Summary of Changes

AML RAL Product Specification v1.0 dated November 2001
AML RAL Product Specification v2.1 dated November 2005

Ref	Change
Page 2	Document control page added
Page 3	Annex A & B now separate documents so removed from table of contents
1.1	Reference to STANAG 7170 inserted, NOT TO BE USED IN ISOLATION FOR NAVIGATION
1.2.4	STANAG number inserted
1.4.2	Repetition of security classification removed
1.5	Repetition, reference to CPSF & document layout removed
throughout	Reference boxes replaced with textual statement referring to annexes
1.6.1	STANAG 7170 added to list of references
1.6.2	(NIMA) removed & reference to S-57 Appendix B updated to v3.1
2	Reference to STANAG 7170 added
2.3.1	Density of data is also a factor in determining the regional scheme
2.6	5Mb file size constraint changed to a recommendation
3.6 & 3.6.4	"Conformance to the specification" changed to "Completeness for the specification" as an incomplete dataset should not be regarded as non conformant
5.3	Presentation of meta data has been modified to improve understanding A new item to encode a copyright statement has been added. "Vertical datum shift area" removed
5.5.1	A new user defined feature has been included to capture detail which would otherwise not be acceptable within AML, this will be applied to all AML Product Specifications. This is likely to be of most utility within RAL but has been included in all PS for completeness. "Category of" type enumerants now mandatory in all cases. Inserted "supporting textual information" (only present for national characters in v1.0) Inserted "text file reference" (only present for national characters in v1.0) Category of type enumerants now mandatory in all cases Submarine Transit lane now has allowable primitives line & area Removed feature swept area (nothing to do with mines just standard survey ops) Mandatory attributes emboldened to avoid confusion when alignment of tick is imperfect. "Vertical Datum Shift Area" removed "Maritime safety information area" added "Radio broadcast area" added "Traffic route" added "Ferry route" added "Fishery limit" changed to fishing zone "ICAO code" added to airport/airfield feature Line primitive added to features; "territorial sea area", "fishing zone", "contiguous zone", "EEZ" & "continental shelf". "radio station" feature added
5.5.2	New attribute "textual description" added to support new feature "user defined" New attribute enumerants "unknown" "multiple" "not applicable" & "other" added where appropriate. "Small planes airfield" & "glider airfield" added as enumerants on "cat of airfield" "error ellipse" definition improved Nationality is now a coded string (more than one permissible). Enumerants "A: amphibious" & "D: diving" added to "type of military activity" Added Category of Reporting/Radio calling in point & 3 enumerants (no definitions yet) Removed attributes "quality of sounding measurement", "technique of sounding measurement", & swept date. All associated uniquely with "swept area". "category of maritime safety information area" added "category of ferry" added

	"contact details" added "Type of shipping" added "Traffic density" added "Seasonal start date" added "Seasonal end date" added "Sounding accuracy" added Enumerants recommended, temporary, illuminated, extinguished, historic, public, synchronised, watched, unwatched & existence doubtful added to attribute STATUS Fishing activity added ICAO code attribute added (more than one permissible) "Multilateral" added as enumerant to attribute Status "Rules for transit passage apply" added as enumerant to attribute Status category of airspace restriction enumerant definitions modified in line with feedback from RAF strike command "category of radio station" and enumerants added added attribute "estimated range of transmission" added attribute "call sign" added attribute "communications channel" added attribute "signal frequency" Added attribute "copyright statement" (text string) "Vertical Datum Shift Parameter" removed
5.5.3	Is now what 5.5.4 used to be.
5.5.3.2	Reference to Naval Gunfire Support (NGS) removed for consistency Added (category of = airway) to "controlled airspace composite" in top right cell of table Association between waypoints & Q-route legs removed added association between radio station & radio broadcast area
6	Changed text format but not content
8.4 & 8.5	Reference to implementation annexes inserted
Annex A	Rectangular constraint on cells is removed

The changes identified above have been made in response to feedback from a wide variety of sources.
The changes in the Product Specification will be reflected in the implementation annexes.
Some changes are common to all AML Product Specifications.
Minor grammatical and typographical changes have not been itemised above

Amendments made in response to industry feedback were incorporated in v2.1 which replaces v2.0

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