

SECRET

SIGINT CHALLENGE

A SCENARIO

(U)



EO 3.3b(3)
PL 86-36/50 USC 3605

by



W3

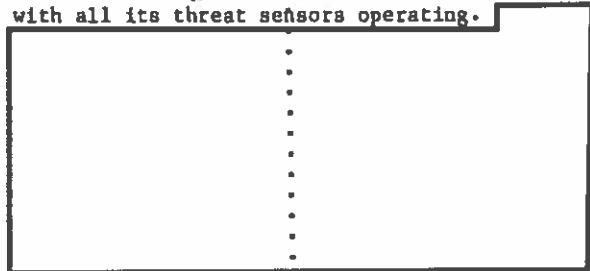


The aircraft carrier John F. Kennedy increased speed as it came about onto the bearing which would take it into the portion of the Mediterranean closest to Libya. The carrier and the other ships in its task force were asserting the right of the United States to sail on the open seas 150 miles off the coast in a "freedom of the seas" cruise. General Kada, Libya's leader, had warned the US to keep out of the Gulf of Sidra, which extended out to 200 miles from shore. All ships were on alert. This was an especially dangerous time, since General Kada had been brazenly boasting that he had built up his armed forces with the most modern weapons systems available on the market so that he could squash the next US encroachment into "Libyan" waters.

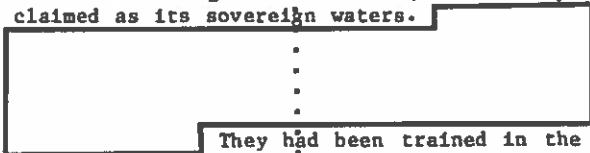
~~(S-CCO)~~ Intelligence information had revealed that massive amounts of sophisticated weapons and communications systems had been bought with Libya's oil money over the past year. Soviet "advisors" were known to be operating much of the equipment that had been sold or given to General Kada's large armed forces. Journalists had reported that Kada's forces were on alert and were going to provoke a major incident. Photography also showed military units out of garrison and in operational positions.

~~(S-CCO)~~ The US SIGINT system was on alert and many positions at sites in Europe had been placed in direct support roles to the US

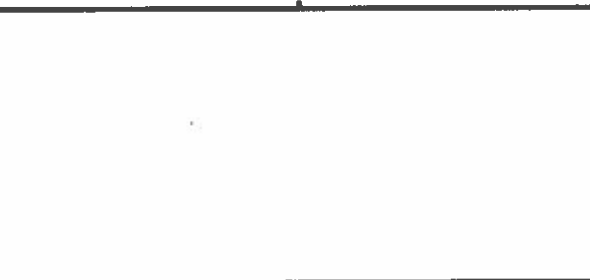
Mediterranean/Southern European command. The John F. Kennedy and its task force sailed on with all its threat sensors operating.



~~(S-CCO)~~ In Libya the armed forces were prepared for a major battle with the US force which was moving into the Gulf, which Libya claimed as its sovereign waters.



They had been trained in the effective use of these systems as part of the deal in purchasing them.

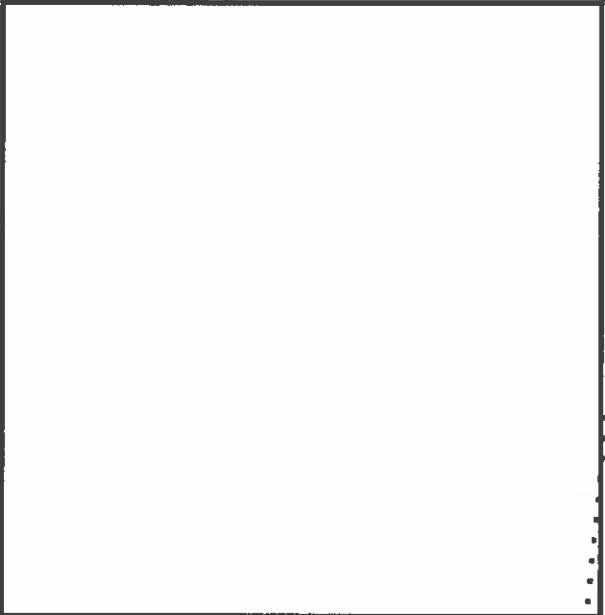


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warning sensors on the US carrier-based fighters had not detected anything. The task force sailed further into the Gulf and closer to land--and into the waiting jaws of the Libyan trap.

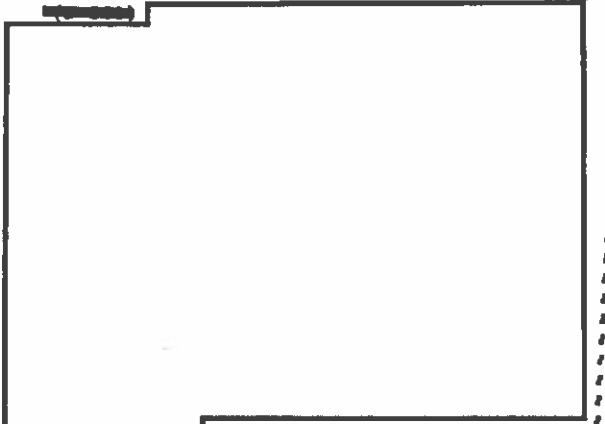


Reflection

~~(S-SECRET)~~ The signals environment is in a period of rapid change. New communications and radar signaling technologies and techniques, such as the ones described in this story, are available today. These systems are being developed, produced, and sold by a number of technologically advanced countries.



Thus, this story is not inconceivable, even today!

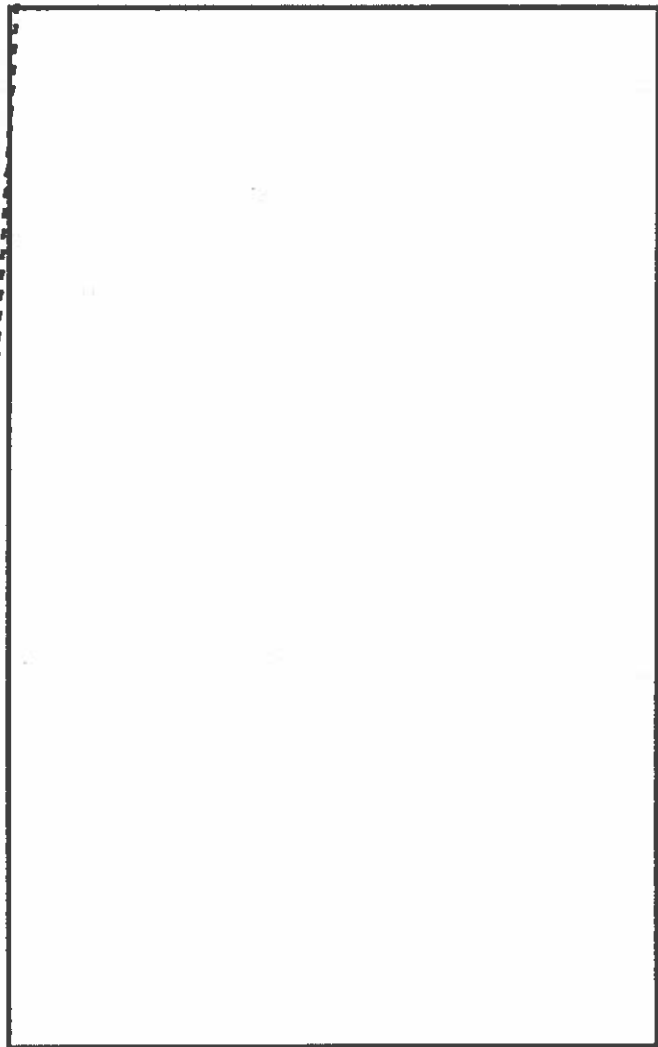


Libyan patrol boats and aircraft shadowed the US task force,

Astonished at the apparent lack of concern of the US force to Libyan patrols, Kada prepared for a surprise strike on the US aggressor.

~~(S-SECRET)~~ Meanwhile, on board the John F. Kennedy, reports from the task force ships had been analyzed and had revealed no apparent Libyan activity.

Other advanced SIGINT systems directly supporting the task force had detected no indications of Libyan activity. Electronic Warfare (EW) threat-



Non - Responsive