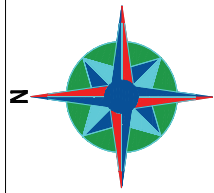


Mandalay Port Area(CDL)

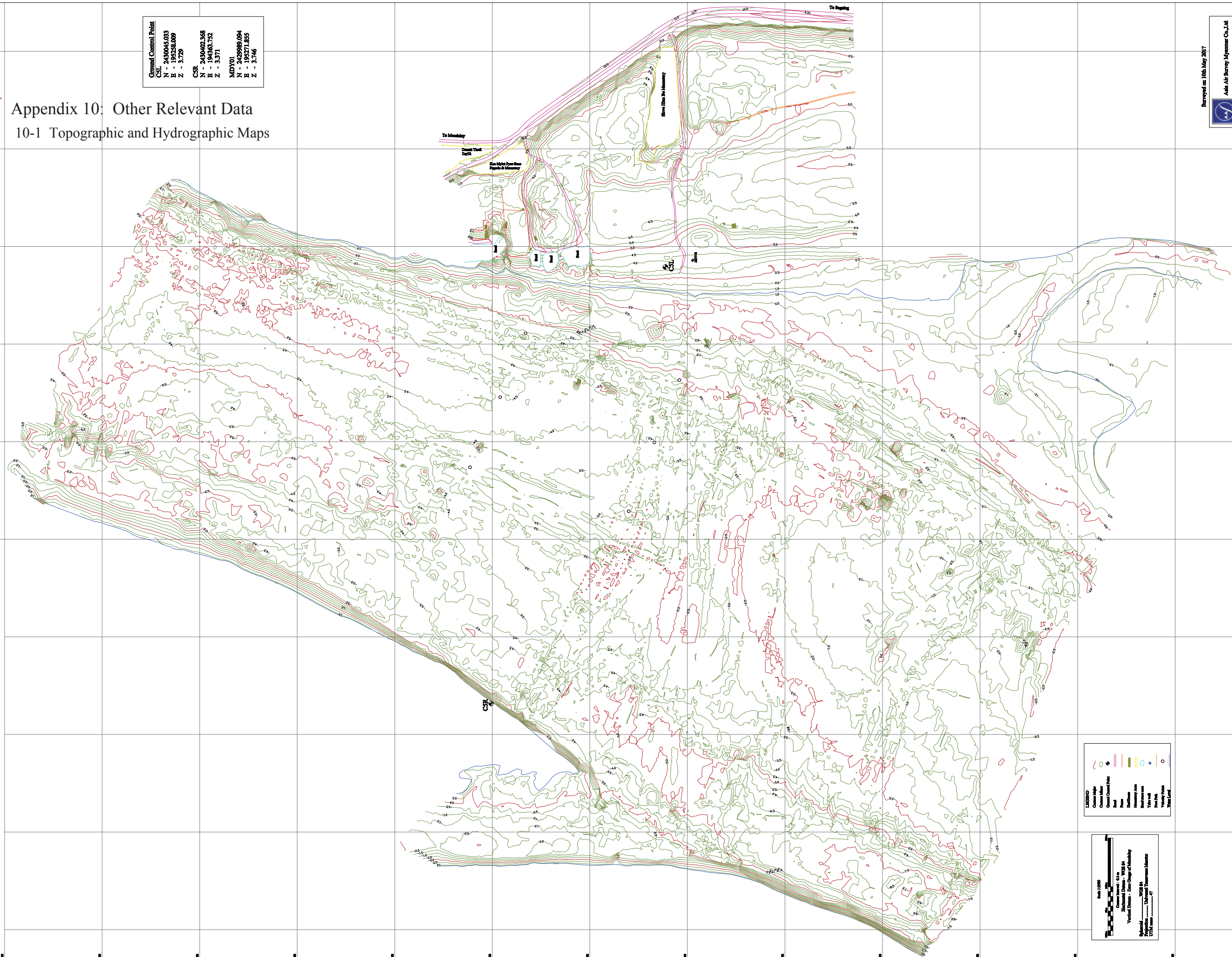
(Zero Gauge of Mandalay)



Appendix 10: Other Relevant Data

10-1 Topographic and Hydrographic Maps

| | | |
|----------------------|---|-------------|
| Ground Control Point | | |
| CSL | N | 2430445.033 |
| | E | 195258.009 |
| | Z | - 3.175 |
| CSR | N | 2430402.368 |
| | E | 194963.732 |
| | Z | - 3.371 |
| MDY01 | N | 2429989.094 |
| | E | 195271.825 |
| | Z | - 3.746 |



| | |
|--|--------|
| Ground Control Point | Symbol |
| Water Level | Symbol |
| Bank | Symbol |
| Channel | Symbol |
| Shoal | Symbol |
| Obstruction | Symbol |
| Structure | Symbol |
| Boundary Line | Symbol |
| Spot Elevation | Symbol |
| Vertical Datum - Zero Change of Mandalay | Symbol |
| Vertical Datum - Zero Change of Mandalay | Symbol |
| Vertical Datum - Zero Change of Mandalay | Symbol |
| Vertical Datum - Zero Change of Mandalay | Symbol |
| Vertical Datum - Zero Change of Mandalay | Symbol |
| Vertical Datum - Zero Change of Mandalay | Symbol |

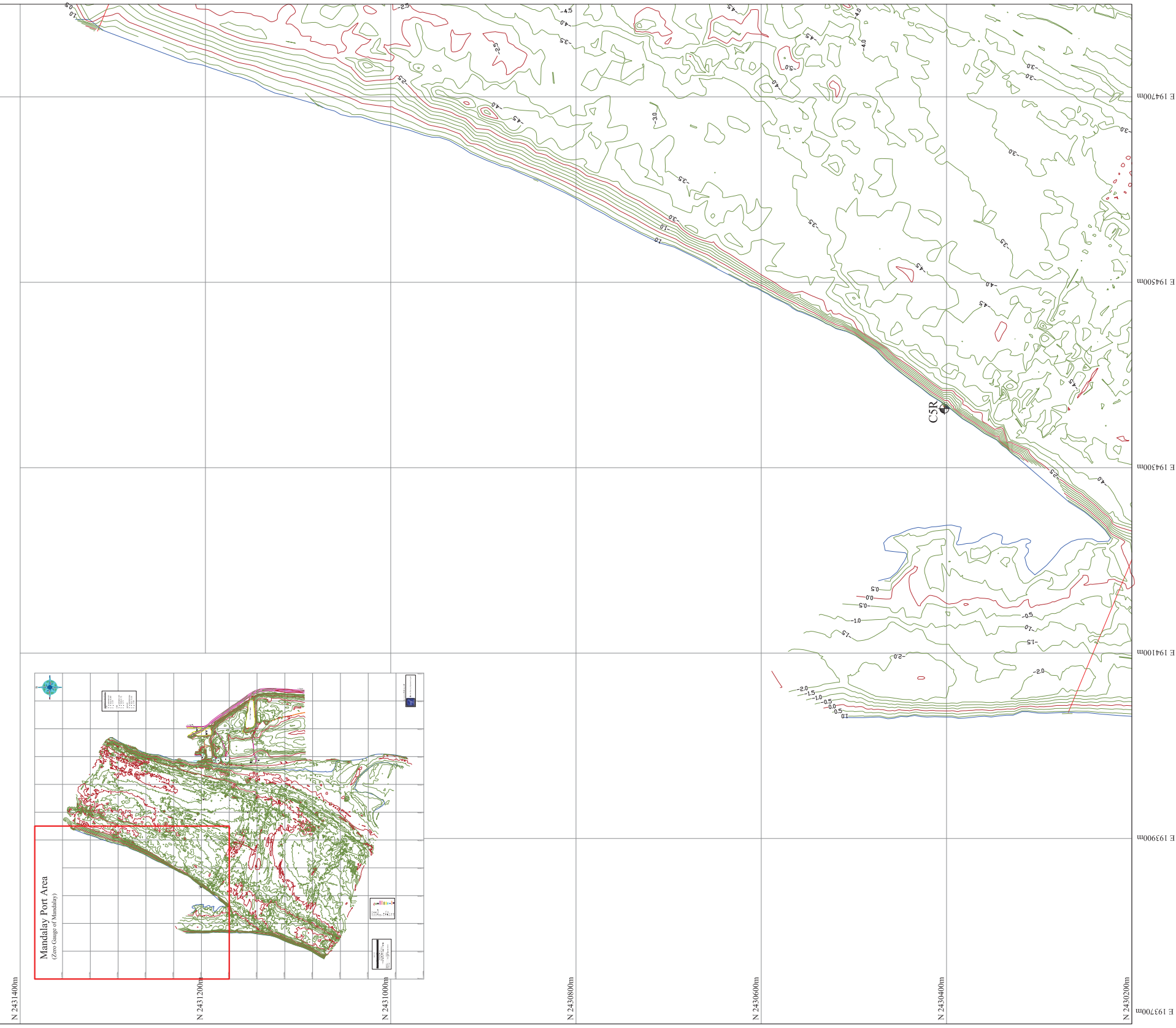
| |
|--|
| Scale 1:5000 |
| Horizontal Scale - 1 cm = 50 m |
| Vertical Scale - 1 cm = 1 m |
| Vertical Datum - Zero Change of Mandalay |
| Projection - UTM Zone 47 |
| UTM Zone - 47 |

Surveyed on 10th July 2017

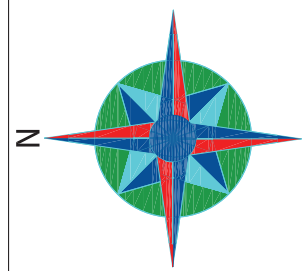
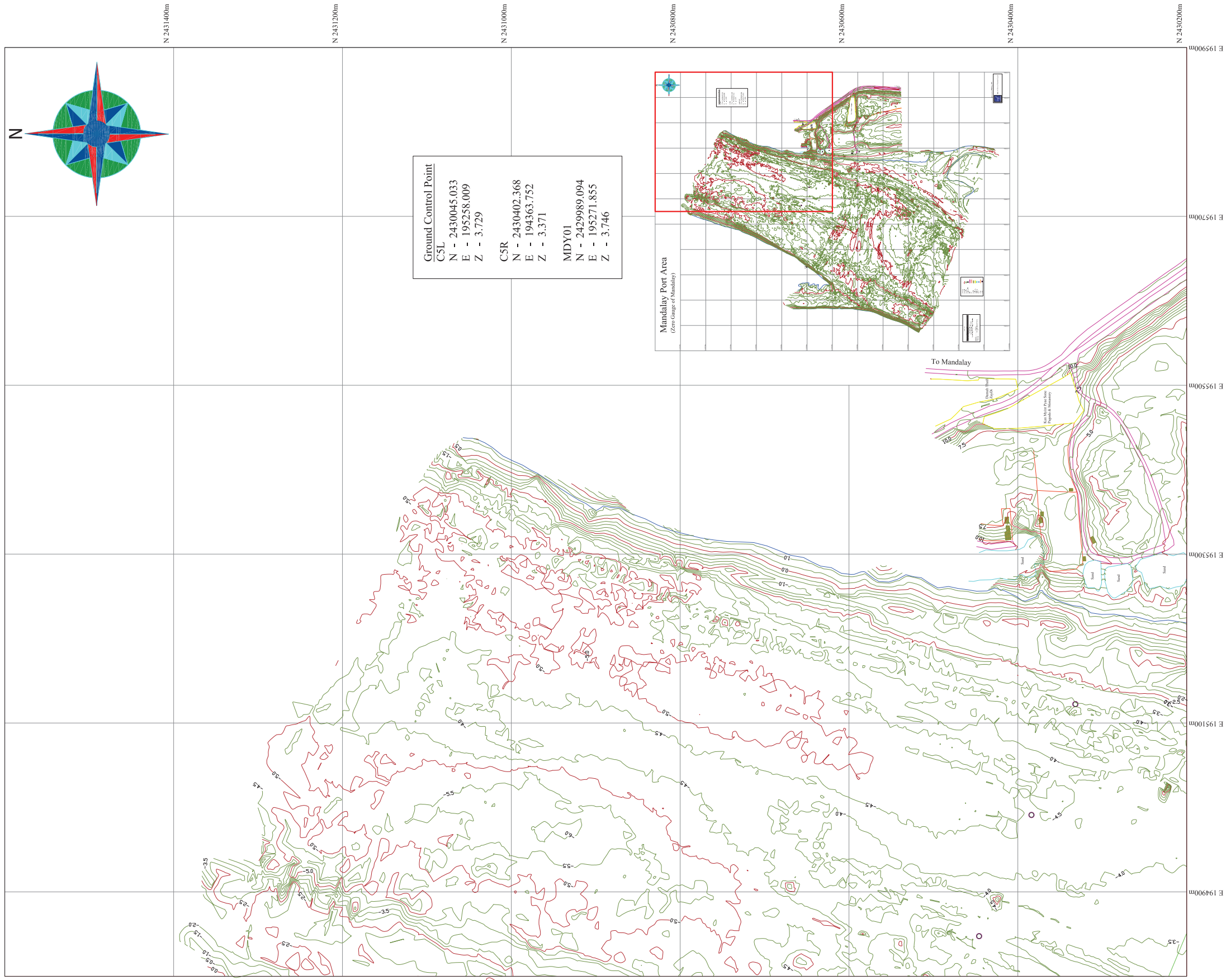
Ashi Air Survey Myanmar Co., Ltd.

Mandalay Port Area

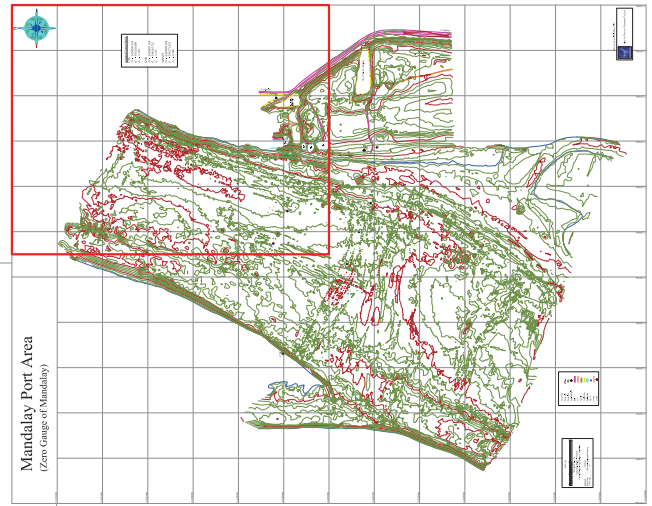
(Zero Gauge of Mandalay)



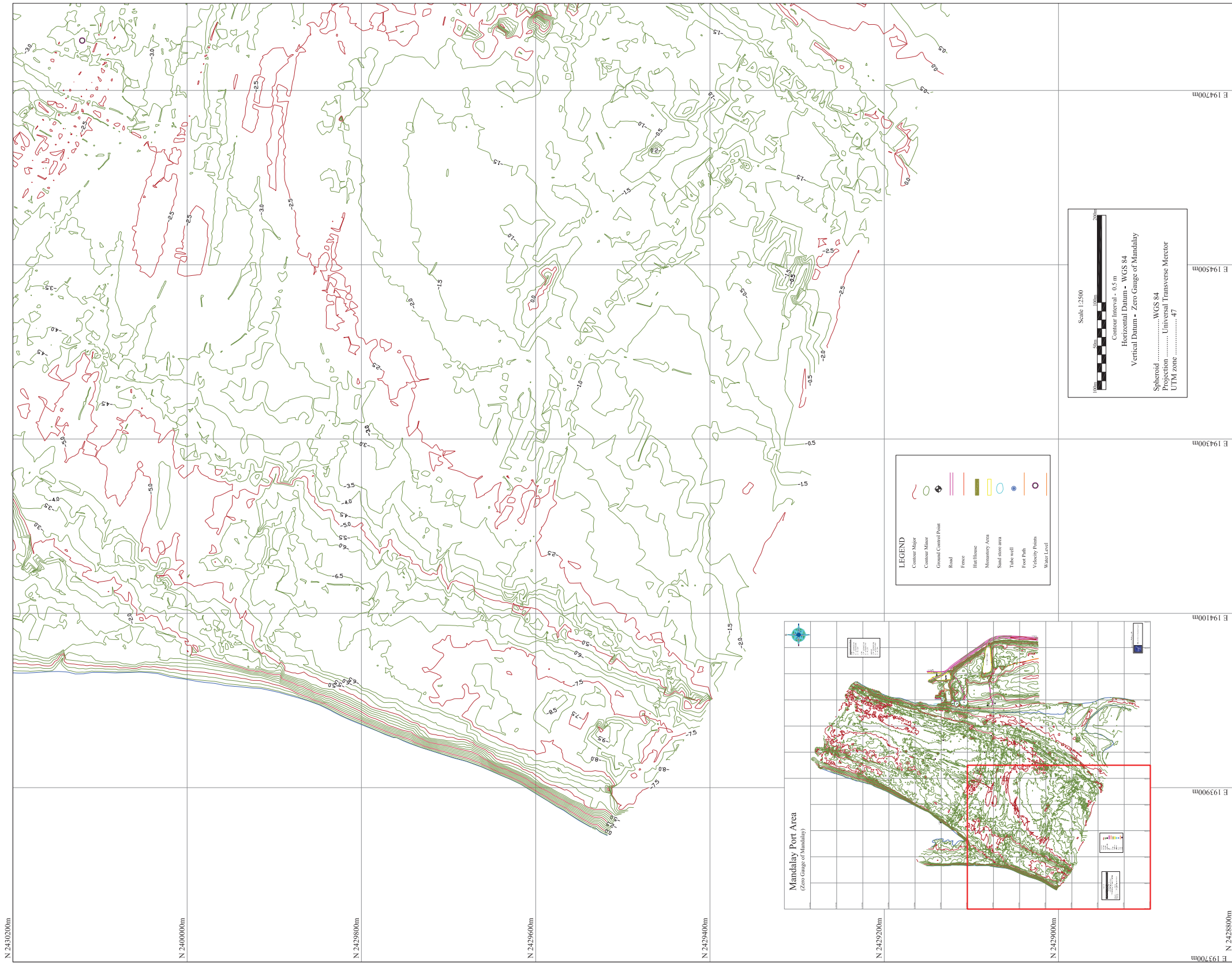
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| Project Name Mandalay Port Topographic and Bathymetric and River Condition Survey | Counterpart Oriental Consultant Co., Ltd | | Drawing Title Contour_ 1/4 | |
| | Prepared by U Win Aung Tun | Signature | Date | |
| | Checked by U Thein Htike Zaw | | | |
| Approved by U Min Thu | | | | |



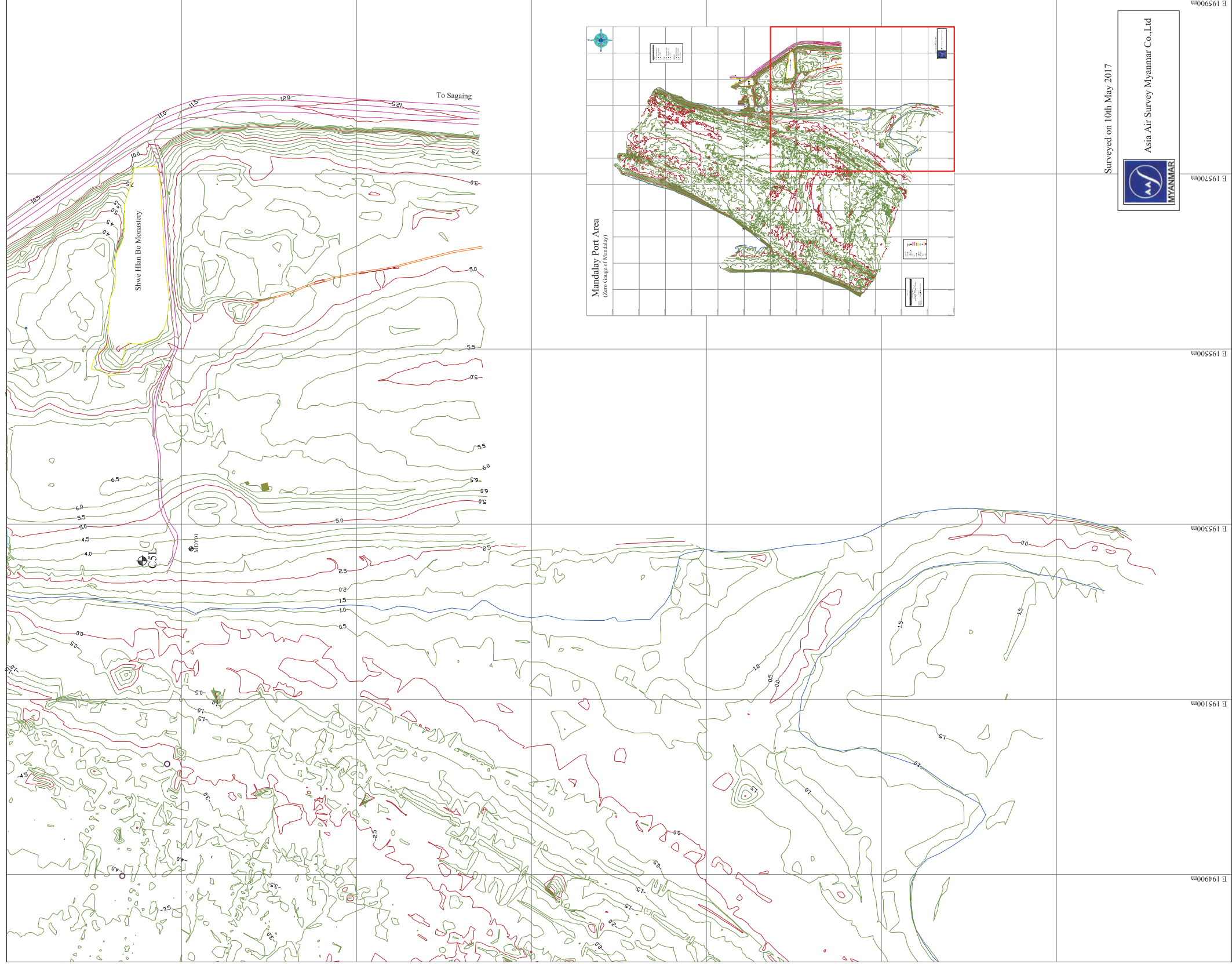
| Ground Control Point | |
|----------------------|--|
| C5L | |
| N - 2430045.033 | |
| E - 195258.009 | |
| Z - 3.729 | |
| C5R | |
| N - 2430402.368 | |
| E - 194363.752 | |
| Z - 3.371 | |
| MDY01 | |
| N - 2429989.094 | |
| E - 195271.855 | |
| Z - 3.746 | |



| | | | | |
|---|---|-------------------|--------------------------------------|--|
| Project Name Mandalay Port Topographic and Bathymetric and River Condition Survey | Counterpart Oriental Consultant Co.,Ltd | | Drawing Title Contour_ 2/4 | |
| | Prepared by U Win Aung Tun | Signature | Date | |
| | Checked by U Thein Htike Zaw | Name U Min Thu | | |
| Approved by U Min Thu | | | | |



| | | | | | |
|--|-------------------|-----------------------------|------|---------------|--|
| Project Name | | Counterpart | | Drawing Title | |
| Mandalay Port Topographic and Bathymetric and River Condition Survey | | Oriental Consultant Co.,Ltd | | Contour_ 3/4 | |
| Prepared by | U Win Aung Tun | Signature | Date | | |
| Checked by | U Thein Htike Zaw | | | | |
| Approved by | U Min Thu | | | | |



Surveyed on 10th May 2017

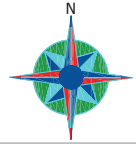
Asia Air Survey Myanmar Co., Ltd

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|---|--|-----------|--------------------------------------|--|
| Project Name Mandalay Port Topographic and Bathymetric and River Condition Survey | Counterpart Oriental Consultant Co., Ltd | | Drawing Title Contour_ 4/4 | |
| | Prepared by U Win Aung Tun | Signature | Date | |
| | Checked by U Thein Htike Zaw | | | |
| Approved by U Min Thu | | | | |

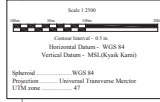
10-2 Riverbed Cross Section Survey Maps

Mandalay Port Area (MSL)

Cross Section Location



| Ground Control Point | | | |
|----------------------|---|---------------|--|
| CSL | N | - 2430045.033 | |
| | E | - 195258.009 | |
| | Z | - 65.139 | |
| CSR | N | - 2430402.368 | |
| | E | - 194363.752 | |
| | Z | - 64.781 | |
| MDV01 | N | - 2429989.094 | |
| | E | - 195271.855 | |
| | Z | - 65.156 | |

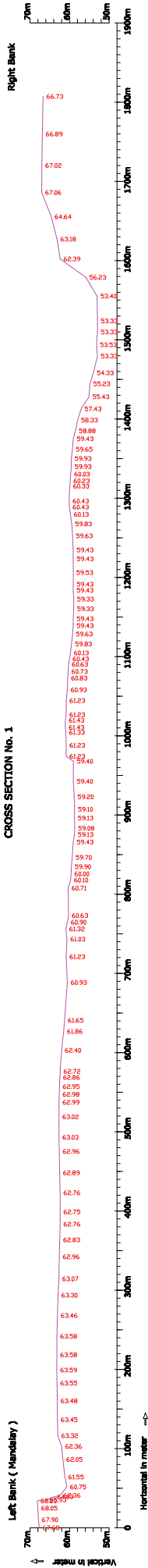


| LEGEND | |
|--------|----------------------|
| | Center Marker |
| | Center Marker |
| | Ground Control Point |
| | Road |
| | Fence |
| | Boundary Area |
| | Shoreline Area |
| | Tide wall |
| | Foot Path |
| | Water Level |

Surveyed on 10th May 2017

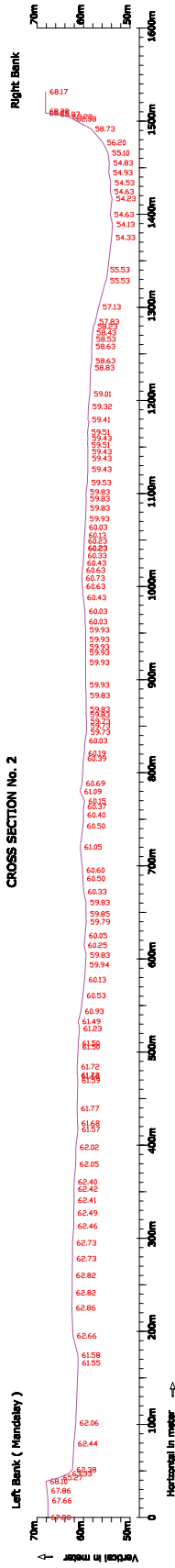
Asia Air Survey Myanmar Co., Ltd

MANDALAY PORT PROJECT
CROSS SECTION No. 1



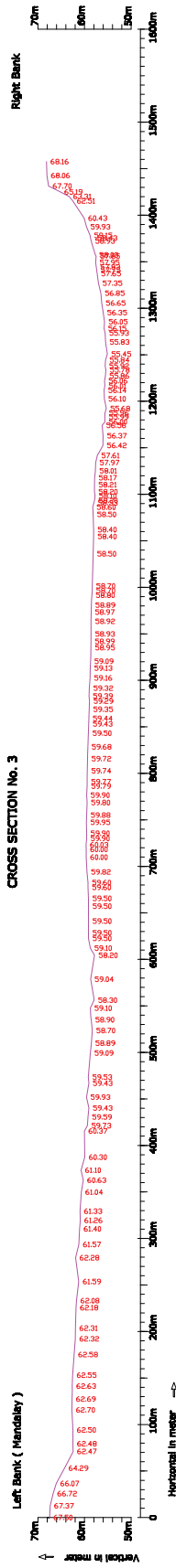
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| Project Name Mandalay Port Topographic and Bathymetric Survey and River Condition Survey | Consultant Oriental Consultant Co.,Ltd | | Drawing Title Cross Section _ 1 | | | |
| | | | | Prepared by U Win Aung Tun | Signature | Date |
| | | | | Checked by U Thein Htike Zaw | Signature | Date |
| Approved by | Signature | Date | | | | |

MANDALAY PORT PROJECT
CROSS SECTION No. 2



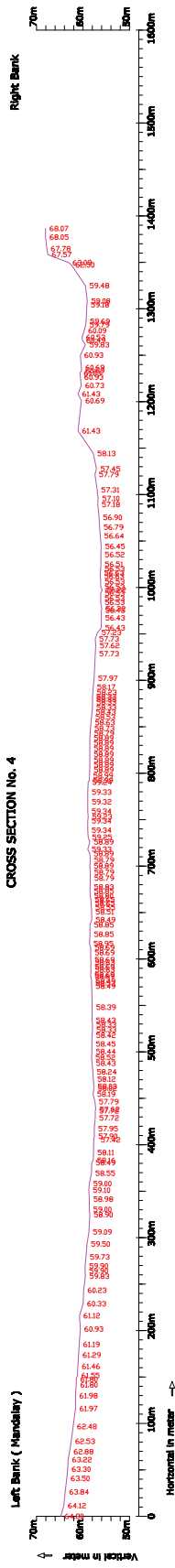
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| Project Name Mandalay Port Topographic and Bathymetric Survey and River Condition Survey | Company Name Oriental Consultant Co.,Ltd | | Drawing Title Cross Section _2 | | |
| | | | Prepared by U Win Aung Tun | Signature | Date |
| | | | Checked by U Thein Htike Zaw | | |
| | | Approved by U Min Thu | | | |

MANDALAY PORT PROJECT
CROSS SECTION No. 3



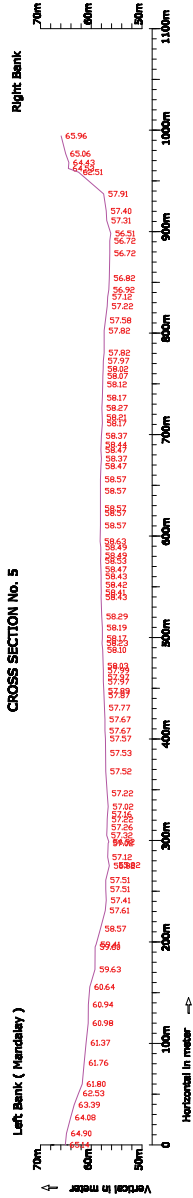
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| Project Name Mandalay Port Topographic and Bathymetric Survey and River Condition Survey | Country/inst Oriental Consultant Co.,Ltd | | Drawing Title Cross Section_3 | | | | |
| | | | | Prepared by | Name | Signature | Date |
| | | | | Checked by | U Win Aung Tun | U Thein Htike Zaw | |
| Approved by | U Min Thu | | | | | | |

MANDALAY PORT PROJECT
CROSS SECTION No. 4



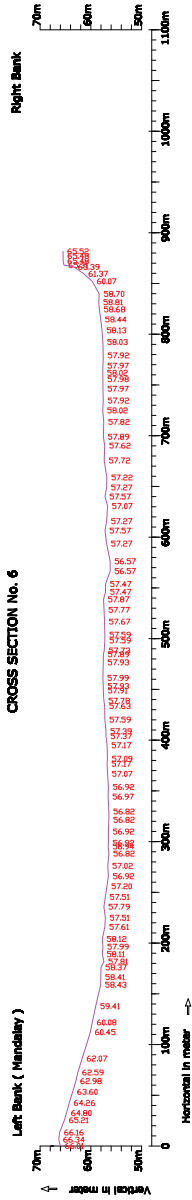
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|---|-------------------|-----------------------------|------|-------------------|--|
| Mandalay Port Topographic and Bathymetric Survey and River Condition Survey | | Oriental Consultant Co.,Ltd | | Cross Section _ 4 | |
| Prepared by | U Win Aung Tun | Signature | Date | | |
| Checked by | U Thein Htike Zaw | | | | |
| Approved by | U Min Thu | | | | |

MANDALAY PORT PROJECT
CROSS SECTION No. 5



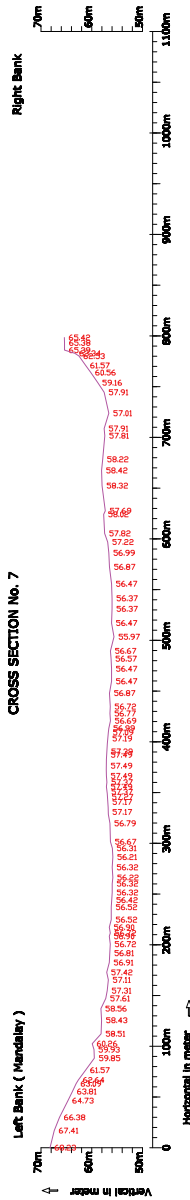
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| Project Name Mandalay Port Topographic and Bathymetric Survey and River Condition Survey | Contractor Oriental Consultant Co.,Ltd | | Signature Name U Win Aung Tun U Thein Hlike Zaw U Min Thu | Date | Drawing Title Cross Section _ 5 |
| | Prepared by | U Win Aung Tun | | | |
| | Checked by | U Thein Hlike Zaw | | | |
| Approved by | U Min Thu | | | | |

**MANDALAY PORT PROJECT
CROSS SECTION No. 6**



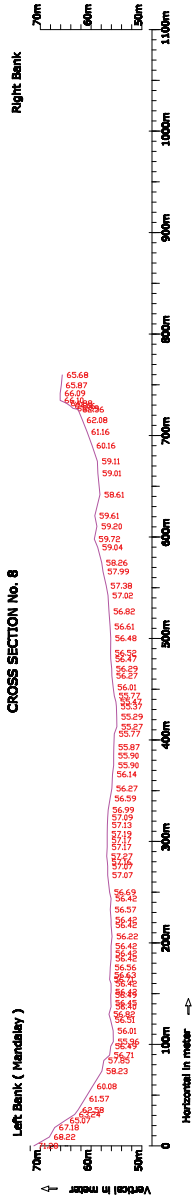
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| Project Name Mandalay Port Topographic and Bathymetric Survey and River Condition Survey | Oriental Consultant Co.,Ltd | | | | | |
| | Prepared by U Win Aung Tun | Signature | Date | Drawing Title Cross Section _ 6 | | |
| Checked by U Thein Hlike Zaw | Signature | Date | Drawing Title | | | |
| Approved by U Min Thu | Signature | Date | Drawing Title | | | |

MANDALAY PORT PROJECT
CROSS SECTION No. 7

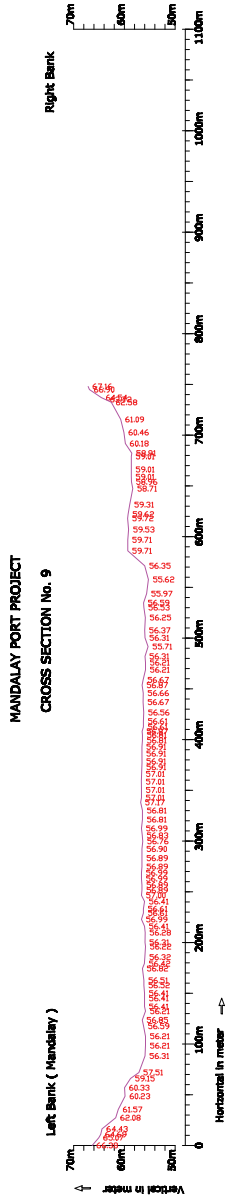


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| Project Name Mandalay Port Topographic and Bathymetric Survey and River Condition Survey | Company Oriental Consultant Co.,Ltd | | | Drawing Title Cross Section _ 7 |
| | Prepared by U Win Aung Tun | Signature | Date | |
| | Checked by U Thein Htike Zaw | Approved by U Min Tun | | |

MANDALAY PORT PROJECT
CROSS SECTION No. 8

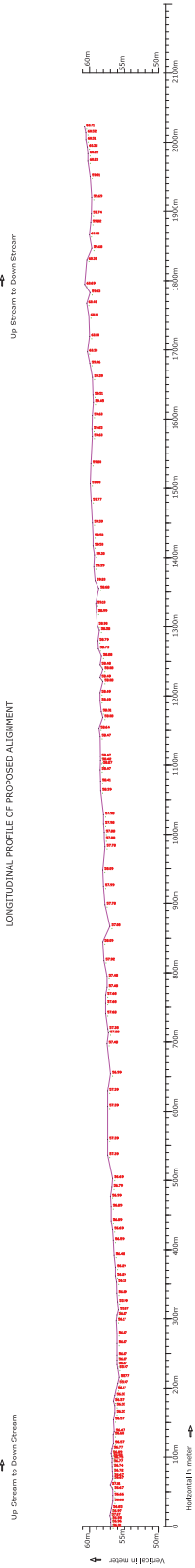


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| Project Name Mandalay Port Topographic and Bathymetric Survey and River Condition Survey | Consultant Oriental Consultant Co.,Ltd | | | Drawing Title Cross Section_ 8 |
| | Prepared by U Win Aung Tun | Signature | Date | |
| | Checked by U Thein Hlike Zaw | Signature | Date | |
| Approved by U Min Tin | Signature | Date | | |



| Project Name | Consultant | Name | Signature | Date | Drawing Title |
|---|------------------------------------|-------------|-------------------|------|------------------|
| Mandalay Port Topographic and Bathymetric Survey and River Condition Survey | Oriental Consultant Co.,Ltd | Prepared by | | | Cross Section _9 |
| | | Checked by | U Win Aung Tun | | |
| | | Approved by | U Thein Htike Zaw | | |
| | | U Min Thu | | | |

MANDALAY PORT PROJECT
LONGITUDINAL PROFILE OF PROPOSED ALIGNMENT



| | | | | | | |
|---|-------------------|------------------------------|------|--|----------------------|--|
| Project Name | | Counterpart | | | Drawing Title | |
| Mandalay Port Topographic and Bathymetric Survey and River Condition Survey | | Oriental Consultant Co., Ltd | | | Longitudinal Profile | |
| Prepared by | U Win Aung Tun | Signature | Date | | | |
| Checked by | U Thein Htike Zaw | | | | | |
| Approved by | U Min Thu | | | | | |