

ABSTRACT

The invention is a method with its associated suite of software, operable on separate computers at various separate locations that are specifically designed for use by any unmanned or autonomous surface vessels (hereinafter referred to as “USV”) or any similar autonomous bodies that has radar installed on-board, under the command and control of a base operator. The invention involves the method of sending a plurality of radar images and contact track information as generated by the radar computer, after merging with the other contact track information from the other sensors, to its vessel’s on-board navigation computer and base-operated computer and/or multi-base computers at a remote site, for appropriate display, navigation, surveillance, obstacle avoidance and record, collectively referred to as the Radar Tracking Method (hereinafter referred to as “RTM”). The invention involves both method and software implementations.

Figure 1