

# NORTH WEST SHELF REGIONAL STUDY PRODUCT LISTS

## Product Delivery List

## NORTH CARNARVON BASIN PROJECT (NCBP)

## BROWSE OFFSHORE CANNING BASINS PROJECT (BOCP)

## SAHUL/MALITA AND PETREL PROJECT (SMPP)

### Fully interpreted KINGDOM © project (loaded into EarthPak and 2D3DPak)

|   |  |   |                                      |
|---|--|---|--------------------------------------|
| 2D OpenSeis Dataset (requires separate access to License from EDS)  | ☑  | ☑   | ☑                                    |
| Digital logs (decimated)  | 313  | 191   | 161                                  |
| - Others digital logs available for set fee discount  | ☑  | NA  | NA                                   |
| Play intervals (Woodside terminology)   | 19   | 20  | 30                                   |
| Biostratigraphic data   | 440 out of 553 well bores                            | 159 out of 235 well bores                       | 138 out of 185 well bores            |
| Hydrocarbon shows   | 299 out of 553 well bores (above level 0 show)       | 134 out of 235 well bores (above level 0 show)  | 108 out of 185 well bores            |
| Palaeogeographic Maps   | all play intervals - 19                              | all play intervals - 16                         | all play intervals - 19 + Palaeozoic |
| - tied to seismic and wells and of rock volume present/preserved  | ☑  | ☑   | ☑                                    |
| Correlated formation/biostrat tops and database   | 519 out of 553 well bores                            | 185 out of 235 well bores                       | 150 wells                            |
| Interpreted seismic horizons  | all play intervals plus sub-sets (total 28 horizons) | all relevant play intervals (total 22 horizons) | all relevant play intervals          |
| - regional  | ~30,000 km   | NA  | 21,779 km                            |
| - local   | ~ 10,000 km  | ~ 31,400 km                                     | TBD                                  |
| Seismic Grids and Isochores   | all play intervals plus sub-sets (total 115 maps)    | all relevant play intervals (total 132 maps)    | all relevant play intervals          |
| Source Kitchen maps (70-120-135-160-200 DEG C)  | ☑  | 33 maps of Isotherms and DegC at Top Structure  | TBD                                  |
| PakNotes - Help, methodology and descriptions   | ☑  | ☑   | ☑                                    |
| - Use of Project (Legals), Seismic Integration, Well Integration, Summary Folio and Poster, Zones and Maps, Biostrat and Shows, Deviation Data, TZ Curve Assignment, Log Aliasing, Cross Sections, Horizons and Descriptions, Seismic Summary | ☑  | ☑   | ☑                                    |

### Fully interpreted PLAYER © project (ArcGIS10 add-on)

|  |   |   |  |
|--|---|---|--|
| Trial PLAYER © licence   | ☑   | ☑   | ☑  |
| Well failure analysis  | 463/495 wells   | 176 / 221 wells   | ~162 wells                                       |
| Pool and field volumes   | all accumulations (open file)                             | all accumulations (open file)                             | all accumulations (open file)                    |
| Field Analysis   | all accumulations (open file)                             | all accumulations (open file)                             | all accumulations (open file)                    |
| Palaeogeographic Maps  | all play intervals - 19                                   | all play intervals - 16                                   | all play intervals - 19 + Palaeozoic             |
| Summary Statistics of reservoir quality and geochem by play interval   | all play intervals - 19 (~114 maps)                       | all play intervals - 20 (119 Maps)                        | all play intervals - 19 + Palaeozoic             |
| Common Risk Segment Maps   | all relevant play intervals (~12/play + multiplay stacks) | all relevant play intervals (~12/play + multiplay stacks) | all relevant play intervals                      |
| Geolocated Images  | selected maps from public domain reports                  | selected maps from public domain reports                  | selected maps from public domain reports         |
| - includes Charge, Interval, Prospects & leads, Tectonics, Structure, Palaeogeography, Sub-Crop, etc   | ~ 130 maps  | ~ 75 maps   | TBD  |
| Public Domain Layers   | Selected public domain GIS coverages                      | Selected public domain GIS coverages                      | Selected public domain GIS coverages             |
| - Includes SeeBase (depth to basement), Oils of Australia (oil geochemistry), Surface Geology, Bathymetry, Coastline, Licence Areas, Contractor Seismic coverages, Regional Maps | ~ 45 maps   | ~ 37 maps   | TBD  |
| Portfolio Valuation - Total BOE Value (EMV) & Volume; Exploration Cost   | All relevant areas of interest (gazettal blocks)          | All relevant areas of interest (gazettal blocks)          | All relevant areas of interest (gazettal blocks) |

### Report Data

|  |                               |   |                       |
|--|-------------------------------|---|-----------------------|
| Seismic Reports  | all open file reports (17 GB) | all open file reports (41GB - with permit reports)  | all open file reports |
| Well Completion Reports; including composite well & mud logs | 463/495 wells (388 GB)        | 176 / 221 wells (180 GB)                            | ~162 wells            |
| Permit Reports   | all open file reports (19GB)  | all open file reports (41GB - with seismic reports) | all open file reports |
| Well Summary Sheets  | ~420 wells                    | ~150 wells  | ~ 162 wells           |

### Databases (Oracle and flat files)

|  |  |  |                    |
|--|--|--|--------------------|
| Detailed shows descriptions for each show type and test method                 | 21,716 data rows                       | 7,116 data rows                        | 6,532 data rows    |
| - includes Core, Cuttings, SWC, DST, Mudlogs, Recovery, Pressure surveys, Logs | ☑                                      | ☑                                      | ☑                  |
| Row specific data for biostrat, checkshot, deviation survey                    | 75,321 data rows                       | 35,446 data rows                       | 26,883 data rows   |
| Summary statistics of reservoir quality and geochem by play                    | all play intervals (~ 7,500 data rows) | all play intervals (~ 4,744 data rows) | all play intervals |
| Row specific data (depth/value) of reservoir quality and geochem               | 101,807 data rows                      | 95,304 data rows                       | 42,487 data rows   |
| Temperature database with Isotherm vs TWT grid                                 | ~ 350 wells                            | ~ 139+ wells                           | TBD                |

### Project PowerPoint Files

|   |  |   |   |
|---|--|---|---|
| Project meetings over 12 month project duration                     | ☑ (12 meetings)                          | ☑ 7 meetings)                           | ☑ |
| Chronostrat Charts  | ☑  | ☑                                       | ☑ |
| Palaeogeography maps overlain with reservoir and geochem statistics | ☑ (114 maps)                             | ☑ (119 Maps)                            | ☑ |
| Field Summaries   | ☑ (242 fields where open file available) | ☑ (35 fields where open file available) | ☑ |

**Availability**

**Completed (Non-exclusive)**

**Completed (Non-exclusive)**

**Commenced October 2014:  
To Complete 2016 (Exclusive)**

**Price**

**POA**

**POA**

**POA**

Note: TBD = To Be Determined during project

Note: Well number totals are locations / locations plus sidetracks/respuds that exist in the project and were examined for data

**Note: Comprehensive Oracle database front-end with data compiled and QC'd by BGC of all NWS well related data available separately**