



New electronic bird watcher scans North Sea air traffic.

Who would expect air traffic to be much of a problem anywhere near this lonely headland in the Shetland Islands, far to the north of Scotland?

The reason is simple. Oil.

The Shetlands, once better known for sweaters and sheep dogs, are just a hop by helicopter from North Sea oil fields. It's not surprising, then, to find a sophisticated radar system in use keeping busy whirlybird air traffic safely under control.

Inside the cocoon-like shelter shown on the facing page is the antenna of such a system, designed and built by Cossor Electronics Limited for the U. K. Civil Aviation Authority. At the airport nearby, controllers use Cossor displays to monitor approaching and departing air traffic.

This is just one of hundreds of similar radar systems that Cossor, a Raytheon company, has

supplied for use at airports around the world—and just one part of Raytheon's widespread involvement in air traffic control.



Raytheon has recently completed a fully integrated air traffic control system for the Federal Republic of Germany. In the United States, we have long been a supplier of radars, automated displays, and computer systems for the enroute air traffic control network.

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