

| <b>KARARA Project</b><br><b>EQUIPMENT DATA SHEET: L262M-ME-DAS-0001</b>                                                                                                            |                                                                    |                                      |                   |                |                 |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------|-------------------|----------------|-----------------|--|
| <b>CLIENT :</b> KARARA MINING LIMITED<br><b>PROJECT :</b> KARARA IRON ORE PROJECT<br><b>FACILITY :</b> CONVEYORS<br><b>EQUIP TITLE :</b> TAKE-UP SYSTEMS - L262M WINCHES DATASHEET |                                                                    |                                      |                   |                |                 |  |
| <b>CONVEYOR NUMBER</b>                                                                                                                                                             | <b>UOM</b>                                                         | <b>CV009</b>                         | <b>CV010</b>      |                |                 |  |
| <b>General</b>                                                                                                                                                                     |                                                                    |                                      |                   |                |                 |  |
| Winch Equipment No                                                                                                                                                                 |                                                                    | 1304-HT-039                          | 1304-HT-040       |                |                 |  |
| Take-up Mass                                                                                                                                                                       | Tonne                                                              | 21                                   | 21                |                |                 |  |
| Mass/Trolley Travel Length                                                                                                                                                         | mm                                                                 | 8143                                 | 8143              |                |                 |  |
| Total Rope Length (plus 3 turns of drum)                                                                                                                                           | m                                                                  | 56                                   | 56                |                |                 |  |
| Rope Falls                                                                                                                                                                         |                                                                    | 2                                    | 2                 |                |                 |  |
| <b>Rope Design Criteria</b>                                                                                                                                                        |                                                                    |                                      |                   |                |                 |  |
| Static Load on Winch Rope                                                                                                                                                          | kN                                                                 | 120.1                                | 120.1             |                |                 |  |
| Rope Diameter                                                                                                                                                                      | mm                                                                 | 26                                   | 26                |                |                 |  |
| Rope Description                                                                                                                                                                   | Teufelberger PERFEKT QS816V, Steel Cord Galvanised Wire Rope U.N.O |                                      |                   |                |                 |  |
| Rope Lay                                                                                                                                                                           | Right Hand Lang Lay                                                |                                      |                   |                |                 |  |
| Rope Grade                                                                                                                                                                         | MPa                                                                | 1960                                 |                   |                |                 |  |
| Rope Breaking Force                                                                                                                                                                | kN                                                                 | 615                                  | 615               |                |                 |  |
| Rope Safety Factor                                                                                                                                                                 |                                                                    | 5.1                                  | 5.1               |                |                 |  |
| <b>Winch and Sheave Design Criteria</b>                                                                                                                                            |                                                                    |                                      |                   |                |                 |  |
| Wire Rope Sheave - No.off                                                                                                                                                          |                                                                    | 3                                    | 3                 |                |                 |  |
| - Dia                                                                                                                                                                              | mm                                                                 | 630                                  | 630               |                |                 |  |
| Winch Capacity reqd.                                                                                                                                                               | Tonne                                                              | 15                                   | 15                |                |                 |  |
| Class Hoisting                                                                                                                                                                     | Supplier to Confirm                                                |                                      |                   |                |                 |  |
| Class Structure                                                                                                                                                                    | Supplier to Confirm                                                |                                      |                   |                |                 |  |
| Hoisting Speed                                                                                                                                                                     | m/min                                                              | 4m/min, Supplier to Confirm          |                   |                |                 |  |
| Drum Type                                                                                                                                                                          | Single Grooved                                                     |                                      |                   |                |                 |  |
| Drum Diameter (min.)                                                                                                                                                               | mm                                                                 | 364                                  |                   |                |                 |  |
| Drum Capacity-usable                                                                                                                                                               | Supplier to Confirm                                                |                                      |                   |                |                 |  |
| Handing                                                                                                                                                                            | Right Hand                                                         |                                      |                   |                |                 |  |
| <b>Winch Drive</b>                                                                                                                                                                 |                                                                    |                                      |                   |                |                 |  |
| Motor: type                                                                                                                                                                        | 4 pole, braked                                                     |                                      |                   |                |                 |  |
| power                                                                                                                                                                              | Supplier to Confirm                                                |                                      |                   |                |                 |  |
| Gearbox                                                                                                                                                                            | Supplier to Confirm                                                |                                      |                   |                |                 |  |
| Power Supply                                                                                                                                                                       | 415V, 50 Hz, Wilco GP plug to 63A welding outlet                   |                                      |                   |                |                 |  |
| Control - Type                                                                                                                                                                     | Pendent Control Buttons plus Emegrency stop                        |                                      |                   |                |                 |  |
| Drive Unit                                                                                                                                                                         |                                                                    |                                      |                   |                |                 |  |
| Load Ratchet / Locking Pawl                                                                                                                                                        | To be fitted to secure load on drum whilst drive not operating     |                                      |                   |                |                 |  |
| Isolation Mechanism                                                                                                                                                                | Mechanical pin                                                     |                                      |                   |                |                 |  |
| Protection Guard                                                                                                                                                                   | To be included 2.5m from Ground Level(Refer Design Drawing)        |                                      |                   |                |                 |  |
| Counter weight mass 300kg                                                                                                                                                          | Torpedo Counterweight (Refer Drawing)                              |                                      |                   |                |                 |  |
| Arrangement Type (Refer Figure 1)                                                                                                                                                  |                                                                    | Type 1                               | Type 1            |                |                 |  |
| <b>Winch Plinth / Base Frame</b>                                                                                                                                                   |                                                                    |                                      |                   |                |                 |  |
| Cast-in steelwork footing details:                                                                                                                                                 |                                                                    |                                      |                   |                |                 |  |
| - bolt qty                                                                                                                                                                         |                                                                    | 8                                    | 8                 |                |                 |  |
| - longitudinal spacing                                                                                                                                                             | mm                                                                 | 1295                                 | 1295              |                |                 |  |
| - transverse spacing                                                                                                                                                               | mm                                                                 | 240                                  | 240               |                |                 |  |
| Plinth height                                                                                                                                                                      | mm                                                                 | Supplier to Confirm (Needs pedestal) |                   |                |                 |  |
| <b>Remarks</b>                                                                                                                                                                     |                                                                    |                                      |                   |                |                 |  |
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| Issued for Tender                                                                                                                                                                  | D                                                                  | 20-Jun-25                            | SJ                | JR             |                 |  |
| Issued for Internal Review                                                                                                                                                         | C                                                                  | 10-Jun-25                            | SJ                | JR             |                 |  |
| Issued for Tender                                                                                                                                                                  | B                                                                  | 28-Nov-16                            | NP                | MK             |                 |  |
| Issued for Internal Review                                                                                                                                                         | A                                                                  | 19-Oct-16                            | NP                | MK             |                 |  |
| <b>Description</b>                                                                                                                                                                 | <b>Rev</b>                                                         | <b>Date</b>                          | <b>Originator</b> | <b>Checked</b> | <b>Approved</b> |  |