

GEOPHYSICAL SERVICE INTERNATIONAL
DIGITAL PROCESSING CENTRE



AUSTRALIA LIMITED

PROCESSING DATA

Input: 4 Trs

Process: 24 Trs

Gate: 0

Rate: 4000

DCN: 56

DGN: 56

TVD: 64

300 to 4500

35

374

6469

Feb 1972

AREA: GIPPSLAND BASIN

LINE: G71B-551

RECORDS: 2693 to 2772

Source: Air Gun

Array: 23

4

48

708

973

656

30

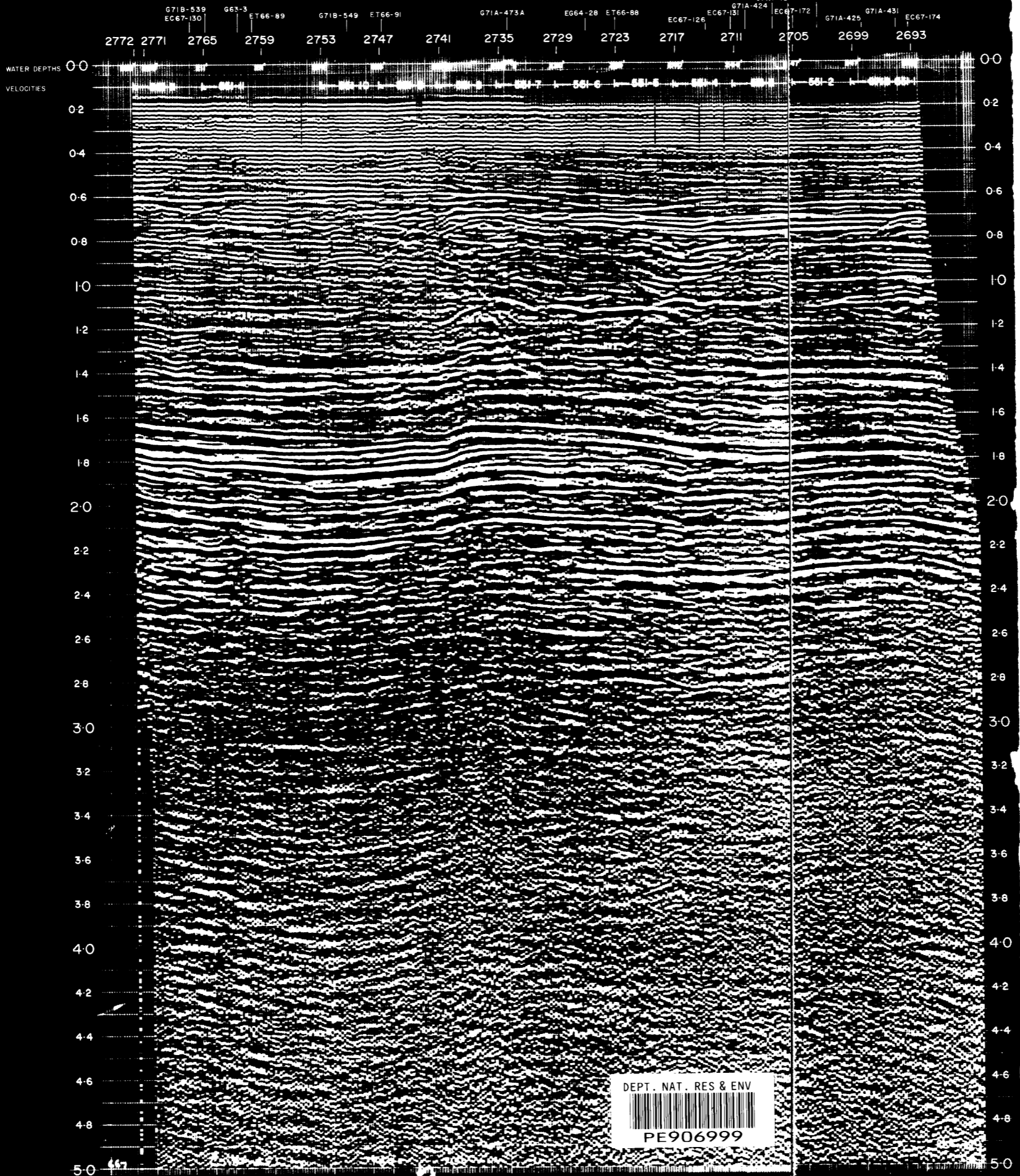
DFS III

8 to 62

4

909

Dec 1971



LINE **G71B-551**
SCALE RATIO = 2.81/AT 1.5 SEC.

G71B-539
EC67-130

G63-3

ET66-89

C71B-549

ET66-91

G71A-473A

E664-28

ET66-88

EC67-126

EC67-131

G71A-424

EC67-172

G71A-425

G71A-431

EC67-174

2772 2771 2765

2759

2753 2747

2741

2735

2729 2723

2717

2711

2705

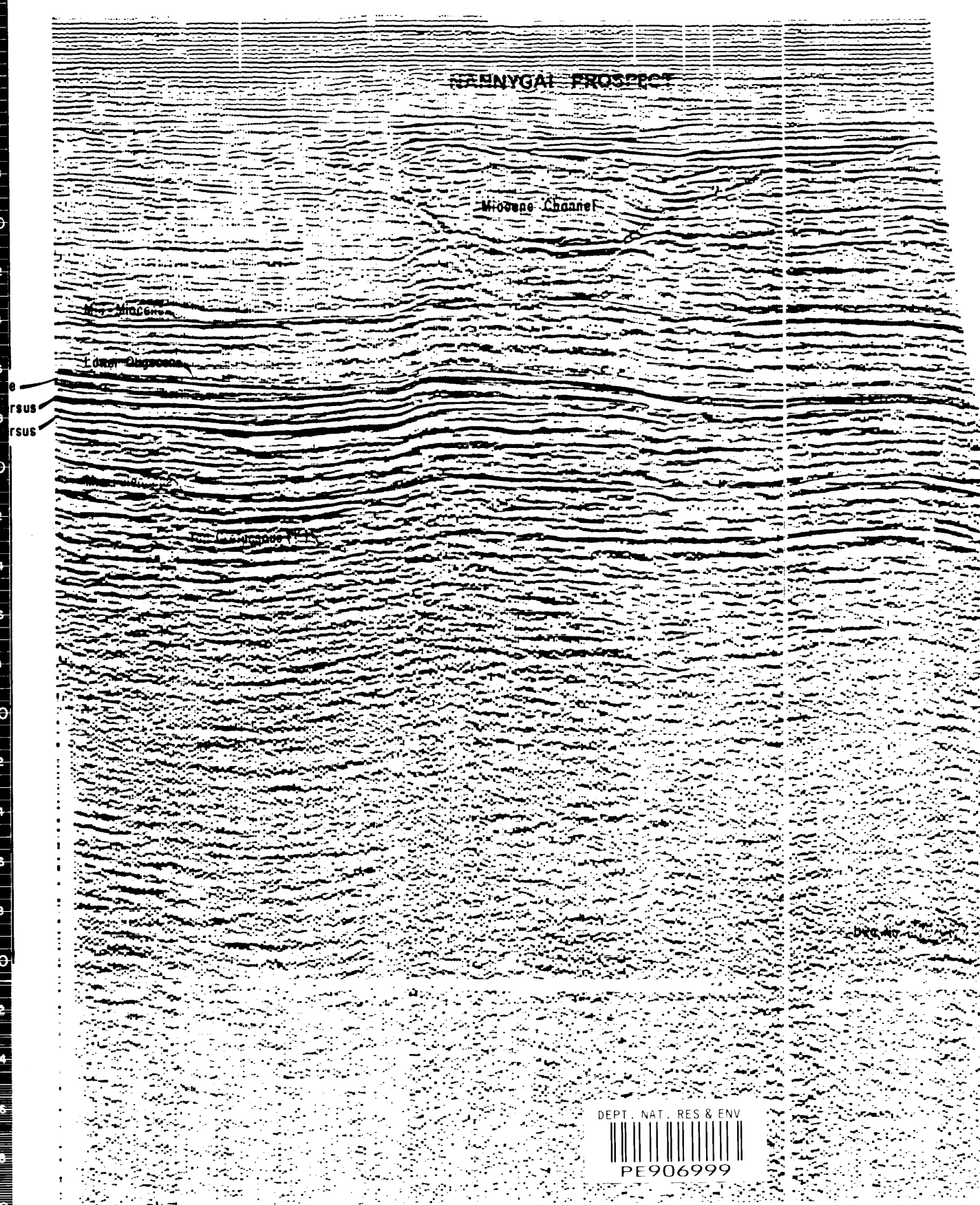
2699

2693

WATER DEPTHS
VELOCITIES

0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
3.2
3.4
3.6
3.8
4.0
4.2
4.4
4.6
4.8
5.0

0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
3.2
3.4
3.6
3.8
4.0
4.2
4.4
4.6
4.8
5.0

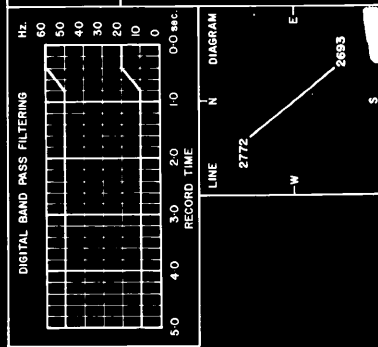


ESSO AUSTRALIA LIMITED

AREA - GIPPSLAND BASIN
RECORDING PARAMETERS: LINE **G71B-551**
Source: Air Gun SP **2695** to **2772**
Array size **1300** cu.in., **23** guns, tuned array.
4 poles/SP. Shot off group **48** (no. of groups **48**)
Cable length (centre of gp. 1 to centre of gp. 48) **7708** ft.
Offset (array centre to centre of group 48) **973** ft.
Group interval **164** ft. SP interval **656** ft.
30 geophones/group. Field polarity first break **Negative**
Recording system **DES III** Filter **8** to **62** Hz.
Recording length **5.0** sec. Sample rate **4** ms.

G.S.I. Field crew **909** Date **Dec. 1971**

PROCESSED DATA: Sample period **4** ms.
Groups processed **1** - **48** Processed **24** fold
TAR: B* **-18** db, α **4** db/sec. Gate **0** to **4000** ms.
Vertical stack **Odd/Even**
Decon before stack: DCN **56** pits, **4** ms. No. of gates/trace **1**
Design gate (trace 1) **2200** to **4500** ms. Gate shift **-80** ms/trace
Decon after stack: IVD **64** pits, **4** ms. No. of gates/trace **2**
Design gate (trace 1) **300** to **4500** ms. Gate shift **0** ms/trace
Digital filter **35** pits, **4** ms. to **Hz.**
Displayed: digital AGC. Playback gain **7** db.
Polarity displayed: Positive Negative
TIAC REQUEST **374** Hold tape **6469**
INPUT CREW PARTY **107-ES0-2** Date **Feb 1972**



DEPT. NAT. RES & ENV
PE906999