

SURVEY: SEA MAGNETOMETER AND GRAVITY 501-2844
LOCATION: OTWAY BASIN SURVEY - VIC/P28 - SOS88A-LINES
CLIENT: SHELL AUSTRALIA
DATE: AUGUST 1988
DATA ACQUISITION: GEOPHYSICAL SERVICE INC.
DATA COMPILATION: COMPAGNIE GENERALE DE GEOPHYSIQUE

ARCHIVE TAPE FORMAT

ARCHIVE TAPE NUMBER : 514106
 RECORDING MODE : ASCII
 HEADER BLOCK LENGHT : 63 X 80 BYTES
 HEADER FORMAT : A 80

 DATA BLOCK LENGHT : 34720 BYTES
 DATA BLOCKING FACTOR : 64
 DATA RECORD FORMAT : 23 I 10

DATA FIELD CONTENTS

FIELD	CONTENTS
1	IDENTIFIER (LINE X 100 + LINE PART)
2	ALPHANUMERIC IDENTIFIER
3	SHOOT POINT NUMBER
4	TIME (IN SECONDS)
5	DAY
6	X COORDINATES (IN METRES)
7	Y COORDINATES (IN METRES)
8	LONGITUDE (IN DDDMMSS AND 1/100 OF SECOND)
9	LATITUDE (IN DDDMMSS AND 1/100 OF SECOND)
10	RAW SHIP MAGNETICS (IN 1/100 OF NANOTESLA)
11	RAW SHORE MAGNETICS (IN 1/100 OF NANOTESLA)
12	SHIP-SHORE MAGNETICS FILTERED AND IGRF REMOVED (IN 1/100 OF NANOTESLA)
13	RESIDUAL MAGNETICS (IN 1/1000 OF NANOTESLA)
14	GRAVITY (IN 1/10 OF MILLISAL)
15	FILTERED WATER DEPTH (IN 1/10 OF METER)
16	FILTERED G-GO (IN MICROGALS)
17	FILTERED EOTVOS (IN MICROGALS)
18	FILTERED FREE AIR (IN MICROGALS)
19	WATER DEPTH CORRECTION (IN MICROGALS)
20	BOUGUER ANOMALY (IN MICROGALS)
21	WATER DEPTH AFTER LEVELLING (IN 1/10 OF METER)
22	FREE AIR AFTER LEVELLING (IN MICROGALS)
23	BOUGUER ANOMALY AFTER LEVELLING (IN MICROGALS)

GEODETIC AND PROJECTION CHARACTERISTICS

PROJECTION : U.T.M. ZONE=54
 ELLIPSOID : AUSTRALIAN
 CENTRAL MERIDIAN : 141 DEGREE EAST
 LATITUDE OF ORIGIN : 0 DEGREE
 FALSE EASTING : 500000 METERS
 FALSE NORTHING : 1000000 METERS
 SCALING FACTOR : 0.9996



PE003027