

UNITISATION, EQUITY REDETERMINATION EXPERT AND ADVISORY EXPERIENCE

RPS is the most experienced unitisation and equity redetermination Expert and Advisory consulting group in the world, having successfully completed more than 50 unitisation and equity (re)determination projects (some 26 as Expert and 27 providing technical and strategic advice to companies involved in hydrocarbon ownership disputes) concerning fields located in eighteen different countries on five continents.

The below table lists a selection of projects where RPS has been appointed as Expert to resolve disputes regarding hydrocarbon ownership (some of these engagements are protected by confidentiality agreements and therefore referred to here in general terms only).

| Location | Description | Decision Mechanism | Year |
|-------------------------------|--|---|-----------|
| Southeast Asia | Expert in mandatory first redetermination of large oilfield. | Key Step / Pendulum | 2015-2016 |
| UK-Norway | Contracted by UK/Norwegian Governments to define share of Field straddling international median. | Independent re-work | 2015 |
| Egypt | Unitisation advice. | Independent rework | 2015 |
| Norwegian North Sea | Expert in final redetermination of large oil field. | Pendulum | 2014-2015 |
| Norwegian North Sea | Expert in first redetermination of major gas field. | Independent rework | 2012-2013 |
| Canadian East Coast | Expert in first and only redetermination. | Pendulum | 2009-2010 |
| Dutch North Sea, Logger Field | Appointed by Court of Appeal in The Hague as Experts to the Court. | Experts to Court | 2008-2010 |
| Norwegian North Sea | Appointed as Expert to resolve first redetermination. | Pendulum | 2009 |
| Australia - Timor Leste JDPA | Expert in first redetermination. | Key-step pendulum | 2005-2007 |
| Philippines | Retained as Expert. | Independent rework | 2006 |
| UK North Sea, Goldeneye Field | Appointed as Expert to resolve dispute in field straddling 4 licenses. | Independent rework | 2006 |
| Colombia, Cusiana Field | Appointed as Expert. | Dual Expert rework | 2005 |
| Italy | Appointed Commercial Expert. | Pendulum | 2005 |
| S.E. Australia, Wallaby Creek | Appointed Expert to determine remaining producible gas. | Independent rework | 2000 |
| UK North Sea, Nelson Field | Expert for first revision of Unit Interests. | Guides Expert, Key-step, Independent Rework | 1998-2000 |
| United Arab Emirates | Appointed Expert to resolve international cross-border dispute. | Independent rework | 2000 |

| Location | Description | Decision Mechanism | Year |
|---------------------------------------|---|--------------------|-----------|
| Norwegian North Sea Troll Field | Expert for First redetermination. | Independent rework | 1999 |
| Norwegian North Sea Snorre Field | Appointed as Expert for first redetermination. | Independent rework | 1997-1998 |
| UK North Sea, Bittern Field | Appointed as Expert for determination of initial tract participations based on gross rock volume. | Independent rework | 1998 |
| Onshore Netherlands, Teitjerk-Opeinde | Expert redetermination. | Independent rework | 1996-1997 |

The following table lists a selection of projects where RPS has provided technical and advisory support services to companies preparing for either unitisation or field redeterminations (some of this work is protected by confidentiality agreements and therefore referred to in general terms only).

| Location | Description | Year |
|---------------------|--|--------------|
| West Africa | Review of Redetermination procedures prior to inclusion in UUOA of major gas field straddling international maritime boundary. | 2019 |
| Thailand | Pre-unitisation technical and strategic support, including Technical Work Group representation on behalf of client. | 2018-ongoing |
| India | Supporting Law firm/Oil Co in technical matters relating to claim of 'unfair enrichment'. | 2016-2017 |
| North Africa | Brownfield pre-unitisation support, including drafting procedures for UUOA. | 2015-2016 |
| Mozambique | Pre-unitisation support, including drafting of technical sections of UUOA & negotiation representation. Mega LNG project. | 2015 |
| Thailand | Pre-unitisation support, including basis of determination sensitivity study. | 2015 |
| North Africa | Strategic Advice. | 2014 |
| South America | Strategic Advice. Drafting of procedures for UOA. Design and analysis of tract participation uncertainties. | 2013-2014 |
| Papua New Guinea | Pre-redetermination advice on preparation and strategy. | 2013 |
| Norwegian North Sea | Pre-redetermination technical and strategic support. | 2011-2012 |
| UK North Sea | Pre-Unitisation strategic advice. | 2011 |
| UK North Sea | High level strategic support and pre-unitisation advice which enabled the Operator to avoid an unnecessary and costly unitisation and the consequential determination of interests. | 2010-2011 |
| North Africa | High level strategic support, pre-Unitisation advice and guidance on redetermination procedure. Technical review. | 2010 |
| North Africa | High level strategic advice, sensitivity analysis, technical support, Expert Interview and selection, Equity Committee negotiation representation, submission and rebuttal drafting. | 2007-2010 |
| UK North Sea | Pre-Unitisation strategic advice. | 2010 |

| Location | Description | Year |
|-----------------------------------|---|-----------|
| Papua New Guinea | High level pre-unitisation strategic advice including review and comment on applicability 2008 of the Association of International Petroleum Negotiators (AIPN) guidance on Redetermination procedure / dispute resolution. | 2009 |
| Italy | Strategic advice and submission to Expert preparation. | 2006 |
| Norwegian North Sea | High level strategic advice, technical support and submission and rebuttal drafting. | 2003-2006 |
| North Africa | Full technical support and sensitivity study prior to redetermination. Drafting and review of Unit Operating agreement. | 2001-2005 |
| Bolivia | High level pre-unitisation strategic advice to avert potential International cross-border dispute. | 2000 |
| UK North Sea, Galleon Field | Technical support, including extensive sensitivity studies and Sub-committee representation. Negotiated settlement achieved. | 1999-2000 |
| UK/Dutch North Sea, Markham Field | Full technical representation, including Expert Interview and selection | 1999-2000 |
| UK North Sea, Johnston Field | Full technical support and representation, including Expert interview and selection. | 1998 |