



MENAS MARITIME OPERATIONS CENTRE

LEVEL OF SERVICE



Type of Service	
Short-Range Visual and Radio Aids to Navigation (AtoN)	
Extent of Service	Quality of Service
Coastal Waters of the Arabian Gulf and its Approaches	All visual and short-range AtoN shall be available to the mariner for at least 95% of the time over 3 years.
Note: MENAS categorises all its AtoN in accordance with IALA principles. The target for all vital (Category 1) AtoN is an availability to the mariner of 99.8% with a maximum annual outage of 17.5 hours.	

Type of Service	
Differential GPS Service	
Extent of Service	Quality of Service
Entire Arabian Gulf including Coastal waters and its Approaches.	All MENAS DGPS station shall be available to the mariner for at least 95% of the time over 2 years.
Note: MENAS categorises all its AtoN in accordance with IALA principles. The target for all vital (Category 1) AtoN is an availability to the mariner of 99.8% with a maximum annual outage of 17.5 hours.	

Type of Service	
Navigational Warning Service	
Extent of Service	Quality of Service
NAVAREA IX the Arabian Gulf and its Approaches)	All Navigation Warning information and the sources are well verified with MENAS expert team and as guided in Joint IMO/IHO/WMO Maritime Safety Manual.