

S104 – Tidal Product for Surface Navigation

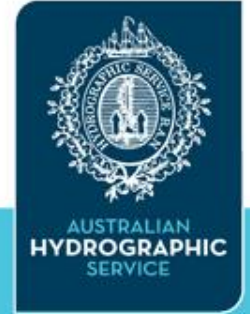
Discussion items



- Need to Review Attributes against revised ISO 19115:2014
- Portrayal – need to start discussions in details



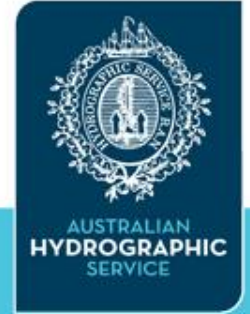
Portrayal



- Single Station- traditional plot &/or table
- Tide Stations – mini-map
- Gridded Surface – depth adjusted value surface
- Gridded Surface – Colour warning to set go/no-go zones
- All need to be able to be adjusted for day/night display
- Use of scamin/scamax – eg zoom in more details/ smaller steps, zoom out less details/ larger steps
- Mandatory vs optional attributes for portrayal



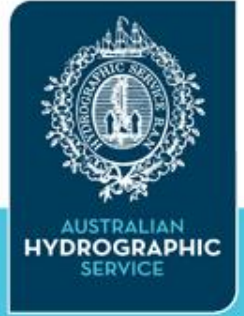
Traditional



- Single height station
 - table or table with graphic display or graphic only
 - What size window?
 - Daylight savings option
 - # of days displayed: 1, 5, 7 – do make option available to user to select
 - Colour of plot line?
 - Colour to differentiate between standard/major stations to secondary/minor stations?
 - allow plot of predicted vs observed ?
 - allow multiple tidal windows or set a maximum number?



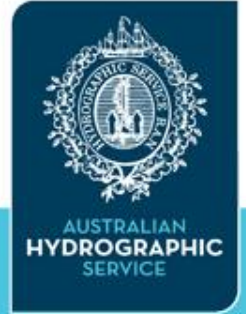
Mini-map



- Colour consistency for standard/major ports and secondary/minor ports
- Display colour of polygons, height values at time x
- Size of window ? Should this be the same as the graphic/table size



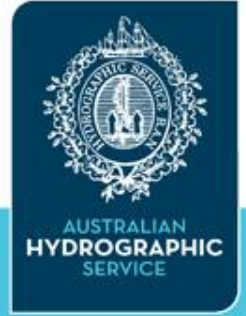
Gridded - 1



- Gridded format? Adopt as per S102 to ensure consistency to display adjusted sounding layer
- Colour to differentiate between charted depths and adjusted values
- Will it be time varying across the chart or at a fixed time? – time varying has added complexity



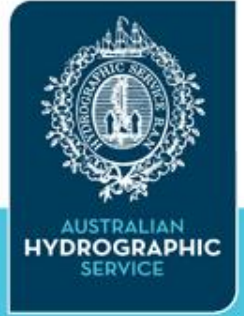
Gridded - 2



- Takes results from Gridded 1 – to create go/no go layer
- What colour for areas, transparency
- IMO have stood up a group to tackle under keel clearance



Collaboration



- IHB is setting up a project team (chaired by AMSA) to develop an S100 specification for Under Keel Clearance Management (UKCM) to enable outputs from UKCM services to be displayed for users.