a. All Ships Participating in ASAP in 2013

| Type of ship <br> (1) | Ship name | Callsign | Comms method (2) | Windfind method / sonde type <br> (3) | Launch method (4) | Launch height (5) | Area of operation <br> (6) | ASAP <br> ID No. | Active Y/N? |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reserch | Ryofumaru | JGQH | Others (DCP via MTSAT) | GPS/Vaisala RS92-SGP | Container(Semiautomatic) | 8m | North Pacific | N/A | Y |
| Reserch | Mirai | JNSR | Inmarsat C | GPS/Vaisala RS92-SGP | Container(Semiautomatic) | 18m | Variable | N/A | Y |
| Reserch | Hakuhomaru | JDSS | Inmarsat C | GPS/Meisei RS-06G | Manual | 5 m | North Pacific | N/A | Y |
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(1) Type of ship: Merchant, research, supply
(2) Comms method: Inmarsat C or others
(3) Windfind method I sonde type: eg. GPS/Vaisala RS80-G, Loran/Vaisala RS80-L, VIZ GPS Mark II Microsonde, etc
(4) Launch method: deck launcher (portable), deck launcher (fixed), container (manual), container (semi automatic), other
(5) Launch height: height above sea level from where the sonde is released
(6) Ocean area: North Pacific, North Atlantic, Indian Ocean, variable

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| b. ASAP Performance |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Callsign | Total number of sondes launched | Number of TEMP SHIP transmitted | Number of relaunches | Average terminal sounding height (km) | Balloon size (gm) | Percentage on GTS (see note) |
| JGQH | 202 | 199 | 4 | 25.4 | 200/350 | 99.5 |
| JNSR | 504 | 491 | 13 | 22.2 | 200/350 | 99.8 |
| JDSS | 46 | 44 | 2 | 21.8 | 200 | 90.9 |
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| rcentage | TS is the ratio of | eceived against re | smitted, and | d upon reports receiv | ata centre or GTS | (name) |

## c. Major Challenges and Difficulties

## d. Other Comments

