

# BGS MEDIN Data Archiving Project

---

## Tarmac Marine Geophysical Records – February 2017

### Summary

A MEDIN small data archiving project for the archiving of Tarmac Marine Geophysical Paper Records from Aggregate Industry Surveys dating from 1989 to 2004 was carried out by the BGS MEDIN DAC for Geology and Geophysics in FY16/17.

44 boxes of paper records were received and accessioned at BGS Keyworth in July 2015 (using BGS funds), and a basic index was created. The boxes contain geophysical records, reports and track charts. The geophysical records contain high quality boomer seismic and side scan sonar data. Scanning of records at BGS Edinburgh using in-house scanners commenced in September 2016.

Boxes were transferred to Edinburgh and prepared prior to scanning. The digital outputs were quality controlled after scanning. To date (1 February 2017) 13 boxes (30%) have been scanned and an additional 5 have been prepared (41%) using the MEDIN funds. See summary of the boxes in the table below.

Some issues were encountered with the scanning. For some records the scanner needed to be cleaned after each roll due to crystal coming off the paper (like glitter), resulting in the scanning taking some additional time.

The boxes have been entered into the BGS Detailed Accession System and are viewable online via the Detailed Accession Search here:

<http://webservices.bgs.ac.uk/accessions/documents?titleSearch=tarmac>.

The scans will be linked to this system and this will be used to deliver the scans online when the next version of the Detailed Accession Search is released later this year. In the meantime the data are available on request from BGS.

Scanning of the remaining boxes will continue gradually using BGS funds as time and resource permits until complete.

## Summary of Tarmac Boxes

BOX	AREA	DESCRIPTION	BOX CONTENTS	Scanned	Scans QC'd	Issues/Notes
1	Hugo Bank in SE Swansea Bay	One box of data and reports from 1990	Seismics. Track Chart, Report, VC logs	yes	ejpg, 07/10/2016	Box1 scan Item 117 contains Echsounder S. Holm lines, may belong to another survey!
2	Aldeburgh Prospecting Area off East Anglia	Two boxes of data and charts from 1992 and 1993. Box 1 of 2	Seismics, Track Chart, Reprt	yes	ejpg, 21/10/2016	
3	Aldeburgh Prospecting Area off East Anglia	Two boxes of data and charts from 1992 and 1993. Box 2 of 2	Seismics	yes	ejpg, 21/10/2016	
4	Shipwash area 287 off Orford Ness	One box of boomer and side scan data with charts and reports from 1991	in Edin @LC1	issue		Geophysical line track chart - missing.
5	Morecambe Bay 331 in the Irish Sea	One box of reports with bagged 2004 boomer data. Box 1 of 2	Seismics, Track Chart, Report	yes	robe, 26/10/2016	Track chart (C4021-1) missing from report C4021
6	Morecambe Bay 331 in the Irish Sea	One box of 1992 Boomer data. Box 2 of 2	Seismics, Report	yes	robe, 26/10/2016	Area 331 Project GY434A. Also contains Area 292 project GY434B and North Nab 122/3 records.
7	Turbot Bank and Helwick Bank in the Bristol Channel	One box of data with charts from 1988 and 1990	Seismics, Track Chart, Report, VC logs	yes	ejpg, 07/11/2016	
8	SW Cross Sands off Lowestoft	One box of Boomer and side scan data with charts and reports from 1993	Seismics, Track Chart no1 in report and folder	yes	robe, 01/11/2016	Dowty SSS line ALD33 (item 177) found in box belongs in box 2
9	Lowestoft Aggregates Survey	One box of data from 1990	Seismics, Track Chart, Report, VC logs	yes	robe, 16/11/2016	SW Cross Sands off Lowestoft. 1 RECORD FROM Project GY363 (30/7/1990)
10	Horsetail 122/2 off Hayling Island	One box of Boomer and Side Scan Rolls from 1995. Box 1 of 2	Seismics, Geophys log of lines	yes	ejpg, 08/11/2016	
11	Horsetail 122/2 off Hayling Island	One box of Reports from 1995. Box 2 of 2	VC logs, PSA data, Reports, printed dataset of fix locations	yes	ejpg	4x charts and data disk missing from survey report associated with geophysical records.
12	Southwold 399 off East Anglia	One box of data report and charts from 1989	Seismics, Report line plan	yes	robe, 16/11/2016	Ships track chart and bathymetry chart missing from back of report. Area line plan and bounding polygon co-ordinates in report - enough to give general line location.
13	Sunk 109/2 in the Outer Thames Estuary	One box of Boomer and Side Scan data from 1992	Seismics - no Track Chart or Reports			
14	North Nab Adjustment 433 East of the Isle of Wight	One box of data and charts from 1991	Seismics, Track Chart	issue		Track chart and 2 rolls are from 1999. No track chart associated with 1991 data (Area 433 GY427).

15	North Nab 122/3 East of the Isle of Wight	One box containing box files of Boomer and Side Scan data from 1991 and 1995 with reports. Box 1 of 2	Seismics, Track Chart, Report	yes		Scanner needed cleaned after each roll due to crystal coming off paper (like glitter).
16	North Nab 122/3 East of the Isle of Wight	One box of Boomer data from 1997. Box 2 of 2	Seismics			
17	Area 213 West, East of the Isle of Wight	One box of Boomer and Side Scan data from 1990	Seismics, no Track Chart, Report			
18	Inner Dowsing & East Dudgeopn Shoals off Lincolnshire	Three boxes of Boomer and Side Scan data from 1999, 2000 and 2001 with reports. Box 1 of 3	Seismics, Track Chart, Report			2 Floppy disks at back of reports - Bathy data - Copied to SAN.
19	Inner Dowsing & East Dudgeopn Shoals off Lincolnshire	Three boxes of Boomer and Side Scan data from 1999, 2000 and 2001 with reports. Box 2 of 3	Seismics			
20	Inner Dowsing & East Dudgeopn Shoals off Lincolnshire	Three boxes of Boomer and Side Scan data from 1999, 2000 and 2001 with reports. Box 3 of 3	Seismics, Track Chart, Report			
21	Owers East and West off West Sussex	One box of Boomer and Side Scan data from 1991	Seismics, Track Chart			
22	Owers North off Littlehampton	One box of Boomer and Side Scan data from 1990	Seismics, no Track Chart			
23	Owers 122/1 off Littlehampton	Four boxes of Boomer and Side Scan data from 1990-91, 1995 and 1998-9. One box of charts and reports. Box 1 of 5 (1995)	Seismics, no Track Chart			
24	West Southwold off East Anglia	One box of Boomer and Side Scan data from 1993	Seismics, no Track Chart, detailed plan			
25	Holm Sands in the Bristol Channel	Two bags of Pinger and Side Scan data from 1992. Box 1 of 2	Seismics, no Track Chart, no Report			
26	Holm Sands in the Bristol Channel	Two bags of Pinger and Side Scan data from 1992. Box 1 of 2	Seismics, no Track Chart, no Report			
27	Owers 122/1 off Littlehampton	Four boxes of Boomer and Side Scan data from 1990-91, 1995 and 1998-9. One box of charts and reports. Box 2 of 5 (Charts)	Seismics			
28	Owers 122/1 off Littlehampton	Four boxes of Boomer and Side Scan data from 1990-91, 1995 and 1998-9. One box of charts and reports. Box 3 of 5	Seismics			

29	Owers 122/1 off Littlehampton	Four boxes of Boomer and Side Scan data from 1990-91, 1995 and 1998-9. One box of charts and reports. Box 4 of 5	Seismics, Track Chart			
30	Owers 122/1 off Littlehampton	Four boxes of Boomer and Side Scan data from 1990-91, 1995 and 1998-9. One box of charts and reports. Box 5 of 5	Track Charts, Reports, VC logs			
31	Owers East (A1) off Shoreham	Two boxes of Boomer and Side Scan data from 1990. Box 1 of 2	Seismics			
32	Owers East (A1) off Shoreham	Two boxes of Boomer and Side Scan data from 1990. Box 2 of 2	Seismics			
33	Nash Bank Area 380 Bristol Channel	Nine Boxes of Reports. One box of Boomer and Side Scan Data (1995) and one box of Pinger and Side Scan Sonar data 1992 Box 1 of 11 (1995)	Seismics			
34	Nash Bank Area 380 Bristol Channel	Nine Boxes of Reports. One box of Boomer and Side Scan Data (1995) and one box of Pinger and Side Scan Sonar data 1992 Box 2 of 11	Various reports/Studies, aerial photos, correspondance			
35	Nash Bank Area 380 Bristol Channel	Nine Boxes of Reports. One box of Boomer and Side Scan Data (1995) and one box of Pinger and Side Scan Sonar data 1992 Box 3 of 11	Various Rreports/desk studies			
36	Nash Bank Area 380 Bristol Channel	Nine Boxes of Reports. One box of Boomer and Side Scan Data (1995) and one box of Pinger and Side Scan Sonar data 1992 Box 4 of 11	Track Charts, various reports			
37	Nash Bank Area 380 Bristol Channel	Nine Boxes of Reports. One box of Boomer and Side Scan Data (1995) and one box of Pinger and Side Scan Sonar data 1992 Box 5 of 11	Various reports			
38	Nash Bank Area 380 Bristol Channel	Nine Boxes of Reports. One box of Boomer and Side Scan Data (1995) and one box of Pinger and Side Scan Sonar data 1992 Box 6 of 11	Various reports			
39	Nash Bank Area 380 Bristol Channel	Nine Boxes of Reports. One box of Boomer and Side Scan Data (1995) and one box of Pinger and Side Scan Sonar data 1992 Box 7 of 11	Various reports			
40	Nash Bank Area 380 Bristol Channel	Nine Boxes of Reports. One box of Boomer and Side Scan Data (1995) and one box of Pinger and Side Scan Sonar data 1992 Box 8 of 11	Various reports, sample information, PSA data, correspondance			

41	Nash Bank Area 380 Bristol Channel	Nine Boxes of Reports. One box of Boomer and Side Scan Data (1995) and one box of Pinger and Side Scan Sonar data 1992 Box 9 of 11	Various reports			
42	Nash Bank Area 380 Bristol Channel	Nine Boxes of Reports. One box of Boomer and Side Scan Data (1995) and one box of Pinger and Side Scan Sonar data 1992 Box 10 of 11	Various reports			
43	Nash Bank Area 380 Bristol Channel	Nine Boxes of Reports. One box of Boomer and Side Scan Data (1995) and one box of Pinger and Side Scan Sonar data 1992 Box 11 of 11 (1992)	Seismics			
44	Miscellaneous Rolls of Charts	24 Individual rolls relating to the above data sets	Track Charts, various drawings			