

Table S1. Description of the multibeam datasets used in this study from the Witch Ground Basin. Survey location is shown in Figure 2.

	Data set	Company	Licence block	Date	Gathered by	Area km²	xyz data grid size
A	Britannia A	ConocoPhillips	15/29	2005	Fugro	16.92	2m grid
B	Britannia B	ConocoPhillips	15/30	2003	Fugro	21.76	5m grid
C	Britannia C	ConocoPhillips	15/30 & 16/26	2005	Fugro	36.10	2m grid
D	Britannia D	ConocoPhillips	16/26	2003	Fugro	21.31	5m grid
E	Buchan	Talisman Energy	21/1	2003	Fugro	21.15	2m grid
F	Ivanhoe	Amerada Hess	15/21	2003	Fugro	14.06	2m grid
G	Petronella	Talisman Energy	14/20	2006	UTEC	9.64	1m grid
H	Rob Roy	Amerada Hess	15/21	2001	Fugro	17.26	10m grid
I	Roisin	Talisman Energy	15/27	2003	Fugro	19.50	2m grid
J	Tartan Terrace	Talisman Energy	15/16	2003	Fugro	15.59	2m grid
K	SEA2 Box 1	DTI	21/3 & 21/4	2001	OSAE	6.96	2m grid
L	SEA2 Box 2	DTI	15/28	2001	OSAE	29.78	2m grid
M	SEA2 Box 3	DTI	22/1	2001	OSAE	6.27	2m grid
N	SEA2 Box 4	DTI	15/25	2001	OSAE	22.68	2m grid
O	SEA2 Box 6	DTI	15/13 & 15/14	2001	OSAE	6.88	2m grid
P	SEA2 Box 7	DTI	15/16 & 15/17	2001	OSAE	23.88	2m grid
Q	SEA2 Box 8	DTI	15/21	2001	OSAE	4.92	2m grid
R	SEA2 Box 9	DTI	14/29, 14/30 & 20/4	2001	OSAE	11.74	2m grid