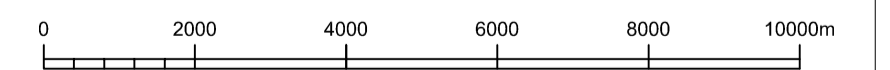


L-01	Northing(m)	Easting(m)	Distance(m)
T1	1 858 966.56	192 711.18	0
T2	1 857 354.25	192 688.40	1 612
T3	1 856 699.24	193 350.78	2 550
T4	1 854 657.18	202 533.14	11 949
T5	1 852 609.63	203 837.09	14 377
T6	1 849 244.66	203 842.45	17 742
T7	1 845 655.32	204 094.71	21 339
T8	1 842 329.01	207 967.61	26 452
T9	1 834 844.64	206 022.40	34 185
T10	1 827 387.88	208 681.58	41 614
T11	1 824 646.04	211 393.88	45 795
T12	1 822 194.58	215 779.92	50 819
T13	1 820 324.64	217 427.21	53 311
T14	1 809 767.81	214 322.82	64 296



MYANMA PORT AUTHORITY (MPA)



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

JICA STUDY TEAM



ORIENTAL CONSULTANTS GLOBAL Co., LTD.



ASIA AIR SURVEY CO., LTD.

CONTRACTOR



ARC GEO SUPPORT CO., LTD.

Project Name

The Data Collection Survey for Improvement of Navigation Channel of Yangon Port

Drawing Title

Location map of longitudinal profile survey line along the Yangon River and the river mouth area of the Yangon River before rainy season

Projection

UTM Zone 47 N

Ellipsoid

WGS - 84

Datum Level

Chart Datum of Yangon Port

Revision

1.0.0

Date of Survey

From 06 May 2015 to 07 Jun 2015

Date of Drawing

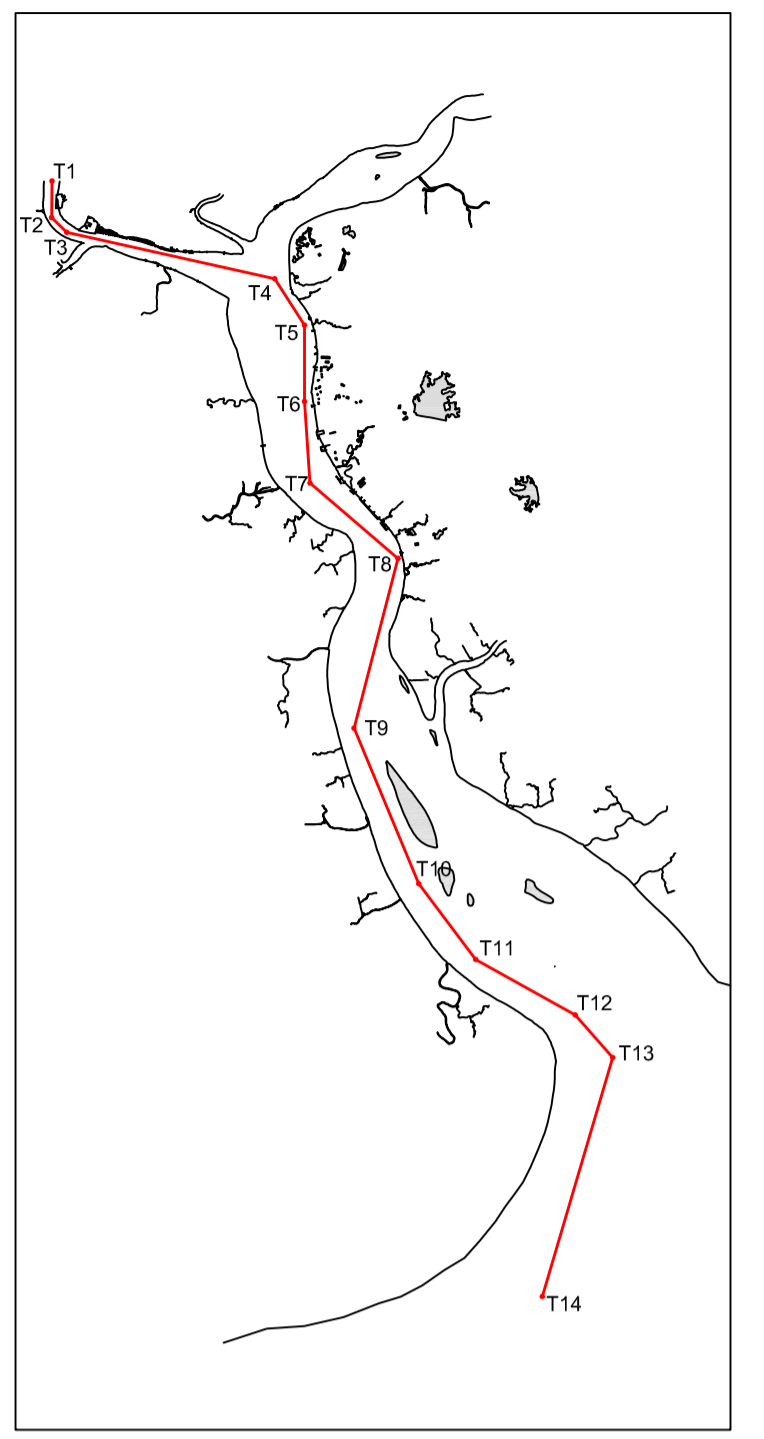
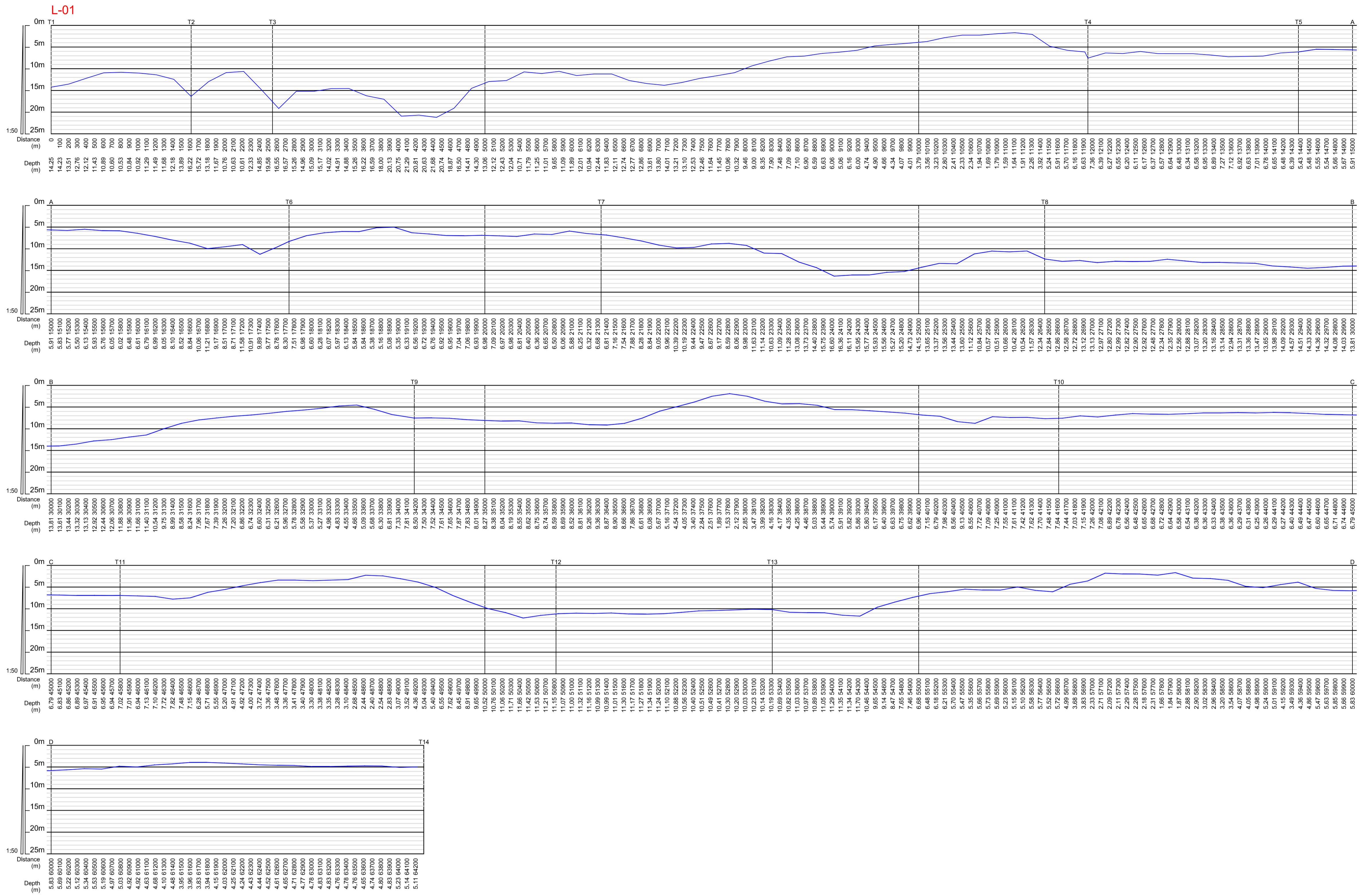
31 Jan 2016

Sheet No.

the longitudinal profile survey line

Scale

1/100,000 (A1 Printing)
1/200,000 (A3 Printing)



L-01	Northing(m)	Easting(m)	Distance(m)
T1	1958,968.56	132,711.18	0
T2	1,857,354.25	192,688.40	1,612
T3	1,856,698.24	193,358.78	2,550
T4	1,854,657.18	202,533.14	11,943
T5	1,852,609.63	203,837.09	14,377
T6	1,849,244.66	203,842.45	17,742
T7	1,845,655.32	204,084.75	21,339
T8	1,842,329.01	207,987.61	28,452
T9	1,834,844.64	206,022.40	34,185
T10	1,827,987.86	208,881.58	41,614
T11	1,824,645.04	211,393.88	45,795
T12	1,822,194.58	215,779.92	50,819
T13	1,820,324.64	217,427.21	53,311
T14	1,809,787.81	214,322.62	64,296



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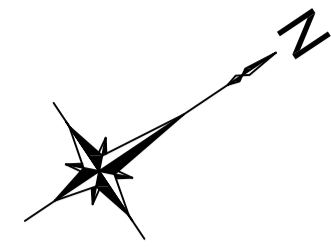
JICA STUDY TEAM
 ORIENTAL CONSULTANTS GLOBAL Co., LTD.
 ASIA AIR SURVEY CO., LTD.
CONTRACTOR
 ARC GEO SUPPORT CO., LTD.

Project Name: **The Data Collection Survey for Improvement of Navigation Channel of Yangon Port**
 Drawing Title: **Longitudinal profile along the Yangon River and the river mouth area of the Yangon River before rainy season**

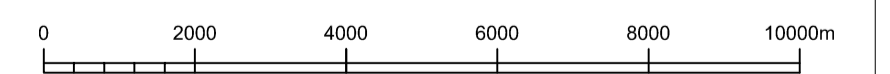
Projection: **UTM Zone 47 N**
 Ellipsoid: **WGS - 84**
 Datum Level: **Chart Datum of Yangon Port**
 Revision: **1.0.0**

Date of Survey: **From 06 May 2015 to 07 Jun 2015**
 Date of Drawing: **03 Aug 2015**
 Sheet No.: **Longitudinal profile**
 Scale: **H=25,000 V=1/500 (A1 Printing)**
H=50,000 V=1/1,000 (A3 Printing)

Before Rainy Season



Transit Line	Northing(m)	Easting(m)	Distance(m)
T1	1 796 151.00	210 363.50	0
T2	1 802 488.00	210 378.50	6 337
T3	1 811 221.72	213 954.46	15 774
T4	1 818 038.25	218 403.06	23 913
T5	1 822 565.57	214 376.55	29 973
T6	1 825 162.64	210 103.93	34 973
T7	1 834 634.82	205 604.91	45 338
T8	1 842 143.96	208 004.53	53 138
T9	1 843 511.06	207 274.68	54 688
T10	1 844 827.75	203 816.88	58 368
T11	1 852 577.66	203 752.01	66 138
T12	1 855 275.93	202 314.45	69 196



MYANMA PORT AUTHORITY (MPA)



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JICA STUDY TEAM



ORIENTAL CONSULTANTS GLOBAL Co., LTD.



ASIA AIR SURVEY Co., LTD.

CONTRACTOR



ARC GEO SUPPORT Co., LTD.

Project Name

The Data Collection Survey for Improvement of Navigation Channel of Yangon Port

Drawing Title

Location map of longitudinal profile survey line along the Transit Line after rainy season

Projection

UTM Zone 47 N

Ellipsoid

WGS - 84

Datum Level

Chart Datum of Yangon Port

Revision

1.0.0

Date of Survey

From 09 Nov 2015 to 09 Dec 2015

Date of Drawing

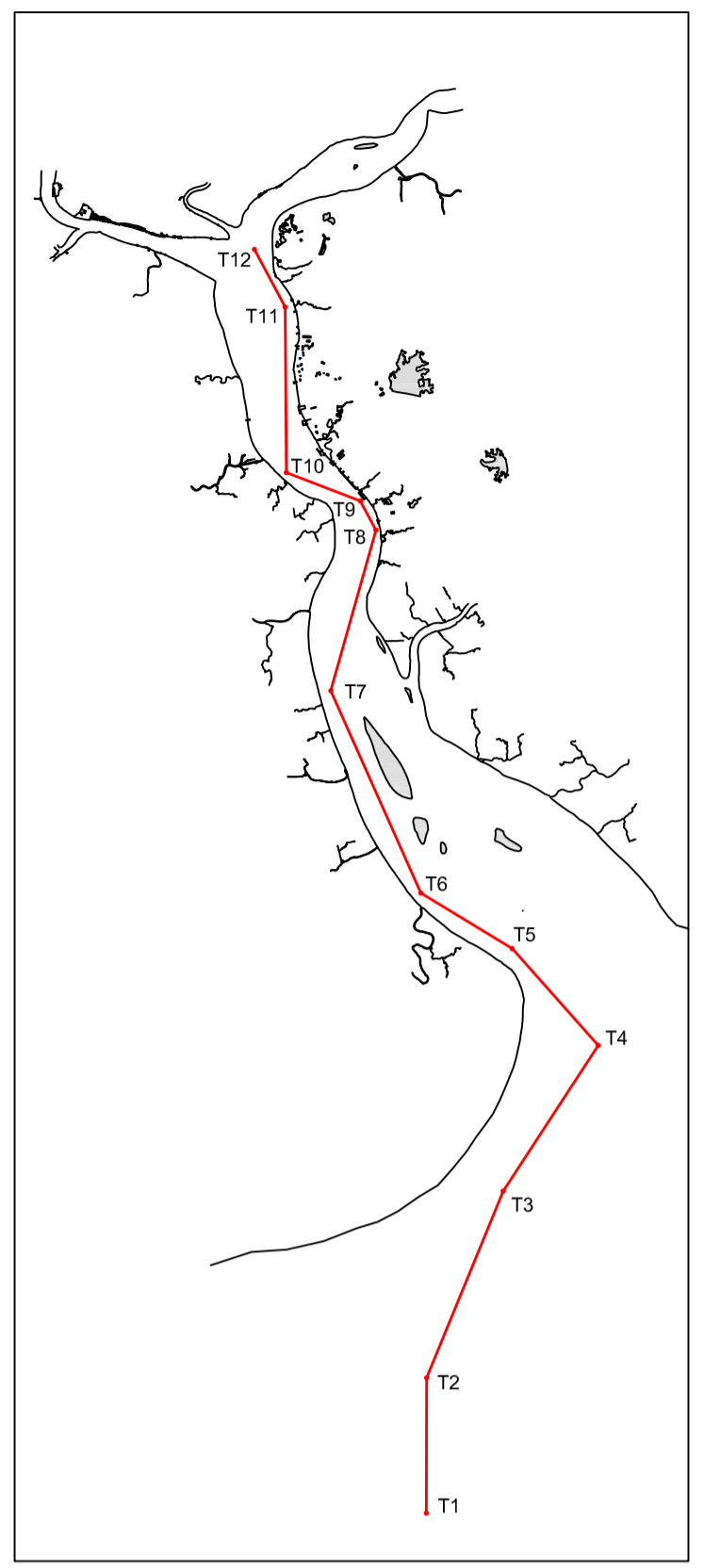
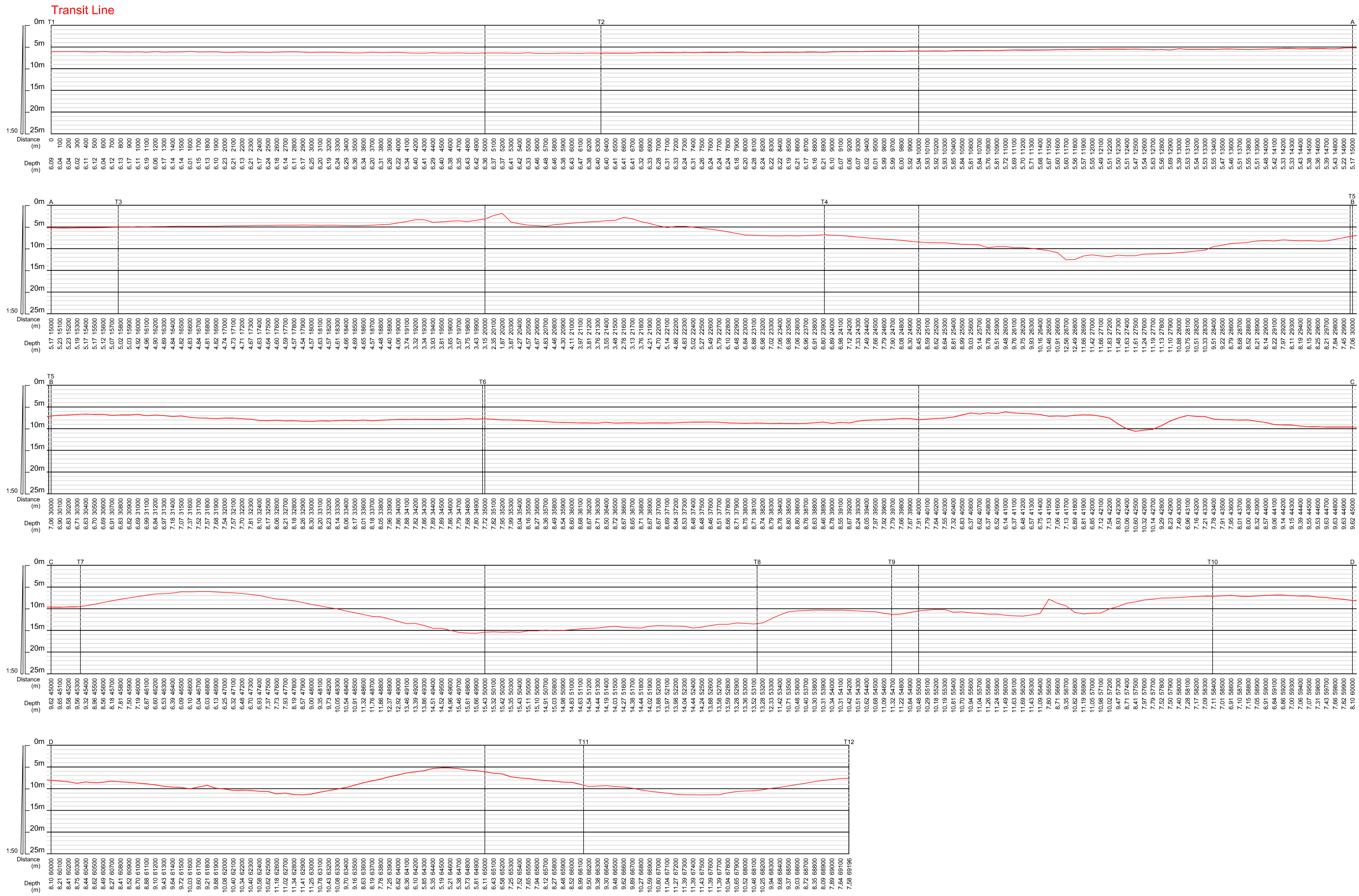
31 Jan 2016

Sheet No.

Navigation channel

Scale

1/100,000 (A1 Printing)
1/200,000 (A3 Printing)



Transit Line	Northing(m)	Easting(m)	Distance(m)
T1	1795.151.00	210.383.50	0
T2	1802.488.00	210.378.50	6.337
T3	1811.221.72	213.954.46	15.774
T4	1818.036.25	218.403.06	23.913
T5	1822.565.57	214.376.55	29.973
T6	1825.162.64	210.103.93	34.973
T7	1834.634.82	205.894.26	45.338
T8	1842.143.98	208.004.53	53.138
T9	1843.511.06	207.274.68	54.688
T10	1844.827.75	203.816.88	58.388
T11	1852.577.68	203.152.01	66.138
T12	1855.275.93	202.314.45	69.198



MYANMA PORT AUTHORITY (MPA)
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

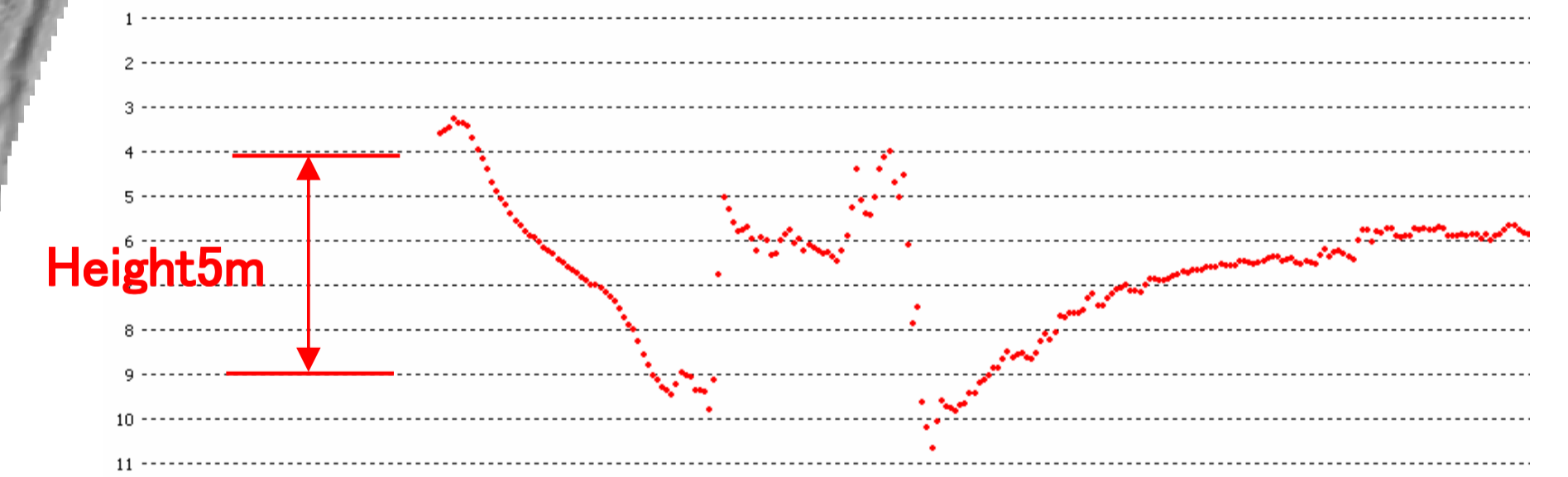
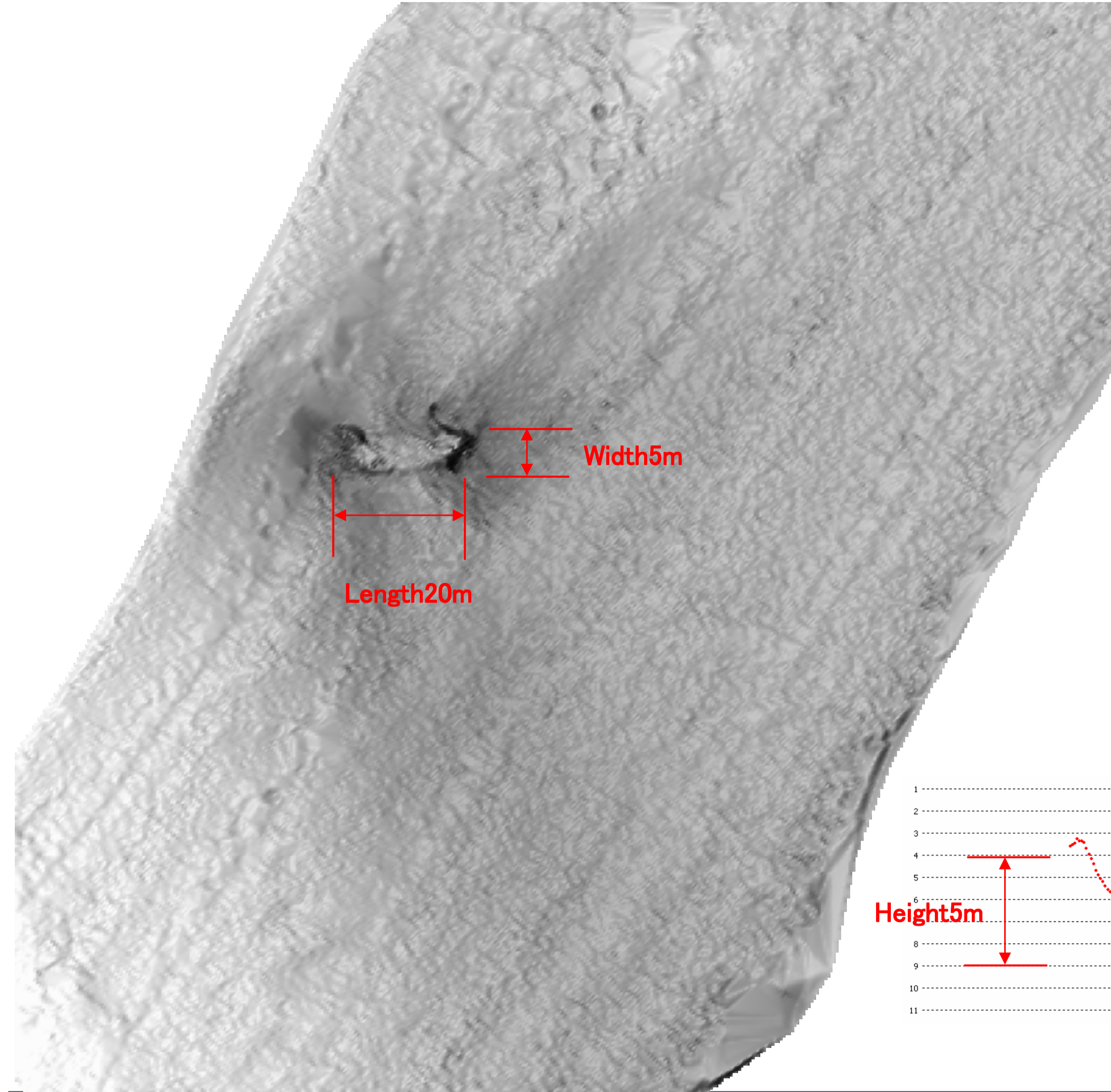
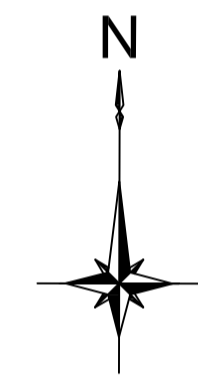
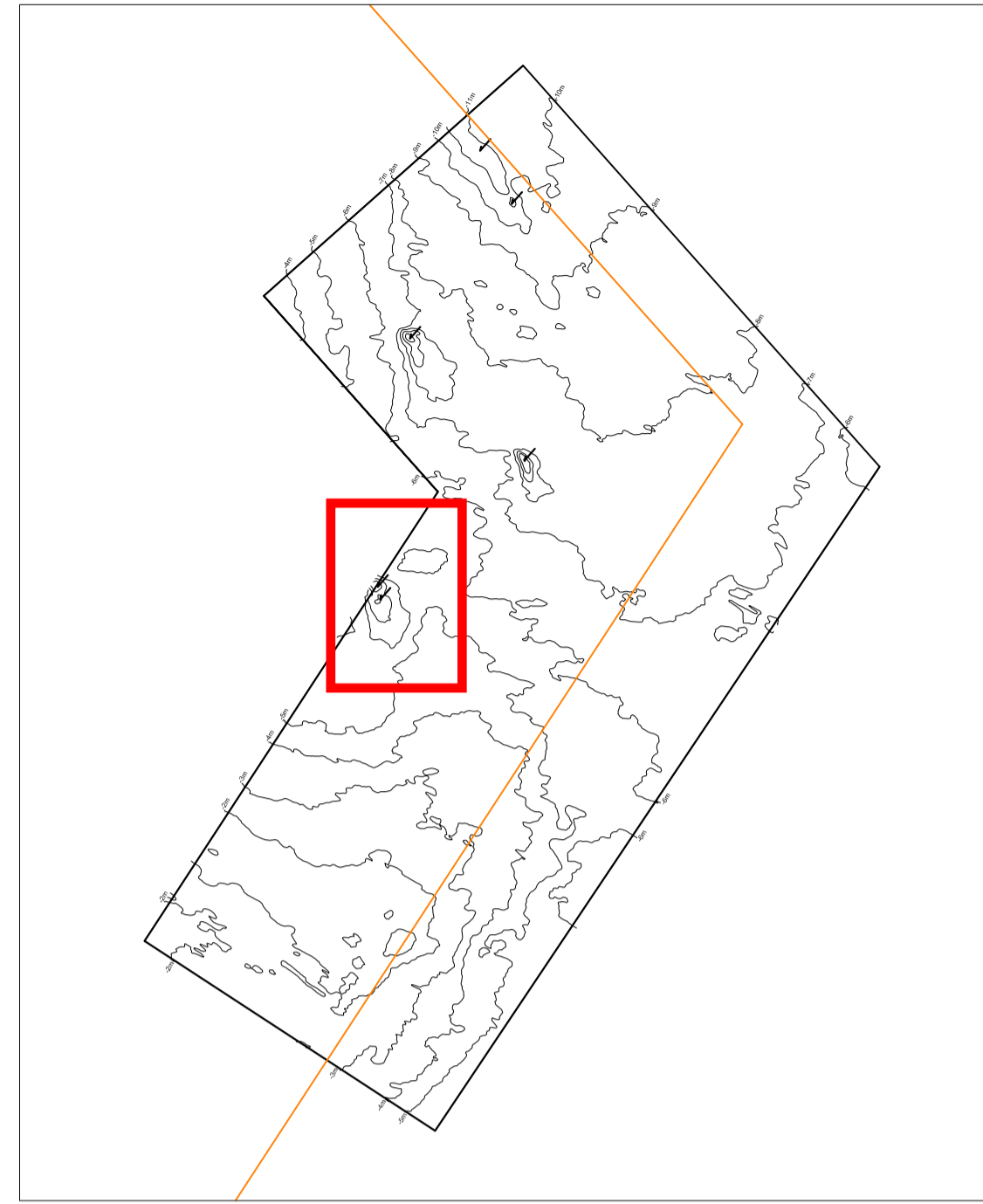
JICA STUDY TEAM
 ORIENTAL CONSULTANTS GLOBAL Co., LTD.
 ASIA AIR SURVEY CO., LTD.
CONTRACTOR
 ARC GEO SUPPORT CO., LTD.

Project Name
 The Data Collection Survey for Improvement of Navigation Channel of Yangon Port
Drawing Title
 Longitudinal profile along the Transit Line after rainy season

Projection
 UTM Zone 47 N
Ellipsoid
 WGS - 84
Datum Level
 Chart Datum of Yangon Port
Revision
 1.0.0

Date of Survey
 From 09 Nov 2015 to 09 Dec 2015
Date of Drawing
 31 Jan 2016
Sheet No.
 Transit Line
Scale
 H=25,000 V=1/500 (A1 Printing)
 H=50,000 V=1/1,000 (A3 Printing)

After Rainy Season



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JICA STUDY TEAM



ORIENTAL CONSULTANTS GLOBAL Co., LTD.



ASIA AIR SURVEY CO., LTD.

CONTRACTOR



ARC GEO SUPPORT CO., LTD.

Project Name

The Data Collection Survey for Improvement of Navigation Channel of Yangon Port

Drawing Title

Bathymetric maps at Elephant Point After rainy season

Projection

UTM Zone 47 N

Ellipsoid

WGS - 84

Datum Level

Chart Datum of Yangon Port

Revision

1.0.0

Date of Survey

From 09 Nov 2015 to 09 Dec 2015

Date of Drawing

31 Jan 2016

Sheet No.

Position of a sunk ship

Scale