|       |  |                      |          | Updated:   | 13/12/2018 |  |  |  |
|-------|--|----------------------|----------|--|------------|--|--|--|
| IHO V | IHO WP Element: Capacity Building Assessment - Technical and High-Level Visits |                      |          |  |            |  |  |  |
| No.   | Events   | Responsible          | Budget   | Status   | Resources  |  |  |  |
| A-01  | Training Center Visits   | EAtHC                | 20 000 € | Led by SHOM with UKHO<br>During 2018 ONGOING                     | IHO        |  |  |  |
| A-02  | Technical Visit to Guatemala   | MACHC                | 8 000 €  | Led by USA/NGA<br>21-23 November 2018                            | IHO        |  |  |  |
| A-03  | Technical visit Georgia  | MBSHC                | 2 500 €  | Led by Italy and Ukraine<br>16-18 October 2018 <mark>DONE</mark> | IHO        |  |  |  |
| A-04  | Samoa Technical Implementation Visit   | SWPHC                | -        | Postpone to 2019   | -          |  |  |  |
| A-05  | Niue Technical Implementation Visit  | SWPHC                | -        | Postpone to 2019   | -          |  |  |  |
| A-06  | Technical Visit for Timor Leste  | EAHC                 | -        | Canceled   | -          |  |  |  |
| A-07  | High-Level Visit to Albania  | MBSHC                | 1 500 €  | Led by IHO Secretariat<br>Dates TBD                              | IHO        |  |  |  |
| A-08  | High-Level Visit to Angola   | SAIHC                | 4 800 €  | Led by IHO Secretariat with Brazil<br>25-28 September 2018 DONE  | IHO        |  |  |  |
| A-09  | Needs Assessment Visit to Sudan  | IMO, IHO<br>and IALA | -        | Jointly executed by IMO, IHO and IALA<br>21-26 April 2018 DONE   | -          |  |  |  |
|       |  | -                    | 36 800 € |  |            |  |  |  |

| <mark>IHO V</mark> | IHO WP Element: Capacity Building Provision - Technical Workshops, Seminars, Courses |             |           |   |           |  |  |
|--------------------|--|-------------|-----------|---|-----------|--|--|
| No.                | Events   | Responsible | Budget    | Status  | Resources |  |  |
| P-01               | IHO-ROK Category "A" Programme   | Secretariat | 85 000 €  | Led by USM, Hattiesburg, USA<br>1 August 2018-1 August 2019 DONE    | ROK       |  |  |
| P-02               | ROK Category B Survey Programme (phase 1/2)  | Secretariat | 242 000 € | Led by KHOA, Busan, ROK<br>12 July-30 November 2018 DONE            | ROK       |  |  |
|                    | IHO-Nippon Foundation CHART Project  | Secretariat | 194 514 € | Led by UKHO, Tauton, UK<br>3 September-14 December 2018 ONGOING     | Nippon    |  |  |
| P-04               | Regional awareness seminar on maritime geospatial knowledge                          | EAtHC       |           | Led by SHOM, Lagos, Nigeria<br>15-16 October 2018 <mark>DONE</mark> | ROK       |  |  |

| No.  | Events   | Responsible | Budget   | Status  | Resources |
|------|--|-------------|----------|---|-----------|
| P-05 | Technical Workshop on Implementing Hydrographic Governance | SWPHC       | 36 000 € | 19-23 February 2018 DONE  | IHO       |
| P-06 | Seminar on Raising Awareness of Hydrography                | SAIHC       | 22 500 € | Led by UKHO, Victoria, Seychelles<br>27 August 2018 DONE                  | IHO       |
| P-07 | Phase 1 Skills Course                                      | NIOHC       | 21 961 € | Led by UKHO, Goa, India<br>28 January-1 February 2019                     | IHO       |
| P-08 | Training Center Visits                                     | EAtHC       | -        | CANCELED (See A-01)   | -         |
| P-09 | Seminar on Raising Awareness of Hydrography                | MACHC       | 28 500 € | Led by UKHO, Cartagena, Colombia<br>26-27 November 2018 <mark>DONE</mark> | IHO       |
| P-10 | MSI Training Course  | SWAtHC      | 22 200 € | Led by DHN, Niteroi, Brazil<br>16-18 October 2018 <mark>DONE</mark>       | IHO       |
| P-11 | MSI Training Course  | SWPHC       | 34 500 € | Led by LINZ, Wellington, NZ<br>6-9 August 2018 DONE                       | IHO       |
| P-12 | HydroMOWCA study follow-up                                 | EAtHC       | 3 000 €  | Led by SHOM<br>Dates  | ROK       |
| P-13 | MSI E-learning guided session                              | EAtHC       | -        | Postpone to 2019  | -         |
| P-14 | Workshop on MSI  | MBSHC       | 8 990 €  | Led by ONHO, Istanbul, Turkey<br>11-13 September 2018 DONE                | IHO       |
| P-15 | Survey specification e-learning guided session             | EAtHC       | -        | Postpone to 2019  | -         |
| P-16 | MBES Processing and Data Basing Training for<br>Mozambique | SAIHC       | 9 604 €  | 11-26 November 2018 DONE  | IHO       |
| P-17 | Port and Shallow Water Survey Course                       | SWAtHC      | 16 500 € | Led by SHN, Buenos Aires, Argentina<br>24-28 September 2018 DONE          | IHO       |
| P-18 | Carto Production DB System Development Workshop            | EAHC        | 23 050 € | Led by MSA, China<br>22-26 October 2018 <mark>DONE</mark>                 | IHO       |
| P-19 | Survey Technician training for Mauritius                   | NIOHC       | 5 800 €  | Led by UKHO, Goa, India<br>22 October 2018 - 20 February 2019             | IHO       |
| P-20 | MSI Training Course  | EAHC        | 26 180 € | Led by<br>Dates   | IHO       |

| IHO WP Element: Capacity Building Provision - Technical Workshops, Seminars, Courses |  |             |             |  |                         |
|--|--|-------------|-------------|--|-------------------------|
| No.  | Events   | Responsible | Budget      | Status   | Resources               |
| P-21   | Workshop on LIDAR technology and methodology for shallow waters and coastline hydrographic surveys | SEPRHC      | 29 385 €    | Led by INOCAR, Guayaquil, Ecuador<br>22-26 October 2018 DONE | ROK                     |
| P-22   | Review of Basic Carto Workshop   | EAHC        | 23 050 €    | Led by<br>Dates  | IHO                     |
| P-23   | MBES Processing  | MACHC       | 21 367 €    | Led by CIOH, Cartagena, Colombia<br>10-14 December 2018      | IHO                     |
| P-24   | Senior Survey Technician training for Mauritius  | NIOHC       | 7 550 €     | Led by UKHO, Goa, India<br>18 February - 6 July 2019         | IHO                     |
| P-25   | Development of a Regional MSDI Workshop  | RSAHC       | 26 293 €    |  | Not funded<br>yet       |
| P-26   | Development of a Regional MSDI Workshop  | SAIHC       | 31 072 €    |  | Not funded<br>yet       |
| P-27   | Workshop on MSDI implementation and development  | SEPRHC      | 22 000 €    |  | Not funded<br>yet       |
| P-28   | MSDI and Data Management Workshop  | SWAtHC      | 13 250 €    |  | Not funded<br>yet       |
| P-29   | Tides & Water Levels Workshop for Spanish Speakers   | MACHC       | 24 154 €    |  | Not funded<br>yet       |
| P-30   | Port and Shallow Water Survey Course   | MBSHC       | 8 000 €     | Led by IIM, Genoa, Italy<br>17-21 September 2018 DONE        | IHO                     |
| P-31   | GEBCO Training Project   | UNH         | -           | Led by UNH, Durham, USA<br>August 2018-August 2019 DONE      | In-kind from<br>Nippon* |
| P-32   | MBES training for Fiji (former 2017 CBWP P-10)   | SWPHC       | 11 000 €    | Led by LIKHO Suva Fiji                                       | IHO                     |
| P-33   | Use of GNSS for tide correction for survey (former 2017<br>CBWP P-18)                              | EAHC        | 16 760 €    | Led by Indonesia<br>9-13 July 2018 DONE                      | IHO                     |
|  | Subtotal of P (Provision)  | -           | 1 034 180 € |  |                         |

Resources:

IHO = IHO regular budget

ROK = IHO/ROK Programme of Technical Cooperation

| Total | 1 070 980 € |              |
|-------|-------------|--------------|
| IHO   | 380 312 €   | Subtotal IHO |

| IHO WP Element: Capacity Building Provision - Technical Workshops, Seminars, Courses |   |             |           |                 |           |  |
|--|---|-------------|-----------|-----------------|-----------|--|
| No.  | Events                                  | Responsible | Budget    | Status          | Resources |  |
| Nippor   | n = IHO-Nippon Foundation CHART Project | ROK         | 379 385 € | Subtotal ROK    |           |  |
| Nippon* = Nippon Foundation GEGCO Project  |   | Nippon      | 194 514 € | Subtotal Nippon |           |  |
| IMO =  | IMO Funding IHO in kind                 | Not funded  | 116 769 € | Not funded yet  |           |  |