

Comparison: DSAS and Ocean Alert

Item	Product	DSAS (Purplefinder, Pole Star U.K.)	Ocean Alert (Satamatics U.K.)
About Company		Pioneer of Fleet Monitoring using Inmarsat-C and D+. For Ship Security Alert System (SSAS) , D+ is utilized by various advantages than Inmarsat-C. Poles Star is familiar with rules and future requirement. Thanks to leader of the system, Purplefinder is sufficient and easy to use.	The company has been formed to dedicate to develop Inmarsat D+ applications from parent company, excellent technology and support. The company is D+ network operator and hardware manufacturer.
SSAS		Ship's position is displayed over map. Weather information is also comes as a standard. Easy to display past history and print out like excel style. Easy to look up fleet at a glance. Symbol color change when alert is activated. The alert is automatically delivered to alert recipient at the same time as many as customer wants.	Ship's position is displayed on text. This service gives sufficient functionality and easy to use. Thanks to simple text format, it makes monthly service charge very reasonable. When alert is activated, it is showed up on the top screen and delivered to alert recipient at the same time as many as customer wants.
		All you need is internet connected computer and web browser, no special program or set up is required to use both services.	
Hardware		All in one in a water proof plastic box. This box contains, Skywave D+ terminal, rechargeable battery, interface PCB and cable screw terminal. 420 (L) x 235(W) x 185(H) mm, Weight 18Kg	Two-Unit, Antenna (112 x 37 mm) and Control Unit (200 x 200 x 80 mm). Both units are water proof, the control unit can be installed outdoor or indoor. Control Unit contains Satamatics D+ terminal and rechargeable Ni-Mh battery.
Power Requirement		DC 12 – 30V 10VA	DC 9.6 – 30V 12VA
Cable		Power cable Activation Point (Alert Switch) Total 2 cables	Between antenna and control unit, one coaxial cable (Available, optional 5, 10 and 20 meter RF connector furnished cable) Power cable and two Activation Points (Alert Switch) Total 3 cables from control unit to inside ship.