522
2300	3700	3504	5024	4029
3600	4330	4139	5263	7450
6250	5330	5116	6444	15989
8000	6500	6092	9575	24367

V15

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
700	2200	2160	2424	756
1550	2800	2736	3211	2120
2450	3600	3445	4666	4220
3000	4050	3846	5633	5769
3650	4200	4022	4832	7340
5850	5400	5122	6947	14983
8000	6500	6117	8824	24469

V14

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
650	2170	2129	2408	692
1300	2610	2557	2985	1662
1600	3000	2884	4298	2307
2050	3400	3248	4545	3329
2300	3700	3502	5581	4027
3000	4070	3875	5100	5812
3800	4400	4209	5462	7997
4500	4730	4522	6223	10175
5700	5300	5052	7037	14398
8000	6500	6128	8794	24512

V13

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
1200	2620	2575	2790	1545
1600	3000	2912	3925	2330
2300	3700	3530	4940	4059
2750	4100	3888	5723	5347
3500	4300	4119	4964	7209
6050	5100	4923	6027	14894
8000	6500	6069	9624	24278

V12

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
850	2000	1982	2130	842
1250	2800	2627	4000	1642
1450	3100	2892	4546	2097
1850	3300	3119	3940	2885
2600	3900	3686	5085	4792
5200	4890	4698	5710	12216
8000	6500	6111	8735	24446

V11

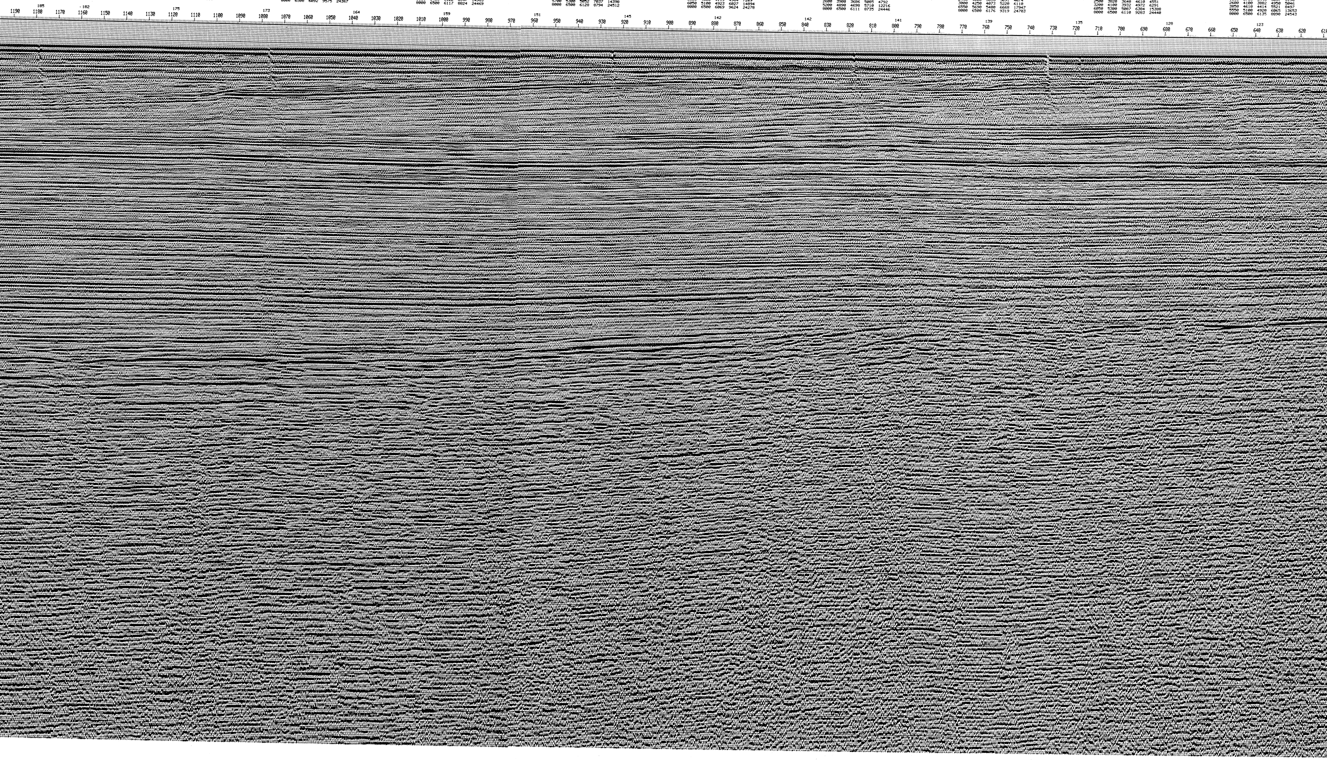
TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
600	2110	2071	2356	621
1200	2850	2752	3434	1651
1550	3200	3075	4183	2383
2450	4000	3816	5091	4674
3000	4250	4073	5220	6110
6550	5690	5480	6668	17947
8000	6500	6176	9319	24703

V10

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
750	2000	1979	2153	742
1250	2800	2662	3687	1664
1550	3200	3018	4498	2338
1850	3500	3300	4757	3052
2500	3820	3640	4610	4551
3200	4100	3932	4972	6291
6050	5300	5087	6384	15388
8000	6500	6110	9283	24440

V9

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
750	2000	1979	2153	742
1250	2800	2662	3687	1664
1850	3700	3448	5087	3190
2600	4100	3882	4950	5046
3850	4610	4414	5521	8497
5550	5100	4920	6065	13653
8000	6500	6135	8890	24543



SH 2 MAFLA 15RS SP#159A-2021

SH 1 MAFLA 15RS SP#159A-2021

-- EAST -->

V8

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
1350	3240	3164	3454	2136
1850	3700	3586	4723	3317
2600	4100	3979	4950	5173
4450	4300	4223	4566	9397
8000	6500	6115	8487	24462

V7

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
1250	3000	2934	3207	1833
1550	3400	3278	4714	2540
2200	3720	3607	4389	3967
2950	4210	4061	5396	5991
3550	4500	4341	5715	7706
5100	5200	5005	6526	12763
8000	6500	6202	8306	2480

V6

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
900	2020	2002	2145	900
1550	3400	3125	4681	2422
2050	3620	3395	4229	3479
2900	4000	3805	4794	5517
4250	4570	4375	5601	9298
8000	6500	6146	8152	24584

V5

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
1300	3600	3497	3861	2273
1900	3920	3825	4536	3634
2600	4300	4193	5193	5452
4050	4920	4794	5870	9707
8000	6500	6275	7794	25101

V4

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
1100	3400	3293	3691	1811
1700	3700	3611	4194	3069
2550	4300	4174	5300	5322
3600	4530	4428	5045	7970
4700	5190	5012	6923	11778
8000	6500	6246	8003	24984

V3

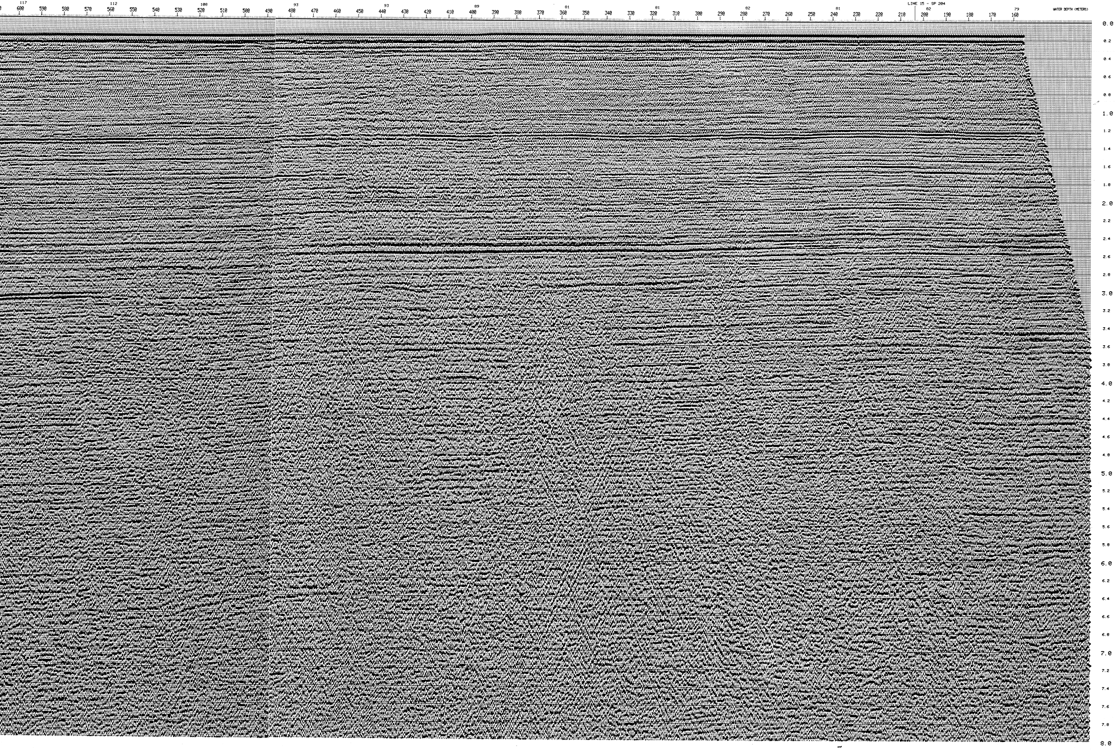
TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
1100	3200	3108	3466	1709
1650	3690	3576	4513	2951
2500	4000	3905	4541	4881
3750	4340	4253	4950	7975
6050	5300	5134	6571	15531
8000	6500	6145	9283	24583

V2

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
1250	3400	3307	3651	2067
1900	3720	3636	4268	3454
2600	4300	4159	5578	5406
6250	5350	5226	5986	16332
8000	6500	6168	9535	24675

V1

TIME	RMS	AVG	INT	DEPTH
200	1500	1500	1500	150
400	1800	1778	2056	355
1250	3420	3261	3395	2038
1950	3700	3651	4349	3560
2600	4300	4133	5576	5372
3850	4820	4659	5753	8968
5700	5520	5336	6747	15210
8000	6500	6232	8452	24930



U. S. G. S.

PROSPECT:

LINE NO. 15 RS

MAFLA OCS

AREA:

GULF OF MEXICO

DIGITAL PROCESS

SCALED STRUCTURAL

DATE: DEC. 15, 1980

RECORDING INFORMATION

SHOT BY: SEI,SA	DATE RECORDED: AUG. 9, 1979
CREW:	SOURCE: AIR GUN (21/2183 cu.in.)
LENGTH:	SWEEP FREQUENCE:
GAIN: I.F.P.	INSTRUMENTS: GEOSOURCE MDS-10
FORMAT: SEG B	ANALOG ___ DIGITAL X
SAMPLE RATE: 4	MARINE X LAND ___
RECORDING FILTER: 9-18/62-80	RECORD LENGTH: 8 SEC.
GEO / STA.	STA. INT. 50 M.
NEAR TRACE 64 DISTANCE 188 M.	SHOT POINT INT. 50 M.
FAR TRACE 1 DISTANCE 3338 M.	STREAMER LENGTH = 3150 M.

PROCESSING INFORMATION

1 REFORMAT SAMPLE RATE: 4 MS
___ VERTICAL SUM ___ RECORDS
___ PRIMARY STATICS DATUM ______ Vo ______ / SEC.
2 DECON OPER. 128 MS PREDICTION DIST. 2ND ZERO CROSSING
DESIGN WINDOW: NEAR TR. 1. 0.4 to 5.0 2. ____ to ____
FAR TR. 1. 2.5 to 5.5 2. ____ to ____
___ FILTER 1. ___ to ___ SEC. _____ HZ 2. ___ to ___ SEC. _____ HZ
3. ___ to ___ SEC. _____ HZ 4. ___ to ___ SEC. _____ HZ
6 SCALE
3 VELOCITY ANALYSIS
4 NMO CORRECTION
5 MUTE
___ AUTOMATIC STATICS WINDOW: 1. ___ to ___ SEC. 2. ___ to ___ SEC.
7 STACK 32 FOLD
8 DECON. OPER. 100 MS PREDICTION DIST. 2ND ZERO CROSSING
DESIGN WINDOW: 1. 0.1 to 2.3 SEC. 2. 2.3 to 6.0 SEC.
9 FILTER: 1. 0.0 to 2.0 SEC. 9/48 HZ 2. 2.0 to 3.8 SEC. 9/40 HZ
3. 3.8 to 6.0 SEC. 9/32 HZ 4. 6.0 to 8.0 SEC. 9/24 HZ
10 SCALE
___ MIGRATION
___

REMARKS:
8,3 APPLICATIONS AT SP 159A. DESIGN VARIES WITH GEOLOGY

PROCESSED BY

Geophysical Data
Processing Center, inc.

4616 WEST ALABAMA HOUSTON, TEXAS 77027 (713) 961-4561