# Changes between the article "Measuring system and power management of the Guanay AUV II" and the "Power system of the AUV II Guanay"

1. It has added a new paragraph in chapter 1. This paragraph refers to the use of the AUV’s. Has also added a new picture of the vehicle.
2. Has been introduced a new chapter "II - Power system of Guanay II AUV". This explains the different parts of the power system of the vehicle.
3. In chapter III have introduced three subsections:
	1. “3.1. Methods for SoC estimation”
	2. “3.2. Gas gauge IC for power-assist application” In this subsection has been added a figure to aid understanding
	3. “3.3. Prototype”
4. In chapter IV have introduced three subsections:
	1. “4.1. Charging system”. Has been extended.
	2. “4.2. Battery connection”
5. In Chapter V have been introduced photographs of the various tests. Have also been discussed a bit more these tests. Has been modified Figure 6 (now it's Figure 14), this graph is separated into different axes to improve their understanding. Finally, the results have been completed with the graph 15 and 16.