

MM/UPX-718, MM/UPX-719

“IN.TRA., Beacon System

GENERAL

The **INTRA** system has been originated by an accurate SMA survey of technical-operational requirements of modern naval military crafts using assisting shipborne helicopters in more and more differentiated roles.

The results of this survey, carried out with the cooperation of a certain number of Navies, led to a product which flexibility allows its employment in all modern operational strategic scenarios.

Task of the **INTRA** system is: linking, recognizing and precise positioning, in an all weather situation, one or more helicopters by one or more friendly ships. This system capability suits a widespread requirement of many Navies, i.e.: to

safely control friendly helicopters, mainly when they are very lowflying, hovering and when manoeuvring under dense sea or rain clutter.

The **INTRA** system is set up by the following equipments:

- A shipborne **IN**terrogator type MM/UPX-718, coded in the interrogation and decoded in reception.
- An heliborne **TR**ansponder type MM/UPX-719, decoded in the interrogation and coded in the reply.

The heliborne transponder can be supported by an automatic test bench “ATE UPX-719,, for II level workshop maintenance.

