INTRODUCTIONS

- Rio Tinto
- QIT
- QMM SA
- Mandena JV (MJV)
- Baird & Associates
Why Madagascar?
Why Now?
Background & History to Date
LOCATION

[Map of Madagascar with regions labeled]
SCOPE

- Mining Plant
- Mineral Separation Plant
- Main Site Infrastructure
- Port Works – Marine Works
- Port infrastructure Works
- Other Infrastructure
1. Existing Harbor
2. Project Office
3. Villages
4. Quarry
5. Quarry Haul Road
6. Port
7. MSP Haul Road
8. MSP
9. Conservation Area
10. Weir
Fort Dauphin
Existing Infrastructure
Quarry Access Road
EXISTING HARBOUR
Villages
Quarry
NORTH HILL (Grizzlies)
Quarry Haul Road
HAUL ROAD (Rehabilitation)
MSP
(Mineral Separation Plant)
1. WET PLANT
2. BUILDINGS
3. DRY PLANT
4. POWER PLANT
WET PLANT (Pontoon)
DRY PLANT (Dry Mill Drainage)
Port
DREDGING
Port d’Ehoala

• World Bank interest
• Tender Process
• Contractor selection
• The Engineer
• The Contractor
Why a Dispute Board?

- Not Rio Tinto expertise
- Large portion of work
- Critical to overall Project schedule
- World bank influence
- Project is under world’s microscope
- Unknown contractor
Risks

- Capability of contractor
- Attitude of contractor
- Quarry Conditions
- Sea bed geology
- Dredging capability
Choice of DRB

- Known and unknown personalities
- Lack of experience
- Suitable candidates
Experience to date

• Regular visits to site
• Kept up to date by website
• Team come well prepared
• Nothing to resolve
Future of the DRB

- Critical risks resolved
- Excellent relationships created
- Problems solved on daily basis
- No future disputes foreseen
- Cost is too high for reward so need to cut back
What would we do differently

• Clear indication of costs at tender stage
• Make allowance in documents
• Reduce number of visits
What could you do better

• Process is not clear to the uninitiated
• Have lists of suitable candidates
• Fix costs or fees for the year
• Make proper provision in FIDIC and other contracts to allow for the costs to be included.