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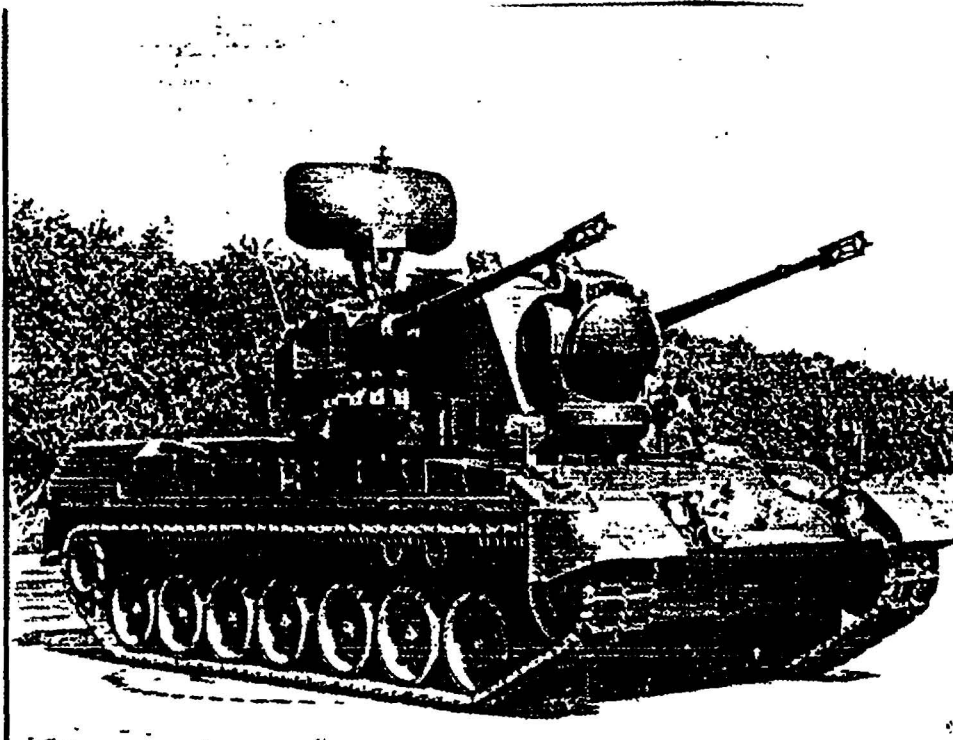
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A BRIEF INTRODUCTION TO THE BANDIT-MADE SILKWORM MISSILE

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Foreign Source Report: Ever since Iran obtained her silkworm surface-launched anti-ship missiles from the Chinese Communists, the oil transport channel in the Persian Gulf has been greatly threatened. After the Iraqi F-1 fighters attacked the American petrol cruise with "flying fish" missiles, this once again attracts world-wide attention.



In fact, what foreign source reports what the United States calls the "silkworm" missile is actually what the Chinese Communists call the Haiying-2 missile. In order to differentiate various Soviet weapons, the United States as well as NATO nations have, since long ago, assigned an alphabet for each type of weapon. For example, the letter "S" is used for surface-launched missile systems. As a result, the type and characteristics of the enemy's missile will be readily recognized for timely defense and counter-attack.

According to the Chinese communists, the serial number and name of the surface-launched anti-ship missiles that they sold to Iran is the CSS-N-2 Haiying-2 missile. The United States followed NATO's method in categorizing communist weapons by classifying them in the 's' prefix weaponry system, calling them 'silkworm' missiles. These missiles are in the same weaponry family as the Soviet Styx and Sawfly anti-ship missiles.

The appearance of the Haiying-2 missile resembles an aircraft without a cabin and without a pilot. The moving speed is that of a high degree acoustic velocity. The warhead is a binding energy armor-penetrating shell that can penetrate the armor of any battleship.

The Haiying-2 surface-launched anti-ship missile can be launched on the beach and can destroy large- and medium-scale ships, and is an excellent surface-launched defense weaponry for seaports and transport channels. It can also be launched on tractors. To activate, the missile is first launched to 145 meters by a solid fuel rocket booster. It is then powered by a liquid fuel injection propeller, and the booster separates, descending to 30 meters. At a distance of about 10 KM, the small radar equipped in the warhead is activated, emitting electric waves, and the warhead will head for the direction with the strongest wave bounced back until the target is destroyed.

There are two other similar missiles. One is the Haiying-2A, which has a passive infrared homing device and has a capability of electronic counter-countermeasures. The other is the Haiying-2G, which is equipped with an active radar homing device as well as a precision radio altimeter which can decrease its altitude above sea level; it also has a high penetrating capability.

However, despite the characteristics of the Haiying-2 surface-launched anti-ship missile, it is not difficult to apply countermeasures. Effective electronic countermeasures, such as electronic jamming and high heat decoy missiles, can blind the guidance system of the Haiying-2 missile.

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A brief Introduction of the Silkworm Missile:

Overall length:	6.25 meters
Wing span:	2.75 meters
Weight of warhead:	1,000 lbs.
Maximum range:	95 KM
Effective range:	80 KM
Diameter of missile body:	0.75 meter

A detailed close-up of a Chinese HY-2 (Silkworm) anti-ship missile mounted on its manoeuvrable ground equipment launcher rail

