

Global distribution and depth of the Bigfin squid *Magnapinna* spp.

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Supplemental Table 1. Links to the video (where available) of known in situ observations of *Magnapinna* spp.

Year	Ship	Depth (m)	Source Video
1988	RV <i>Nadir</i>	4735	https://www.youtube.com/watch?v=gL7sFJ9RMNA
1992	RV <i>Nadir</i>	3010	N/A
1992	RV <i>Nadir</i>	2950	N/A
1998	RV <i>Yokosuka</i>	2340	https://www.godac.jamstec.go.jp/jedi/static_player/e/6K0460C2SV50_00322100
2000	ODS <i>Millenium Explorer</i>	2195	https://www.youtube.com/watch?v=H_c1n_cRJNs
2000	RV <i>Atalante</i>	2576	N/A
2000	RV <i>Atlantis</i>	1940	https://youtube.com/watch?v=vTDLgpQIZhg
2001	RV <i>Western Flyer</i>	3380	https://youtube.com/watch?v=tE9BooBvpwc
2001	RV <i>Kairei</i>	2586	https://www.godac.jamstec.go.jp/jedi/static_player/e/KAIKO0208BCSV10_00161400
2001	RV <i>Kairei</i>	3890	https://www.godac.jamstec.go.jp/jedi/static_player/e/KAIKO0215BCSV10_00593400
2003	ODS <i>Discover Deep Seas</i>	2750	https://youtube.com/watch?v=Nsv8fX9gTrI
2003	ODS <i>Discover Deep Seas</i>	3050	https://archive.serpentproject.com/246/index.html
2007	Shell <i>Perdido</i>	2500	https://youtube.com/watch?v=46xRns74t44
2009	DMT <i>Emerald</i>	2453	https://youtube.com/watch?v=xRLtZ5QL_c8
2009	n.s.	2593	https://youtube.com/watch?v=5bl15wMr-4M
2011	RV <i>Pourquoi Pas?</i>	3151	https://youtu.be/UoO6gK5DAyo?si=99POCrAdG6GEsskm
2011	RV <i>Pourquoi Pas?</i>	3082	https://youtu.be/0cHYaAmELtA?si=jySZjQ4-yi6FNVB9
2011	RV <i>Pourquoi Pas?</i>	3152	https://www.youtube.com/watch?v=0cHYaAmELtA&t=190s
2011	RV <i>Pourquoi Pas?</i>	4941	https://www.youtube.com/watch?v=0cHYaAmELtA&t=327s
2012	RV <i>Pourquoi Pas?</i>	4944	https://www.youtube.com/watch?v=0cHYaAmELtA&t=351s
2012	RV <i>Okeanos Explorer</i>	1961	N/A
2013	n.s.	1578	https://youtube.com/watch?v=bsQhwIDcIlo

2013	n.s.	1784	https://youtube.com/watch?v=8yOD8hztWSM
2013	n.s.	2388	N/A
2014	n.s.	2278	N/A
2014	RV <i>Thomas G. Thompson</i>	4708	N/A
2014	RV <i>Nautilus</i>	1687	https://www.youtube.com/watch?v=W6KhAEEY9a4&t=70s
2014	n.s.	2317	N/A
2015	RV <i>Investigator</i>	2178	https://doi.org/10.1371/journal.pone.0241066.s001
2015	RV <i>Investigator</i>	2110	https://doi.org/10.1371/journal.pone.0241066.s002
2016	RV <i>Pourquoi Pas?</i>	3664	https://www.youtube.com/watch?v=GxwdZl63ZTo
2017	n.s.	1884	https://youtube.com/watch?v=spJkxpC69k
2017	REM <i>Etive</i>	3060	https://doi.org/10.1371/journal.pone.0241066.s003
2017	REM <i>Etive</i>	3002	https://doi.org/10.1371/journal.pone.0241066.s004
2017	REM <i>Etive</i>	3056	https://doi.org/10.1371/journal.pone.0241066.s005
2017	n.s.	2294	N/A
2019	RV <i>Falkor</i>	2092	https://www.youtube.com/watch?v=opZ5bhyxvWY&t=25083s
2020	RV <i>Falkor</i>	3000	https://www.youtube.com/live/8rw6fLnMW4o?si=9NX-VDH-CcSMjEdz&t=7236
2021	DSSV <i>Pressure Drop</i>	6212	N/A
2021	RV <i>Pelagia</i>	3000	https://youtube.com/watch?v=KLabPXJ15no
2021	RV <i>Okeanos Explorer</i>	2400	N/A
2023	RV <i>Falkor (too)</i>	1931	https://www.youtube.com/live/nsSUMHQPpaHY?si=ApMWyQkEbrEIXPXO&t=34424
2024	RV <i>Dagon</i>	3252	https://www.youtube.com/watch?v=OpSYNyRMBuo
2025	RV <i>Dagon</i>	3301	N/A
2025	RV <i>Nautilus</i>	5180	https://www.youtube.com/watch?v=7UvSF6t3zQg
2025	RV <i>Nautilus</i>	5125	N/A
