

第1表. 白嶺丸航海と取得された磁力・重力デジタルデータ
Table 1 Hurei-maru cruises and magnetic and gravity data collected in the cruises

Group	Cruise	Survey area	Survey period	Port of call and dates	Digital data in this report
1b	GH741	Japan Trench	04/17-04/21 (5)	—	No data
1b	GH742	Sagaminada sea	05/10-05/29 (20)	05/17-18 Tateyama 05/23-25 Motomachi	No data
1a	GH743	Izu-Ogasawara Islands	06/10-06/29 (20)	06/15-16 Futami 06/22-23 Kaminato	1 minute gravity data
1b	GH744	south of Kii channel	07/08-07/27 (20)	07/13-14 Kushimoto 07/20-21 Komatsujima	1 minute gravity data
2	GH745	Eastern part of Central Pacific Basin	08/14-10/17 (65)	08/26-31 Honolulu 09/16-20 Hilo 09/21-22 Honolulu	1-minute gravity 5-minute magnetic data
1a	GH746	Izu-Ogasawara Islands	10/27-11/01 (5)	—	1-minute gravity 5-minute magnetic data
2	GH747	East of Okinawa	11/12-12/16 (35)	11/22-25 Koniya 12/04-07 Naha	1-minute gravity 5-minute magnetic data
1a	GH751	Ryukyu islands	01/20-02/18 (30)	01/24-25 Kagoshima 02/03-05 Miyako 02/12-13 Naha	1-minute gravity 30-second magnetic data
1b	GH752	Sagaminada sea	04/17-04/26 (10)	—	1-minute gravity 5-minute magnetic data
1b	GH753	Sagaminada sea, south of Kii Channel	05/09-06/07 (30)	05/19-21 Toba 05/30-6/1 Komatsujima	1-minute gravity 5-minute magnetic data
1a	GH754	Southwest of Japan	06/16-07/07 (22)	06/25-28 Kochi	1-minute gravity 30-second magnetic data
1a	GH755	Ryukyu islands	07/16-08/22 (38)	07/27-30 Koniya 08/09-13 Naha 08/18-19 Kagoshima	1-minute gravity 30-second magnetic data
2	GH761	Mid-eastern part of Central Pacific Basin	01/10-03/09 (60)	02/05-09 Honolulu 02/10-13 Kauai	5-minute gravity 1-minute magnetic data
1a	GH762	Off of Tohoku Japan	04/17-06/04 (49)	05/02-05 Kamaishi 05/19-21 Hakodate	1-minute gravity 5-minute magnetic data
1b	GH763	Off Hachinohe, west Tsugara Basin	06/15-08/04 (51)	06/30-07/02 Hachinohe 07/21-22 Aomori	1-minute gravity 5-minute magnetic data
2	GH771	Mid-western part of Central Pacific Basin	01/12-03/12 (60)	01/21-24 Majuro 02/13-18 Apia	5-minute gravity 5-minute magnetic data
1a	GH772	Off Kyushu	04/19-05/28 (40)	04/30-05/04 Hakata 05/14-17 Sakaiminato	1-minute gravity 5-minute magnetic data
1a	GH773-1	Around Hokkaido	06/14-07/09 (26)	06/25-27 Otaru 07/09-12 Niigata	1-minute gravity 1-minute magnetic data
1b	GH773-2	West Tsugaru Basin	07/10-08/12 (34)	07/22-23 Hakodate 08/06-07 Niigata	1-minute gravity 1-minute magnetic data
2	GH781	Western part of Central Pacific Basin	01/07-03/07 (60)	01/15-18 Majuro 02/08-13 Suva	1-minute gravity 1-minute magnetic data

1a	GH782	Central part of Japan Sea	04/18–06/02 (46)	05/02–04 Niigata 05/17–20Hakodate	1–minute gravity 1–minute magnetic data
1b	GH783	Around Oki islands	06/13–07/04 (22)	06/23–25 Sakaiminato	1–minute gravity 1–minute magnetic data
1b	GH784	Off Monbetsu	07/12–08/12 (32)	07/22–24 Abashiri 08/07–08 Hakodate	1–minute gravity 1–minute magnetic data
2	GH791	Northern part of Central Pacific Basin	01/13–03/13 (60)	02/06–09Honolulu 02/10–14Kahului	5–minute gravity 5–minute magnetic data
1a	GH792	Southern part of Ogasawara Islands	04/16–05/15 (30)	05/01–03 Futami	1–minute gravity 1–minute magnetic data
1a	GH793	Norther part of Ogasawara Islands	05/28–07/06 (40)	06/08–10 Futami 06/23–25 Futami	1–minute gravity 1–minute magnetic data
1a	GH794	Izu Islands	07/13–08/11 (30)	07/23–25 Hachijo 08/05–06Oshima	1–minute gravity 1–minute magnetic data
2	GH801	Wake–Tahiti Transect	01/12–03/11 (60)	02/06–13Papeete	1–minute gravity 1–minute magnetic data
1b	GH802	Off Boso Peninsula	04/18–05/17 (30)	05/02–05 Chiba	1–minute gravity 1–minute magnetic data
1a	GH803	Kashimanada Sea, northern part of Izu Islands	05/22–06/25 (35)	05/30–31 Kashima 06/05–07Kashima	1–minute gravity, 1–minute magnetic (5 minute for 2nd half)
1b	GH804	Northwest of Hachijo Island	07/02–08/05 (35)	07/17–19 sokodo	1–minute gravity 1–minute magnetic data
2	GH805	Magellan Trough	08/11–10/09 (60)	09/05–08Honolulu 09/09–12 Hilo	1–minute gravity 1–minute magnetic data
1b	GH811	Off Kamaishi	04/15–05/14 (30)	04/28–05/01Kamaishi	1–minute gravity 1–minute magnetic data
1b	GH812	Off Sendai–Hitachi	05/22–06/30 (40)	06/02–04 Shiogama 06/16–17 Onahama	1–minute gravity 1–minute magnetic data
1b	GH813	Off Sendai–Hitachi	07/08–08/06 (30)	07/20–22 Shiogama	1–minute gravity 1–minute magnetic data
2	GH814	East of Gilbert Islands	08/14–10/12 (60)	09/10–16Pagopago	5–minute gravity 1–minute magnetic data
1b	GH821	Off Muroto Cape	04/15–05/19 (35)	05/01–04 Kochi	1–minute gravity 1–minute magnetic data
1b	GH822	Kumanonada Sea	05/27–06/25 (30)	06/09–12 Toba	1–minute gravity 1–minute magnetic data
1b	GH823	Off Shimokita Peninsula	07/02–08/05 (35)	07/16–19 Hakodate	1–minute gravity 1–minute magnetic data
2	GH824	Nova–Canton Trough	08/14–10/12 (60)	09/10–16 Apia	5–minute gravity 5–minute magnetic data
1b	GH831	Off Ashizurimisaki, south of Bungo Channel, Hyuganada Sea	04/15–05/24 (40)	05/02–05 Kochi	1–minute gravity 10–second magnetic data
1b	GH832	Off Ashizurimisaki, south of Bungo Channel, Hyuganada Sea	06/03–08/01 (60)	06/18–20 Aburatsu 07/07–09 Kochi	1–minute gravity 10–second magnetic data

2	GH833	Penrhin Basin	08/08–10/06 (60)	09/06–12Papeete	5-minute gravity 1-minute magnetic data
1b	GH841	South of Kyushu	04/16–05/15 (30)	05/02–04Kagoshima	1-minute gravity 1-minute magnetic data
3	GH842	Izu–Ogasawara Islands	05/21–06/29 (40)	06/11–13Hachijo	1-minute gravity 10-second magnetic data
1b	GH843	South of Kyushu	07/05–08/23 (50)	07/28–31 Kagoshima	1-minute gravity 1-minute magnetic data
3	GH844	Izu–Ogasawara Islands	08/30–10/08 (40)	09/21–22 Futami	1-minute gravity 10-second magnetic data
3	GH851	Izu–Ogasawara Islands	04/15–05/24 (40)	05/05–08 Futami	1-minute gravity 10-second magnetic data
1b	GH852	Hibikinada Sea, Off Mishima Island	05/31–07/19 (50)	06/19–22 Hakata 07/11–13 Hakata	1-minute gravity 10-second magnetic data
3	GH853	Izu–Ogasawara Islands	07/26–09/03 (40)	08/12–15 Futami	1-minute gravity 1-minute magnetic data
1b	GH854	Hibikinada Sea, Off Mishima Island	09/10–10/09 (30)	09/25–28 Hakata	1-minute gravity 10-second magnetic data
3	GH861	Central part of Japan Sea	04/15–05/29 (45)	04/28–30 Futami 05/13–15 Futami	1-minute gravity 1-minute magnetic data
1b	GH862	Off Hinomisaki, off Tottori	06/04–07/23 (50)	06/20–23 Sakaiminato 07/12–14 Sakaiminato	1-minute gravity 10-second magnetic data
3	GH863	Central part of Izu– Ogasawara Islands	07/29–09/01 (35)	08/17–18 Futami	1-minute gravity 10-second magnetic data
1b	GH864	Off Hinomisaki, off Tottori	09/08–10/07 (30)	09/21–24 Sakaiminato	1-minute gravity 10-second magnetic data
3	GH871	Izu–Ogasawara Islands	04/15–05/29 (45)	04/30–02 Futami 05/19–21 Futami	1-minute gravity 10-second magnetic data
1b	GH872	Off Kyogamisaki, Gentatsuse	06/05–07/24 (50)	06/23–26 Nishimaizuru 07/13–15 Nishimaizuru	1-minute gravity 10-second magnetic data
3	GH873	Izu–Ogasawara Islands	07/31–09/03 (35)	08/15–18 Futami	1-minute gravity 10-second magnetic data
1b	GH874	Off Kyogamisaki, Gentatsuse	09/10–10/09 (30)	09/25–28Nishimaizuru	1-minute gravity 10-second magnetic data
3	GH881	Izu–Ogasawara–Mariana	04/14–05/23 (40)	05/07–10 Futami 05/21–21 Futami	1-minute gravity 10-second magnetic data
1b	GH882	Around Noto Peninsula	05/30–07/18 (50)	06/20–23 Fushiki 07/07–09 Fushiki	1-minute gravity 10-second magnetic data
3	GH883	Izu–Ogasawara–Mariana	07/25–09/02 (40)	08/10–13 Futami 08/24–25 Yaene	1-minute gravity 10-second magnetic data
1b	GH884	Around Noto Peninsula	09/08–10/07 (30)	09/20–24 Fushiki	1-minute gravity 10-second magnetic data
3	GH891	Northern part of Mariana Islands	04/12–05/15 (34)	04/30–03 Futami	1-minute gravity 10-second magnetic data
1b	GH892	Eastern margin of Japan Sea	05/22–07/10 (50)	06/12–15 Niigata 06/29–01 Niigata	1-minute gravity 10-second magnetic data

3	GH893	Hydrothermal area in Okinawa trough	07/18-09/01 (46)	08/02-05 Naha 08/19-22 Naha 08/26-27 Koniya	1-minute gravity 10-second magnetic data
1b	GH894	Eastern margin of Japan Sea	09/07-10/06 (30)	09/21-23 Niigata	1-minute gravity 10-second magnetic data
1b	GH90	Off Niigata	04/13-05/22 (40)	05/01-04 Niigata	1-minute gravity 1-minute magnetic data
4	NH901	North Pacific	06/13-08/11 (60)	07/12-16 Apra	1-minute gravity 1-minute magnetic data
4	NH911	Hawaii-Mariana	04/27-06/10 (45)	05/20-22 Apra	1-minute gravity 1-minute magnetic data
1b	GH91	Off Sakata	06/20-07/29 (40)	07/05-08 Sakata 07/22-24 Sakata	1-minute gravity 1-minute magnetic data
4	NH921	West Pacific	04/23-06/13 (52)	05/13-16 Suva	1-minute gravity 1-minute magnetic data
1b	GH92	Off Akita	06/22-07/31 (40)	07/10-13 Sakata	1-minute gravity 1-minute magnetic data
4	NH931	Western Pacific	04/13-06/11 (60)	05/07-12 Honolulu	1-minute gravity 1-minute magnetic data
1b	GH93	Japan Basin, Okushiri Island	06/21-07/30 (40)	07/09-12 Niigata	1-minute gravity 1-minute magnetic data
1b	GH94	Around Okushiri Island	06/20-07/29 (40)	07/08-11 Hakodate	1-minute gravity 10-second magnetic data
4	NH942	Northwestern Pacific	08/08-10/06 (60)	09/08-13 Majuro	1-minute gravity 1-minute magnetic data
4	NH951	Western Pacific	04/14-06/12 (60)	05/05-10 Brisbane	1-minute gravity 10-second magnetic data
1b	GH95	Off Shakotan Peninsula	06/19-07/28 (40)	07/07-10 Otaru	1-minute gravity 10-second magnetic data
4	NH961	Western Pacific	04/12-06/12 (62)	05/10-13 Wellington 05/23-25 Townsville 05/29-30 Cairns	1-minute gravity 10-second magnetic data
1b	GH96	Ishikari Bay	06/21-07/30 (40)	07/08-11 Otaru	1-minute gravity 10-second magnetic data
1b	GH97	Suruganada and Enshunada Seas	04/11-05/20 (40)	04/29-05/02 Shimizu	1-minute gravity 10-second magnetic data
1b	GH98	Off Rumoi	06/25-08/03 (40)	07/13-16 Otaru	1-minute gravity 10-second magnetic data
1b	GH99	West of Wakkanai	06/25-08/03 (40)	07/13-16 Otaru	1-minute gravity 10-second magnetic data

Groups: 1a Survey for 1:1,000,000 marine geological map; 1b 1:200,000 marine geological map; 2 Manganese nodule survey; 3 Survey in Izu-Ogasawara area; 4 Marine carbon cycle research conducted by Kansai Environmental Engineering Center. Test of equipments and training of people from developing countries were carried out in GH741, GH743 and GH746 cruises.