Requests to update the TUF-ART system

| TUF-ART Component | Request | Priority |
|---|---|---|
| General | Allowing remote access into TUF-ART from other islands (i.e. consider web interface to enter/report data) | HIGH |
| | Allow multiple versions of the front-end for TUF-ART for each island | |
| | The latest version of TUF-ART to be installed as soon as possible | |
| | Create a unique ID for vessels and skippers to prevent duplication;  System to identify vessel number. | MEDIUM |
| | Consider a new licensing module for TUF-ART which links to the Vessel Registration | HIGH |
| | Provide countries with documentation for the TUF-ART database structures and how to access the database tables in SQLSERVER | HIGH |
| | Consider extending TUF-ART to cover coastal fisheries (long term) | LOW |
| | Consider how to incorporate Fish sales information where possible so value of fish can be reported; consequence of changes in the data collection forms | |
| | Consider adding the local names of fish species into the SPECIES database | |
| Data Entry | Add the following fields<br>– Weather (sunny, cloudy, raining, etc.)<br>– Bait (not paid in other countries)<br>– Ice (Y/N)<br>– Type of fuel | |
| | Add a new event – "Searching for and catching bait" | |
| | Allow countries to add new species or make it easy for new species to be added to TUF-ART | HIGH |
| | Add the FAD costing data entry form | |
| | Historical Vessel Registration to be included in TUF-ART (distinct from licensing) | MEDIUM |
| | Make the entry of sampling forms  more clearer | |
| Reporting | Include the following information in specific reports<br>– Weather<br>– Fuel types + Fuel consumption by year and type of fishery (related to economic review of fishery)<br>– List of vessels not providing data (by year and month)<br>– | |
| | More querying features in general …<br>– Consider "dashboards"<br>– Consider query tool like the CES system | |

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| | Build in user/administration to restrict access to certain queries/reports | |
| | Specific reports for **FISHERS** (Produce Tables and Graph showing % of catch)<br>– Summary catch of **individual fisher** (monthly, quarterly, annually –upon request)<br>– Summary of total catch for **ALL fishers** (species, fishing areas (islands/villages/provinces), fishing methods used,)<br>– Summary of catch and effort for **individual islands**<br>– Summary of catch and effort for **individual FADs and Areas**<br>– Analysis of historical catch data compared to current catch data (species, by year, by number of vessels)<br><br>These reports should include the following key information.<br>– Average prices of species per year<br>– Composition of most productive fishing method<br>– Value and volume of catches by species, fishing gear and fishing method<br>– Catch per unit effort<br>– Number of active fishing vessels<br>– Maps with location of FADs<br>– Catches over time (trends/comparisons over time) | |
| | List of registered vessels broken down by one or many variables including<br>– By Island<br>– By safety gear (or not)<br>– By  gear<br>– By vessel identification number<br>– etc. | |
| | Report(s) summarising the **LENGTH DATA**<br>– by species<br>– by fishing area<br>– by island<br>– by landing site<br>– by vessel | |
| REPORTING | Clearly highlight in the reports whether catch/effort is UNRAISED or RAISED | |

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| (continued) | | |
| | General new ideas for REPORTS<br>- Consider reports on a detail output, that is, a monthly basis (monthly can be summed later to annual)<br>- Include **VALUES** of catches (mostly volume in TUFART) - (consider percentage usage in the form)<br>    o  i.e. covering the cost information currently entered into TUF-ART<br>- **Licensing reports** (outputs active vessels/unlicensed/no vessels, etc.) | |
| | Reports by Vessel or Owner or Skipper | |
| | In **REPORTS**<br>- Include other species as individuals as well as WAH, DOL, GBA, etc.<br>Include Individual Fishing Area and FAD Area | |