

Design Approach Review (DAR) Checklist

Date:				
Application:				
Participants:				
Agenda Item	STATUS			
Identify CCR and briefly review user and system requirements				
Describe the operational concept				
Describe top-level architecture impacted				
Describe changes/support required from external systems				
Describe dependencies on external system changes				
Discuss how other agencies could benefit from capability				
Describe WSR-88D architecture impacted				
Describe required infrastructure changes				
Describe architecture of the application				
Identify downstream users of application output				
Discuss anticipated/potential hardware changes				
Describe design approach				
Describe data flow diagram				
Describe development approach				
Describe prototyping plans				
Discuss applicability for generalized functions				
Describe planned coding language and adherence to guidelines				
Identify planned COTS packages				
Identify which baseline will be used to build changes upon				
Describe test approach				
Identify simulators and other specialized tools needed to conduct testing				
List required test cases (radar data, external data)				
Review integration challenges				
Describe possible incompatibilities, adaptation data, etc..				
Provide anticipated hardware/resource usage and performance				
Review current schedule				
Review changes to external interfaces				
Review tasks, milestones, and resource estimates				
Identify schedule dependencies				
Identify future reviews and discuss participation				
Review focal points for this application				
Describe dependencies				
Describe unknowns				
Describe risks				
Identify action items and closure plan				