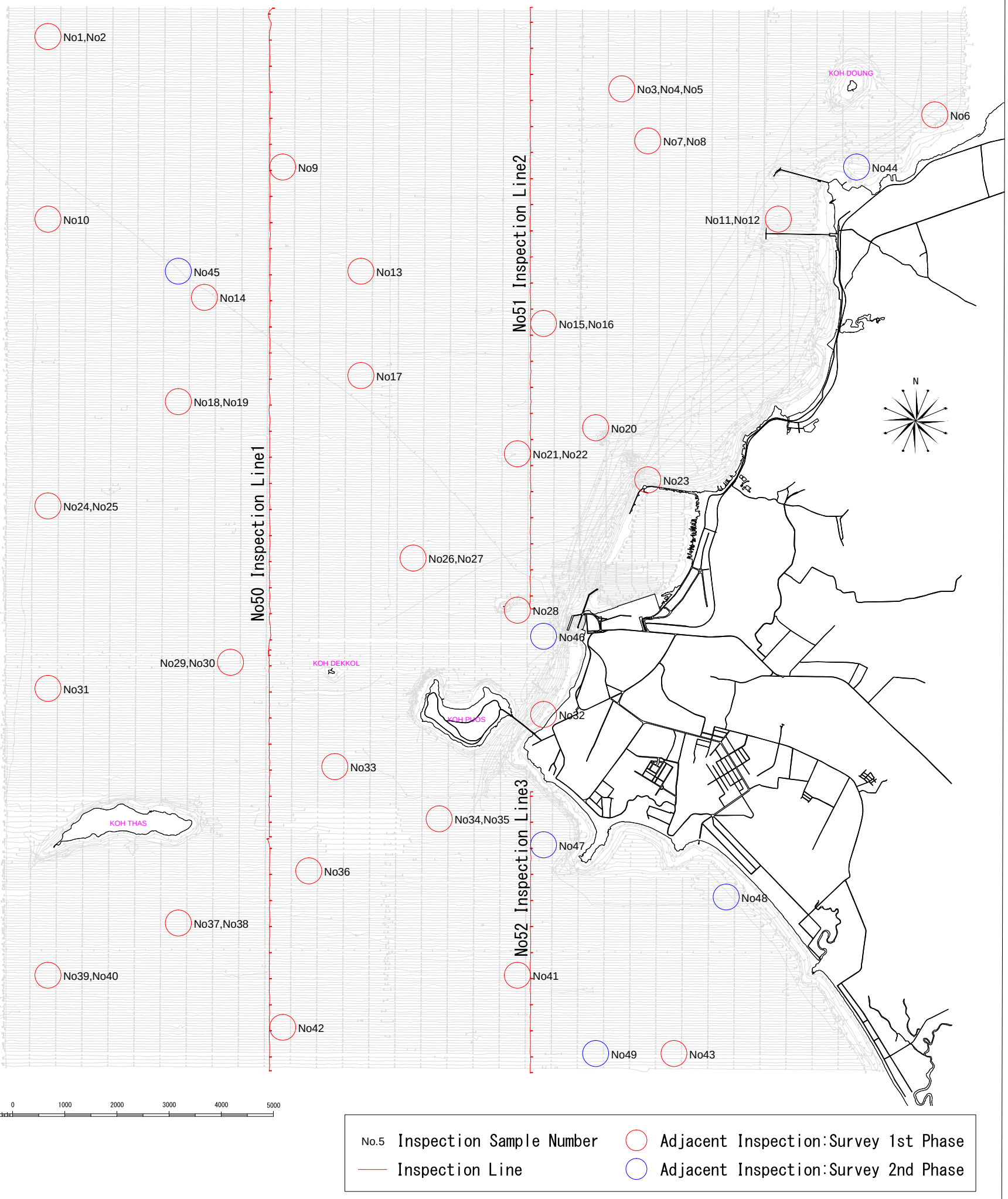
S-44:IHO Standards for Hydrographic Survey
Depth Data Integrity Inspection



S-44 Multi-beam Echosounder Data Inspection

Area : Sihanoukville harbour

Inspection Sample No	Inspection Data		Surveyed Data		Total Number of Sample data	Invalid data		Mean Difference (m)	Result
	Survey Date	File name	Surveyed Date	File name		Number of data	Percentage (%)		
1	20-Feb-14	LAS1_41_0220	7-May-14	LAS1_41_0220	1,006	0	0.00	0.03	Valid
2	26-Feb-14	LAS1_41_0226	8-May-14	LAS1_41_0226	574	0	0.00	0.01	Valid
3	19-Feb-14	LAS1_139_0219	6-May-14	LAS1_139_0219	897	0	0.00	0.02	Valid
4	27-Feb-14	LAS1_139_0227	6-May-14	LAS1_139_0227	383	0	0.00	0.07	Valid
5	24-Mar-14	LAS1_139_0324	6-May-14	LAS1_139_0324	513	0	0.00	0.00	Valid
6	20-Feb-14	LAS1_189_0220	12-Mar-14	LAS1_189_0220	7	0	0.00	-0.01	Valid
7	18-Feb-14	LAS1_216_0218	2-May-14	LAS1_216_0218	1,079	0	0.00	0.05	Valid
8	22-Mar-14	LAS1_216_0322	5-May-14	LAS1_216_0322	231	0	0.00	0.03	Valid
9	28-Feb-14	LAS1_239_0228	30-Apr-14	LAS1_239_0228	635	0	0.00	0.08	Valid
10	14-Feb-14	LAS1_299_0214	28-Apr-14	LAS1_299_0214	1,401	0	0.00	0.01	Valid
11	20-Feb-14	LAS1_327_0220	28-Apr-14	LAS1_327_0220	101	0	0.00	0.08	Valid
12	28-Apr-14	LAS1_327_0428	10-Mar-14	LAS1_327_0428	2	0	0.00	-0.03	Valid
13	14-Feb-14	LAS1_377_0214	25-Apr-14	LAS1_377_0214	1,097	0	0.00	0.00	Valid
14	12-Feb-14	LAS1_404_0212	24-Apr-14	LAS1_404_0212	491	0	0.00	-0.01	Valid
15	10-Feb-14	LAS1_450_0210	23-Apr-14	LAS1_450_0210	1,276	0	0.00	0.01	Valid
16	3-Mar-14	LAS1_450_0303	23-Apr-14	LAS1_450_0303	802	0	0.00	0.01	Valid
17	7-Feb-14	LAS1_509_0207	22-Apr-14	LAS1_509_0207	1,500	0	0.00	-0.05	Valid
18	7-Feb-14	LAS1_535_0207	21-Apr-14	LAS1_535_0207	1,564	0	0.00	0.04	Valid
19	18-Mar-14	LAS1_535_0318	21-Apr-14	LAS1_535_0421	1,519	0	0.00	0.04	Valid
20	6-Feb-14	LAS1_583_0206	11-Mar-14	LAS1_583_0206	42	0	0.00	-0.08	Valid
21	6-Feb-14	LAS1_610_0206	25-Mar-14	LAS1_610_0325	468	0	0.00	0.00	Valid
22	19-Mar-14	LAS1_610_0319	25-Mar-14	LAS1_610_0319	396	0	0.00	0.02	Valid
23	10-Mar-14	LAS1_645_SB0310	22-Apr-14	LAS1_645_SB0310	1	0	0.00	-0.01	Valid
24	5-Feb-14	LAS1_651_0205	4-Apr-14	LAS1_651_0205	1,182	0	0.00	0.04	Valid
25	19-Mar-14	LAS1_651_0319	4-Apr-14	LAS1_651_0319	890	0	0.00	0.08	Valid
26	4-Feb-14	LAS1_720_0204	1-Apr-14	LAS1_720_0204	390	0	0.00	0.01	Valid
27	20-Mar-14	LAS1_720_0320	3-Apr-14	LAS1_720_0403	55	0	0.00	0.04	Valid
28	15-Feb-14	LAS1_778_0215	1-Apr-14	LAS1_778_SB0401	53	2	3.77	0.10	Valid
29	3-Feb-14	LAS1_817_0203	28-Mar-14	LAS1_817_0328	218	0	0.00	-0.07	Valid
30	3-Feb-14	LAS1_817_0203	31-Mar-14	LAS1_817_0331	3,006	0	0.00	0.06	Valid
31	17-Mar-14	LAS1_833_0317	29-Mar-14	LAS1_833_0329	1,029	0	0.00	0.05	Valid
32	13-Mar-14	LAS1_874_SB0313	2-Apr-14	LAS1_874_SB0402	24	0	0.00	0.05	Valid
33	11-Feb-14	LAS1_911_0211	2-Apr-14	LAS1_911_0211	3,631	0	0.00	0.03	Valid
34	21-Mar-14	LAS1_958_0321	7-Apr-14	LAS1_958_0407	207	0	0.00	0.02	Valid
35	21-Mar-14	LAS1_958_0321	7-Apr-14	LAS1_958_0407	207	0	0.00	0.02	Valid
36	26-Mar-14	LAS1_1008_0326	8-Apr-14	LAS1_1008_0408	2,428	0	0.00	-0.03	Valid
37	21-Mar-14	LAS1_1064_0221	17-Apr-14	LAS1_1064_0417	57	0	0.00	-0.02	Valid
38	21-Mar-14	LAS1_1064_0221	18-Apr-14	LAS1_1064_0418	43	0	0.00	-0.15	Valid
39	4-Mar-14	LAS1_1122_0304	11-Apr-14	LAS1_1122_0304	3,311	0	0.00	-0.03	Valid
40	27-Mar-14	LAS1_1122_0327	11-Apr-14	LAS1_1122_0411	1,794	0	0.00	0.03	Valid
41	25-Feb-14	LAS1_1140_0225	11-Apr-14	LAS1_1140_0225	1,457	0	0.00	-0.02	Valid
42	27-Mar-14	LAS1_1198_0327	10-Apr-14	LAS1_1198_0410	458	0	0.00	0.01	Valid

S-44 Multi-beam Echosounder Data Inspection

Area : Sihanoukville harbour

Inspection Sample No	Inspection Data		Surveyed Data		Total Number of Sample data	Invalid data		Mean Difference (m)	Result
	Survey Date	File name	Surveyed Date	File name		Number of data	Percentage(%)		
43	24-Feb-14	LAS1_1247_0224	9-Apr-14	LAS1_1247_0409	49	0	0.00	-0.03	Valid
44	25-Nov-14	LAS2_261_1125	5-Dec-14	LAS2_261_1205	213	0	0.00	-0.03	Valid
45	24-Nov-14	LAS2_370_1124	29-Nov-14	LAS2_370_1129	572	0	0.00	-0.05	Valid
46	26-Nov-14	LAS2_805_1126	27-Nov-14	LAS2_805_1126	595	0	0.00	0.04	Valid
47	15-Dec-14	LAS2_988_1215	16-Dec-14	LAS2_988_1216	587	0	0.00	0.00	Valid
48	20-Nov-14	LAS2_1054_1120	16-Dec-14	LAS2_1054_1120	193	0	0.00	0.08	Valid
49	19-Nov-14	LAS2_1244_1119	21-Nov-14	LAS2_1244_1121	447	0	0.00	-0.03	Valid
50	15-Dec-14	Inspection Line1	Multi-days	Multi-files	62,248	0	0.00	0.02	Valid
51	15-Dec-14	Inspection Line2	Multi-days	Multi-files	27,440	0	0.00	0.03	Valid
52	15-Dec-14	Inspection Line3	Multi-days	Multi-files	12,190	0	0.00	0.00	Valid

<Inspection Method>

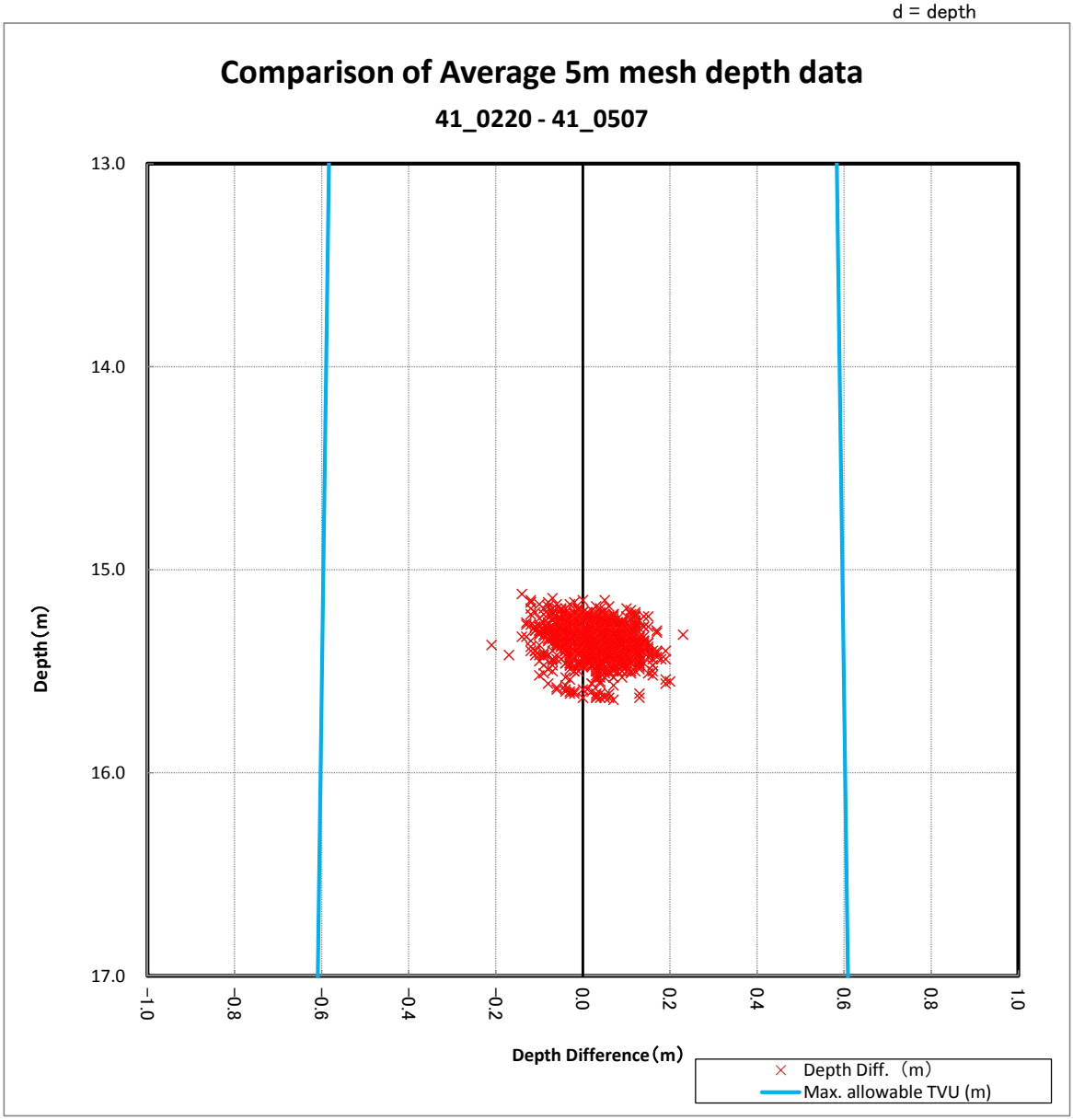
Comparing Post-processed average 5x5m mesh data of 2 survey line data which intersected and adjencted line, in the same position and compare the de

Multi-beam Echosounder Data Inspection

No.1

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_41_0220
LAS1_41_0507
Number of data 1,006

Number of valid data: 1,006
Number of invalid data: 0
Mean Difference: 0.03 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

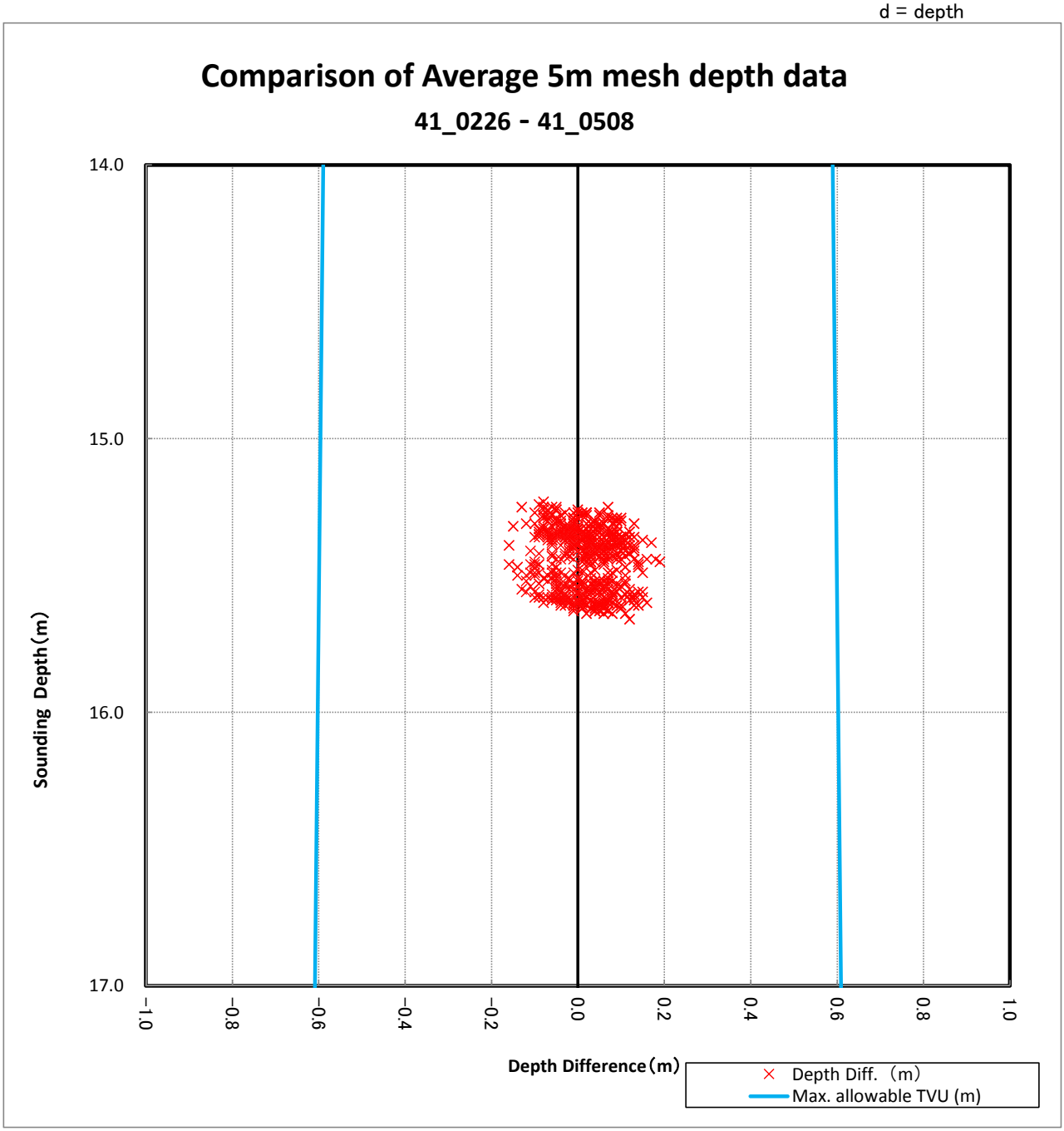


Multi-beam Echosounder Data Inspection

No.2

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_41_0226
LAS1_41_0508
Number of data 574

Number of valid data: 574
Number of invalid data: 0
Mean Difference: 0.01 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

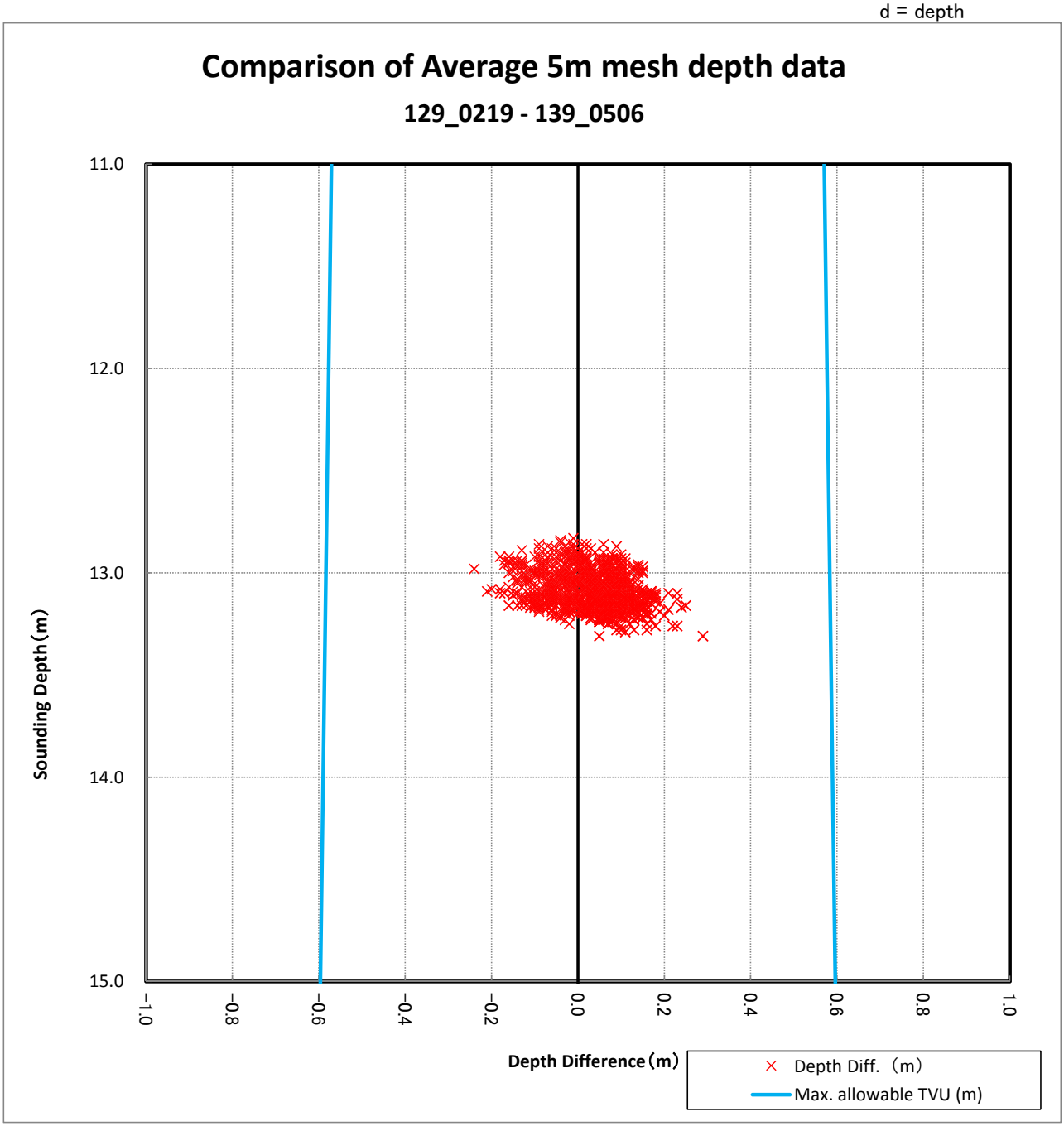


Multi-beam Echosounder Data Inspection

No.3

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_139_0219
LAS1_139_0506
Number of data 897

Number of valid data: 897
Number of invalid data: 0
Mean Difference: 0.02 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

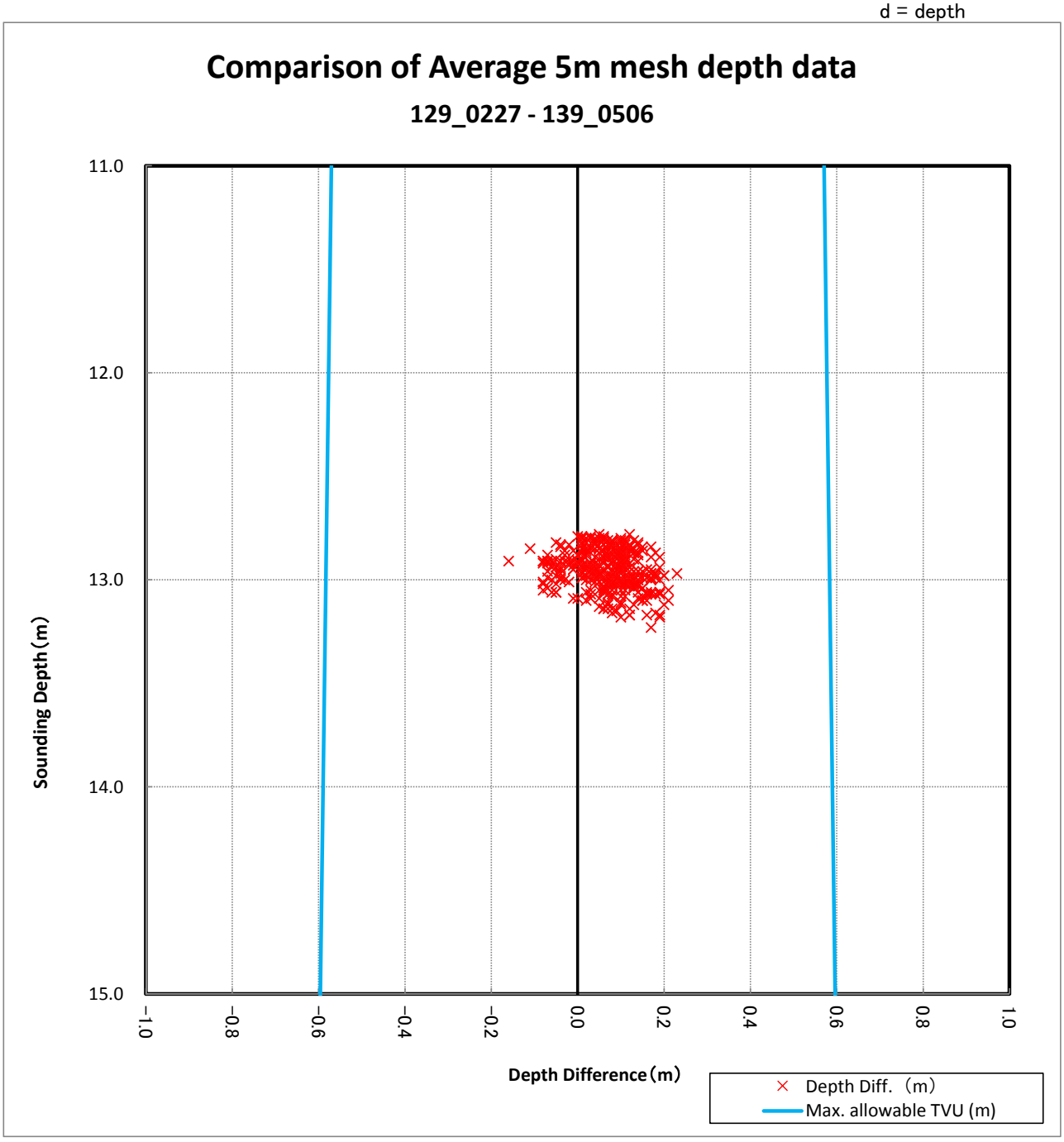


Multi-beam Echosounder Data Inspection

No.4

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_139_0227
LAS1_139_0506
Number of data 383

Number of valid data: 383
Number of invalid data: 0
Mean Difference: 0.07 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

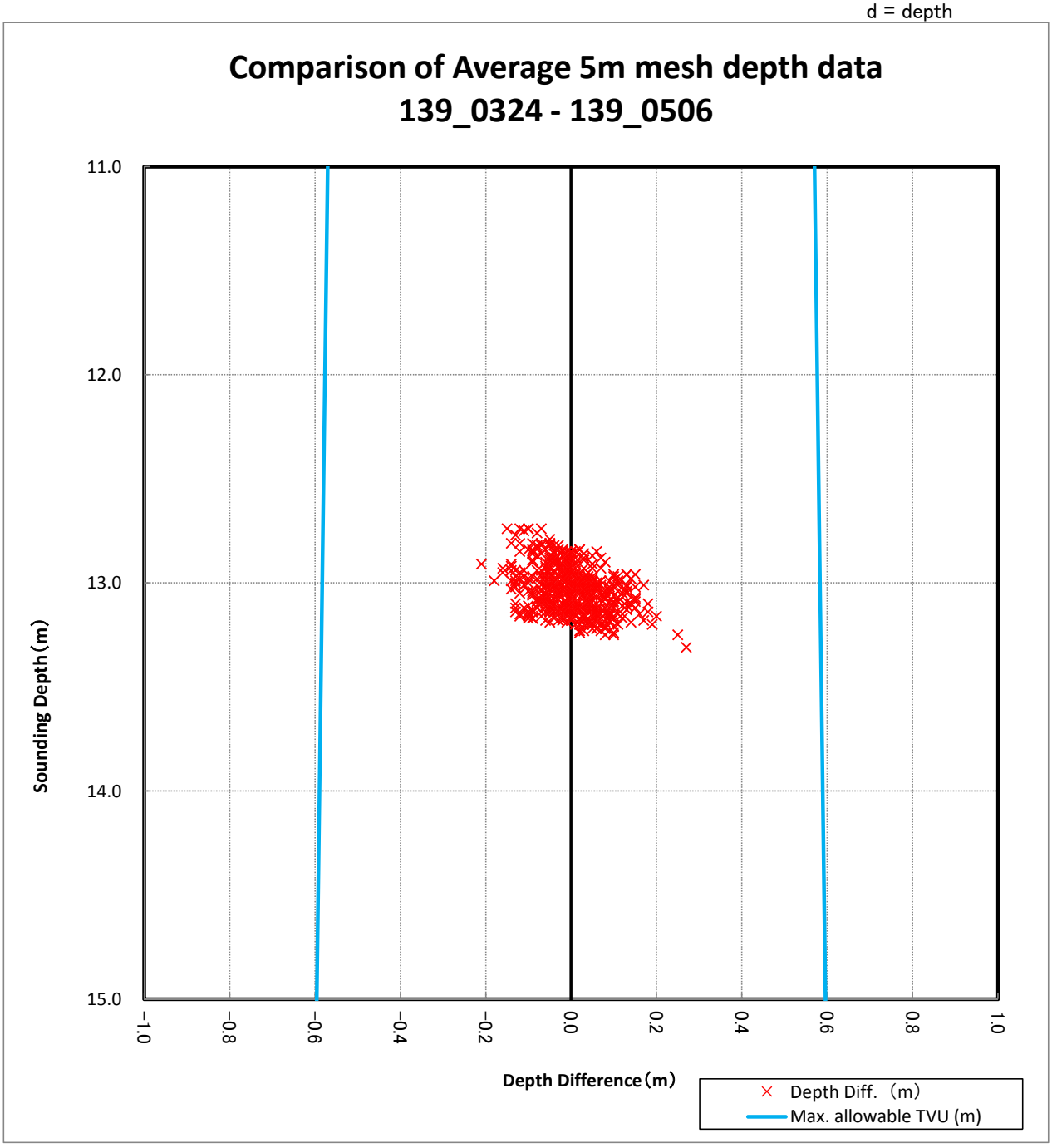


Multi-beam Echosounder Data Inspection

No.5

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_139_0324
LAS1_139_0506
Number of data 513

Number of valid data: 513
Number of invalid data: 0
Mean Difference: 0.00 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

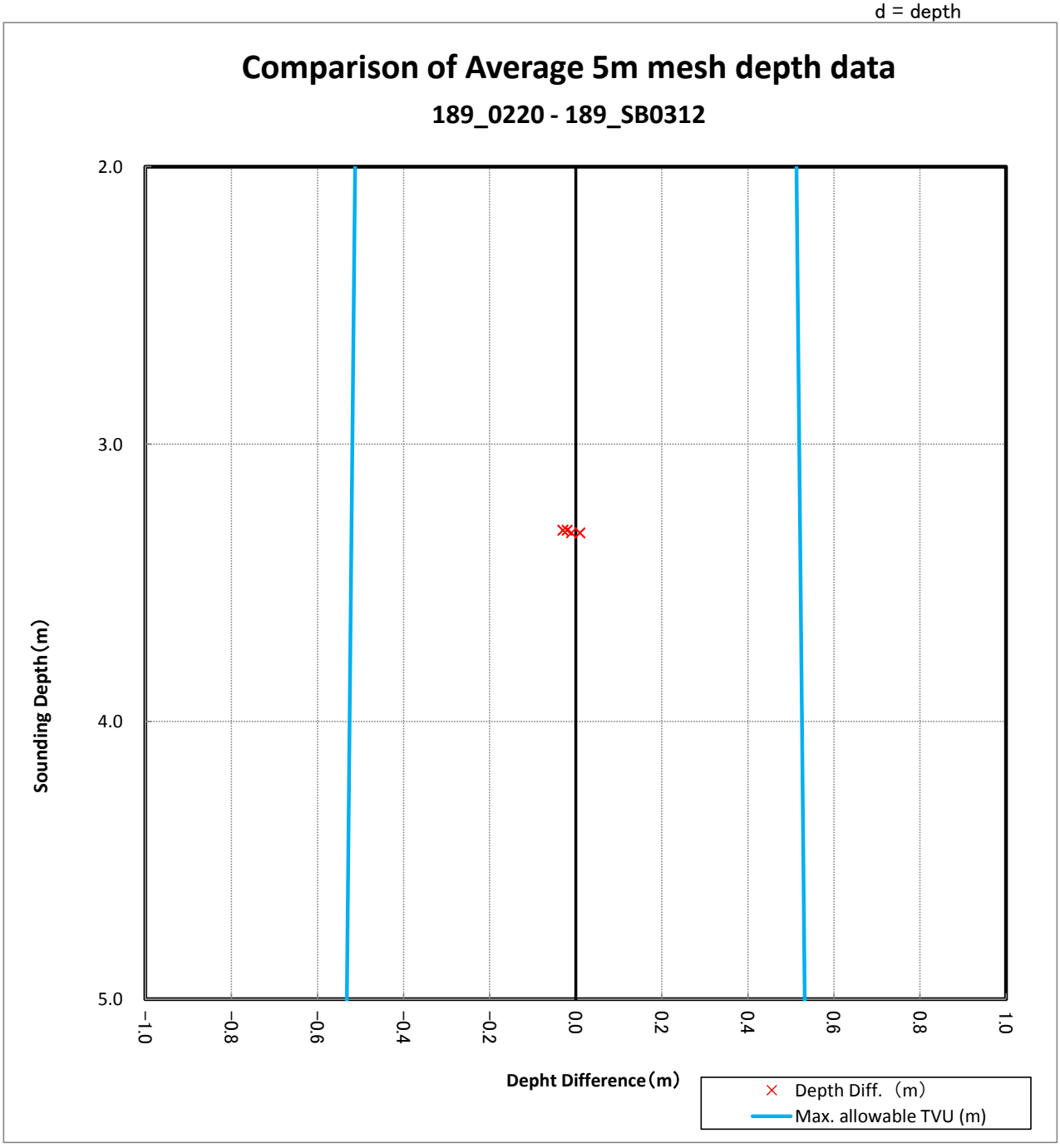


Multi-beam Echosounder Data Inspection

No.6

Area: Sihanoukville harbour
Order: 1b
Survey Line: LAS1_189_0220
LAS1_189_SB0312
Number of data 7

Number of valid data: 7
Number of invalid data: 0
Mean Difference: −0.01 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

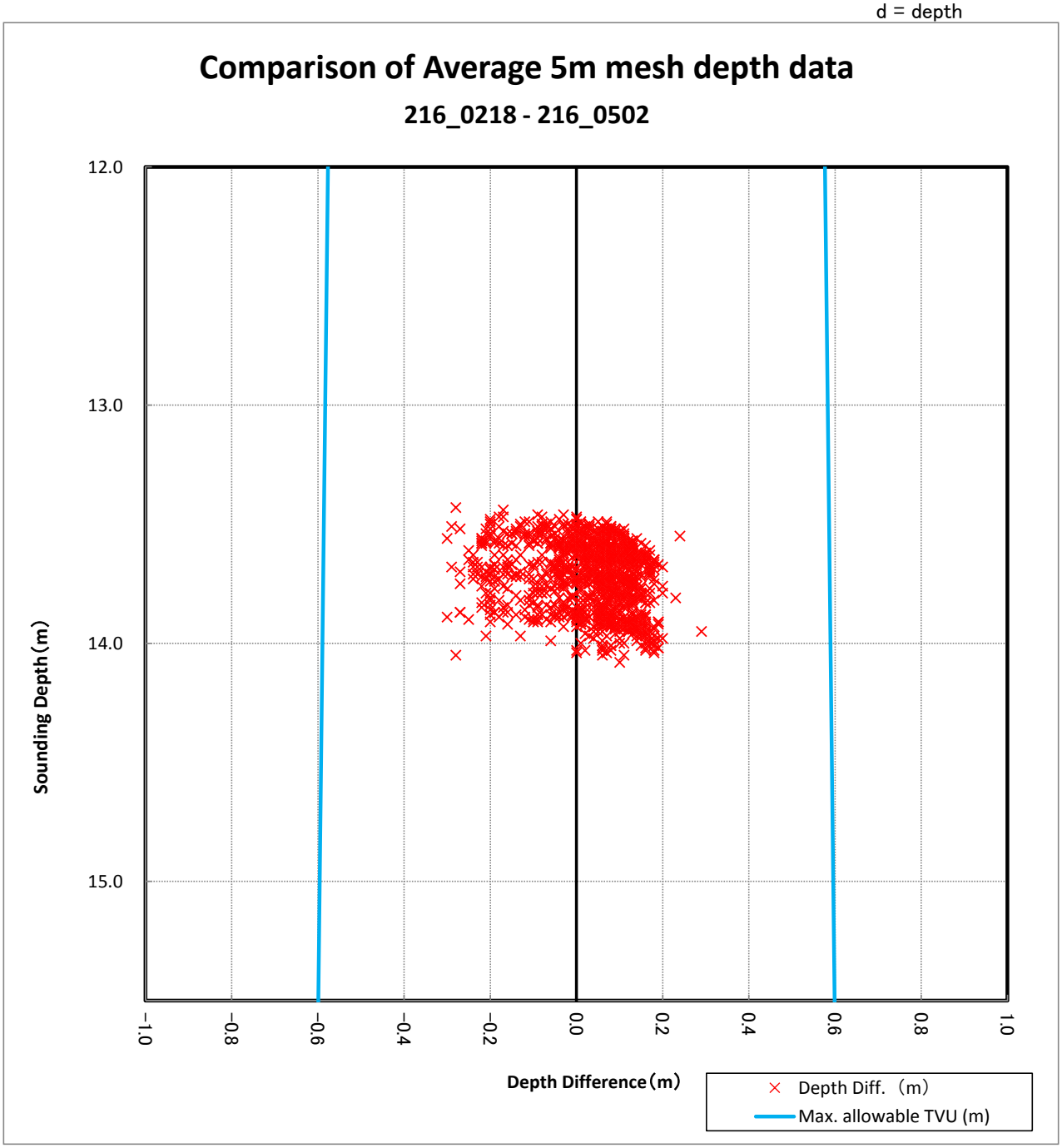


Multi-beam Echosounder Data Inspection

No.7

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_216_0218
LAS1_216_0502
Number of data 1,079

Number of valid data: 1,079
Number of invalid data: 0
Mean Difference: 0.03 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

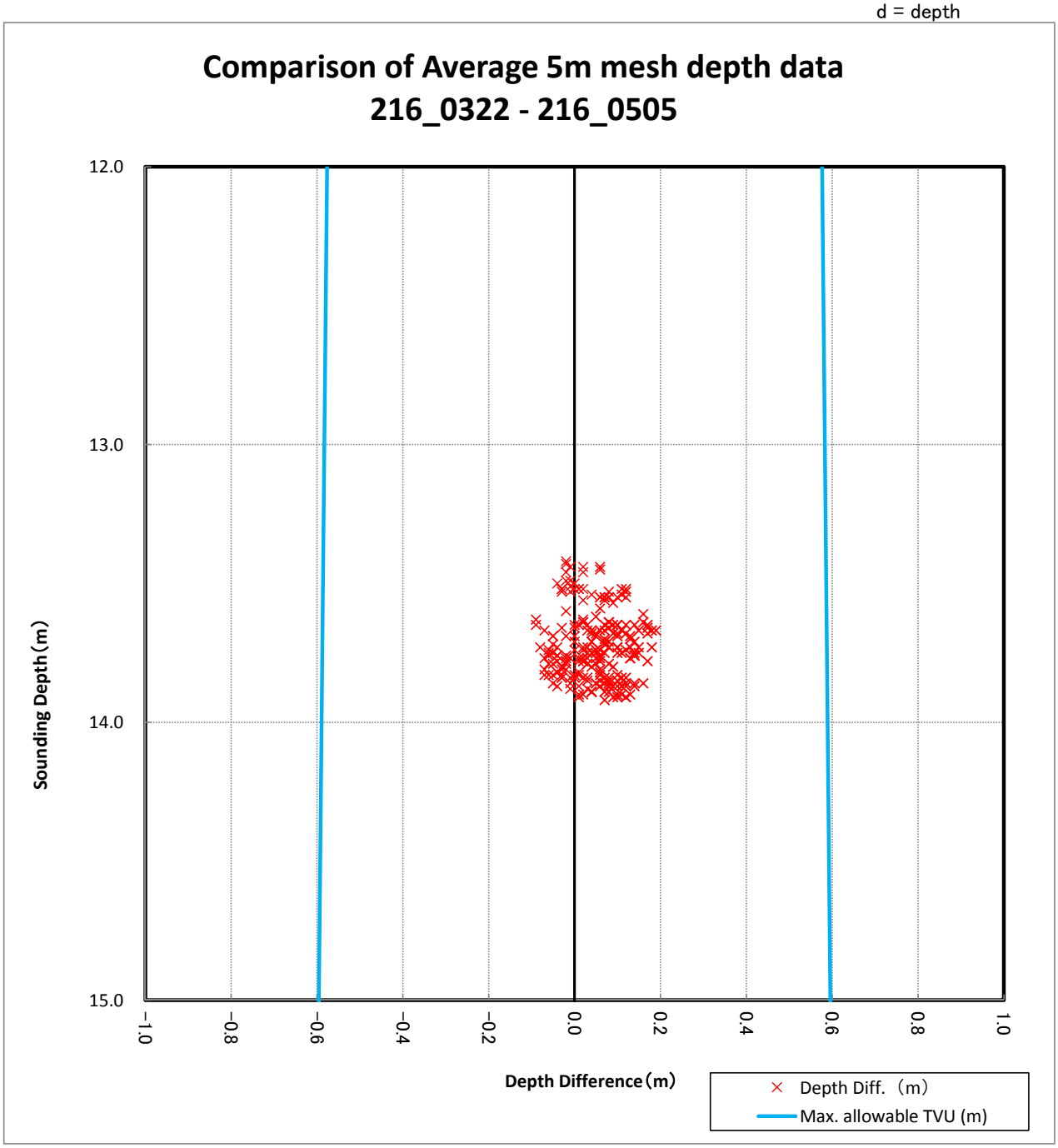


Multi-beam Echosounder Data Inspection

No.8

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_216_0322
LAS1_216_0505
Number of data 231

Number of valid data: 232
Number of invalid data: 0
Mean Difference: 0.05 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

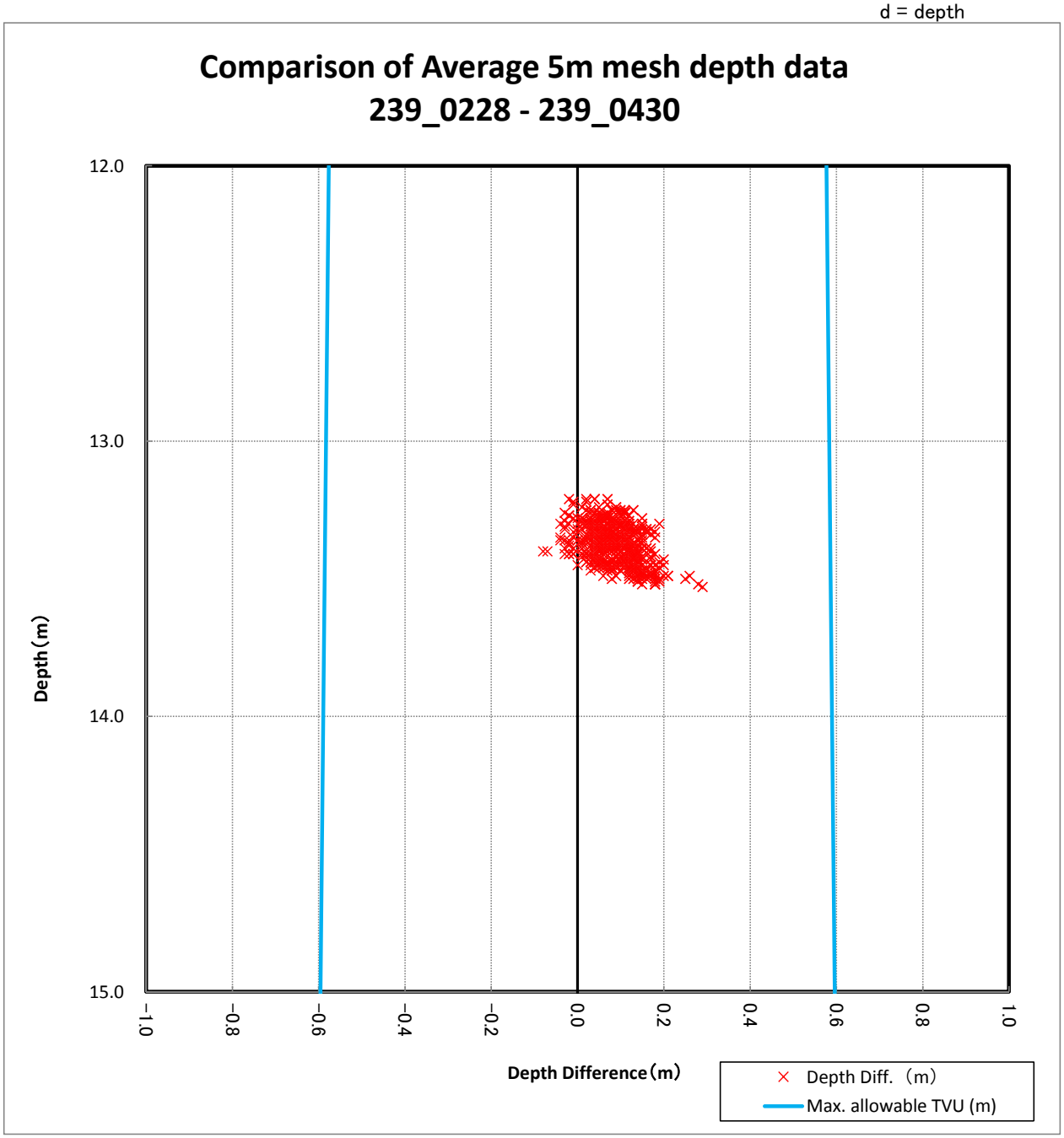


Multi-beam Echosounder Data Inspection

No.9

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_239_0228
LAS1_239_0430
Number of data 635

Number of valid data: 635
Number of invalid data: 0
Mean Difference: 0.08 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

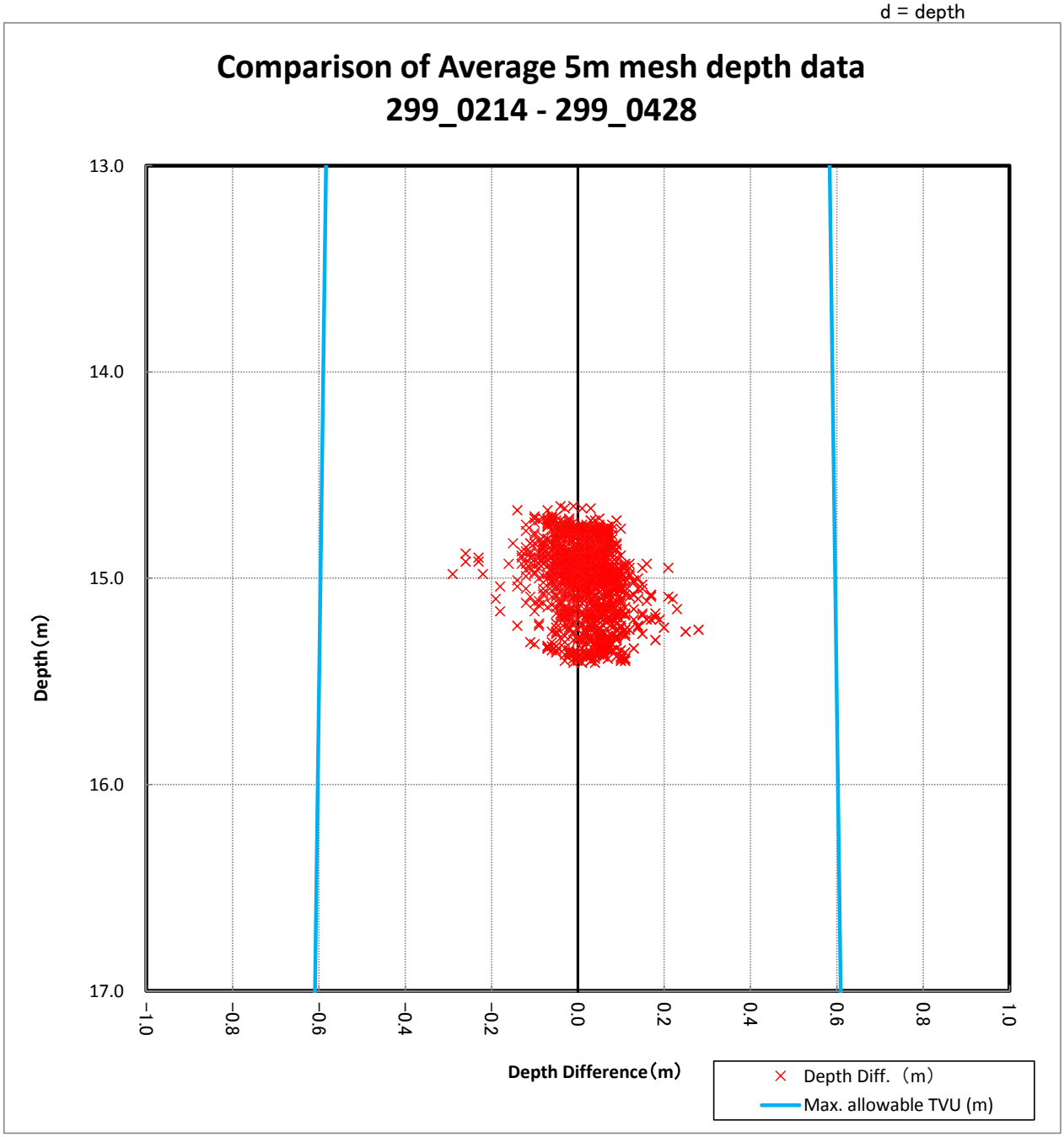


Multi-beam Echosounder Data Inspection

No.10

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_299_0214
LAS1_299_0428
Number of data 1,401

Number of valid data: 1,401
Number of invalid data: 0
Mean Difference: 0.01 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

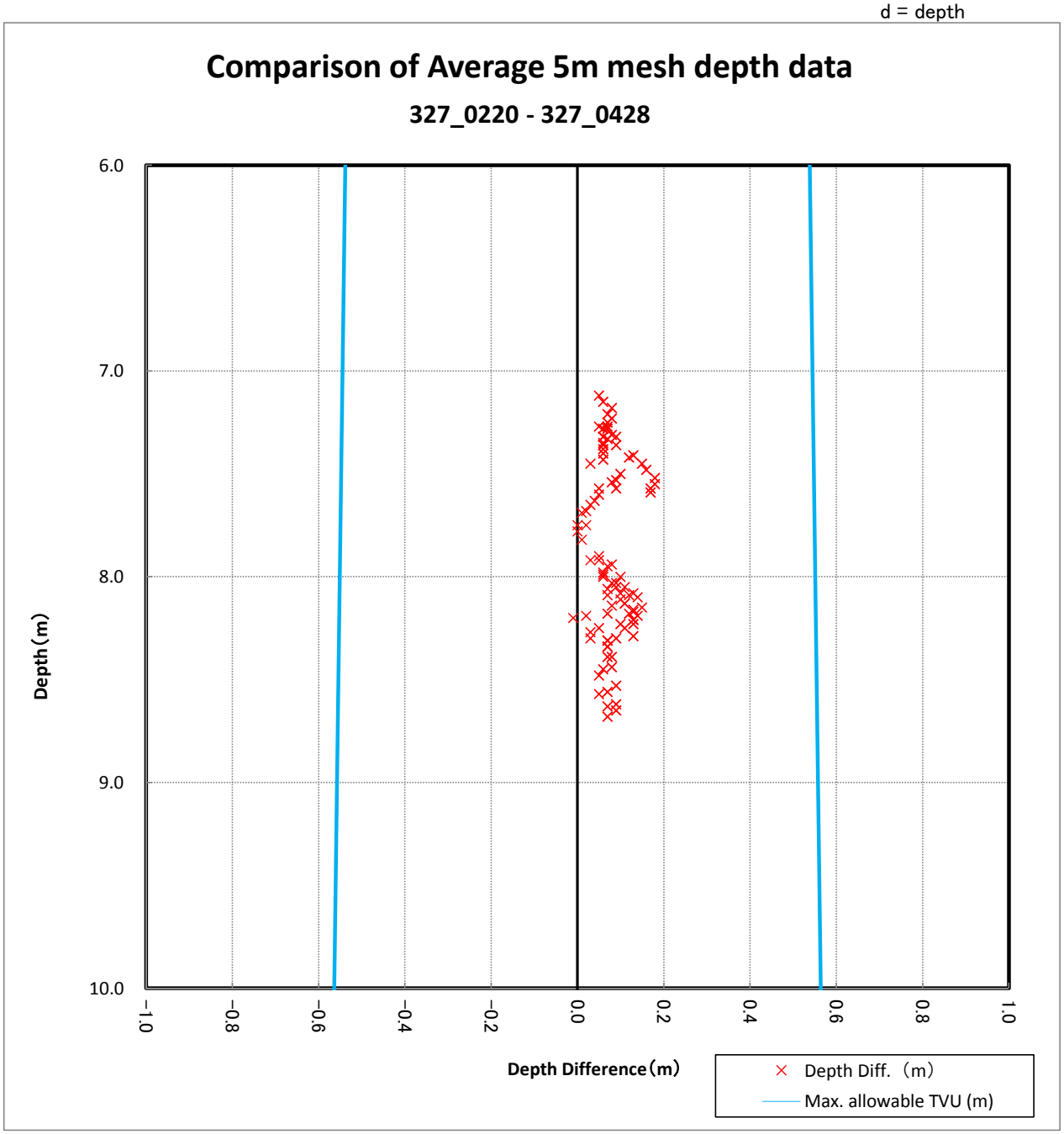


Multi-beam Echosounder Data Inspection

No.11

Area: Sihanoukville harbour
Order: 1b
Survey Line: LAS1_327_0220
LAS1_327_0428
Number of data 101

Number of valid data: 101
Number of invalid data: 0
Mean Difference: 0.08 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

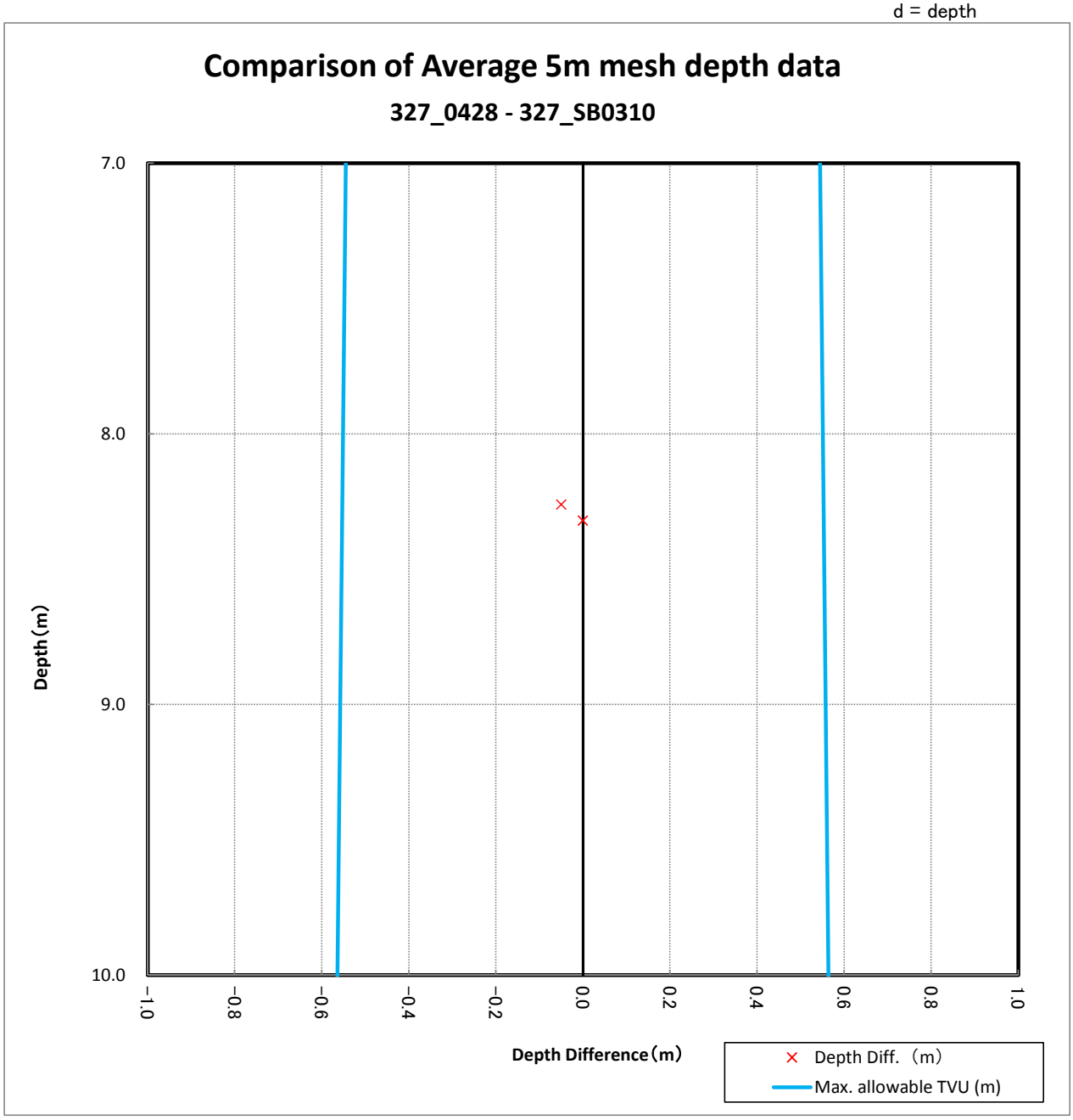


Multi-beam Echosounder Data Inspection

No.12

Area: Sihanoukville harbour
Order: 1b
Survey Line: LAS1_327_0428
LAS1_327_SB0310
Number of data 2

Number of valid data: 2
Number of invalid data: 0
Mean Difference: -0.03 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

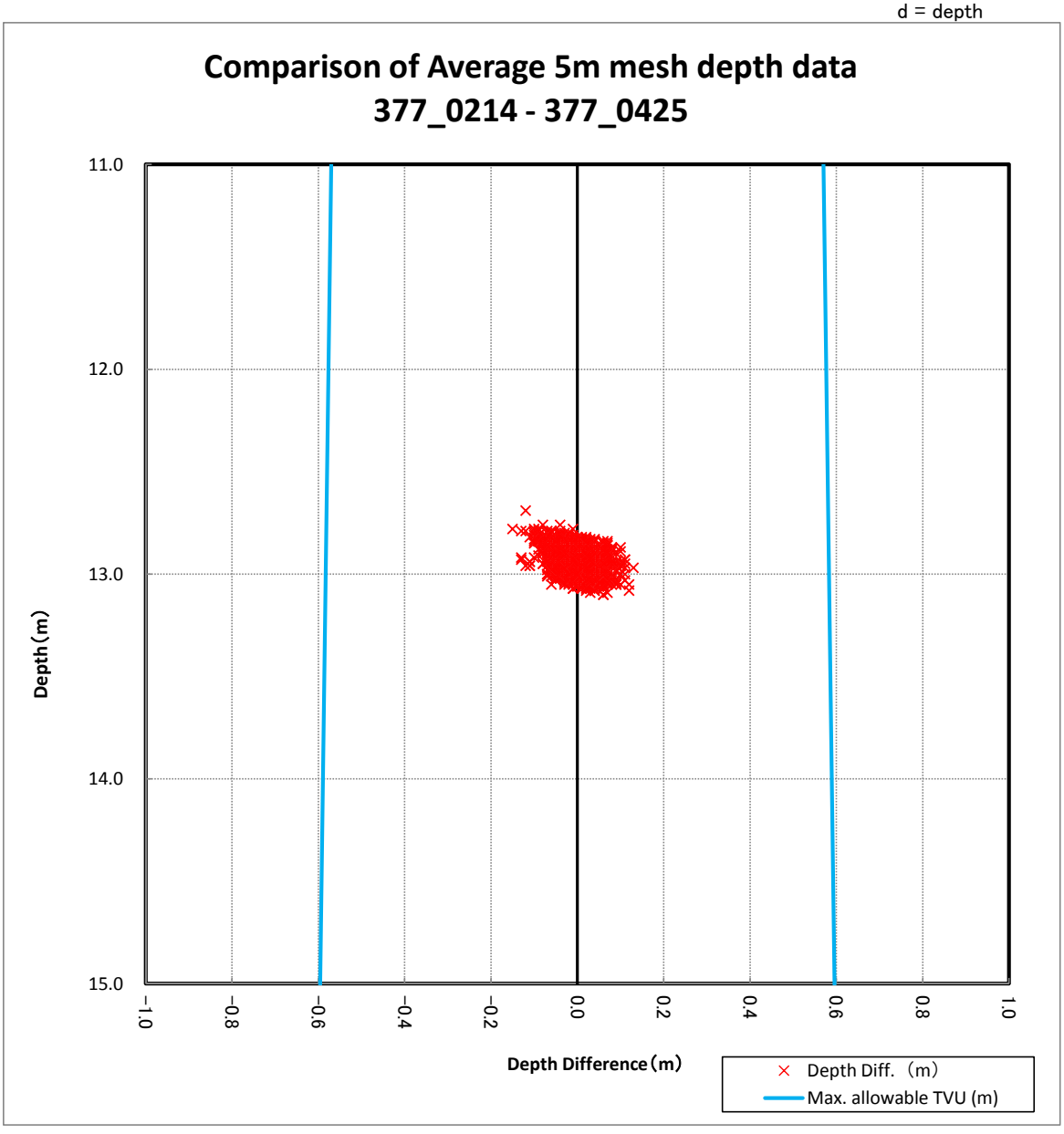


Multi-beam Echosounder Data Inspection

No.13

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_377_0214
LAS1_377_0425
Number of data 1,097

Number of valid data: 1,097
Number of invalid data: 0
Mean Difference: 0.00 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

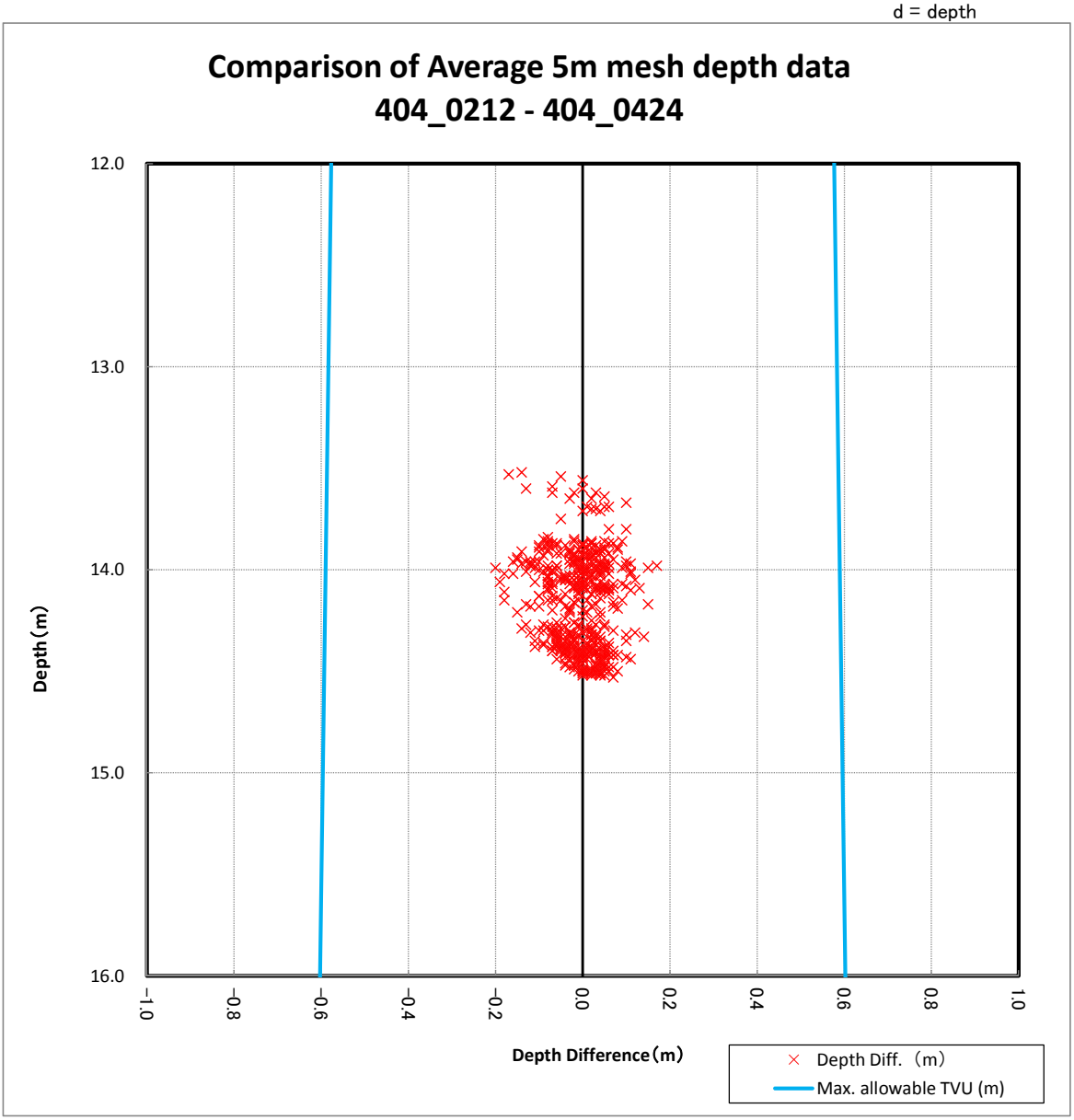


Multi-beam Echosounder Data Inspection

No.14

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_404_0212
LAS1_404_0424
Number of data 491

Number of valid data: 491
Number of invalid data: 0
Mean Difference: −0.01 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

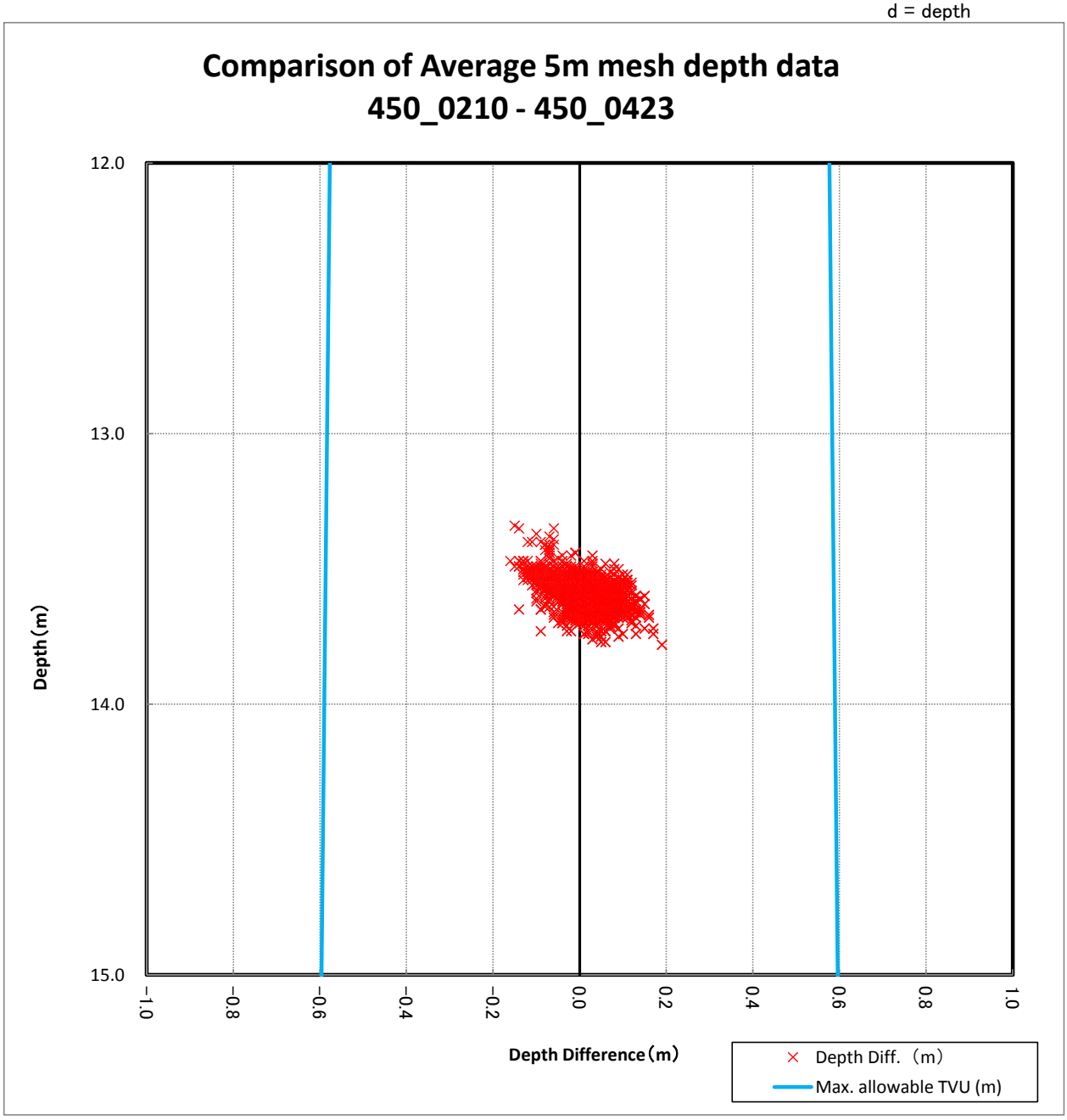


Multi-beam Echosounder Data Inspection

No.15

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_450_0210
LAS1_450_0423
Number of data 1,276

Number of valid data: 1,276
Number of invalid data: 0
Mean Difference: 0.01 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

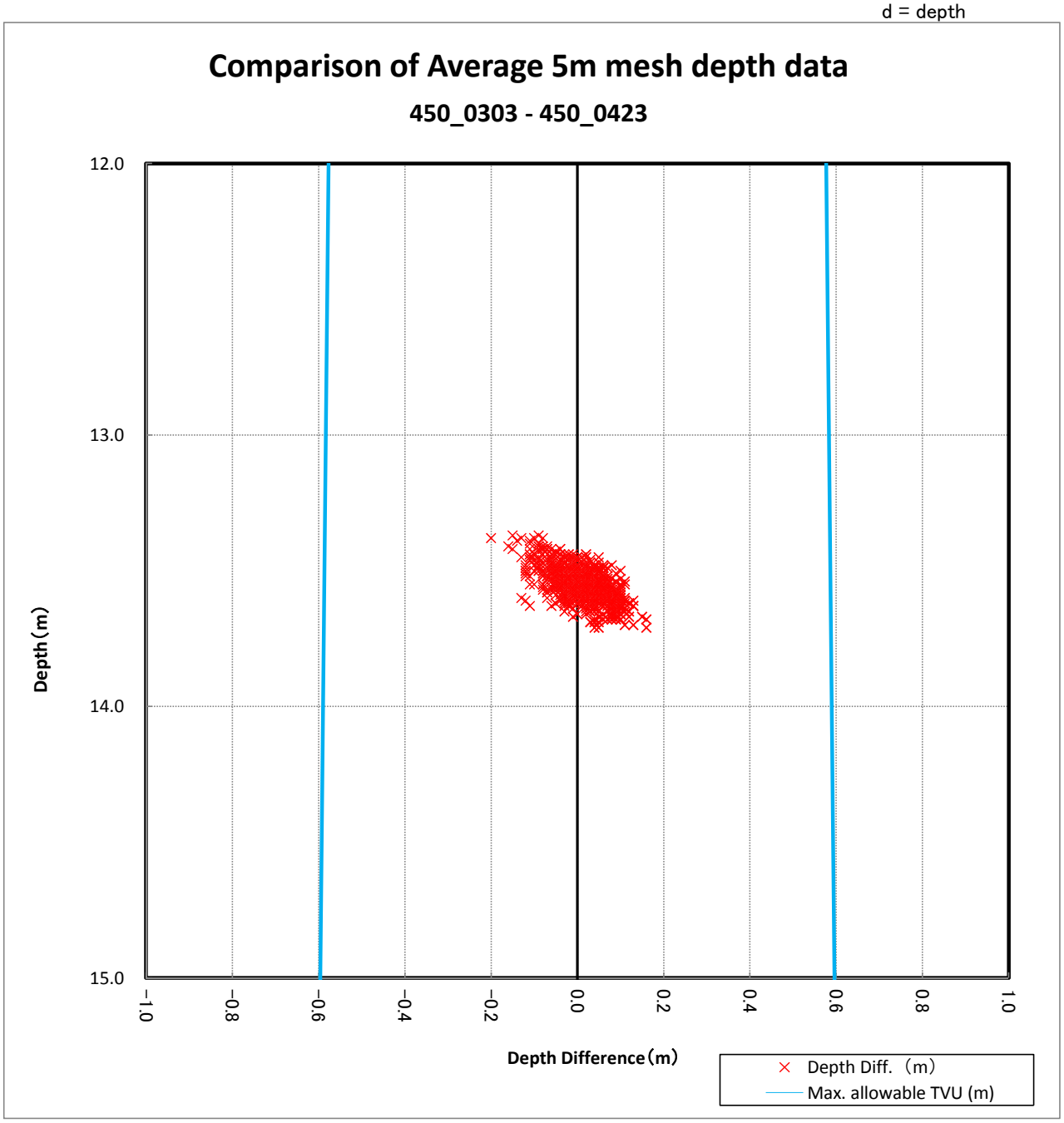


Multi-beam Echosounder Data Inspection

No.16

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_450_0303
LAS1_450_0423
Number of data 802

Number of valid data: 802
Number of invalid data: 0
Mean Difference: 0.01 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

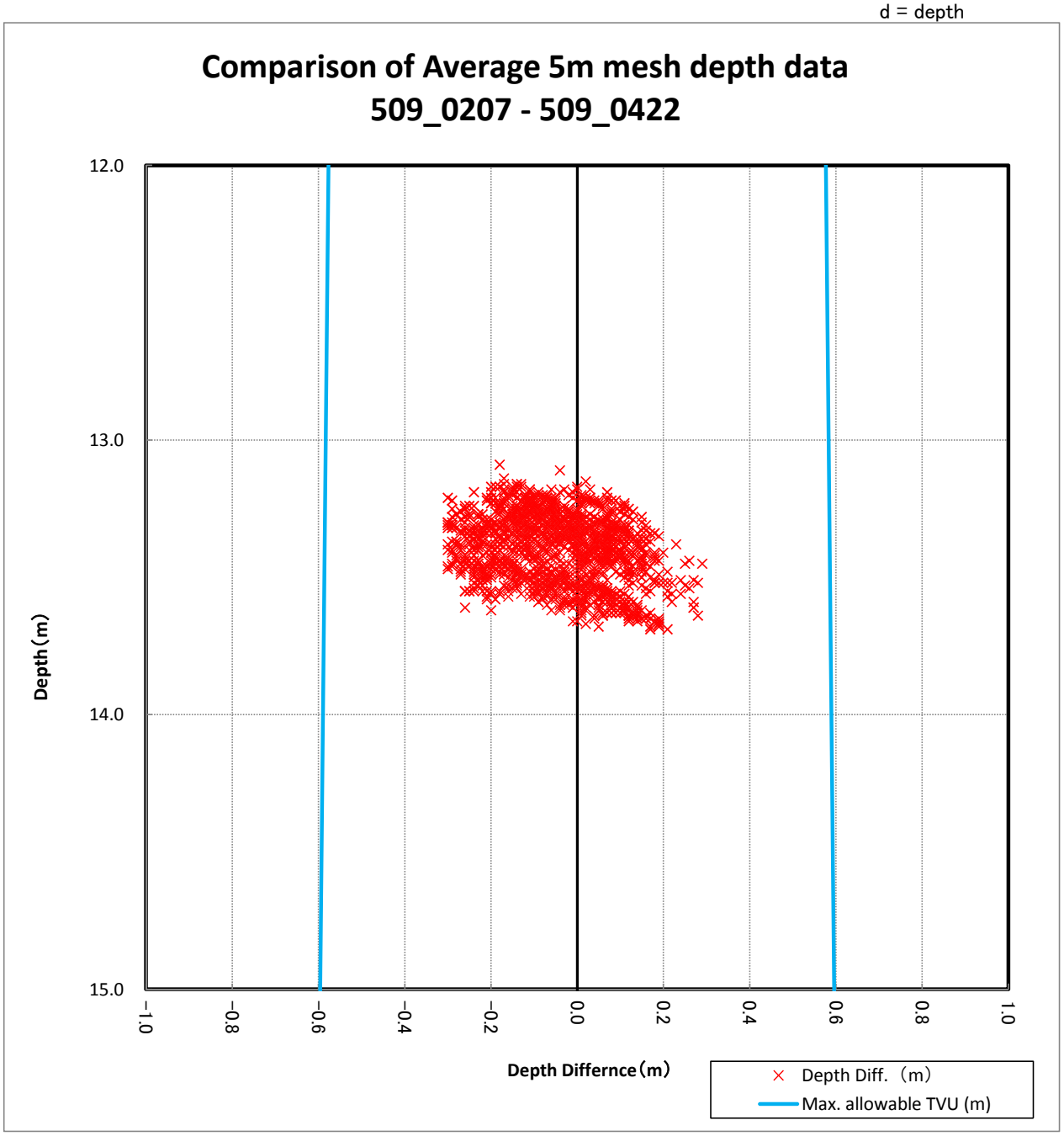


Multi-beam Echosounder Data Inspection

No.17

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_509_0207
LAS1_509_0422
Number of data 1,500

Number of valid data: 1,500
Number of invalid data: 0
Mean Difference: −0.05 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

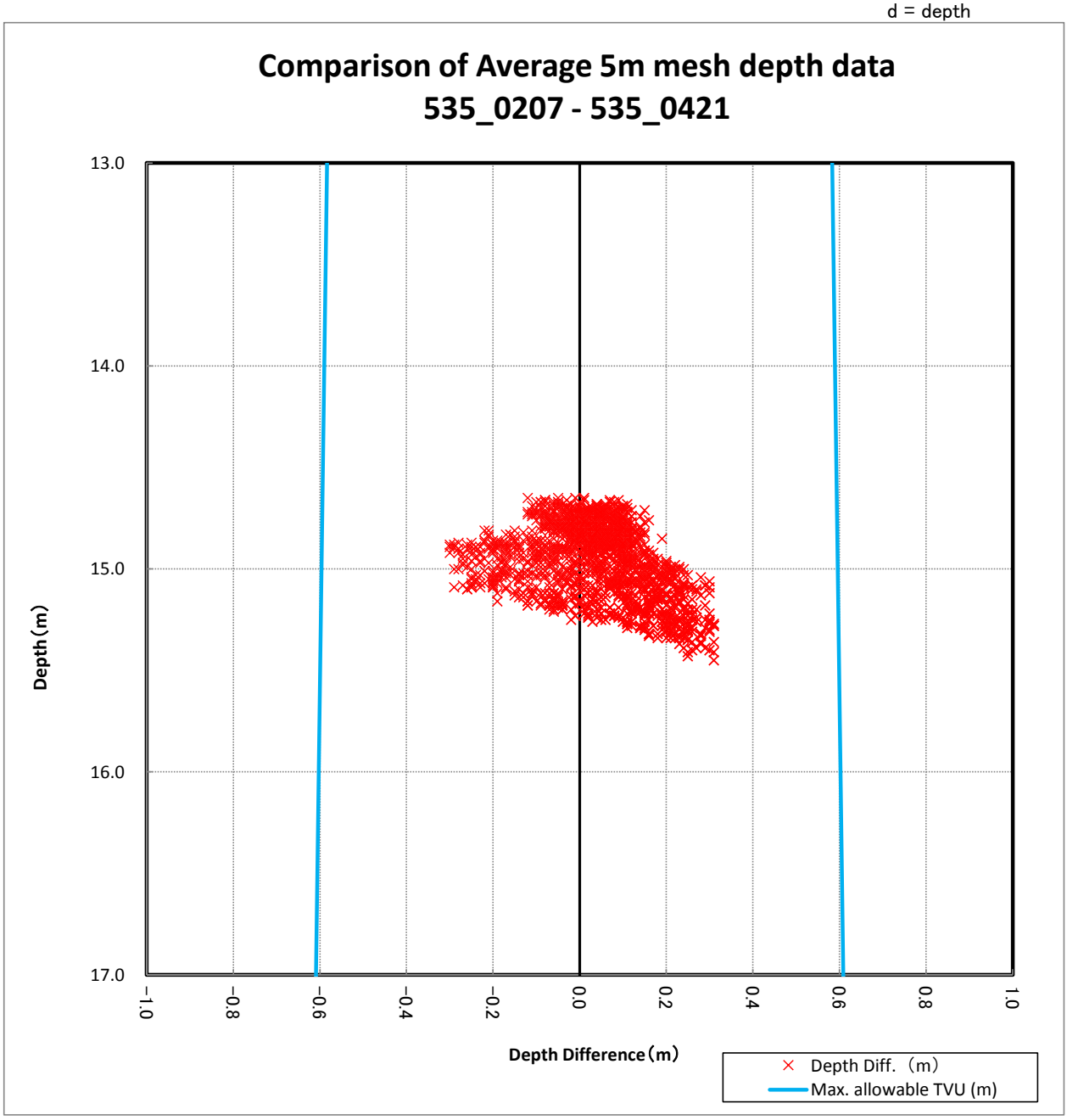


Multi-beam Echosounder Data Inspection

No.18

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_535_0207
LAS1_535_0421
Number of data 1,564

Number of valid data: 1,564
Number of invalid data: 0
Mean Difference: 0.04 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

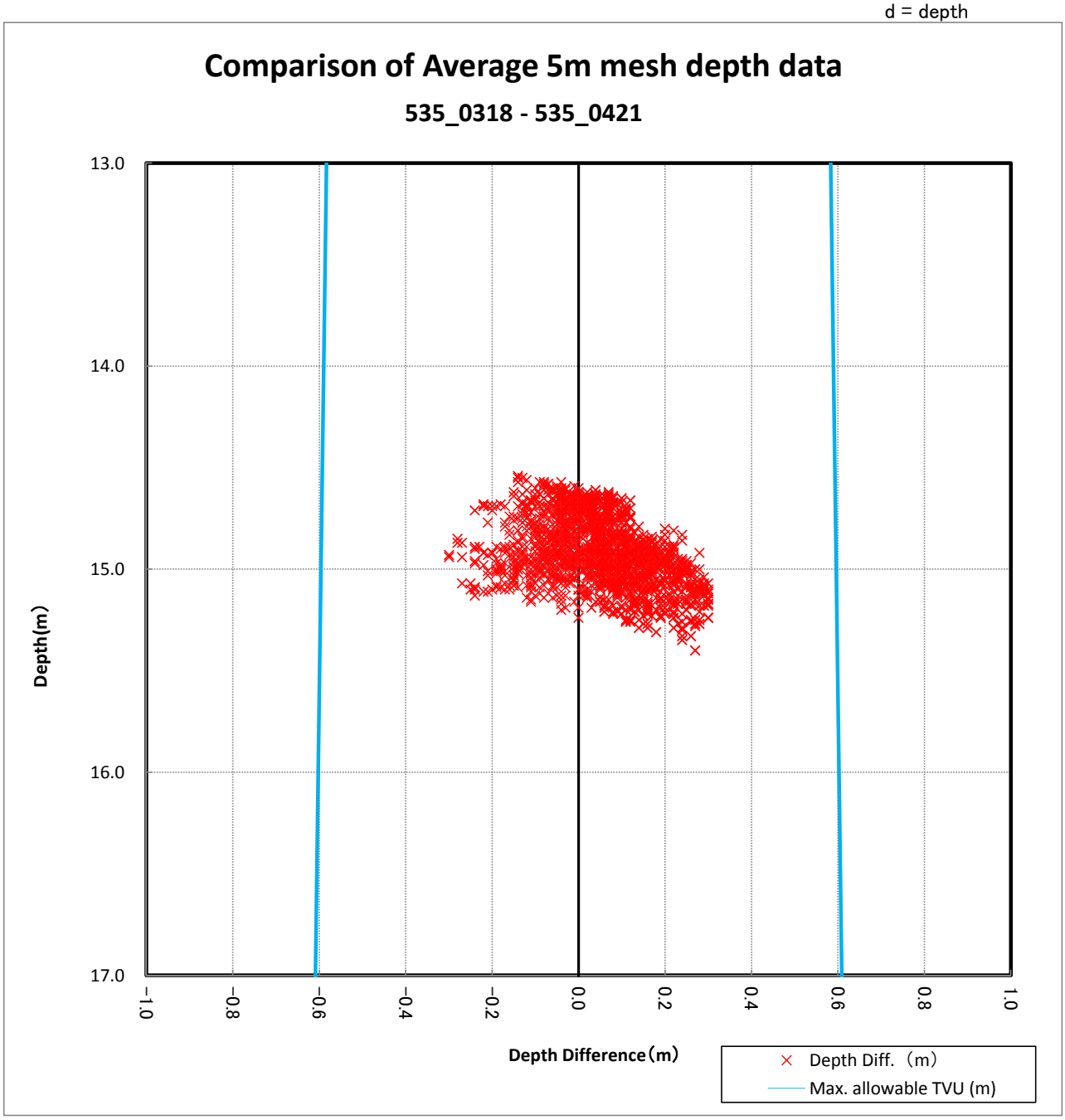


Multi-beam Echosounder Data Inspection

No.19

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_535_0318
LAS1_535_0421
Number of data 1,519

Number of valid data: 1,519
Number of invalid data: 0
Mean Difference: 0.04 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

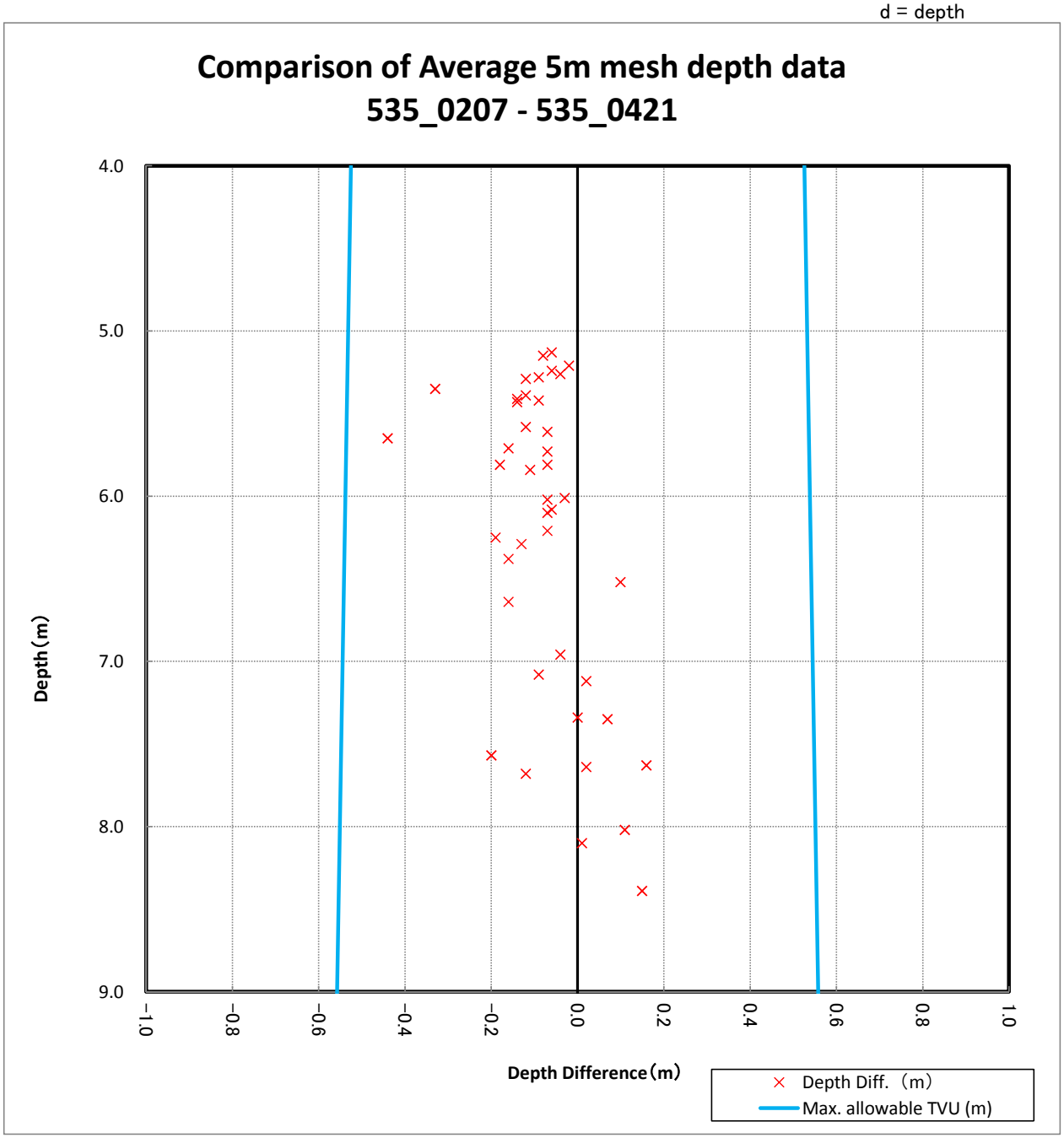


Multi-beam Echosounder Data Inspection

No.20

Area: Sihanoukville harbour
Order: 1b
Survey Line: LAS1_583_0206
LAS1_583_SB0311
Number of data 42

Number of valid data: 42
Number of invalid data: 0
Mean Difference: −0.08 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

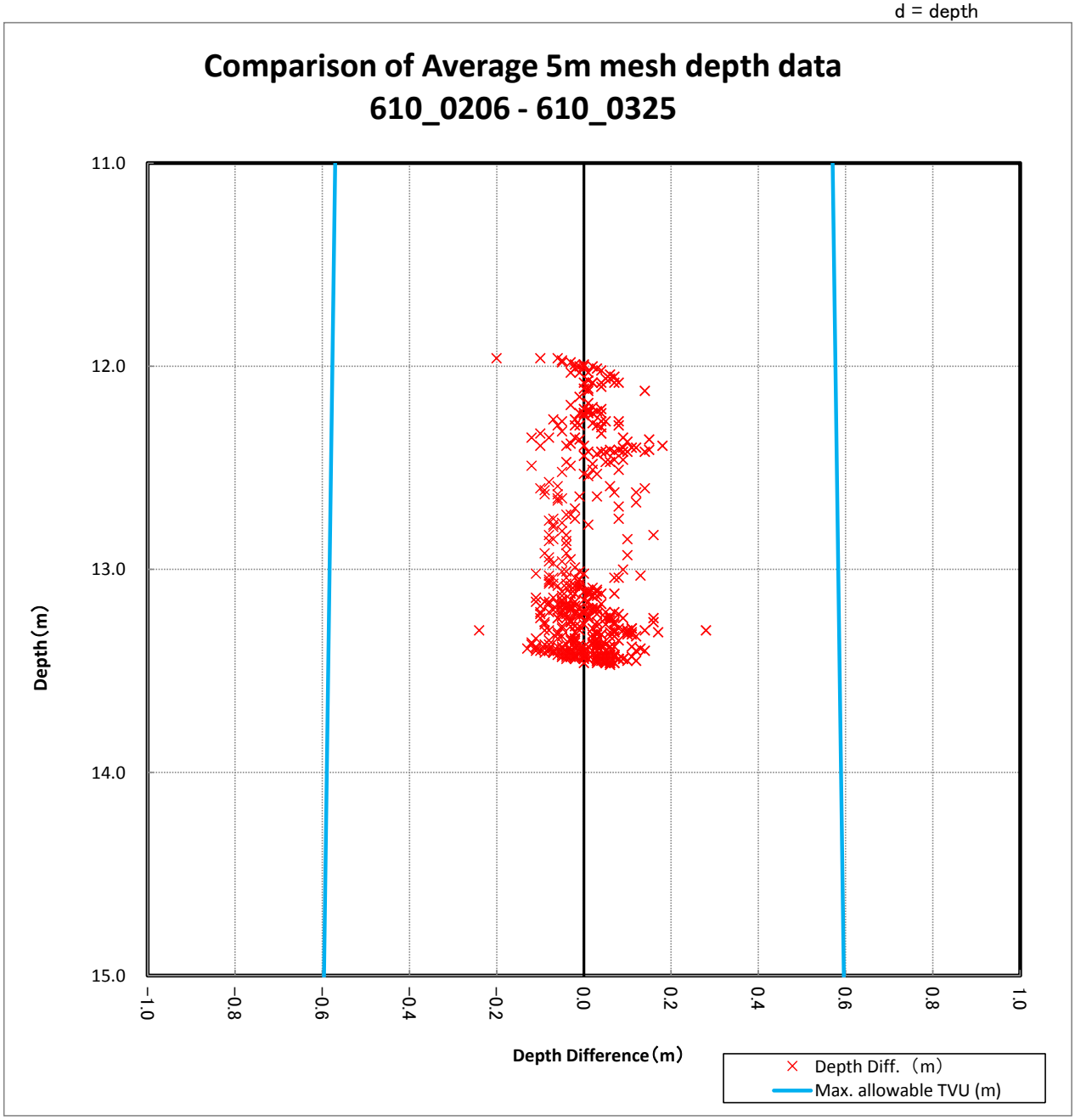


Multi-beam Echosounder Data Inspection

No.21

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_610_0206
LAS1_610_0325
Number of data 468

Number of valid data: 468
Number of invalid data: 0
Mean Difference: 0.00 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

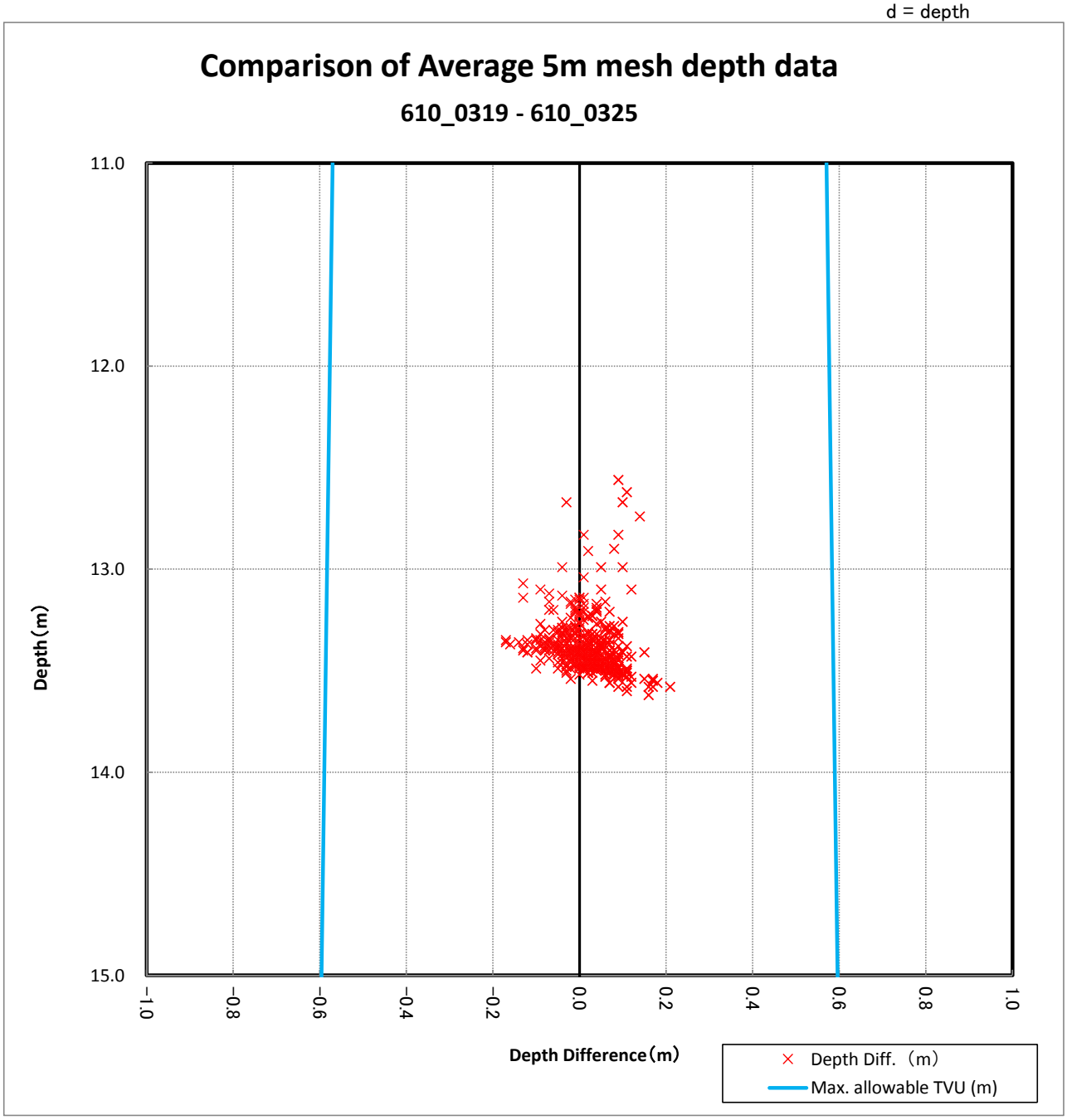


Multi-beam Echosounder Data Inspection

No.22

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_610_0319
LAS1_610_0325
Number of data 396

Number of valid data: 396
Number of invalid data: 0
Mean Difference: 0.02 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

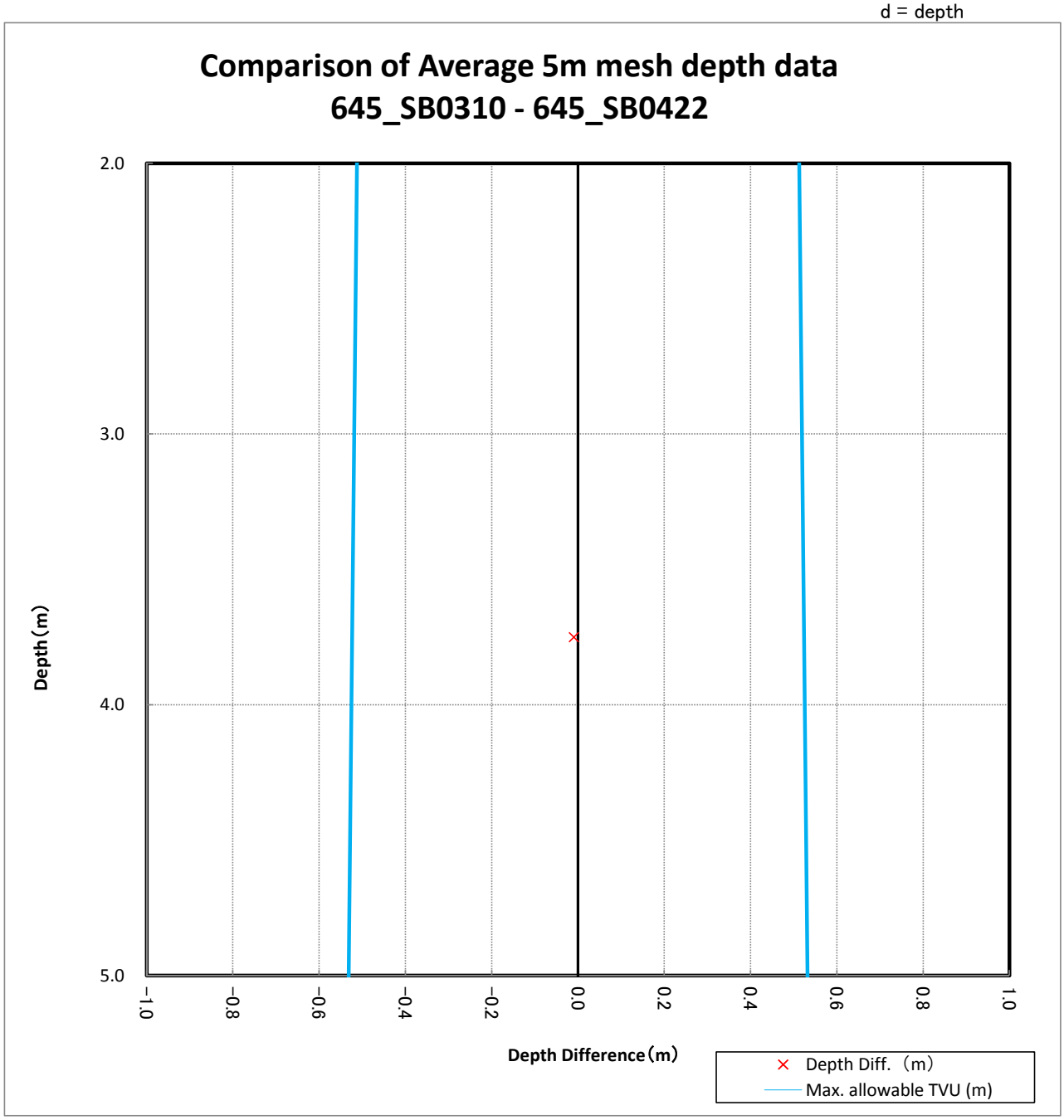


Multi-beam Echosounder Adjacent Inspection

No.23

Area: Sihanoukville harbour
Order: 1b
Survey Line: LAS1_645_SB0310
LAS1_645_SB0422
Number of data 1

Number of valid data: 1
Number of invalid data: 0
Mean Difference: −0.01 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

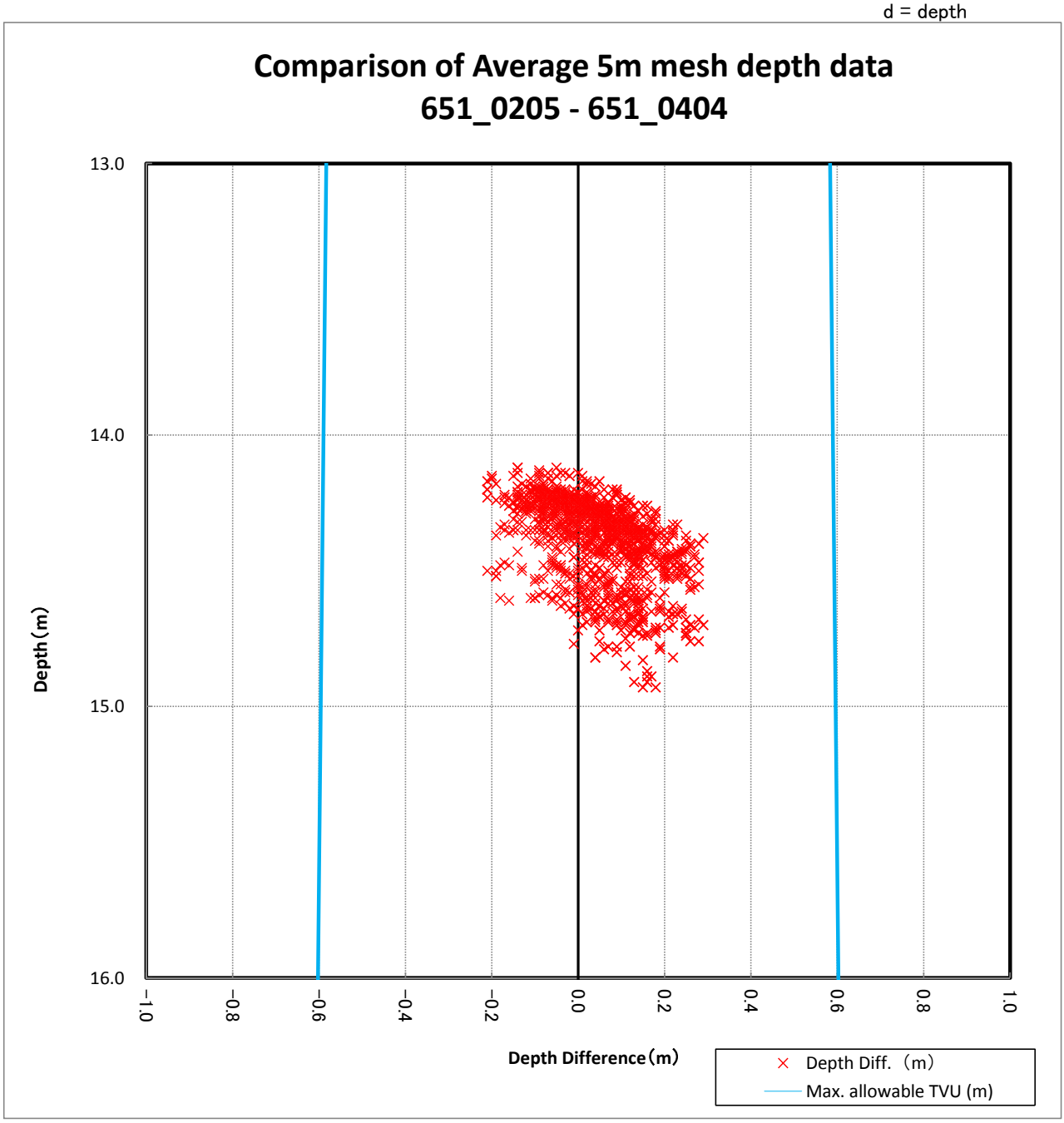


Multi-beam Echosounder Data Inspection

No.24

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_651_0205
LAS1_651_0404
Number of data 1,182

Number of valid data: 1,182
Number of invalid data: 0
Mean Difference: 0.04 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

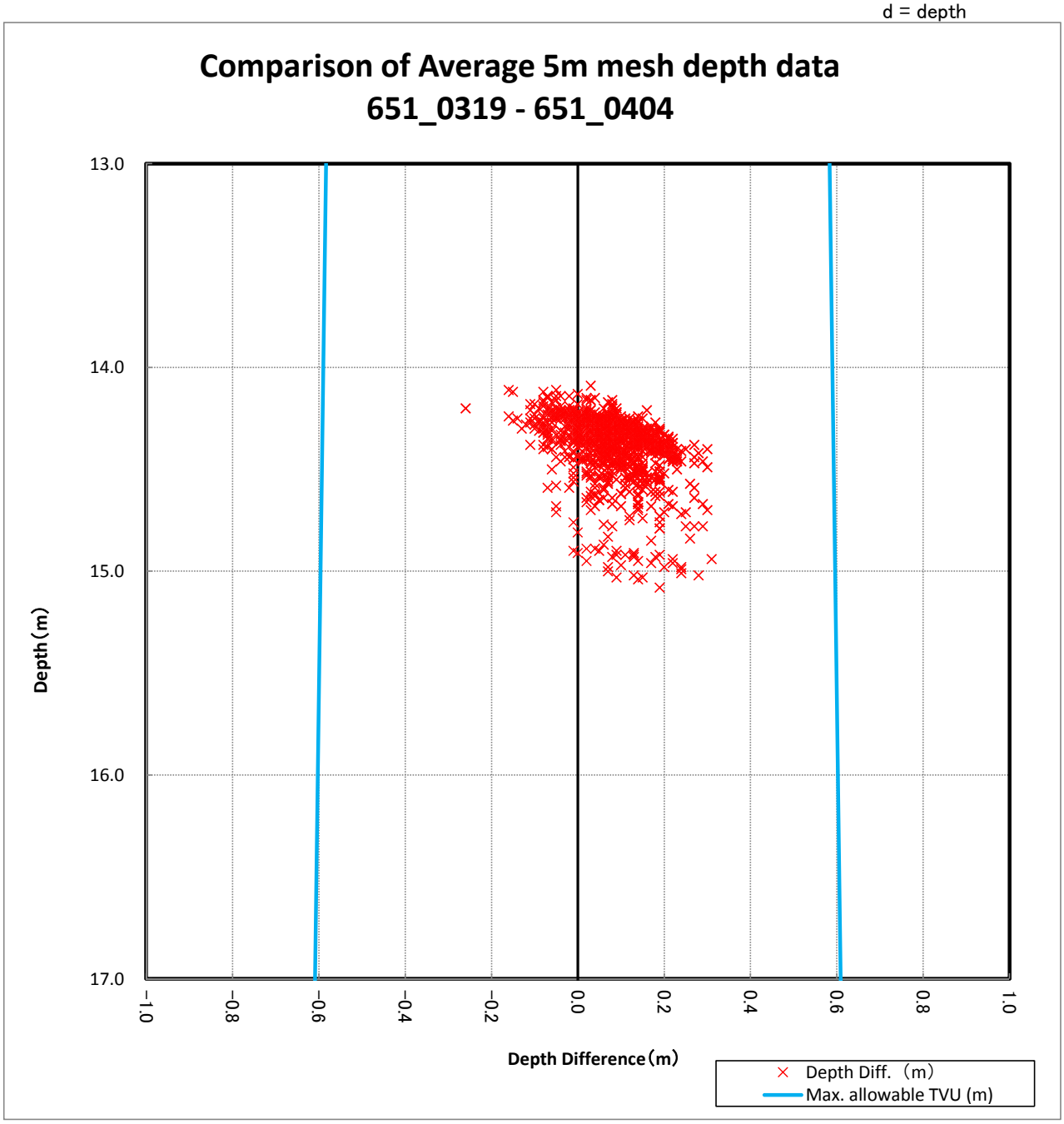


Multi-beam Echosounder Adjacent Inspection

No.25

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_651_0319
LAS1_651_0404
Number of data 890

Number of valid data: 890
Number of invalid data: 0
Mean Difference: 0.08 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

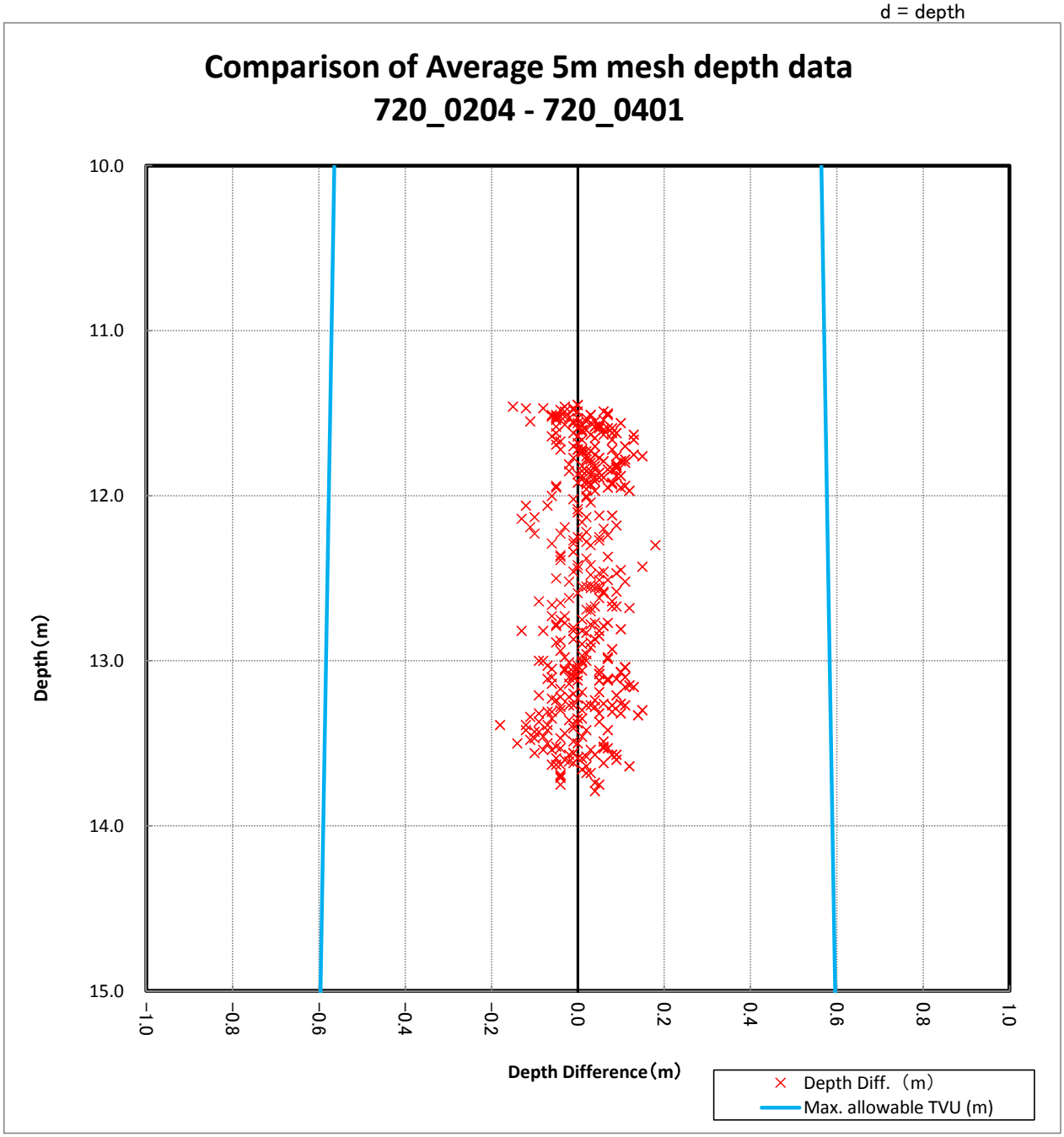


Multi-beam Echosounder Adjacent Inspection

No.26

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_720_0204
LAS1_720_0401
Number of data 390

Number of valid data: 390
Number of invalid data: 0
Mean Difference: 0.01 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

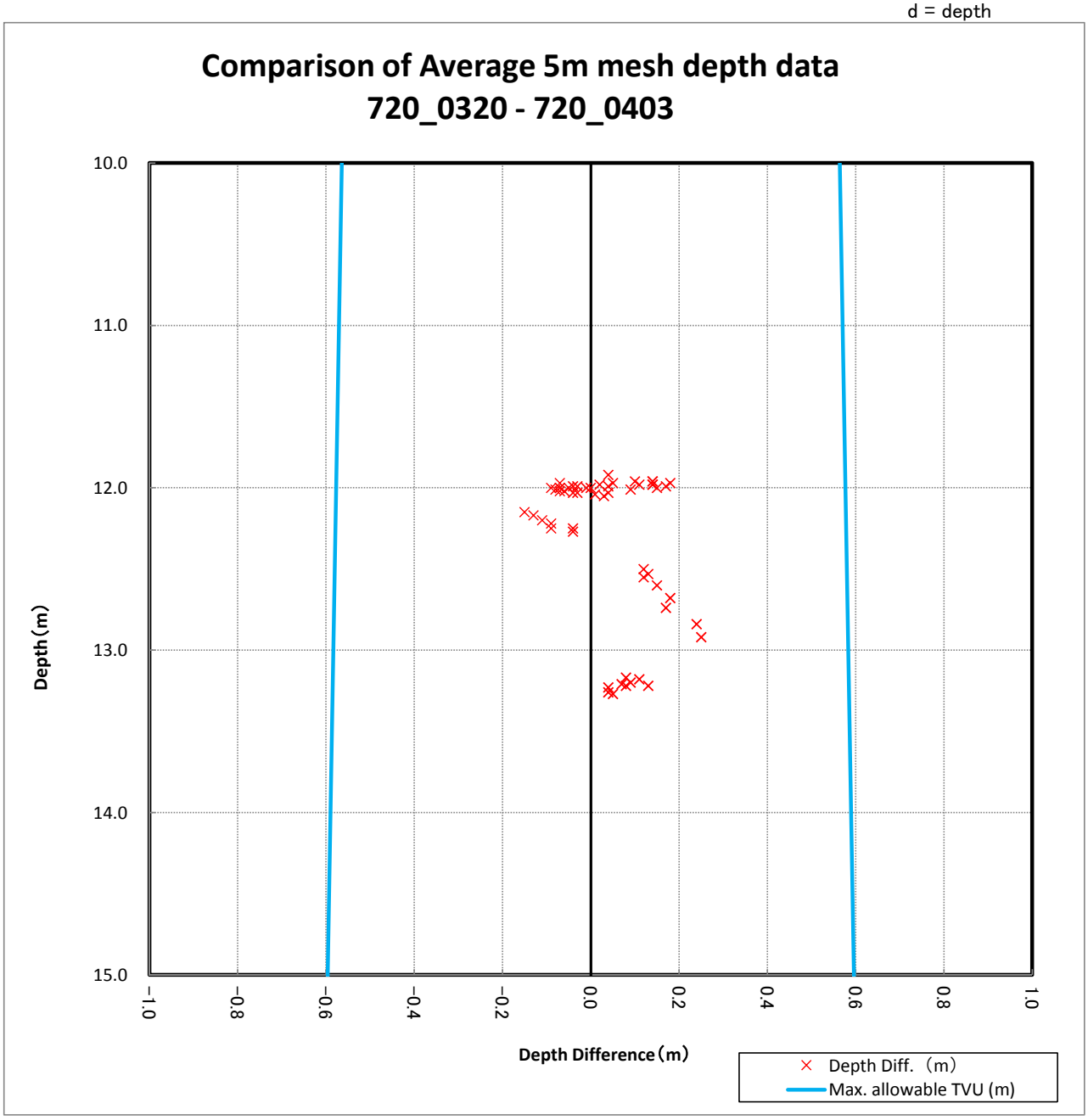


Multi-beam Echosounder Adjacent Inspection

No.27

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_720_0320
LAS1_720_0403
Number of data 55

Number of valid data: 55
Number of invalid data: 0
Mean Difference: 0.04 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

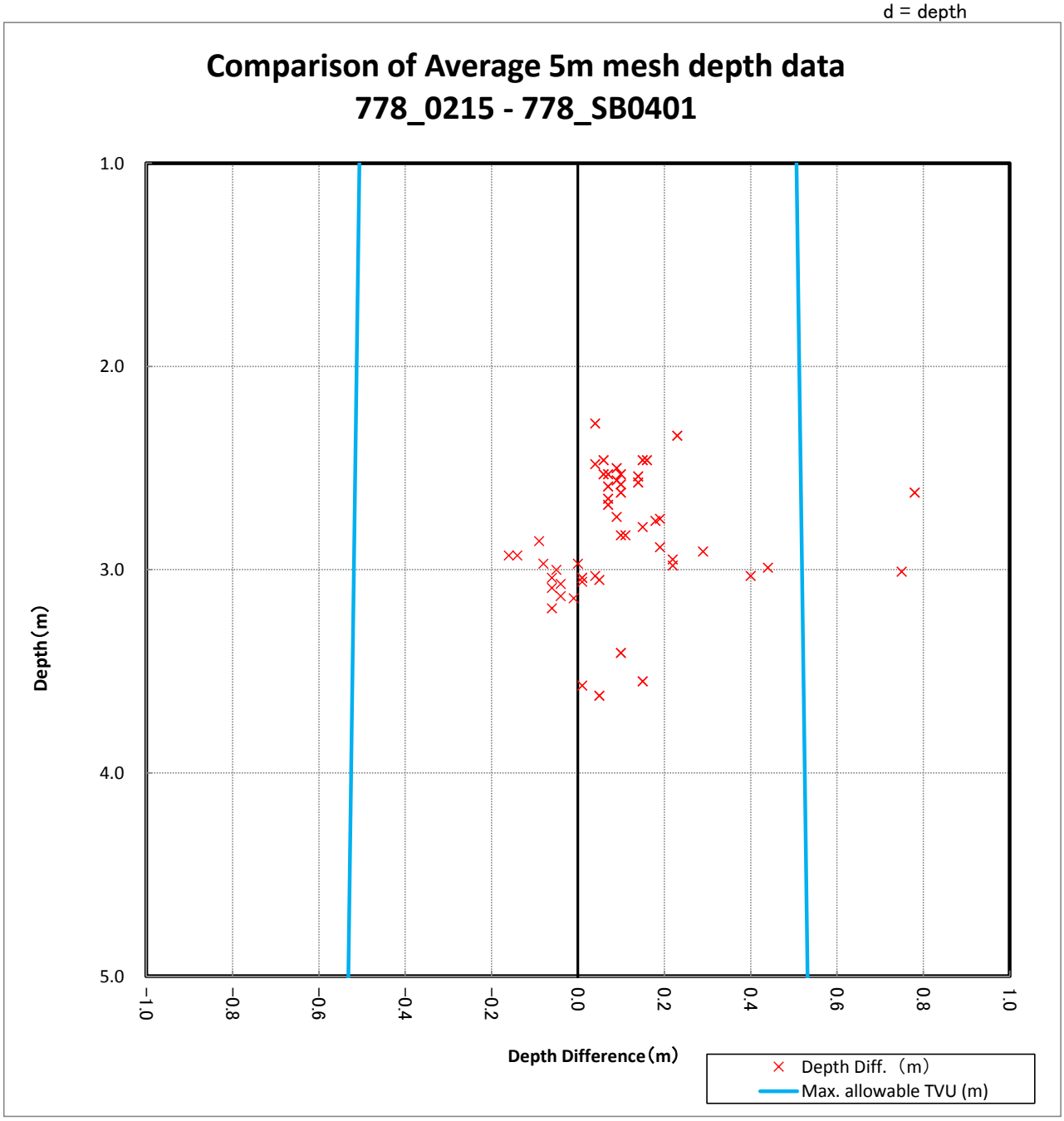


Multi-beam Echosounder Adjacent Inspection

No.28

Area: Sihanoukville harbour
Order: 1b
Survey Line: LAS1_778_0215
LAS1_778_SB0401
Number of data 53

Number of valid data: 51
Number of invalid data: 2
Mean Difference: 0.10 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

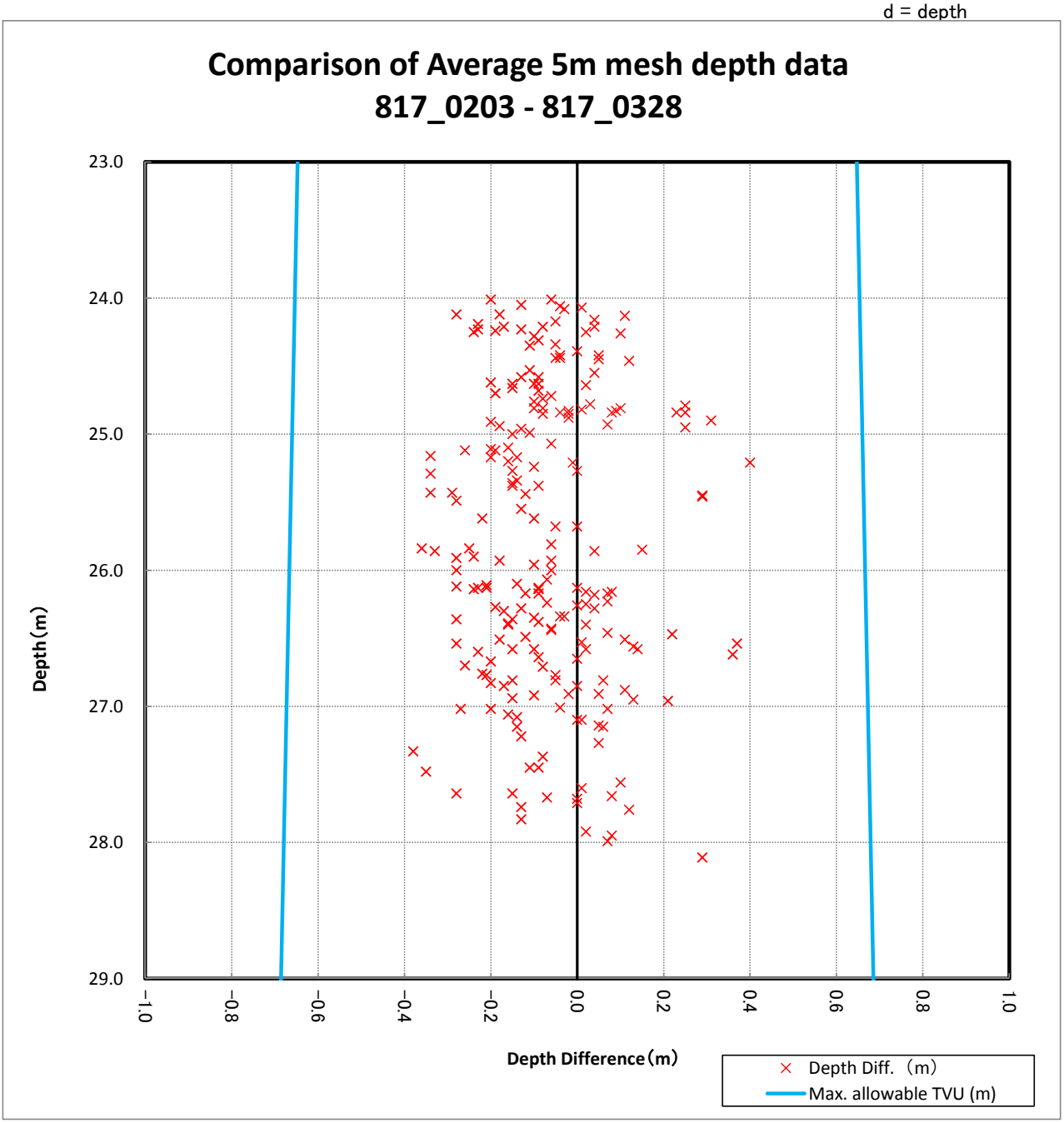


Multi-beam Echosounder Adjacent Inspection

No.29

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_817_0203
LAS1_817_0328
Number of data 218

Number of valid data: 218
Number of invalid data: 0
Mean Difference: −0.07 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

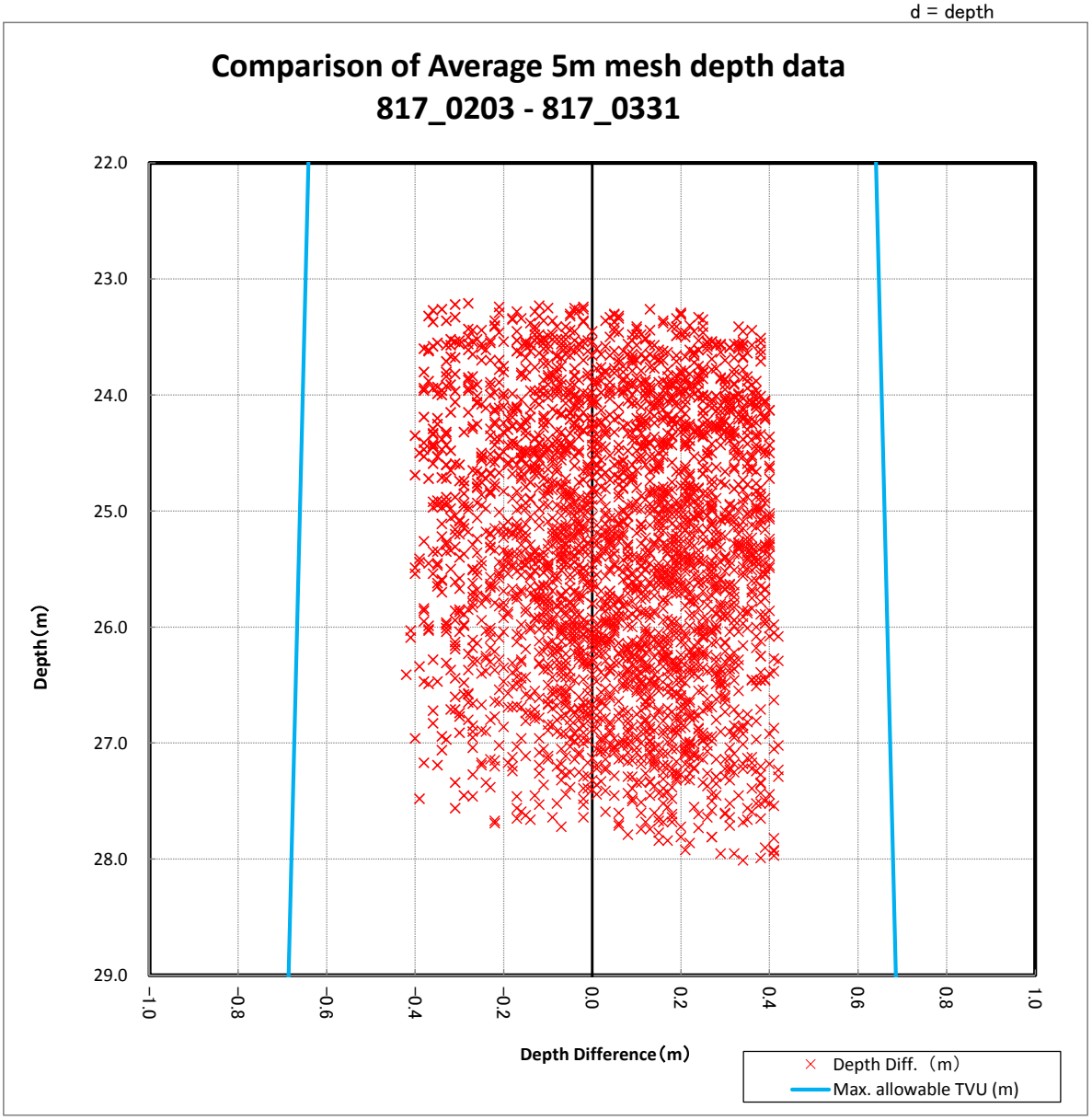


Multi-beam Echosounder Adjacent Inspection

No.30

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_817_0203
LAS1_817_0331
Number of data 3006

Number of valid data: 3006
Number of invalid data: 0
Mean Difference: 0.06 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

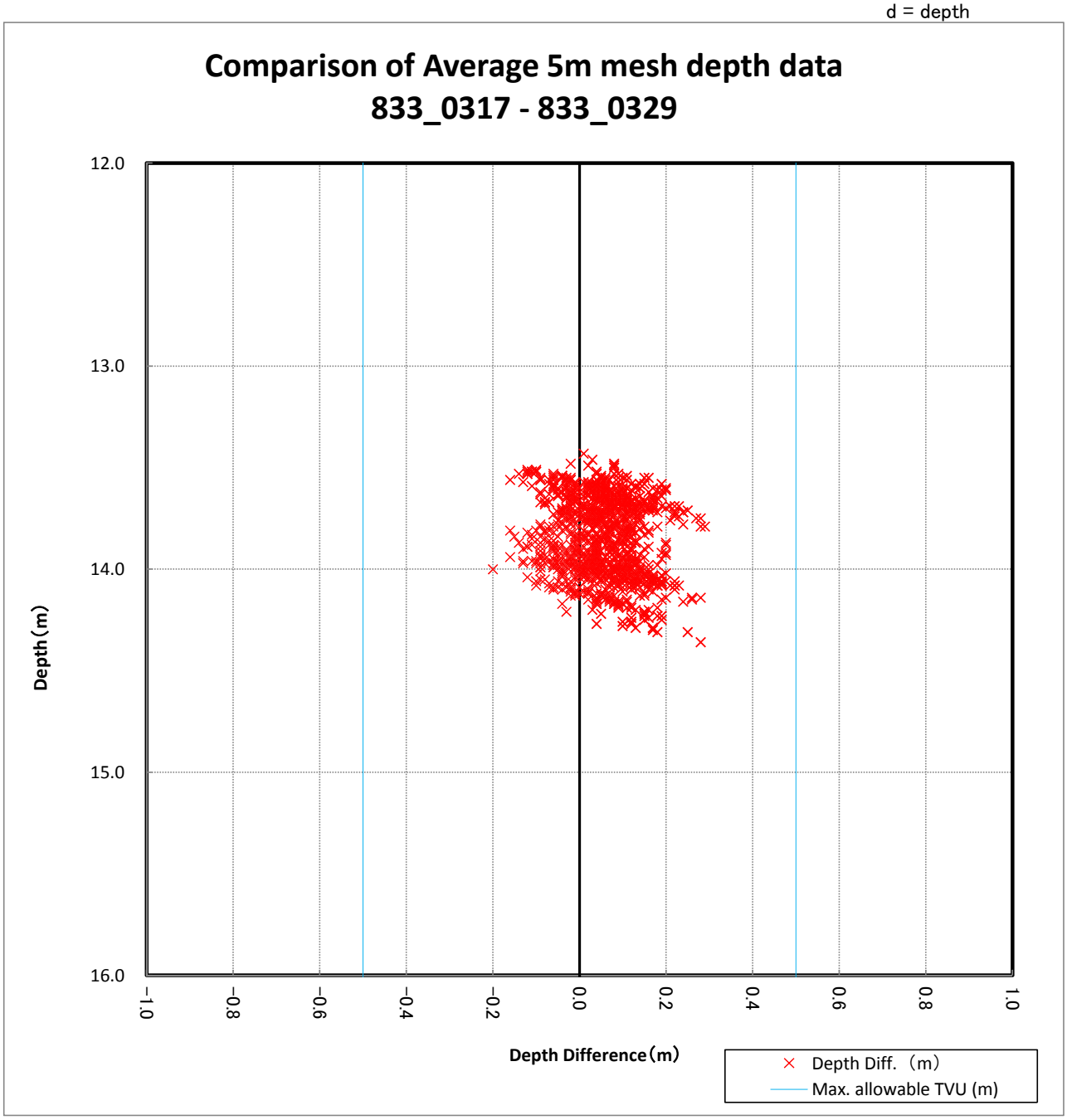


Multi-beam Echosounder Adjacent Inspection

No.31

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_833_0317
LAS1_833_0329
Number of data 1,029

Number of valid data: 1,029
Number of invalid data: 0
Mean Difference: 0.05 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

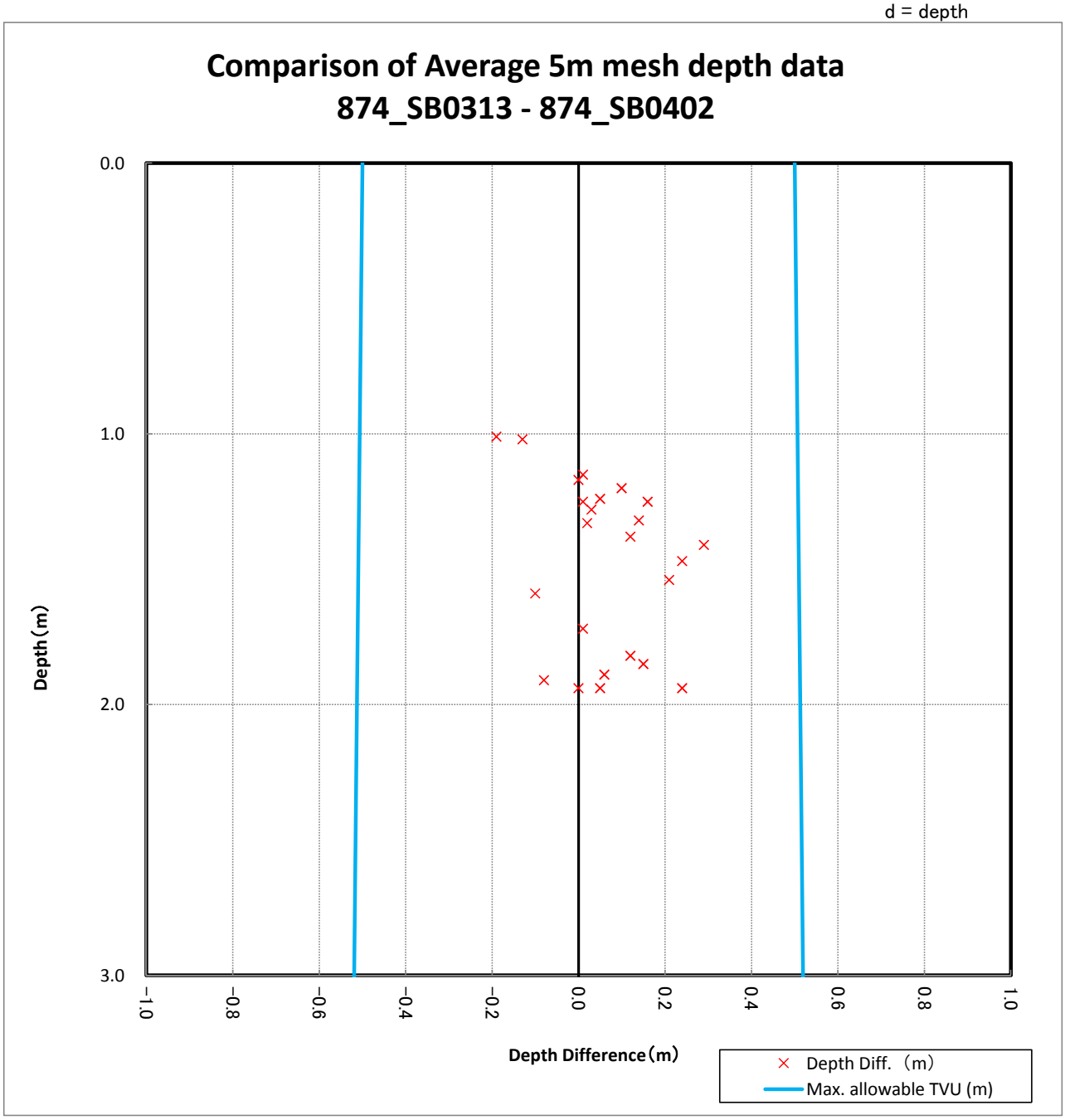


Multi-beam Echosounder Adjacent Inspection

No.32

Area: Sihanoukville harbour
Order: 1b
Survey Line: LAS1_874_SB0313
LAS1_874_SB0402
Number of data 24

Number of valid data: 24
Number of invalid data: 0
Mean Difference: 0.05 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

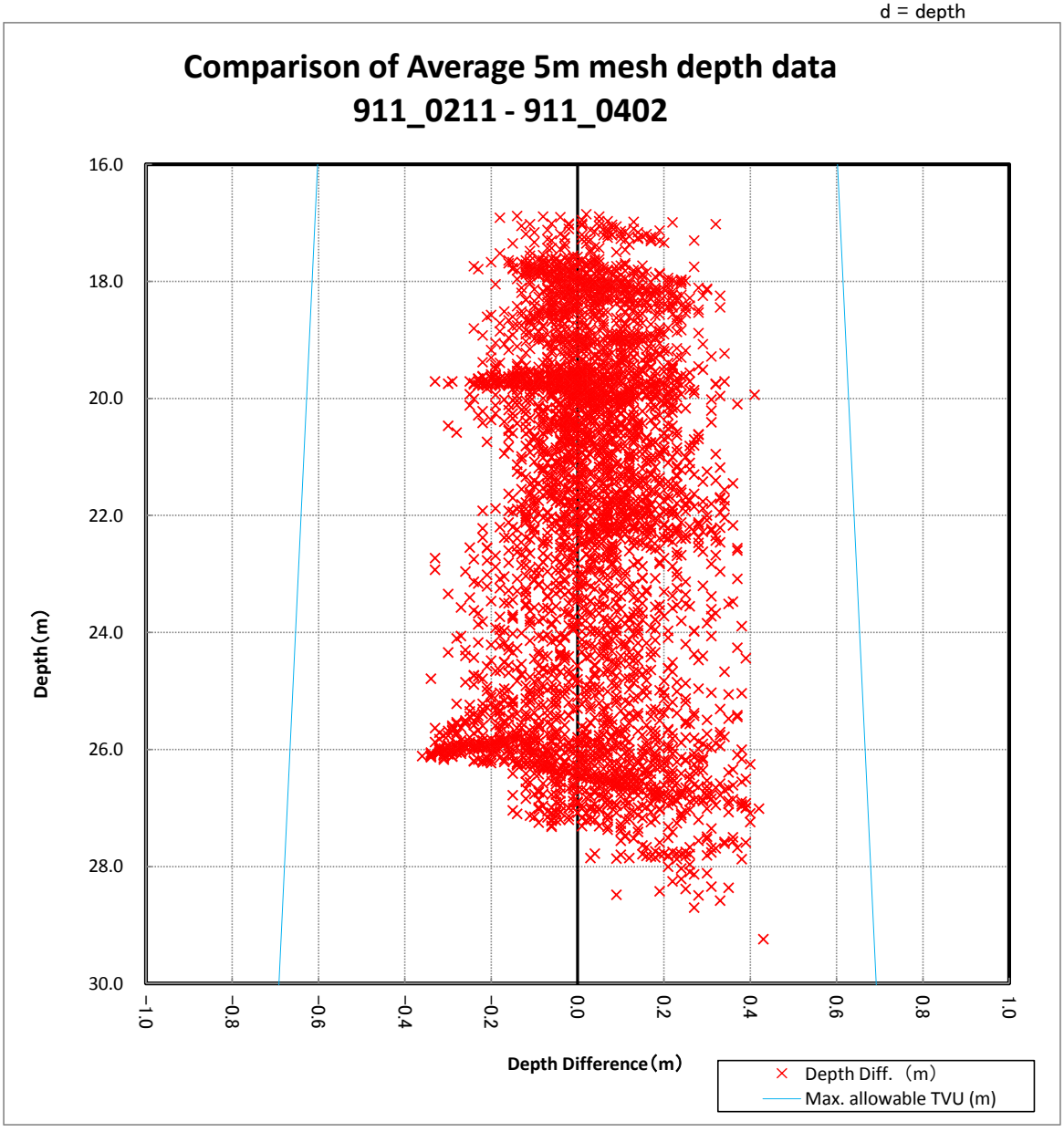


Multi-beam Echosounder Data Inspection

No.33

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_911_0211
LAS1_911_0402
Number of data 3,631

Number of valid data: 3,631
Number of invalid data: 0
Mean Difference: 0.03 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

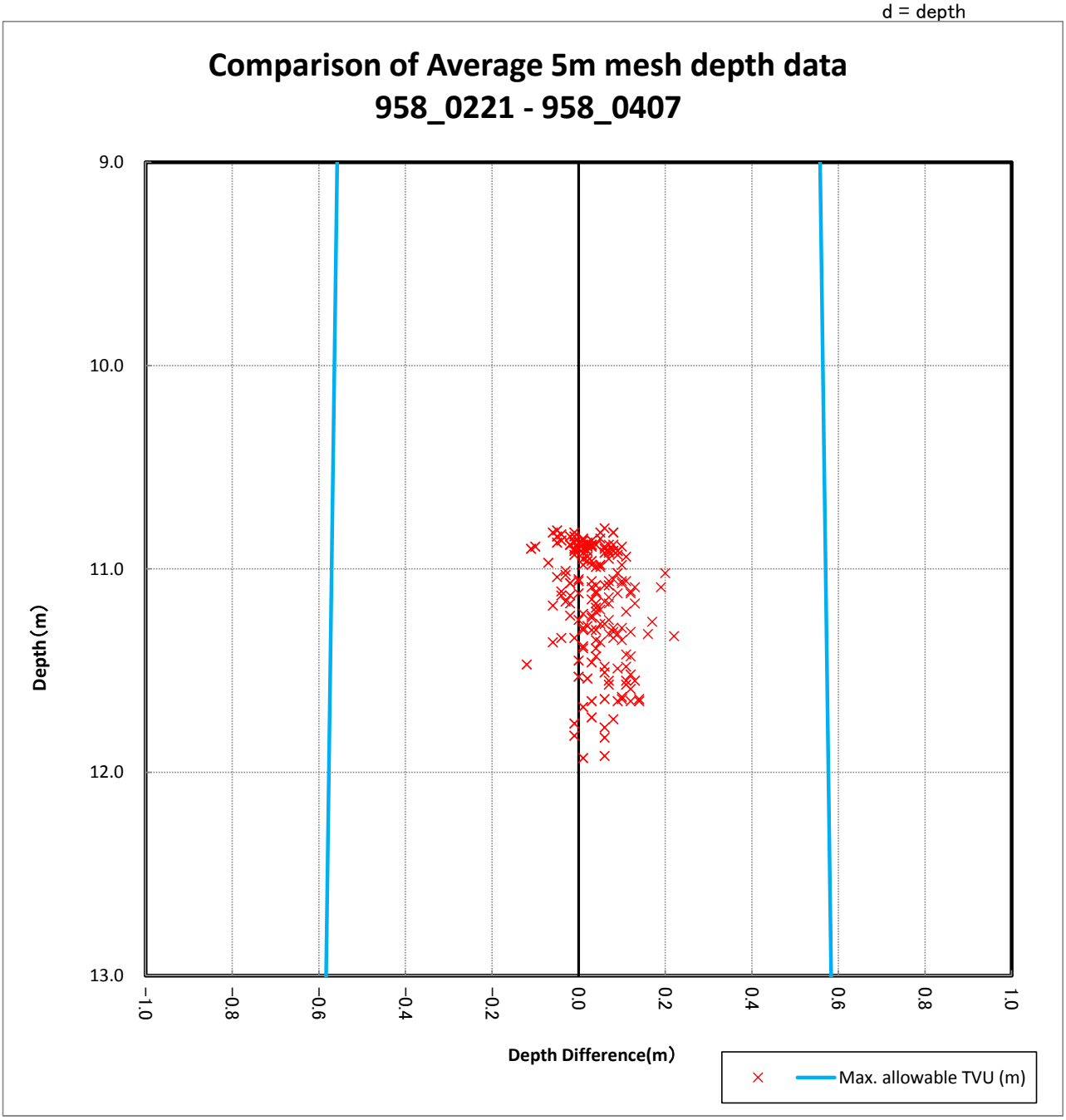


Multi-beam Echosounder Data Inspection

No34

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_958_0221
LAS1_958_0407
Number of data 178

Number of valid data: 178
Number of invalid data: 0
Mean Difference: 0.04 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

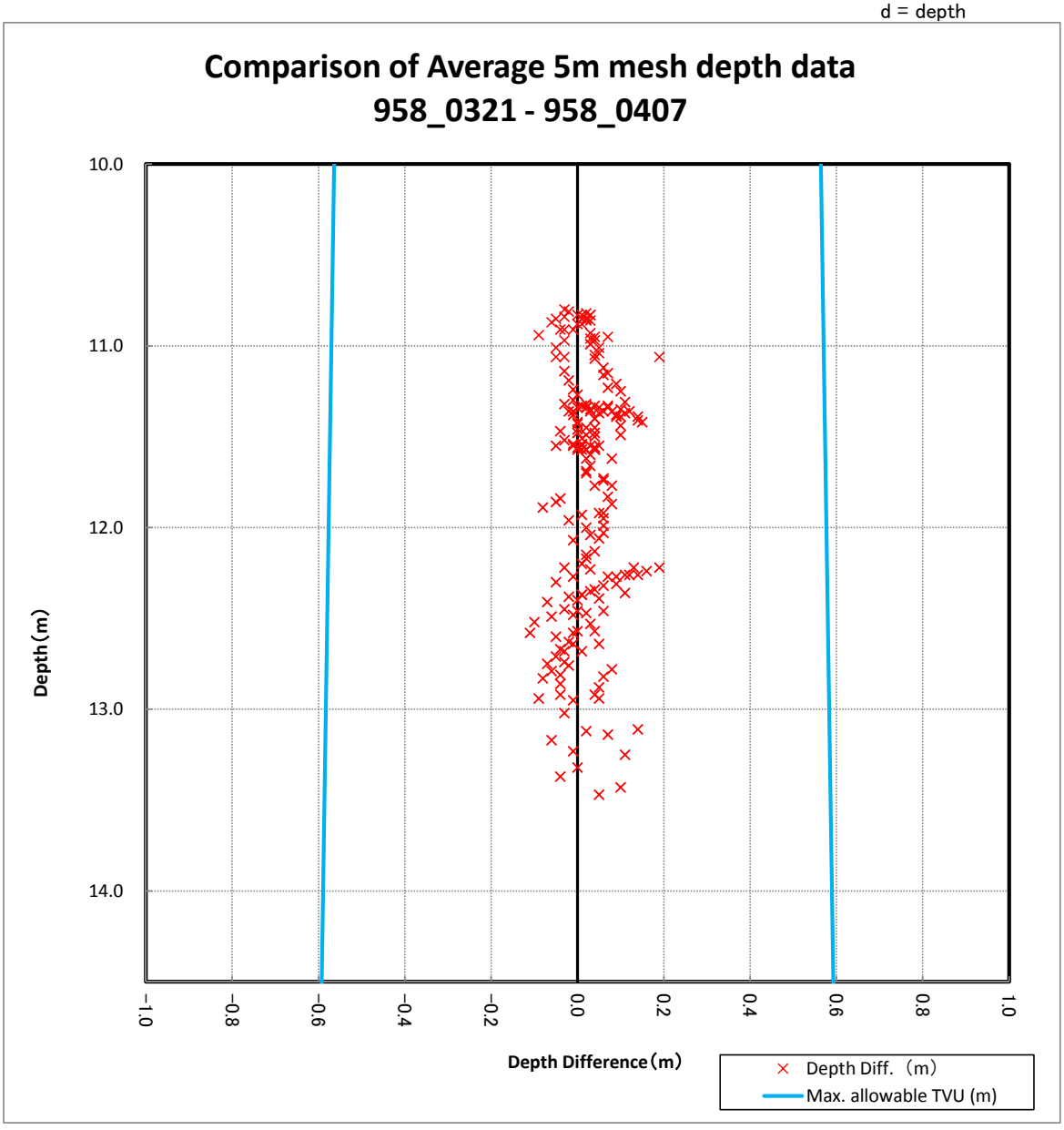


Multi-beam Echosounder Data Inspection

No.35

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_958_0321
LAS1_958_0407
Number of data 207

Number of valid data: 207
Number of invalid data: 0
Mean Difference: 0.02 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

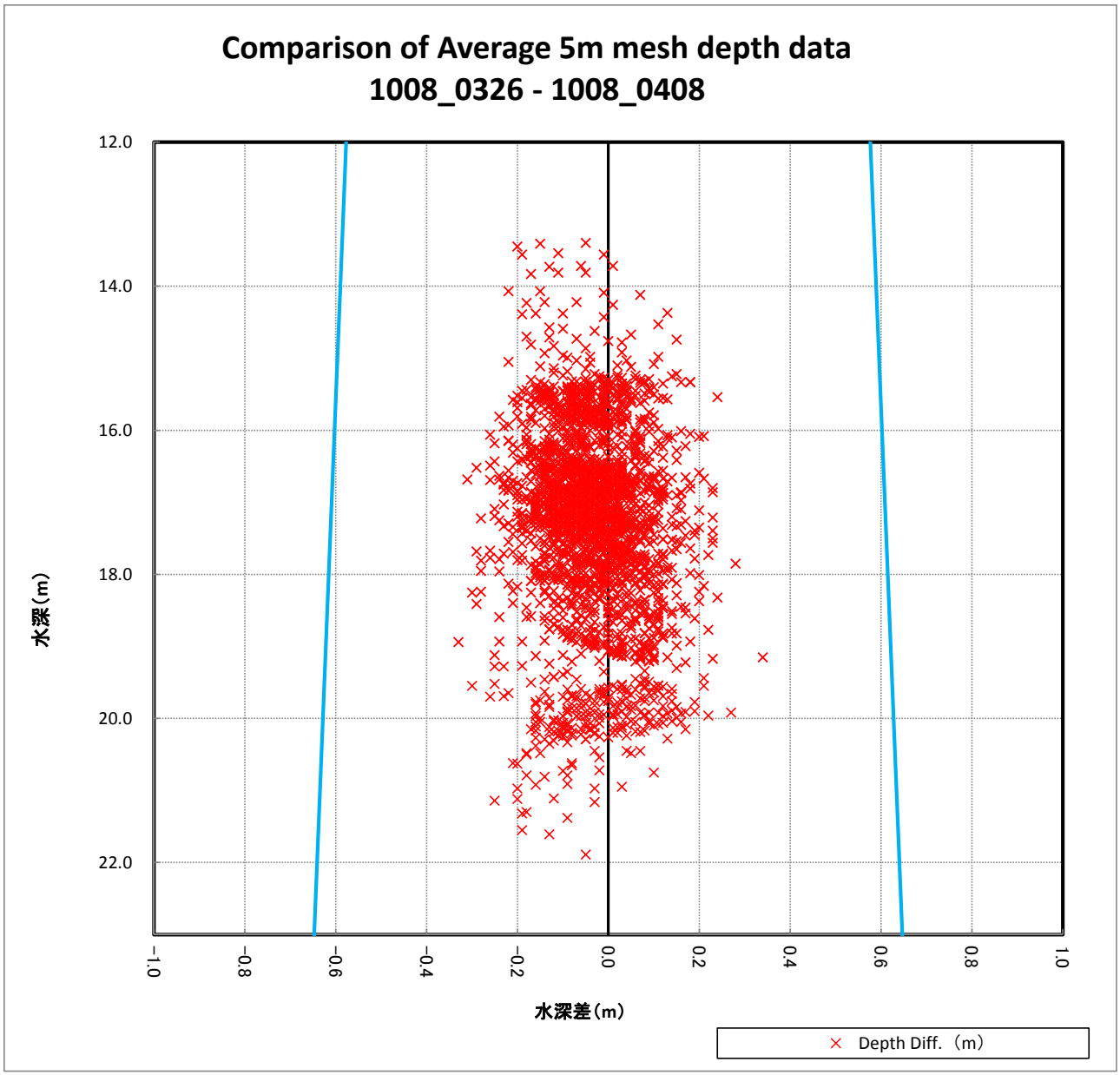


Multi-beam Echosounder Data Inspection

No.36

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_1008_0326
LAS1_1008_0408
Number of data 2,428

Number of valid data: 2,428
Number of invalid data: 0
Mean Difference: −0.03 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

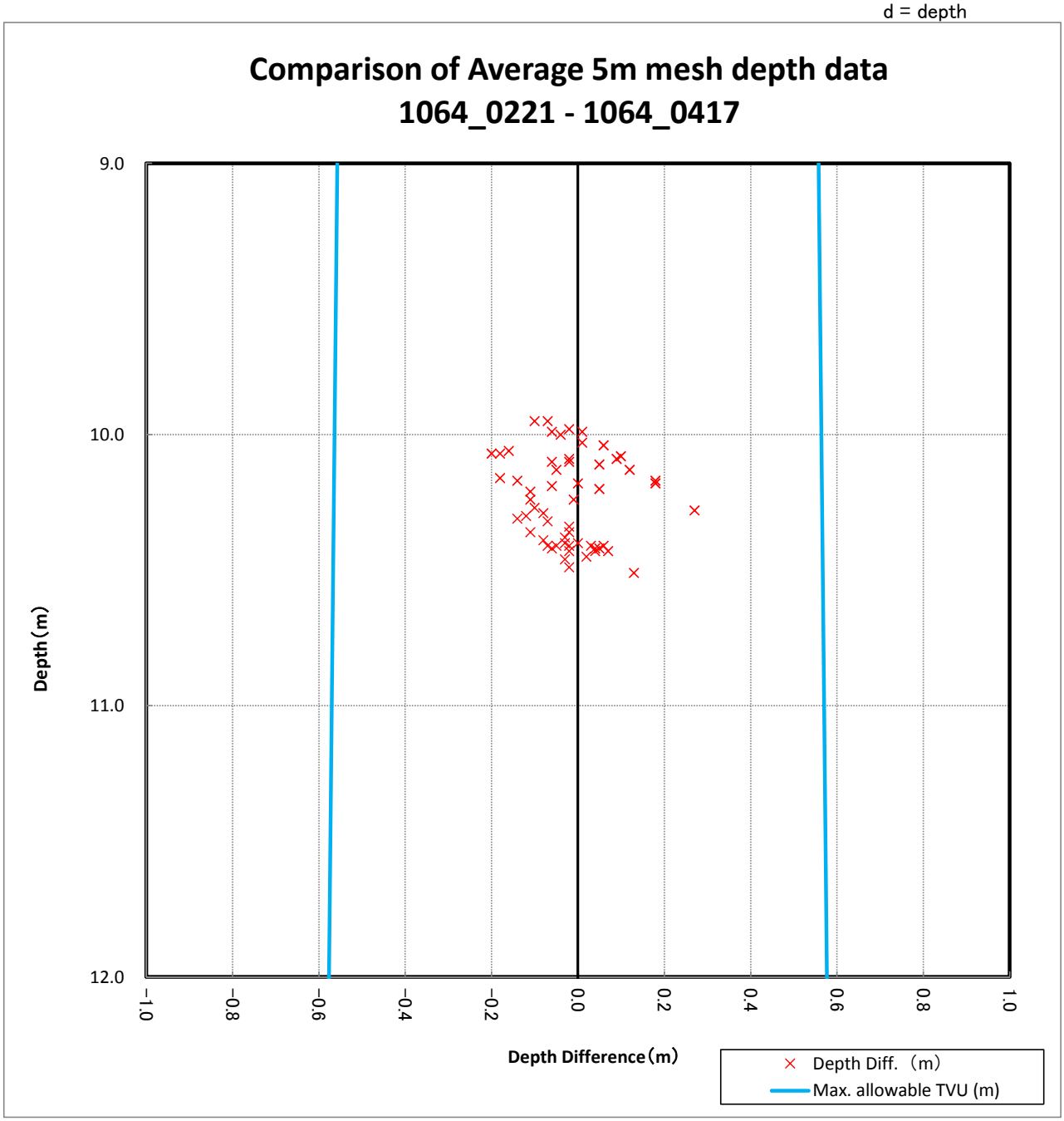


Multi-beam Echosounder Data Inspection

No.37

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_1064_0221
LAS1_1064_0417
Number of data 57

Number of valid data: 57
Number of invalid data: 0
Mean Difference: −0.02 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

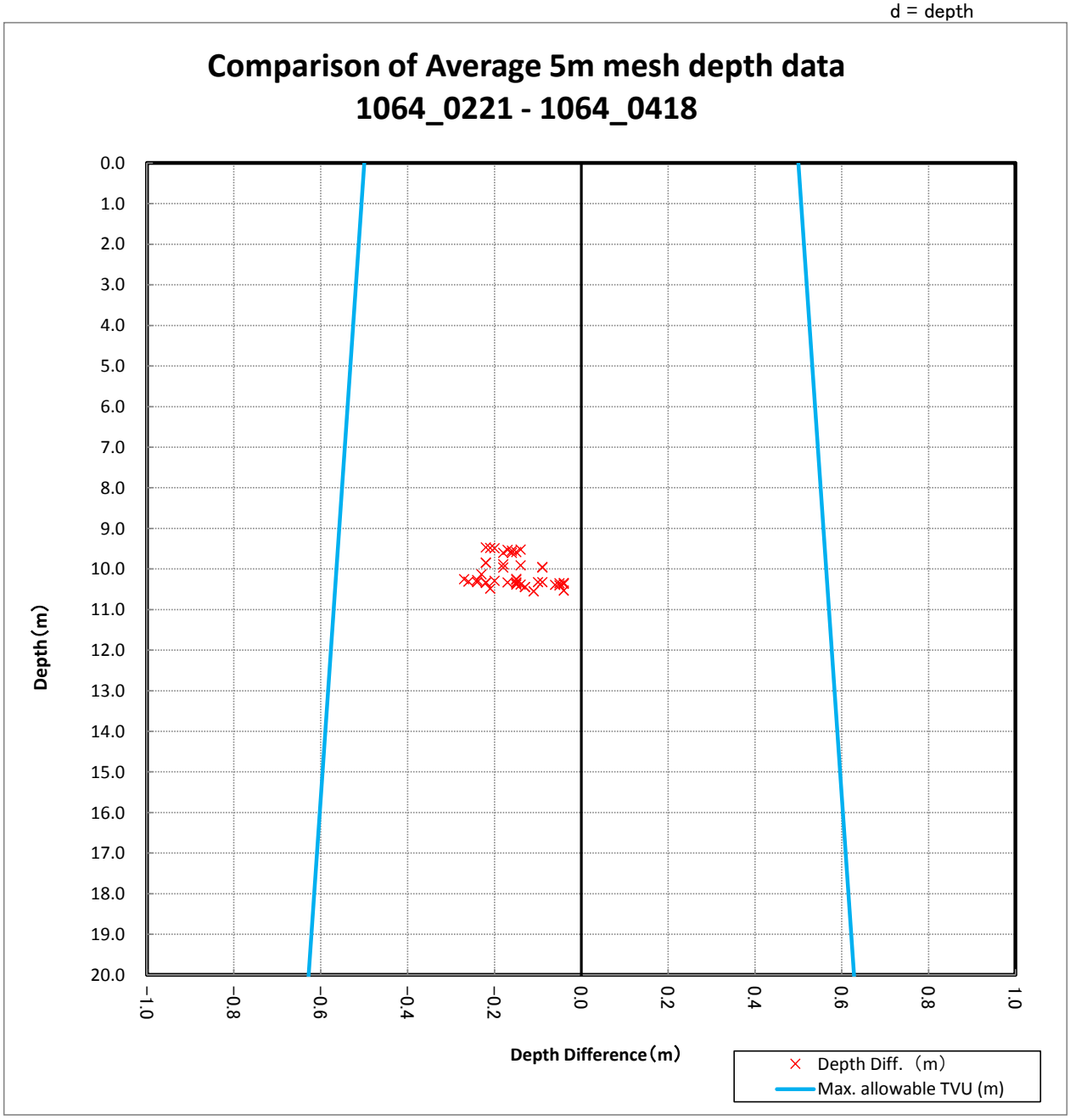


Multi-beam Echosounder Data Inspection

No.38

Area: Sihanoukville harbour
Order: 1a,1b
Survey Line: LAS1_1064_0221
LAS1_1064_0418
Number of data 43

Number of valid data: 43
Number of invalid data: 0
Mean Difference: −0.15 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

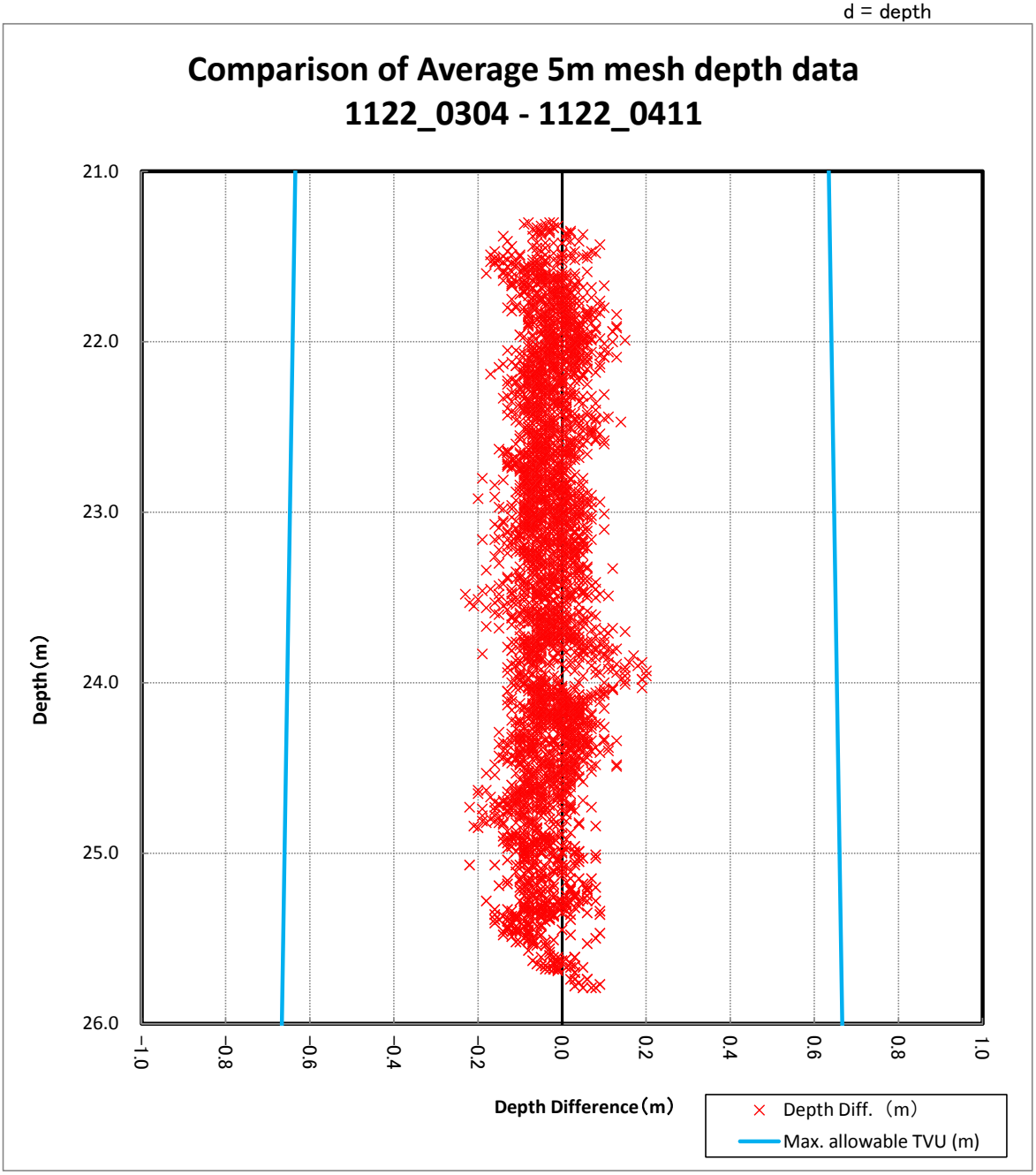


Multi-beam Echosounder Data Inspection

No.39

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_1122_0304
LAS1_1122_0411
Number of data 3,311

Number of valid data: 3,311
Number of invalid data: 0
a −0.03 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

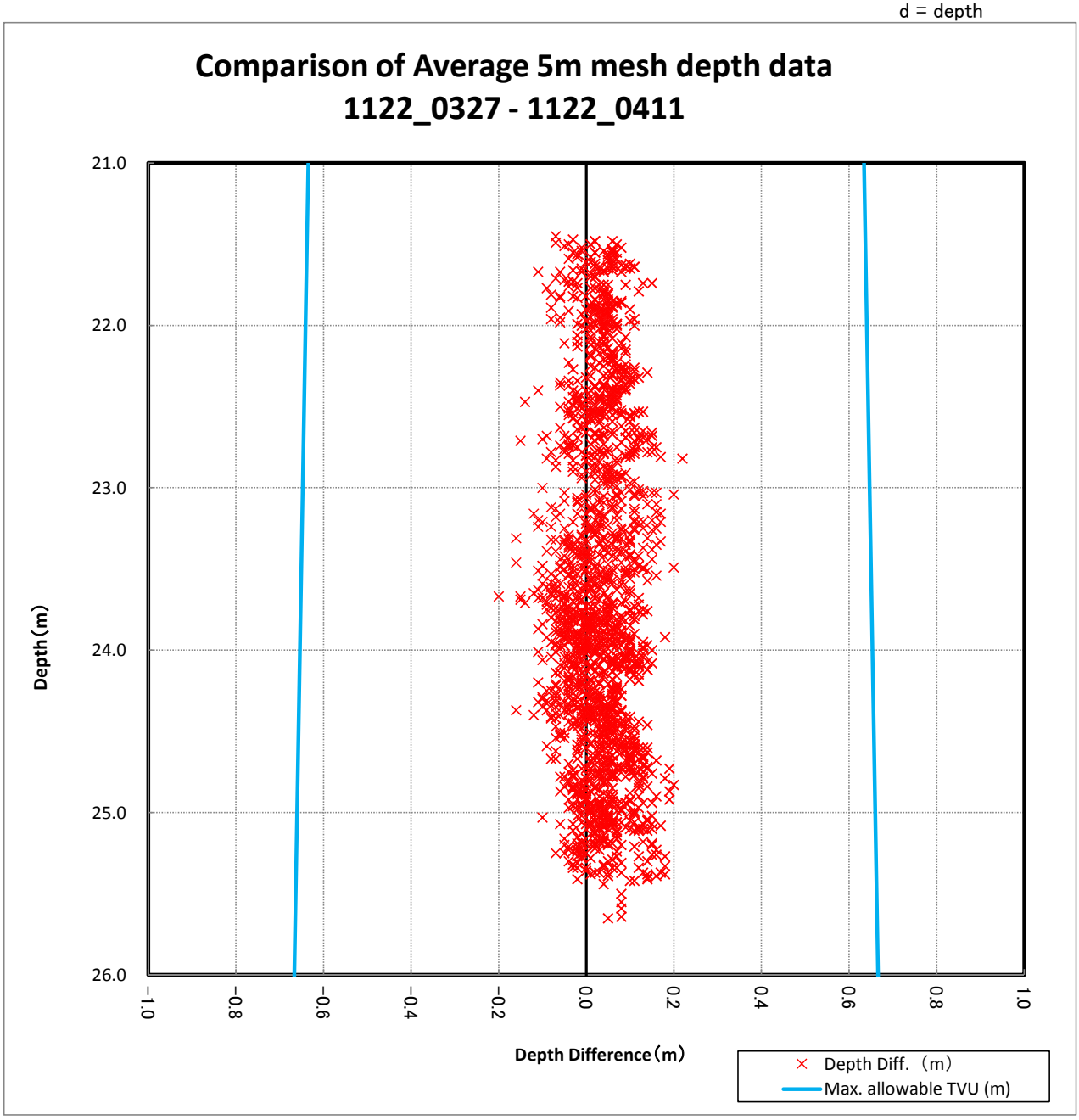


Multi-beam Echosounder Data Inspection

No.40

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_1122_0327
LAS1_1122_0411
Number of data 1,794

Number of valid data: 1,794
Number of invalid data: 0
Mean Difference: 0.03 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

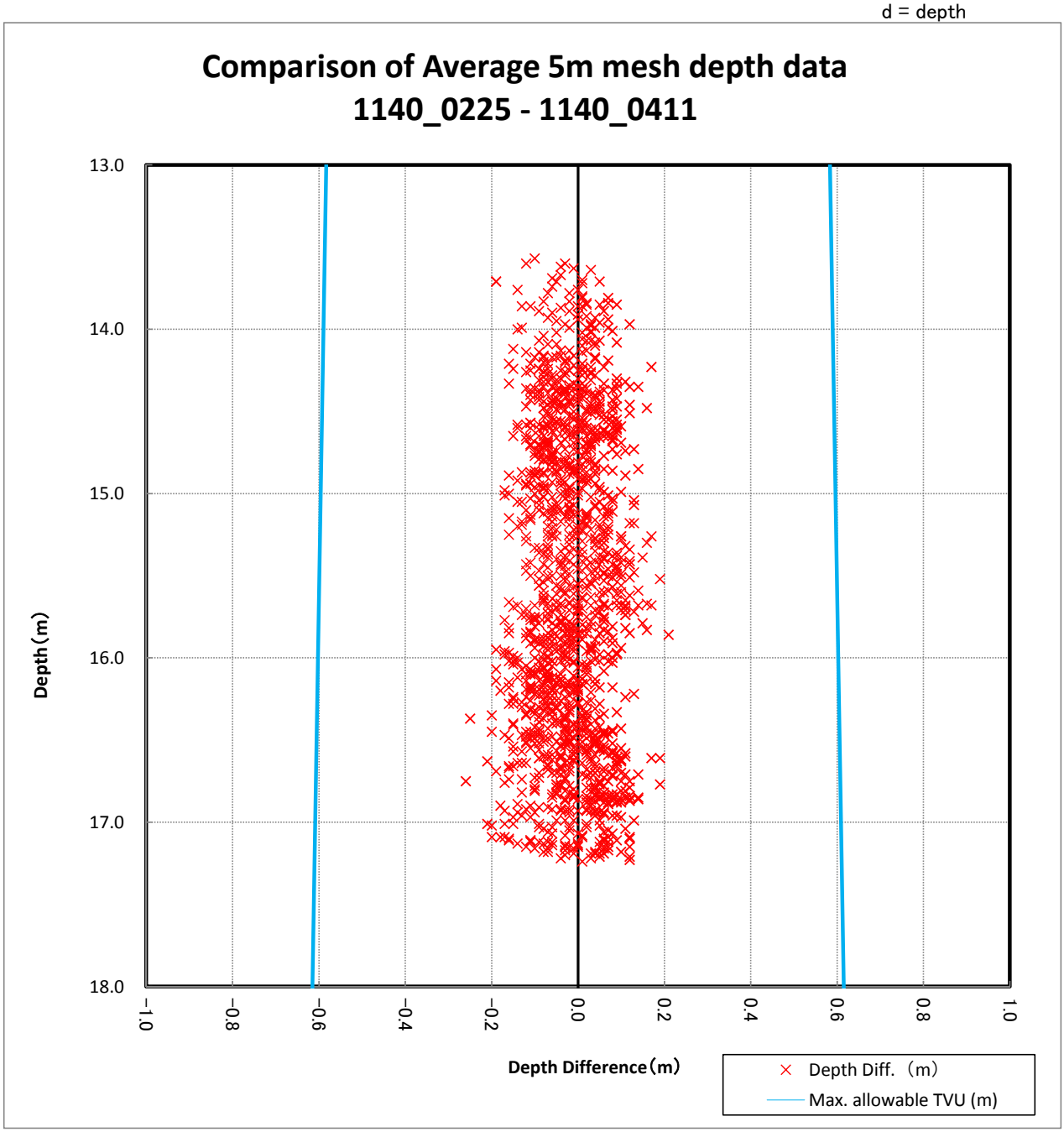


Multi-beam Echosounder Data Inspection

No.41

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_1140_0225
LAS1_1140_0411
Number of data 1,457

Number of valid data: 1,457
Number of invalid data: 0
Mean Difference: −0.02 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

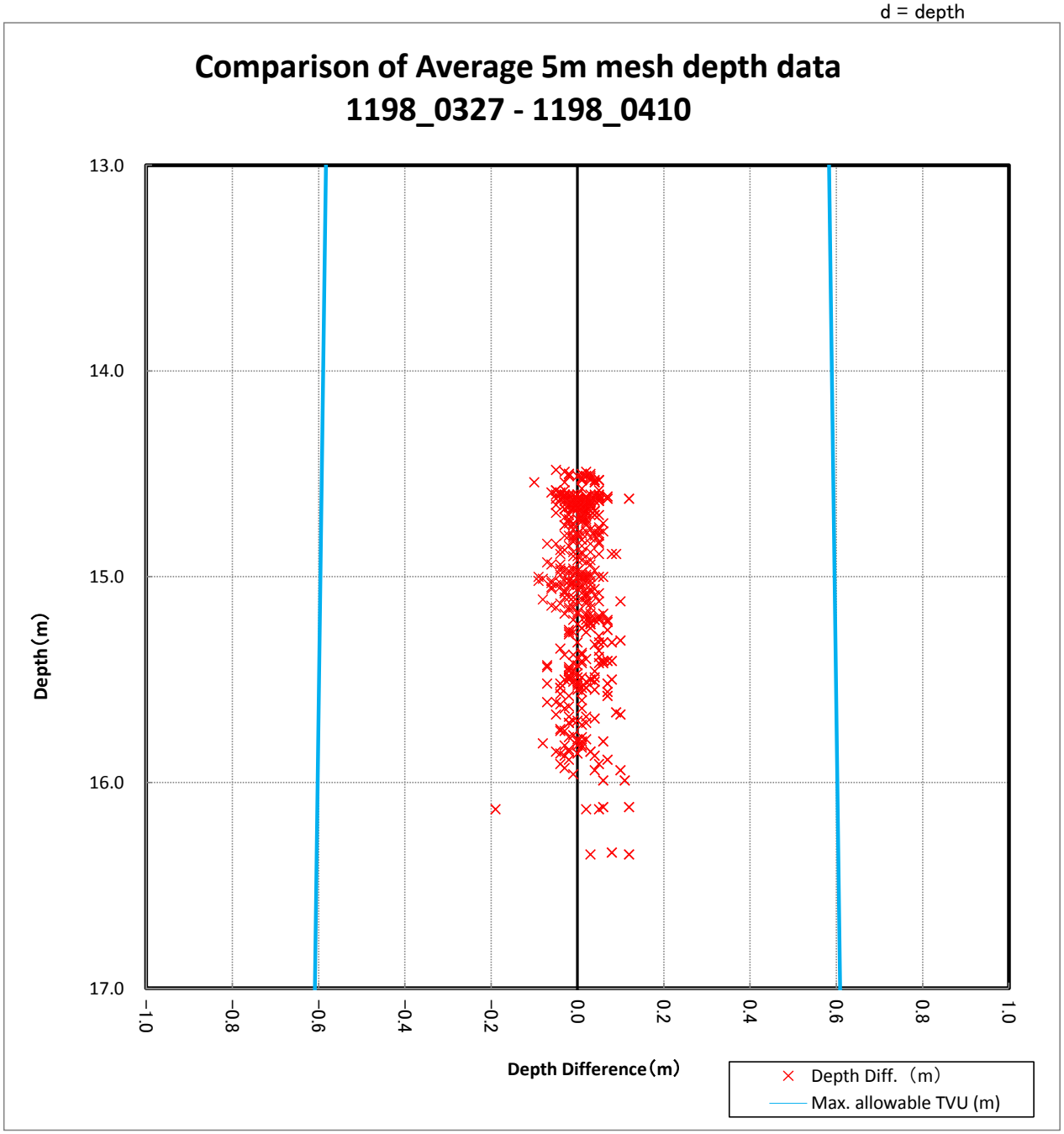


Multi-beam Echosounder Data Inspection

No.42

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_1198_0327
LAS1_1198_0410
Number of data 458

Number of valid data: 458
Number of invalid data: 0
Mean Difference: 0.01 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

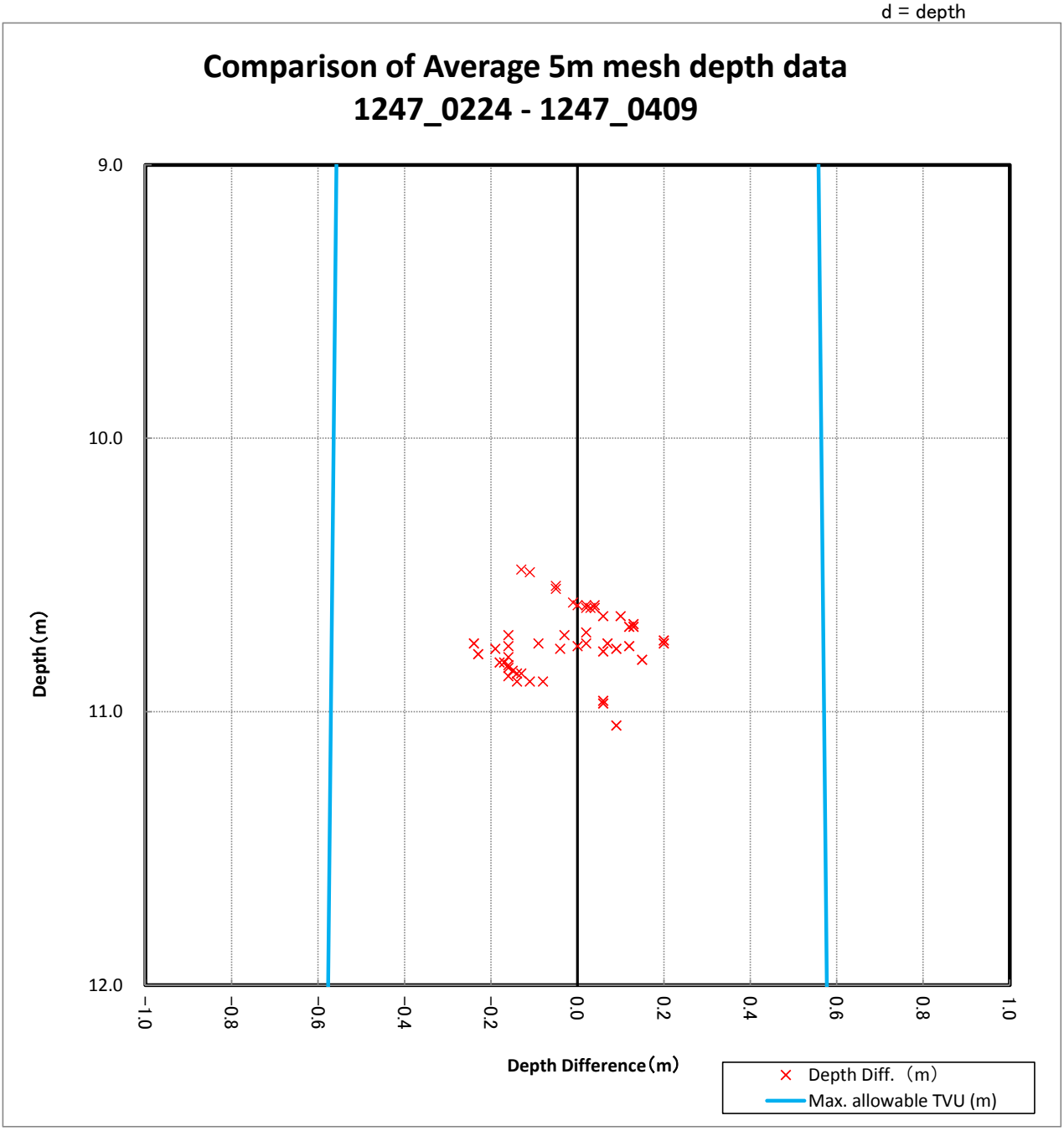


Multi-beam Echosounder Data Inspection

No.43

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS1_1247_0224
LAS1_1247_0409
Number of data 49

Number of valid data: 49
Number of invalid data: 0
Mean Difference: −0.03 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

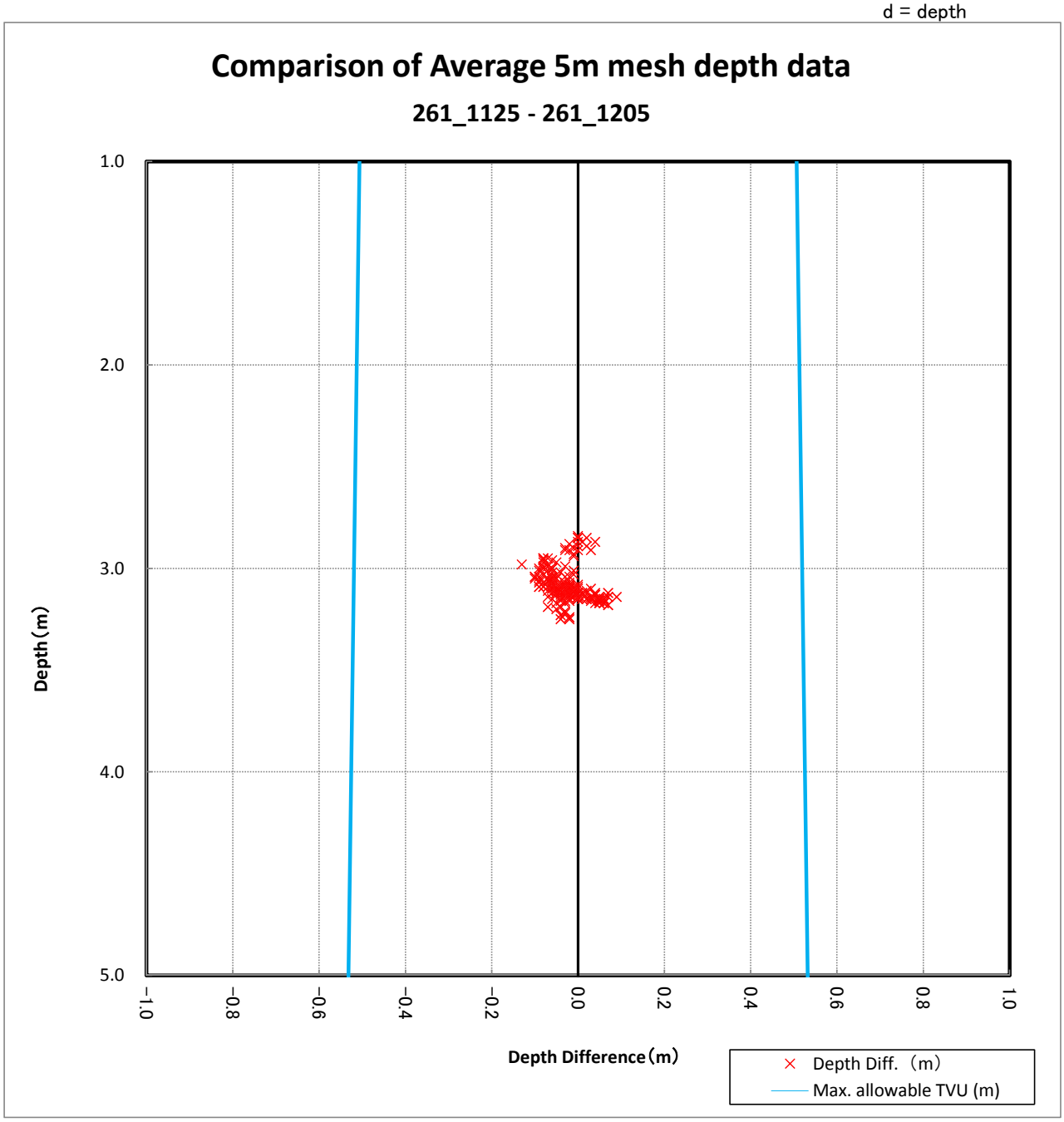


Multi-beam Echosounder Data Inspection

No.44

Area: Sihanoukville harbour
Order: 1b
Survey Line: LAS2_261_1125
LAS2_261_1205
Number of data 213

Number of valid data: 213
Number of invalid data: 0
Mean Difference: −0.03 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

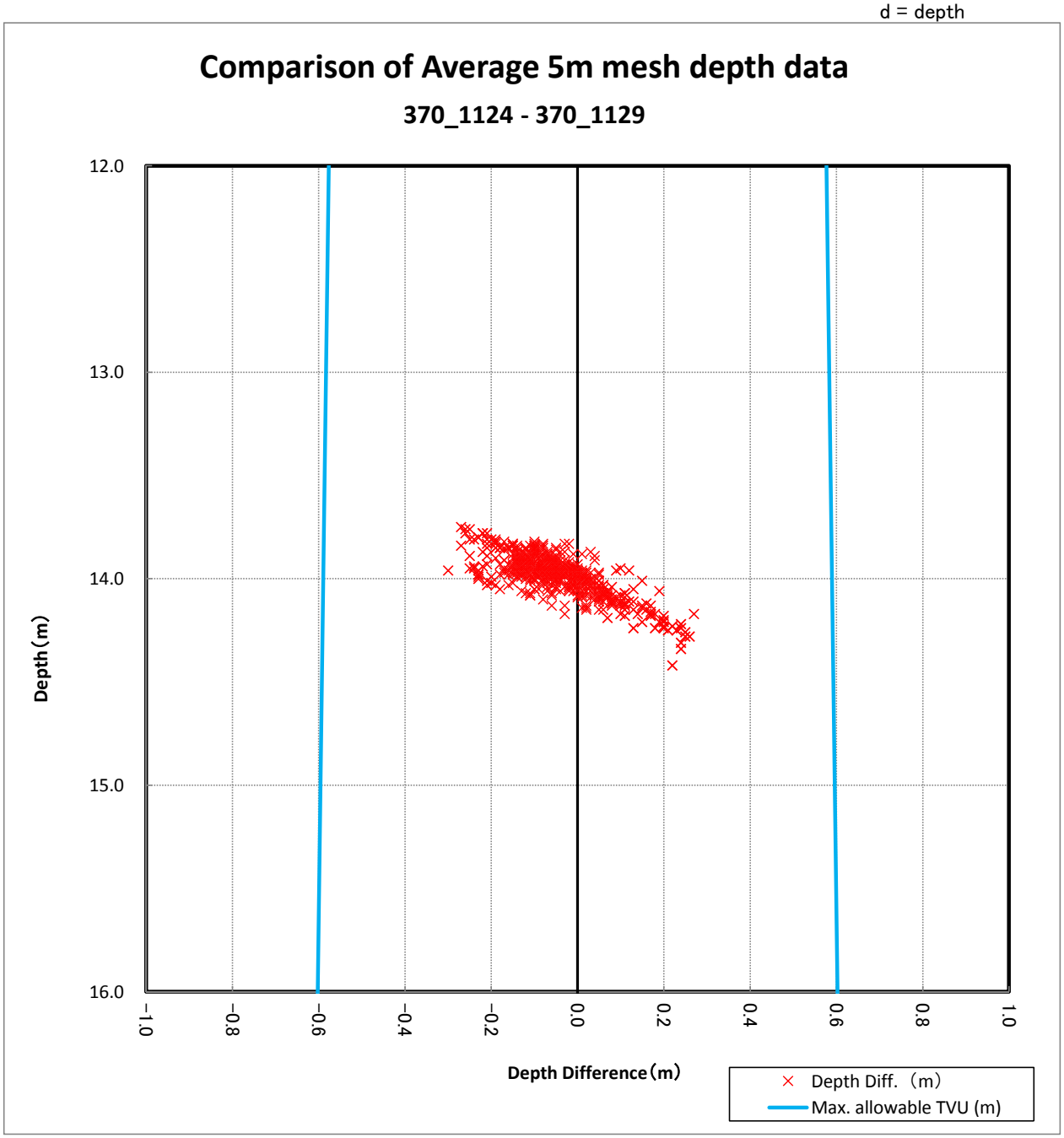


Multi-beam Echosounder Data Inspection

No.45

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS2_370_1124
LAS2_370_1129
Number of data 572

Number of valid data: 572
Number of invalid data: 0
Mean Difference: −0.05 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

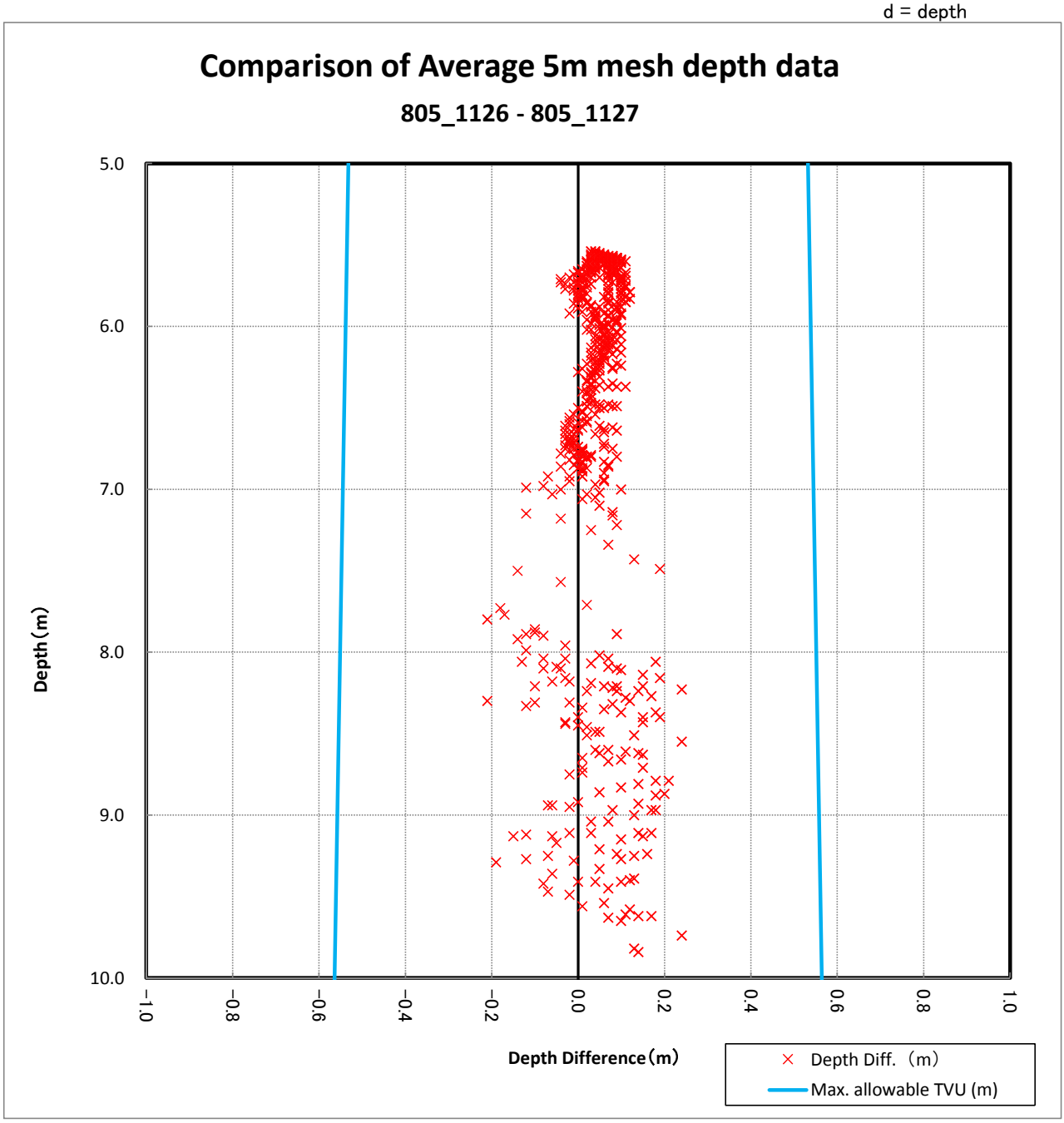


Multi-beam Echosounder Data Inspection

No.46

Area: Sihanoukville harbour
Order: 1b
Survey Line: LAS2_805_1126
LAS2_805_1127
Number of data 595

Number of valid data: 595
Number of invalid data: 0
Mean Difference: 0.04 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

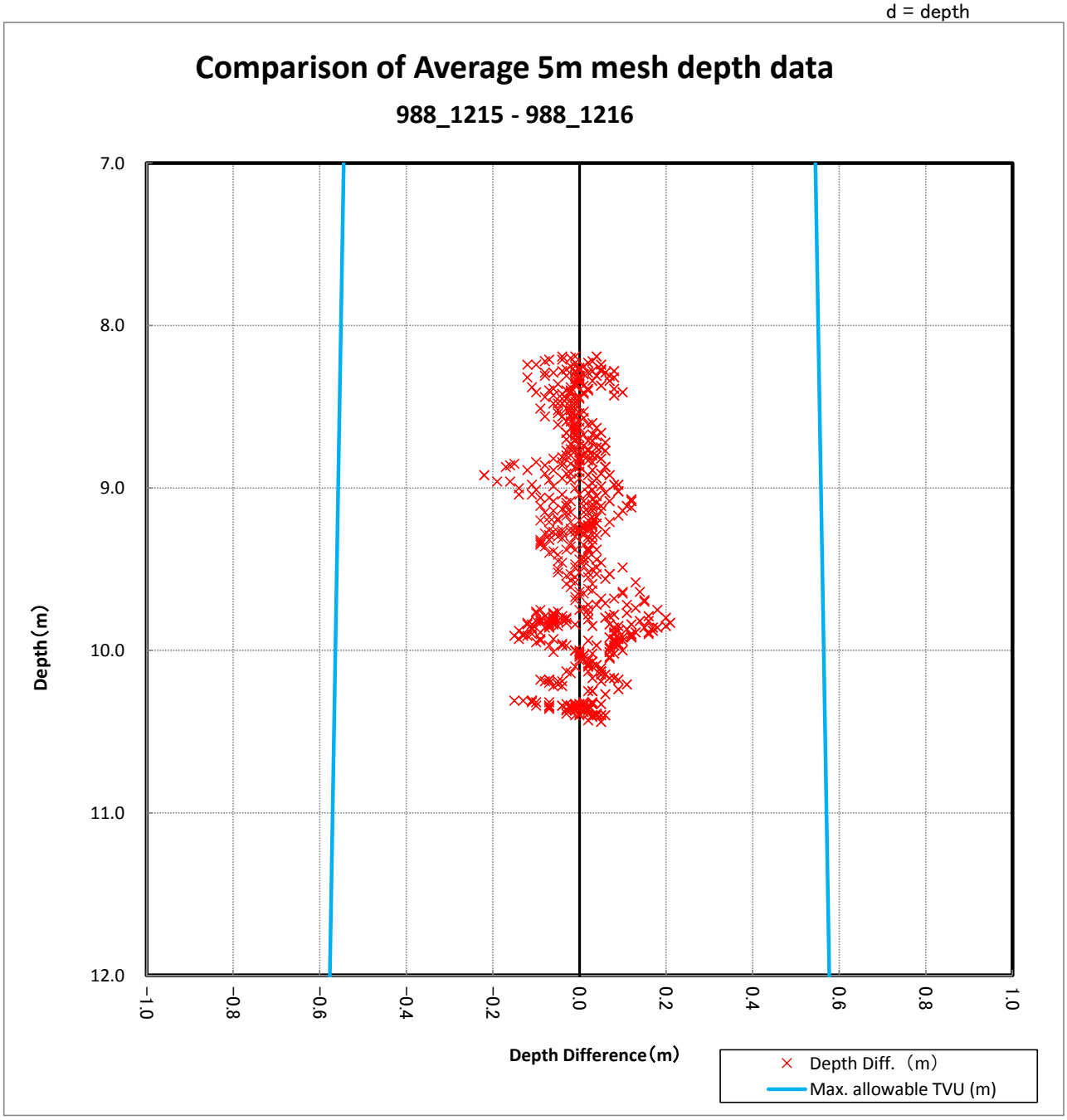


Multi-beam Echosounder Data Inspection

No.47

Area : Sihanoukville harbour
Order : 1a,1b
Survey Line : LAS2_988_1215
LAS2_988_1216
Number of data 587

Number of valid data : 587
Number of invalid data : 0
Mean Difference : 0.00 m
Maximum allowable TVU : $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

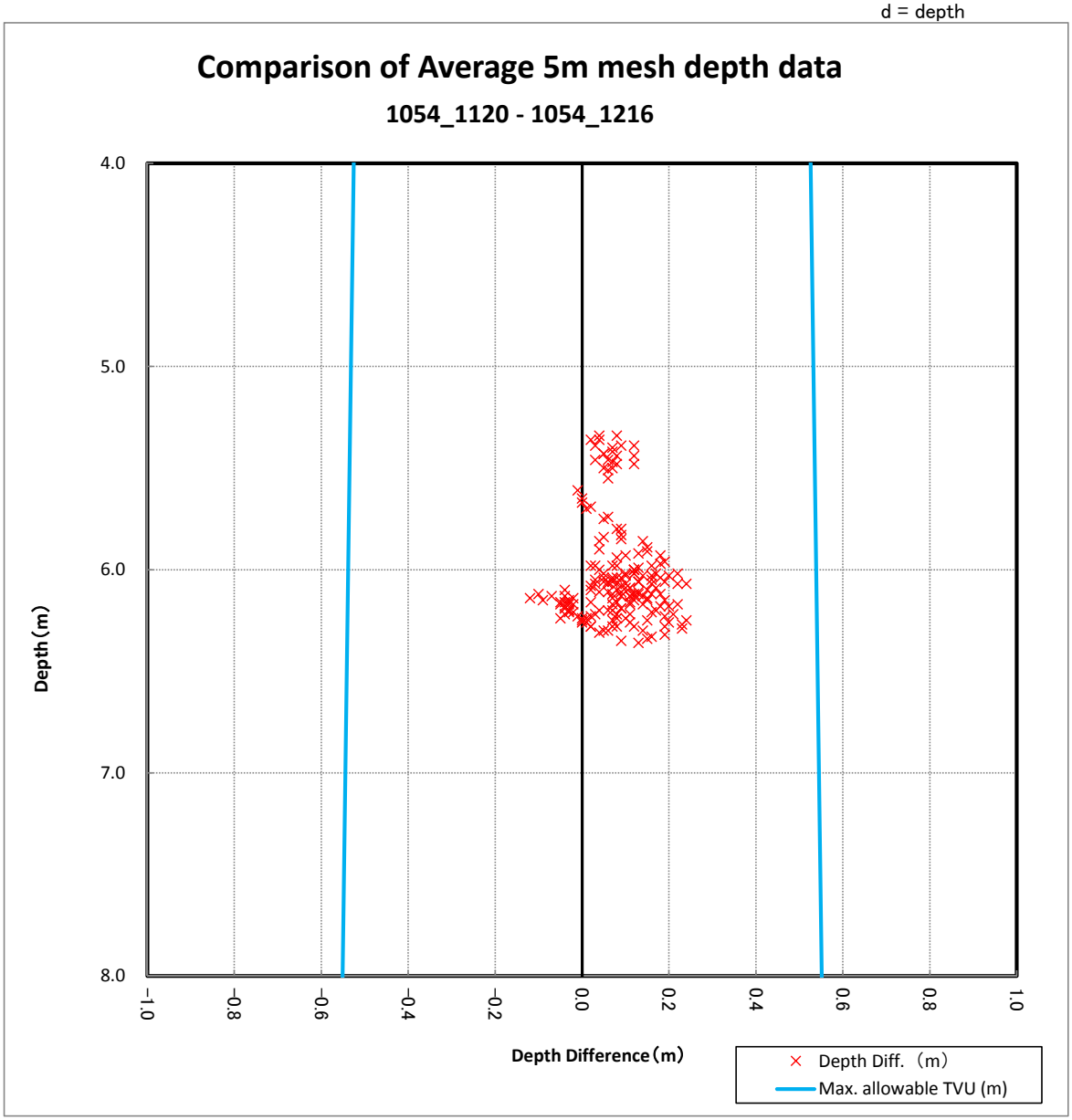


Multi-beam Echosounder Data Inspection

No.48

Area : Sihanoukville harbour
Order : 1b
Survey Line : LAS2_1054_1120
LAS2_1054_1216
Number of data 193

Number of valid data : 193
Number of invalid data : 0
Mean Difference : 0.08 m
Maximum allowable TVU : $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

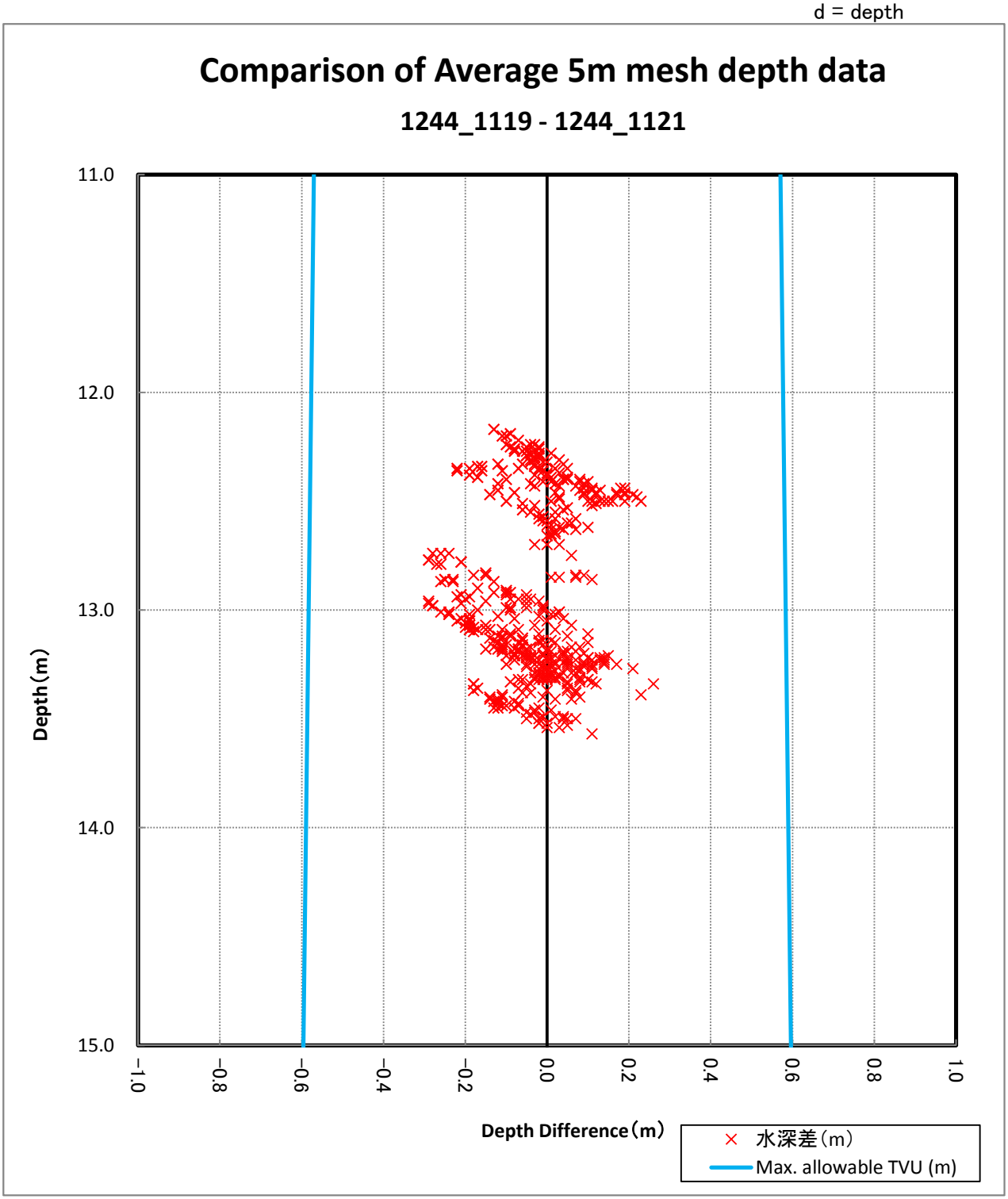


Multi-beam Echosounder Data Inspection

No.49

Area: Sihanoukville harbour
Order: 1a
Survey Line: LAS2_1244_1119
LAS2_1244_1121
Number of data 447

Number of valid data: 447
Number of invalid data: 0
Mean Difference: −0.03 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

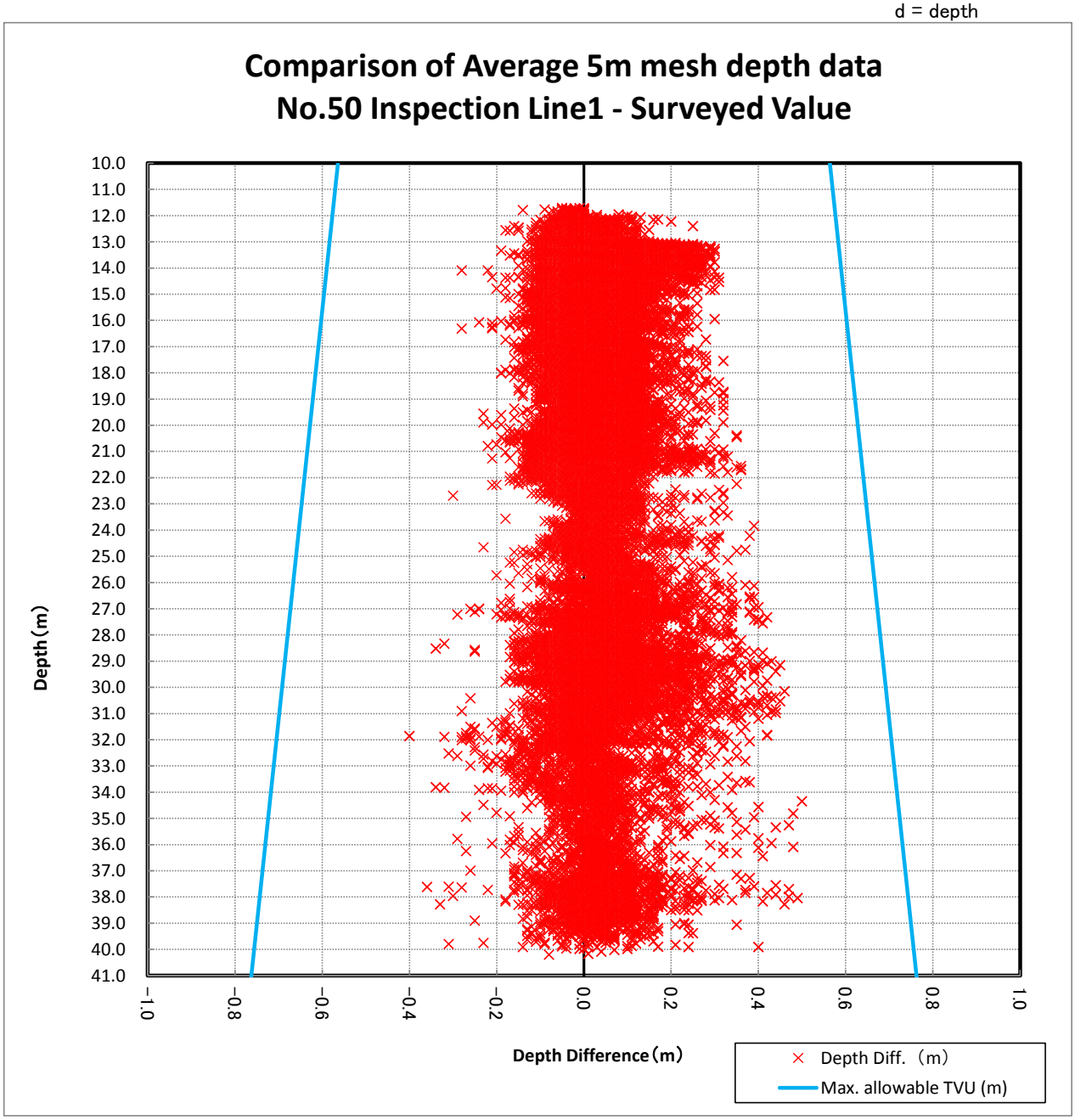


Multi-beam Echosounder Data Inspection

No.50

Area: Sihanoukville harbour
Order: 1a
Survey Line: Inspection Line1
Surveyed Value
Number of data 62,248

Number of valid data: 62,248
Number of invalid data: 0
Mean Difference: 0.02 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

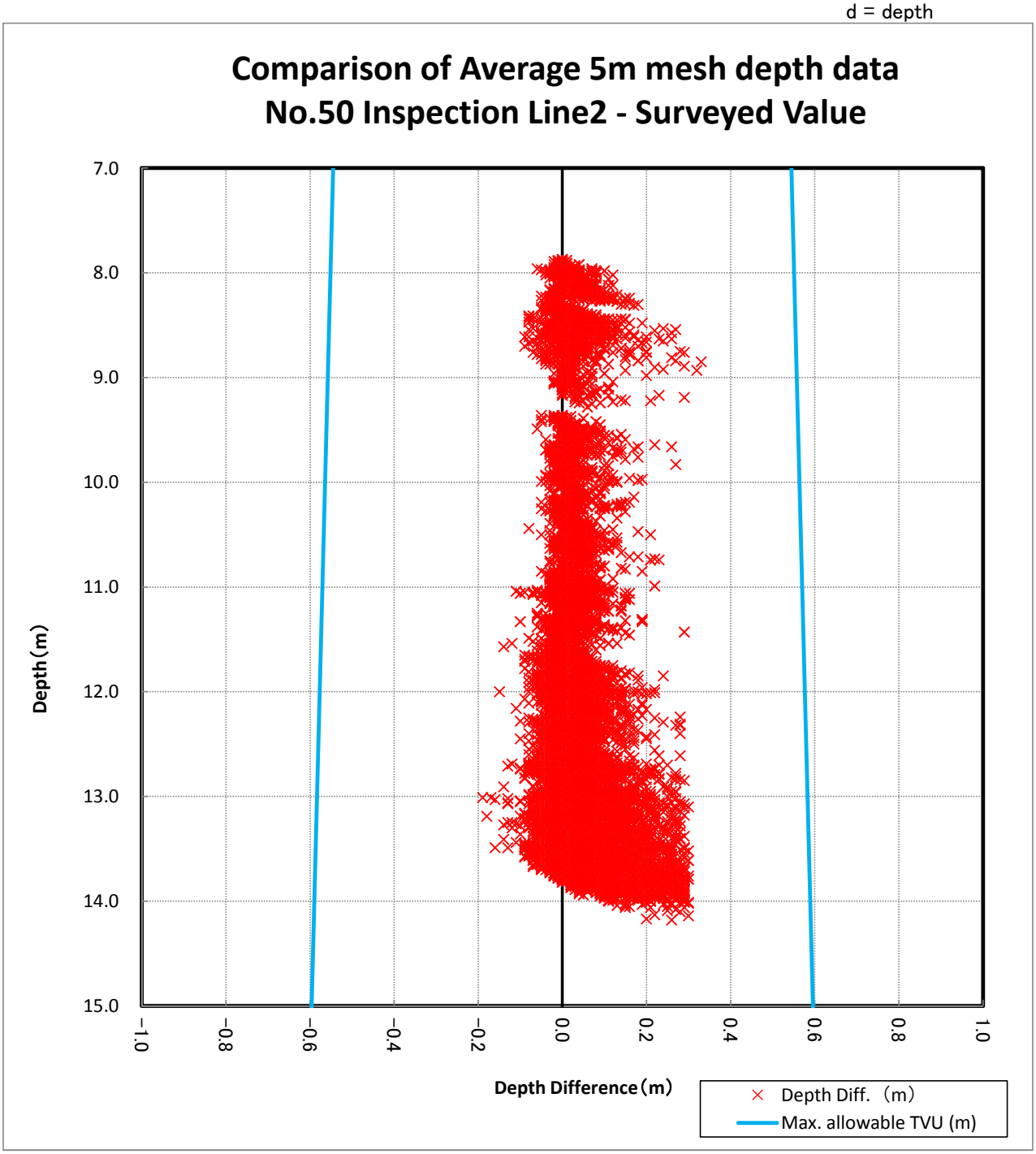


Multi-beam Echosounder Data Inspection

No.51

Area : Sihanoukville harbour
Order : 1a,1b
Survey Line : Inspection Line2
Surveyed Value
Number of data 27,440

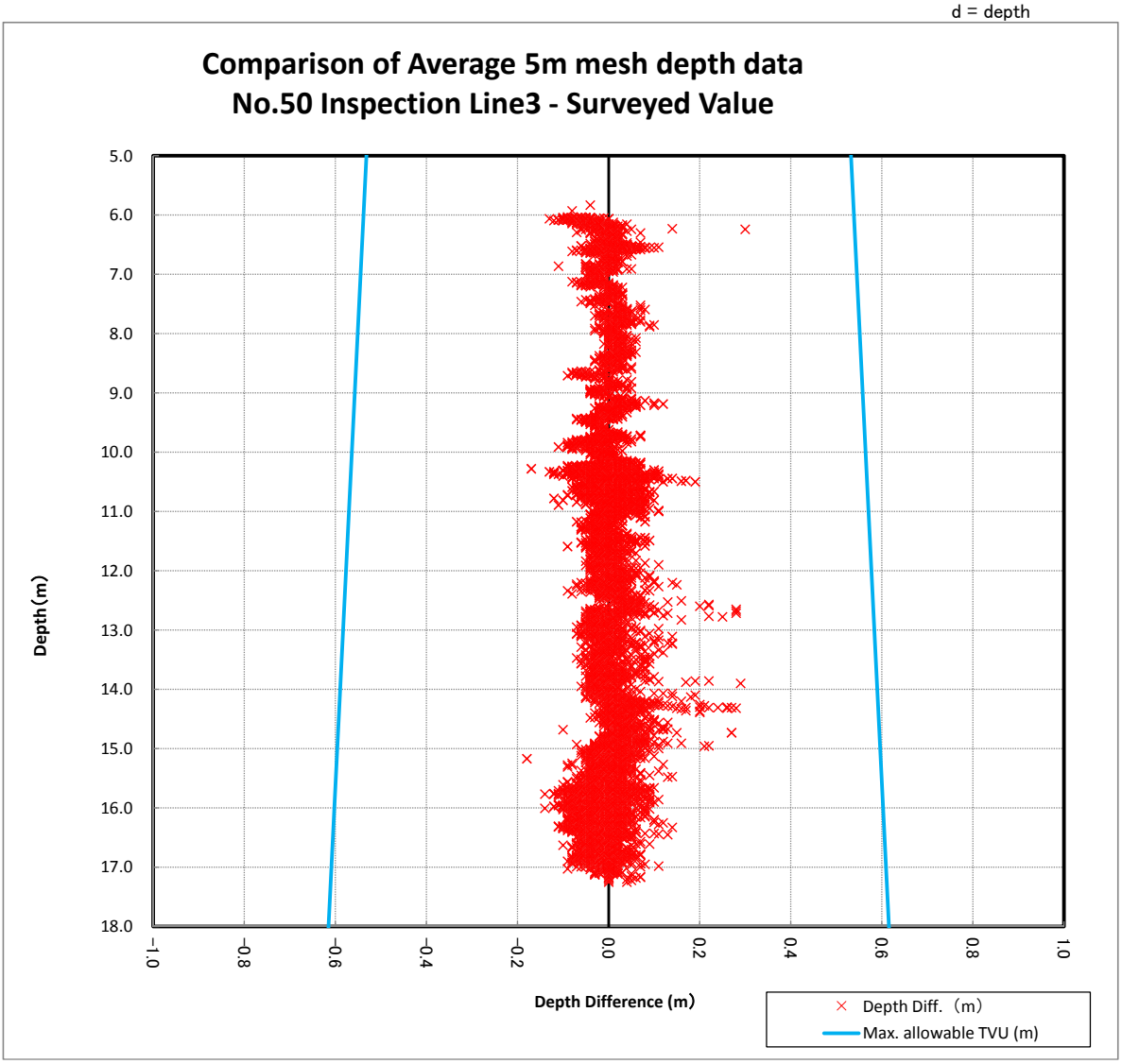
Number of valid data : 27,440
Number of invalid data : 0
Mean Difference : 0.03 m
Maximum allowable TVU : $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

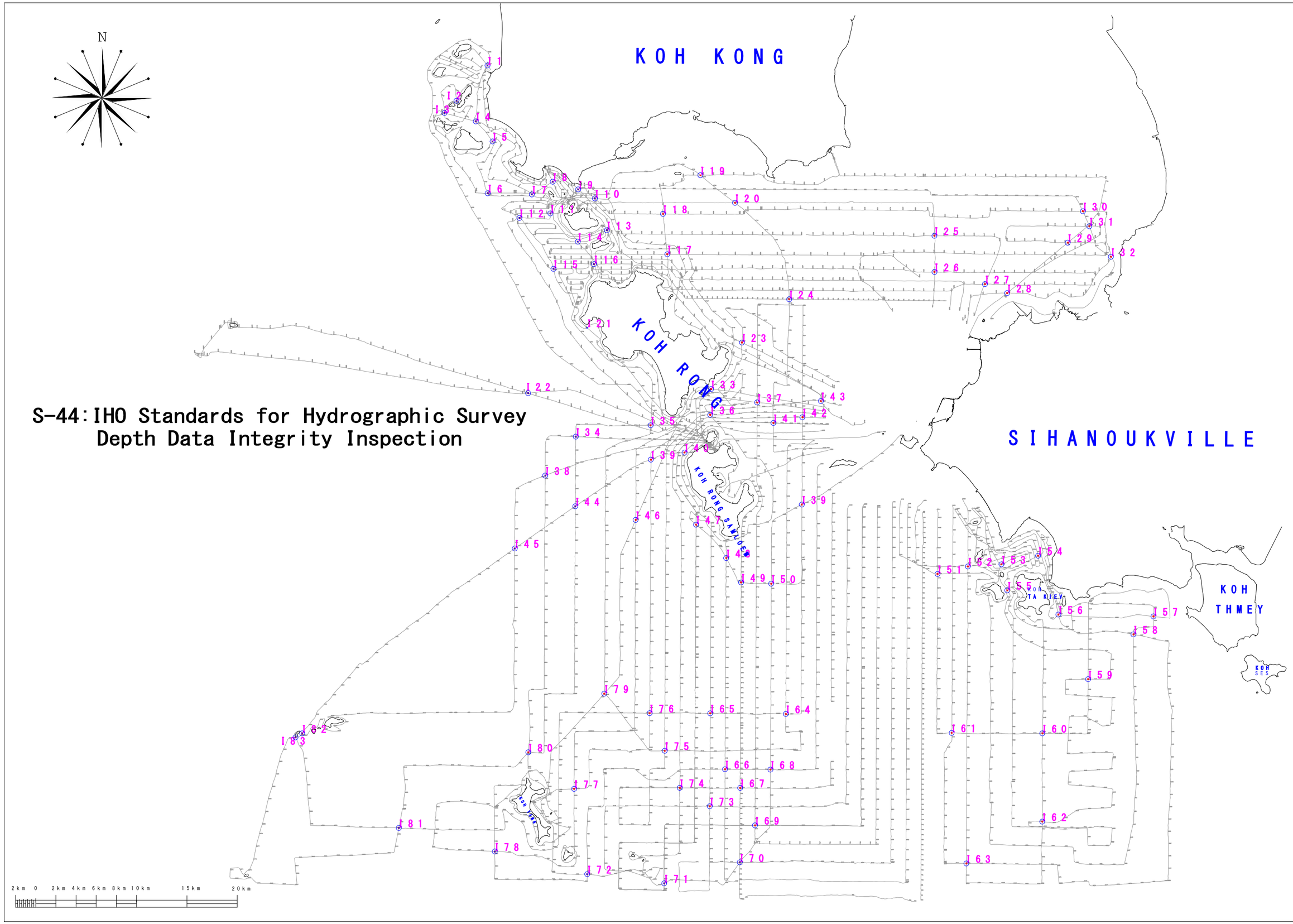


Multi-beam Echosounder Data Inspection No.52

Area: Sihanoukville harbour
Order: 1a,1b
Survey Line: Inspection Line3
Surveyed Value
Number of data 12,190

Number of valid data: 12,190
Number of invalid data: 0
Mean Difference: 0.00 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth




N
KOH KONG
KOH RONG
SIHANOUKVILLE
KOH THMEY
KOH SES
KOH TA KIEV
KOH RONG SAMLOEM
KOH TEAN
S-44:IHO Standards for Hydrographic Survey
Depth Data Integrity Inspection
2km 0 2km 4km 6km 8km 10km 15km 20km

S-44 Multi-beam Echosounder Data Accuracy Inspection

Area : Kampong Saom Bay Coastal

Inspection Sample No	Survey Data Sample 1		Survey Data Sample 2		Total Number of Sample data	Invalid data		Mean Difference (m)	Result
	Survey Date	Survey Line name	Surveyed Date	File name		Number of data	Percentage(%)		
I1	04/07/2016	000_0902	05/05/2016	046_1115	59	2	3.39	0.21	Valid
I2	04/07/2016	000_1050	04/07/2016	000_1050	83	0	0.00	-0.01	Valid
I3	04/06/2016	EW27_0001	04/07/2016	000_1050	80	0	0.00	0.02	Valid
I4	04/06/2016	EW27_0001	05/05/2016	046_1115	29	0	0.00	0.18	Valid
I5	04/07/2016	000_1142	05/05/2016	046_1115	20	0	0.00	0.05	Valid
I6	04/06/2016	EW25_0001	05/05/2016	046_1115	196	0	0.00	0.29	Valid
I7	04/07/2016	000_1234	05/05/2016	046_1213	78	0	0.00	0.14	Valid
I8	04/05/2016	EW11_0005	05/05/2016	046_1213	42	0	0.00	0.10	Valid
I9	03/28/2016	EW25	04/05/2016	EW11_0003	72	0	0.00	-0.08	Valid
I10	04/06/2016	EW19_0001	04/07/2016	000_1312	47	0	0.00	0.02	Valid
I11	04/05/2016	EW13_0002	04/06/2016	EW19_0003	111	0	0.00	0.00	Valid
I12	04/25/2016	014_1412_0	04/05/2016	EW13_0002	203	4	1.97	-0.27	Valid
I13	03/29/2016	EW5	03/29/2016	EW7	171	0	0.00	0.00	Valid
I14	03/16/2016	000_1134	04/04/2016	EW14	178	0	0.00	-0.01	Valid
I15	04/25/2016	014_1412_0	04/04/2016	EW8_0007	245	0	0.00	-0.26	Valid
I16	03/30/2016	EW9_0002	03/28/2016	EW27	207	0	0.00	0.00	Valid
I17	03/21/2016	NR1_0004	04/05/2016	EW11_0002	94	0	0.00	-0.01	Valid
I18	04/06/2016	EW19	03/21/2016	NR1_0004	133	0	0.00	0.01	Valid
I19	03/21/2016	NR1_0002	05/05/2016	M6000	71	0	0.00	0.06	Valid
I20	03/16/2016	000_1308	05/05/2016	M6000	128	0	0.00	0.15	Valid
I21	03/28/2016	EW27	04/04/2016	EW8_0008	144	0	0.00	-0.06	Valid
I22	04/27/2016	021_1257	04/27/2016	021_0842	354	0	0.00	-0.06	Valid
I23	03/29/2016	EW9	05/02/2016	S22_0008	218	0	0.00	0.23	Valid
I24	03/16/2016	N2	05/05/2016	M6000_0001	95	1	1.05	0.10	Valid
I25	03/16/2016	000_1308	04/04/2016	EW15_0001	48	0	0.00	-0.02	Valid
I26	03/16/2016	000_1308	03/25/2016	008_1005	64	0	0.00	-0.03	Valid
I27	03/25/2016	005_0910	04/04/2016	EW15	103	0	0.00	-0.05	Valid
I28	03/21/2016	000_0839	04/06/2016	EW20_0001	88	0	0.00	0.07	Valid
I29	03/21/2016	000_0915	03/25/2016	014_1250	79	0	0.00	-0.05	Valid
I30	03/28/2016	EW24	04/06/2016	EW20_0003	31	0	0.00	-0.06	Valid
I31	03/28/2016	EW24	03/25/2016	017_1348	34	0	0.00	-0.15	Valid
I32	03/28/2016	EW24	04/06/2016	EW20_0002	25	0	0.00	-0.05	Valid
I33	04/04/2016	EW8_0009	04/25/2016	016_1624	91	0	0.00	0.16	Valid
I34	05/04/2016	S39	04/26/2016	016_0848	301	0	0.00	-0.01	Valid
I35	04/26/2016	016_0809	04/25/2016	014_1243	307	0	0.00	0.07	Valid
I36	04/21/2016	S31_0002	05/02/2016	S22_0007	205	0	0.00	-0.04	Valid
I37	04/05/2016	EW13_0004	03/23/2016	S24_0002	167	0	0.00	-0.02	Valid
I38	05/04/2016	S38	05/04/2016	S40_0004	371	0	0.00	-0.10	Valid
I39	04/26/2016	021_1600	04/22/2016	S31_0004	299	0	0.00	-0.02	Valid
I40	03/22/2016	S27_0004	04/26/2016	021_1600	197	0	0.00	0.23	Valid
I41	03/24/2016	S1	05/05/2016	M6000_0001	228	0	0.00	0.18	Valid
I42	04/18/2016	S30_0001	03/23/2016	S21	130	0	0.00	-0.12	Valid
I43	03/21/2016	NR1_0006	03/28/2016	EW2	123	0	0.00	0.02	Valid
I44	04/26/2016	016_0848	04/26/2016	021_1515	317	0	0.00	0.11	Valid
I45	04/26/2016	021_1515	05/04/2016	S40_0004	334	0	0.00	-0.11	Valid
I46	04/23/2016	S32	05/04/2016	S25_0004	286	0	0.00	-0.22	Valid
I47	03/24/2016	S28_0002	05/02/2016	S22_0006	315	0	0.00	0.21	Valid
I48	03/18/2016	S26_0002	05/02/2016	S22_0005	394	0	0.00	0.19	Valid
I49	03/17/2016	S25_0001	05/02/2016	S22_0005	356	1	0.28	0.44	Valid

S-44 Multi-beam Echosounder Data Accuracy Inspection

Area : Kampong Saom Bay Coastal

Inspection Sample No	Survey Data Sample 1		Survey Data Sample 2		Total Number of Sample data	Invalid data		Mean Difference (m)	Result
	Survey Date	Survey Line name	Surveyed Date	File name		Number of data	Percentage(%)		
I50	05/02/2016	S22_0005	05/04/2016	S23_0001	325	0	0.00	-0.30	Valid
I51	04/01/2016	S12	04/29/2016	S7	196	0	0.00	0.13	Valid
I52	04/28/2016	S8	04/08/2016	S10	168	0	0.00	-0.07	Valid
I53	04/29/2016	M1500_0005	04/28/2016	S3_0006	148	0	0.00	0.02	Valid
I54	04/08/2016	S5_0005	04/20/2016	S6_0001	28	0	0.00	0.03	Valid
I55	04/29/2016	M1500_0004	04/29/2016	S7	66	0	0.00	-0.07	Valid
I56	04/20/2016	S6_0001	04/08/2016	S5_0004	40	0	0.00	-0.03	Valid
I57	04/01/2016	S3	04/28/2016	S3_0004	53	0	0.00	0.09	Valid
I58	04/28/2016	S8_0005	04/20/2016	S6_0001	77	0	0.00	-0.04	Valid
I59	04/01/2016	S2_0001	04/29/2016	M1500_0003	201	0	0.00	0.11	Valid
I60	04/01/2016	S1_0001	04/08/2016	S5_0002	322	0	0.00	-0.03	Valid
I61	04/20/2016	S11_0001	04/01/2016	S1_0001	294	11	3.74	-0.34	Valid
I62	04/08/2016	S5_0002	04/29/2016	M1500	391	0	0.00	0.15	Valid
I63	04/20/2016	042_1109	04/08/2016	S10_0002	392	7	1.79	-0.29	Valid
I64	04/23/2016	S21_0004	04/25/2016	S22_0003	399	0	0.00	-0.11	Valid
I65	03/22/2016	S27_0002	04/23/2016	S21_0003	352	0	0.00	0.28	Valid
I66	03/18/2016	S26_0001	04/22/2016	S21_0001	331	6	1.81	0.37	Valid
I67	04/21/2016	S20_0001	03/17/2016	S25	343	1	0.29	-0.37	Valid
I68	04/22/2016	S21_0001	05/04/2016	S23_0002	344	0	0.00	-0.31	Valid
I69	03/23/2016	S24	03/24/2016	S18	371	0	0.00	-0.02	Valid
I70-AB	03/22/2016	001_1047	03/17/2016	S25	368	0	0.00	-0.16	Valid
I70-AC	03/22/2016	001_1047	05/04/2016	S23_0002	330	0	0.00	-0.06	Valid
I70-BC	03/17/2016	S25	05/04/2016	S23_0002	344	0	0.00	0.11	Valid
I71	03/24/2016	S30	05/04/2016	S23_0003	372	0	0.00	-0.03	Valid
I72	04/22/2016	014_1135	05/04/2016	S23_0003	389	9	2.31	-0.34	Valid
I73	03/22/2016	S27_0001	04/18/2016	S19	353	0	0.00	0.18	Valid
I74	04/18/2016	S29	04/21/2016	S20_0001	359	0	0.00	0.09	Valid
I75	04/25/2016	S21_0007	04/21/2016	S30_0002	374	0	0.00	0.05	Valid
I76	04/22/2016	S31_0003	04/23/2016	S21_0003	330	0	0.00	0.00	Valid
I77	04/22/2016	015_1345	04/23/2016	016_1004	399	0	0.00	0.06	Valid
I78	04/22/2016	015_1228	04/23/2016	016_1004	320	0	0.00	-0.01	Valid
I79	04/25/2016	014_1153	05/04/2016	S25_0003	350	6	1.71	-0.30	Valid
I80	04/26/2016	017_1021	05/04/2016	S38_0001	385	0	0.00	0.15	Valid
I81	04/26/2016	021_1143	05/04/2016	S40	400	0	0.00	0.05	Valid
I82	04/26/2016	021_1325	05/04/2016	S40_0001	351	0	0.00	-0.06	Valid
I83	04/26/2016	021_1325	05/04/2016	S40_0001	284	0	0.00	0.10	Valid

<Inspection Method>

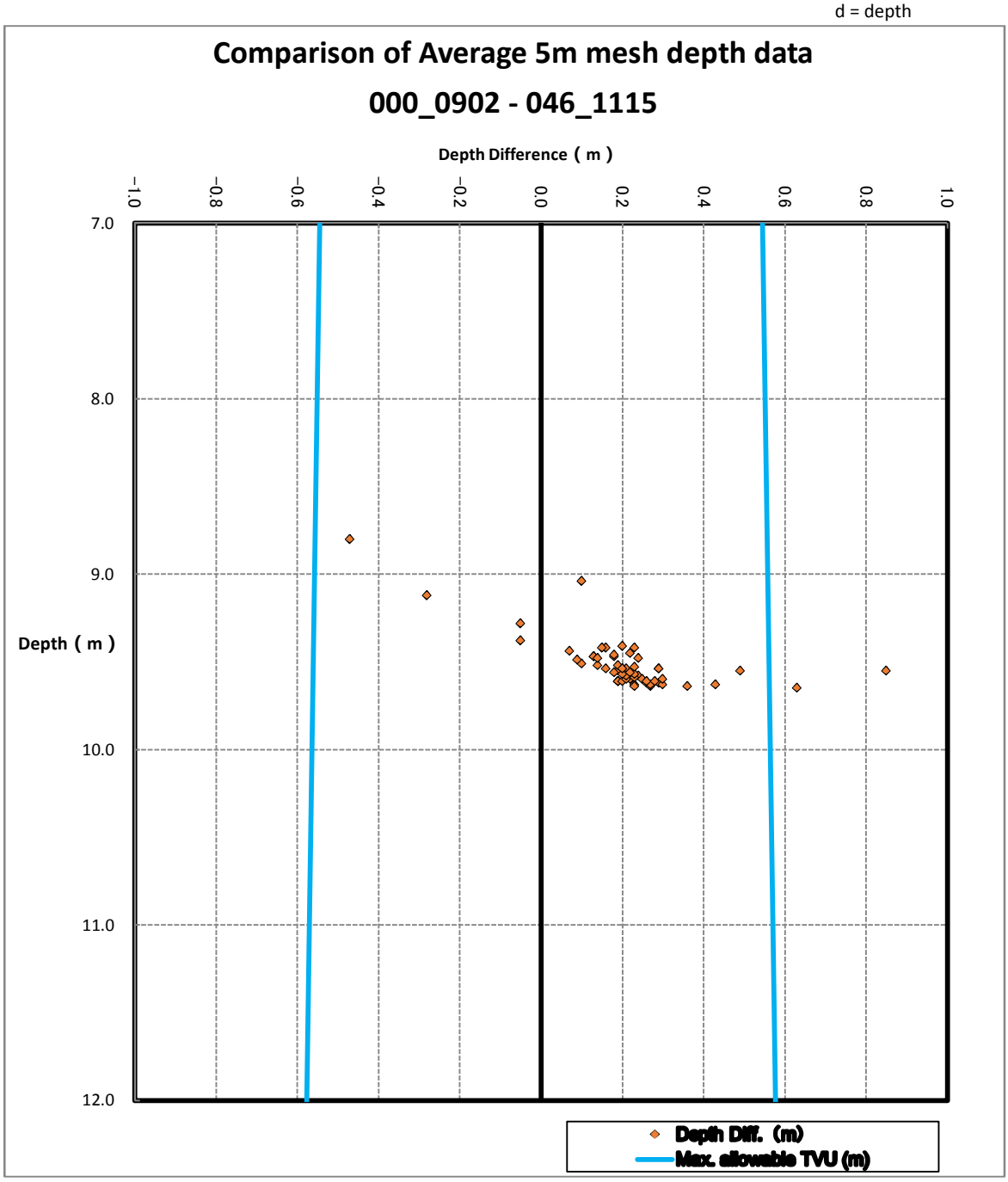
Comparing Post-processed average 5x5m mesh data of 2 survey line data which intersected together, in the same position and compare the depth.

Multi-beam Echosounder Data Inspection

No.I1

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 000_0902
046_1115
Number of data 59

Number of valid data: 57 96.61%
Number of invalid data: 2 3.39%
Mean Difference: 0.21 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

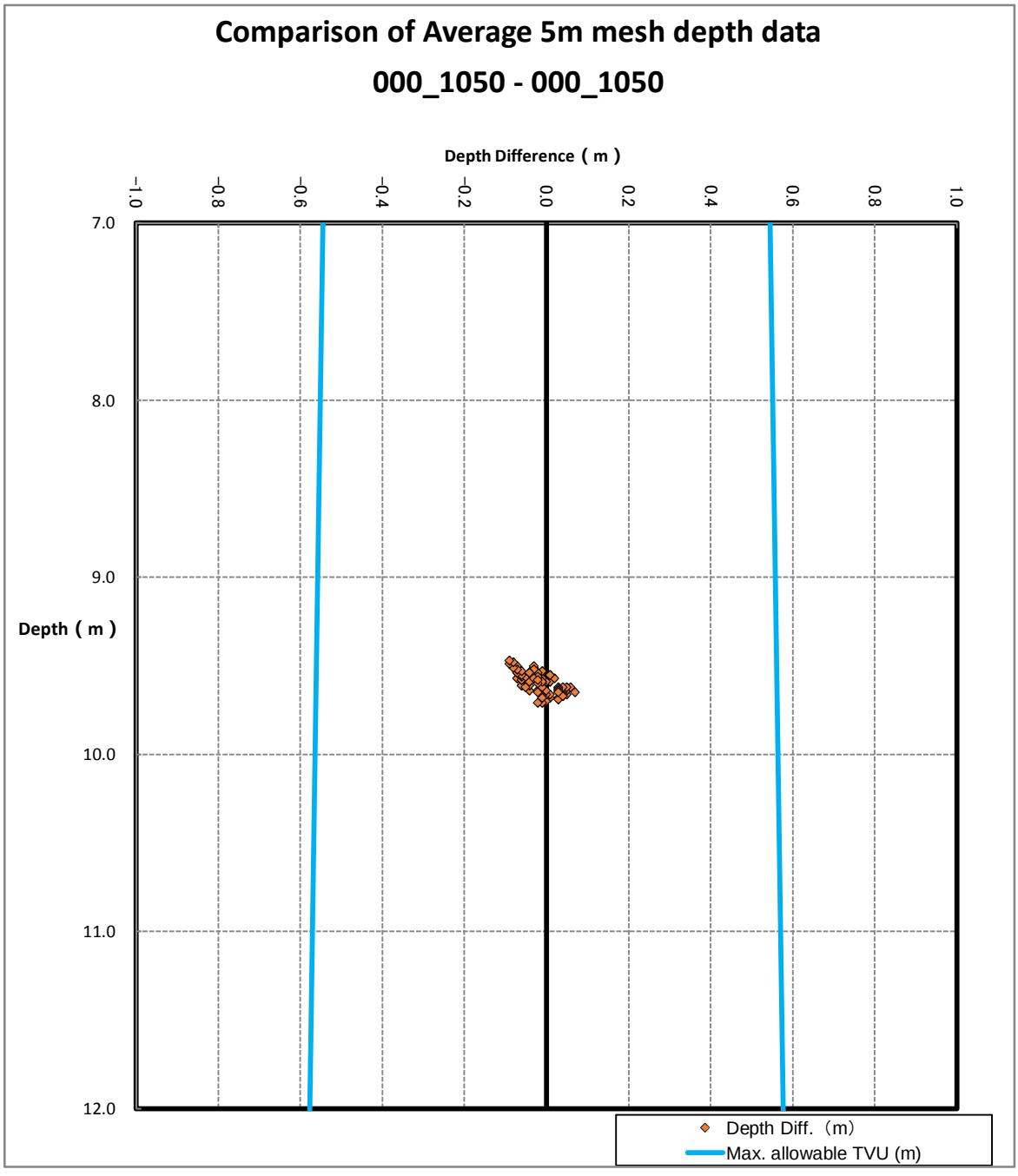


Multi-beam Echosounder Data Inspection

No.I2

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 000_1050
000_1050
Number of data 83

Number of valid data : 83 100.00%
Number of invalid data : 0 0.00%
Mean Difference : −0.01 m
Maximum allowable TVU : $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

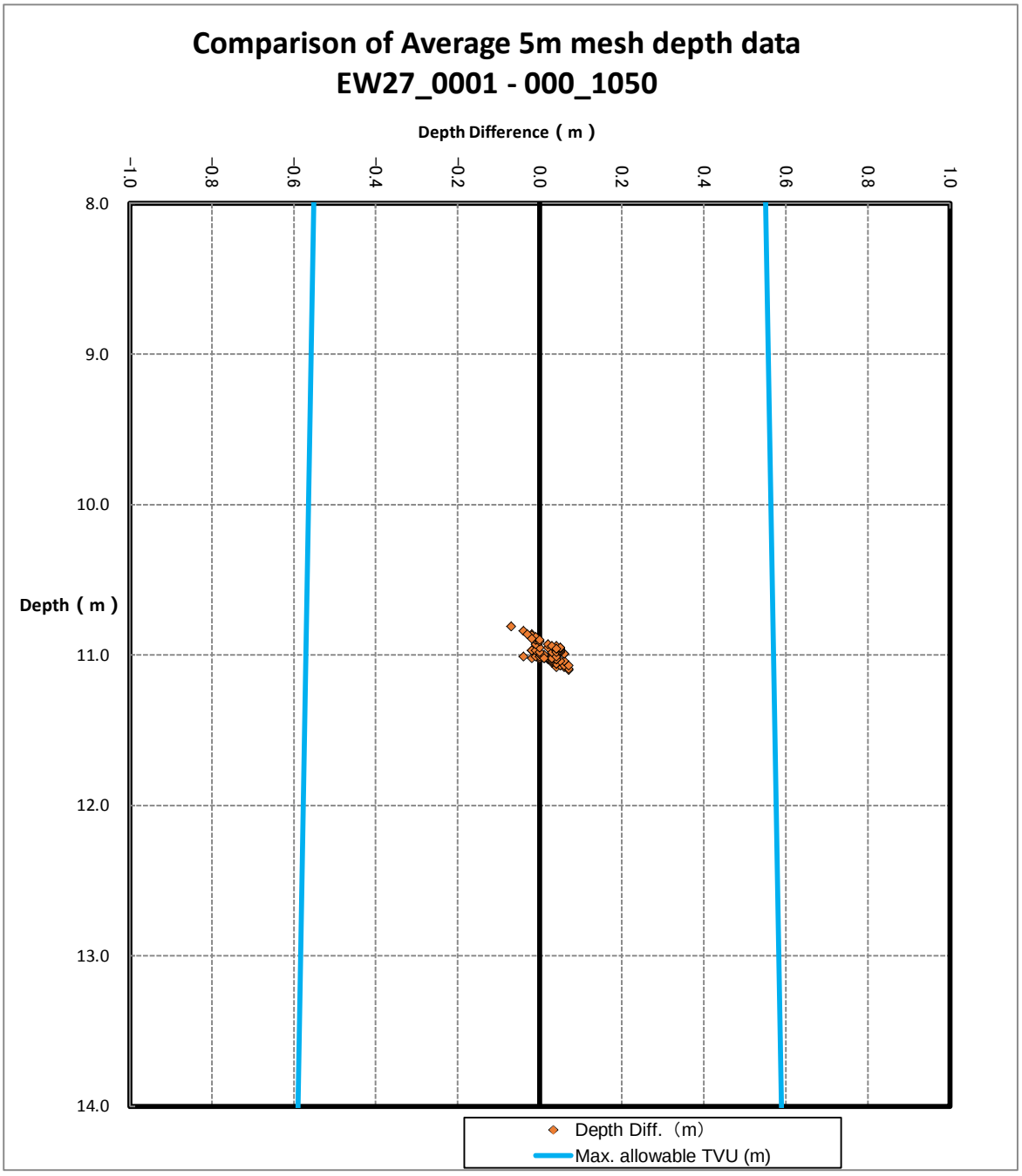


Multi-beam Echosounder Data Inspection

No.I3

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW27_0001
000_1050
Number of data 80

Number of valid data: 80 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.02 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

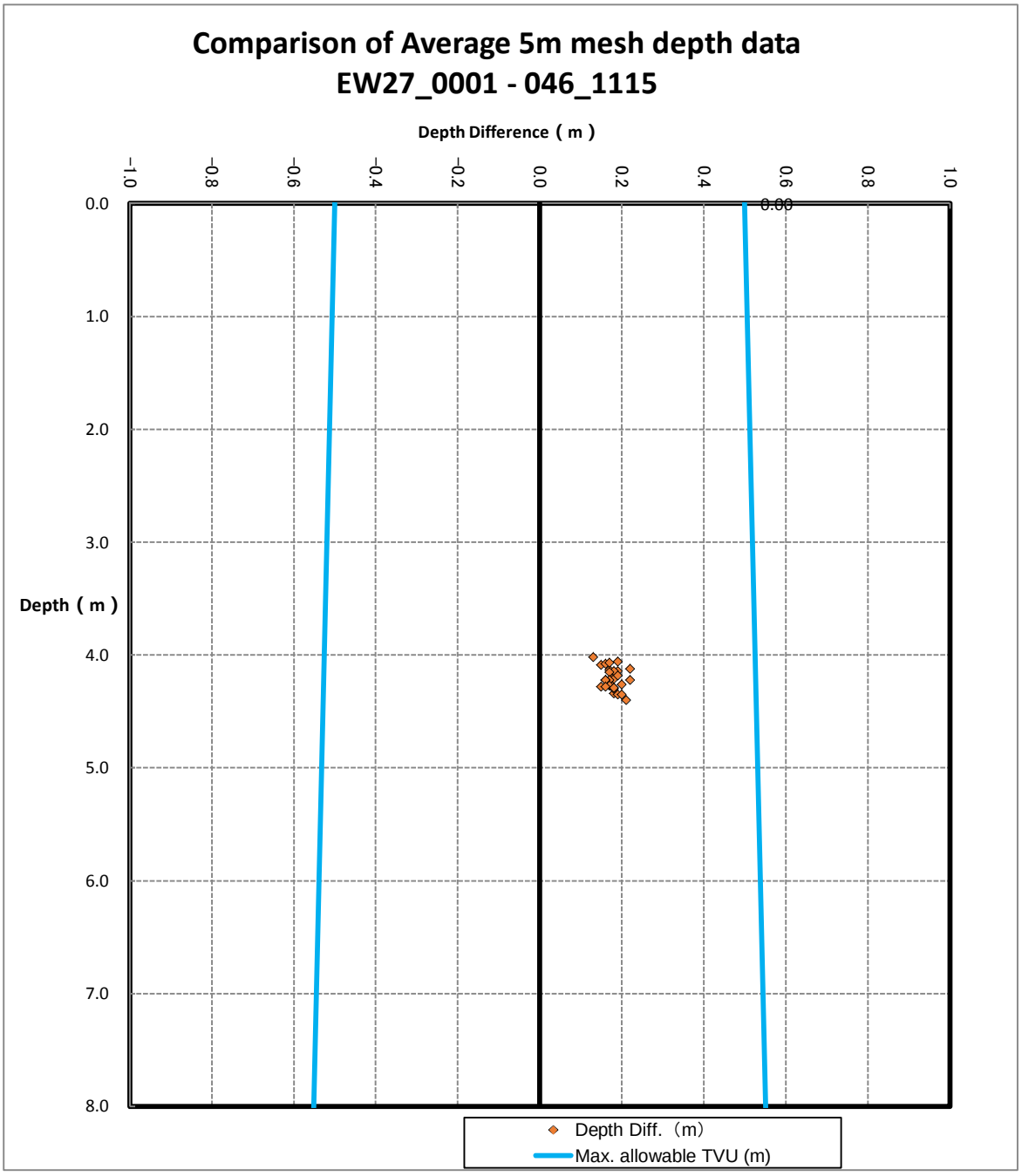


Multi-beam Echosounder Data Inspection

No.I4

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW27_0001
046_1115
Number of data 29

Number of valid data: 29 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.18 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

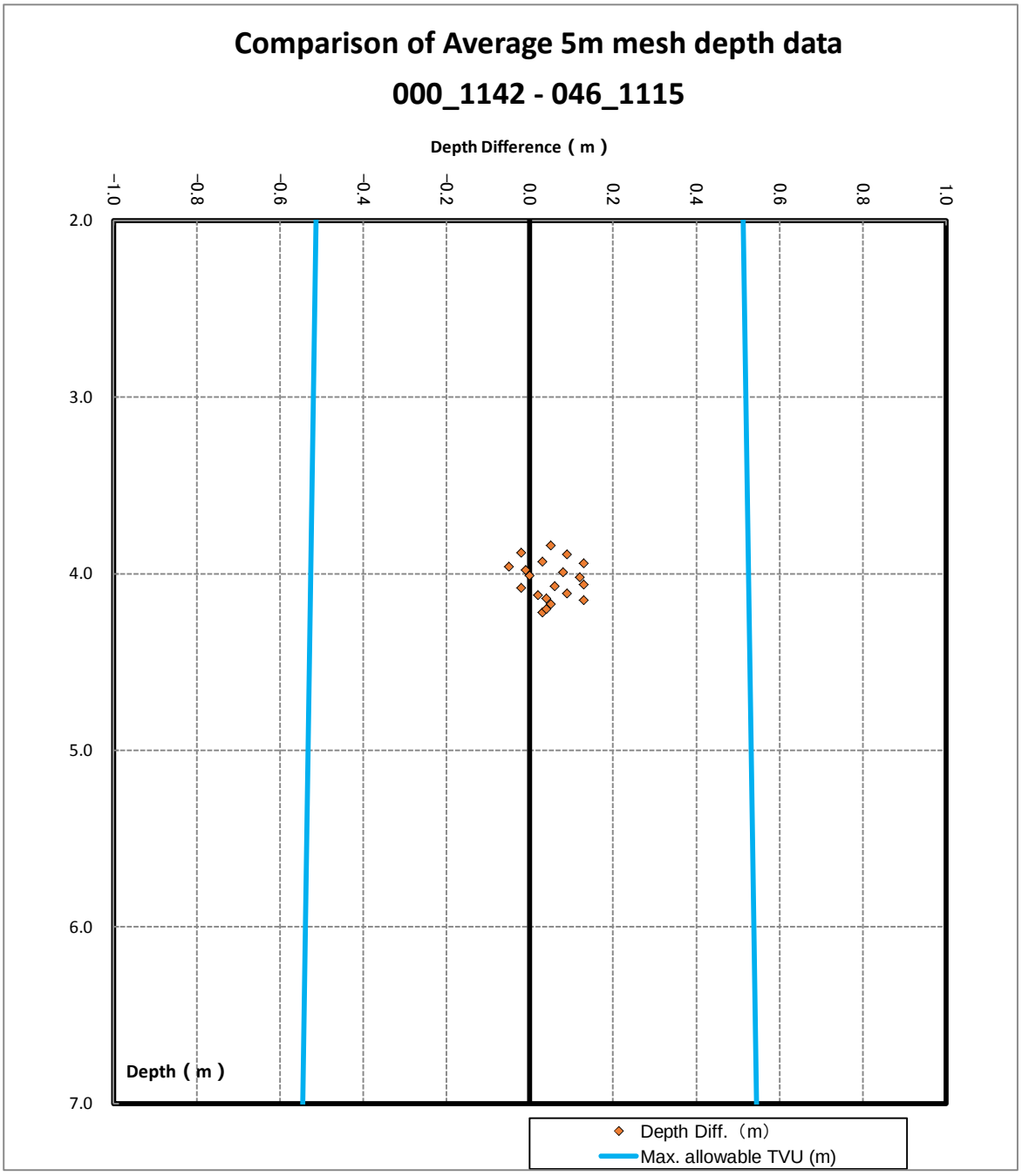


Multi-beam Echosounder Data Inspection

No.I5

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 000_1142
046_1115
Number of data 20

Number of valid data: 20 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.05 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

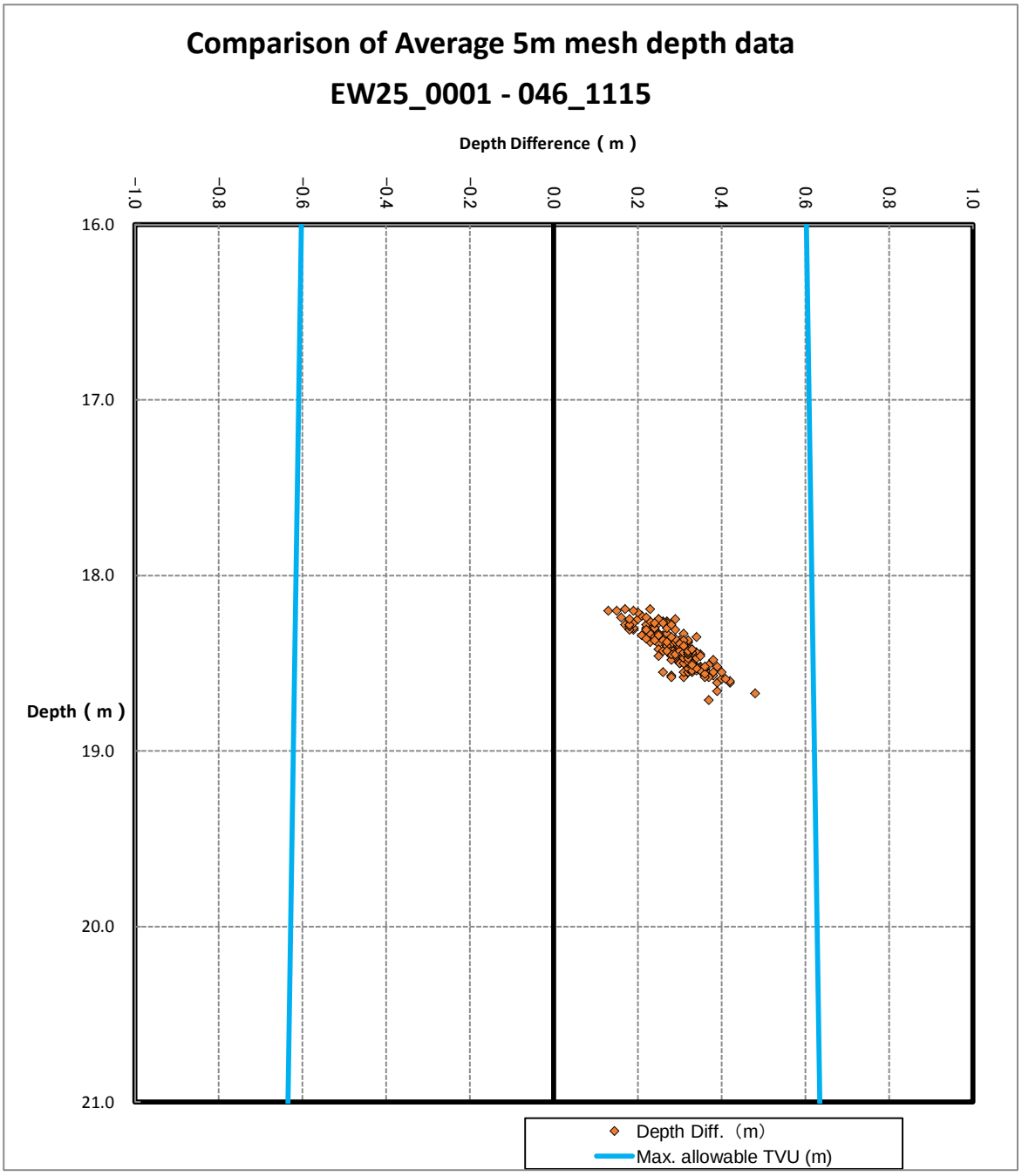


Multi-beam Echosounder Data Inspection

No.I6

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW25_0001
046_1115
Number of data 196

Number of valid data: 196 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.29 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

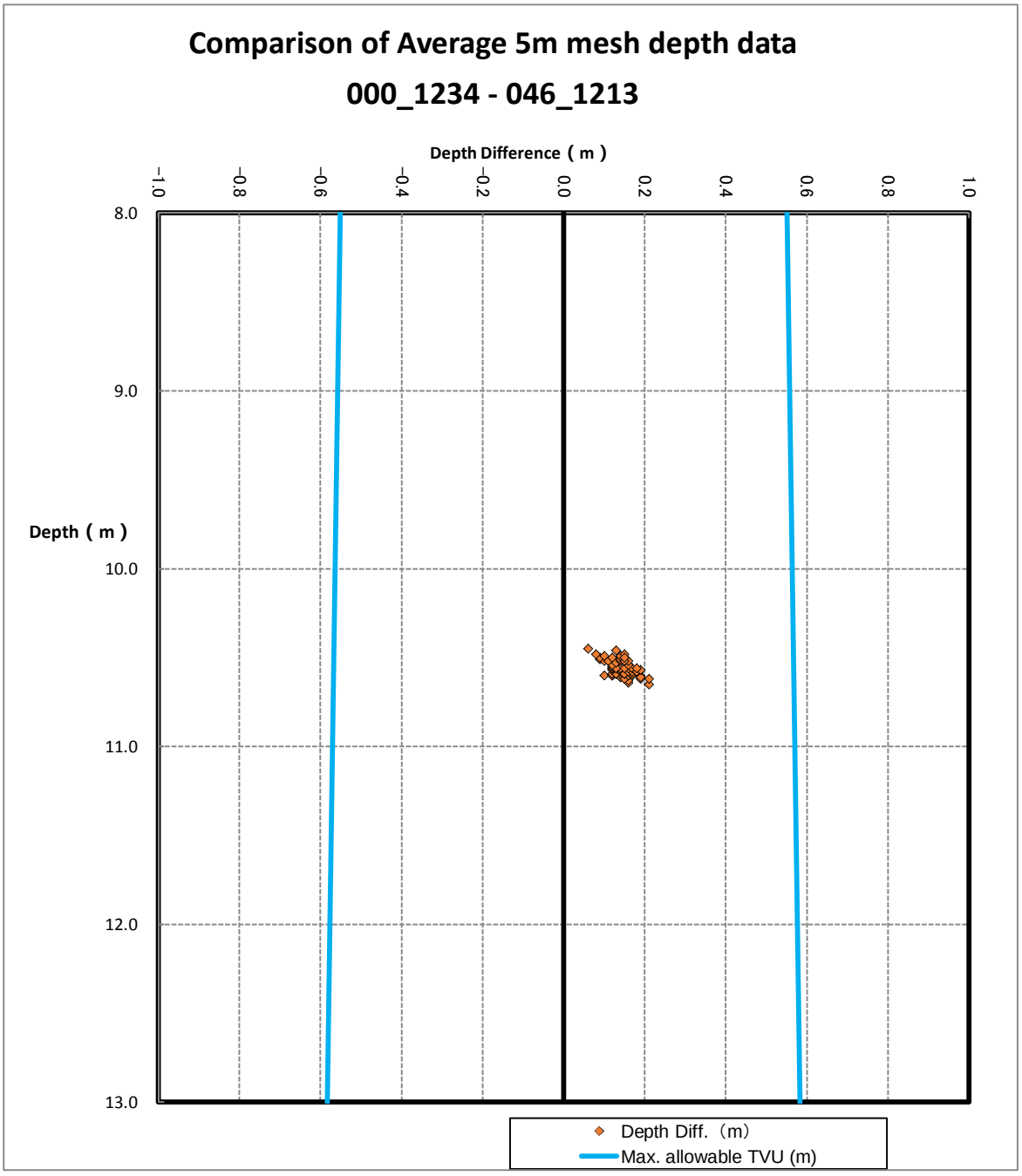


Multi-beam Echosounder Data Inspection

No.I7

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 000_1234
046_1213
Number of data 78

Number of valid data : 78 100.00%
Number of invalid data : 0 0.00%
Mean Difference : 0.14 m
Maximum allowable TVU : $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

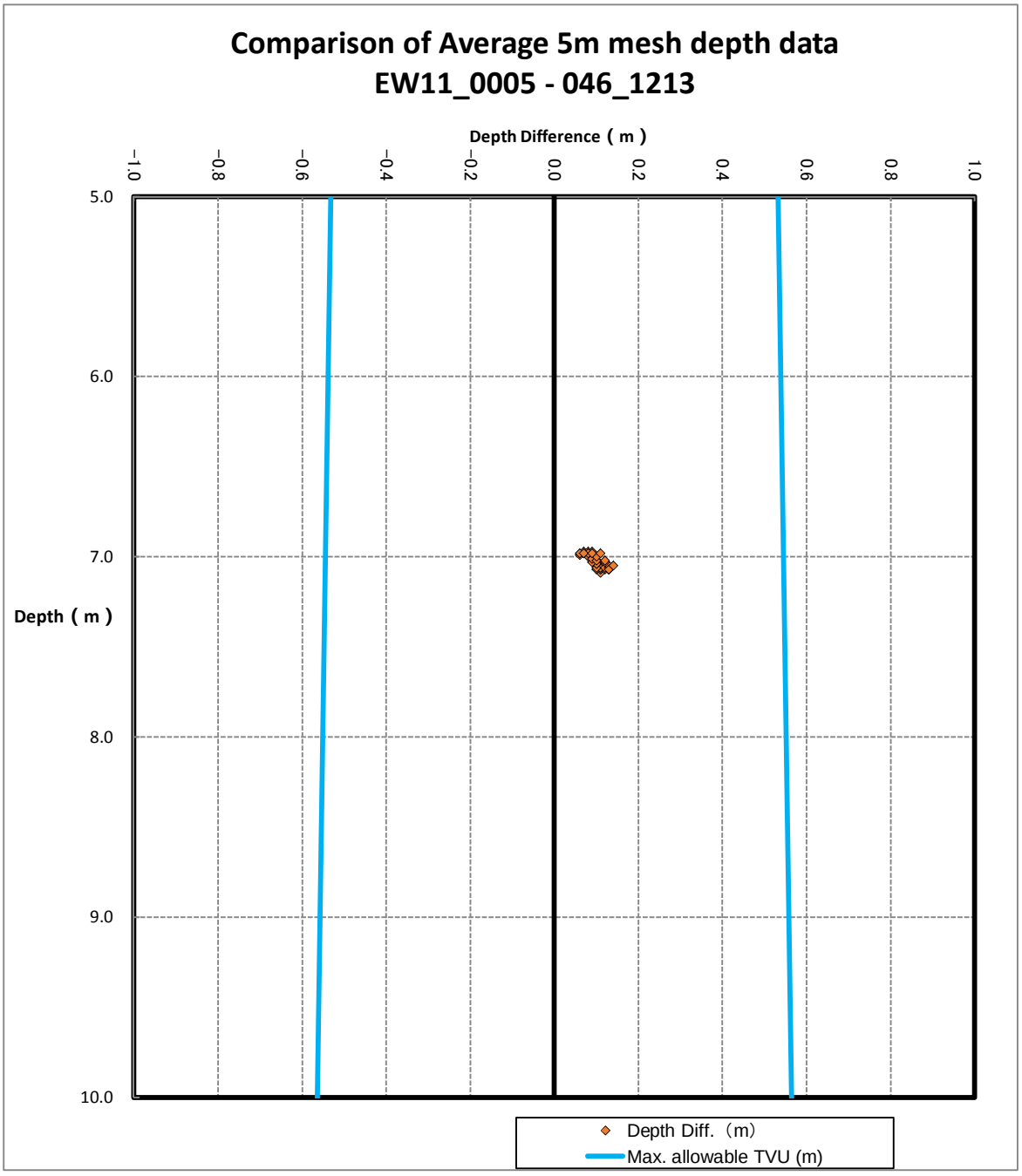


Multi-beam Echosounder Data Inspection

No.I8

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW11_0005
046_1213
Number of data 42

Number of valid data: 42 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.10 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

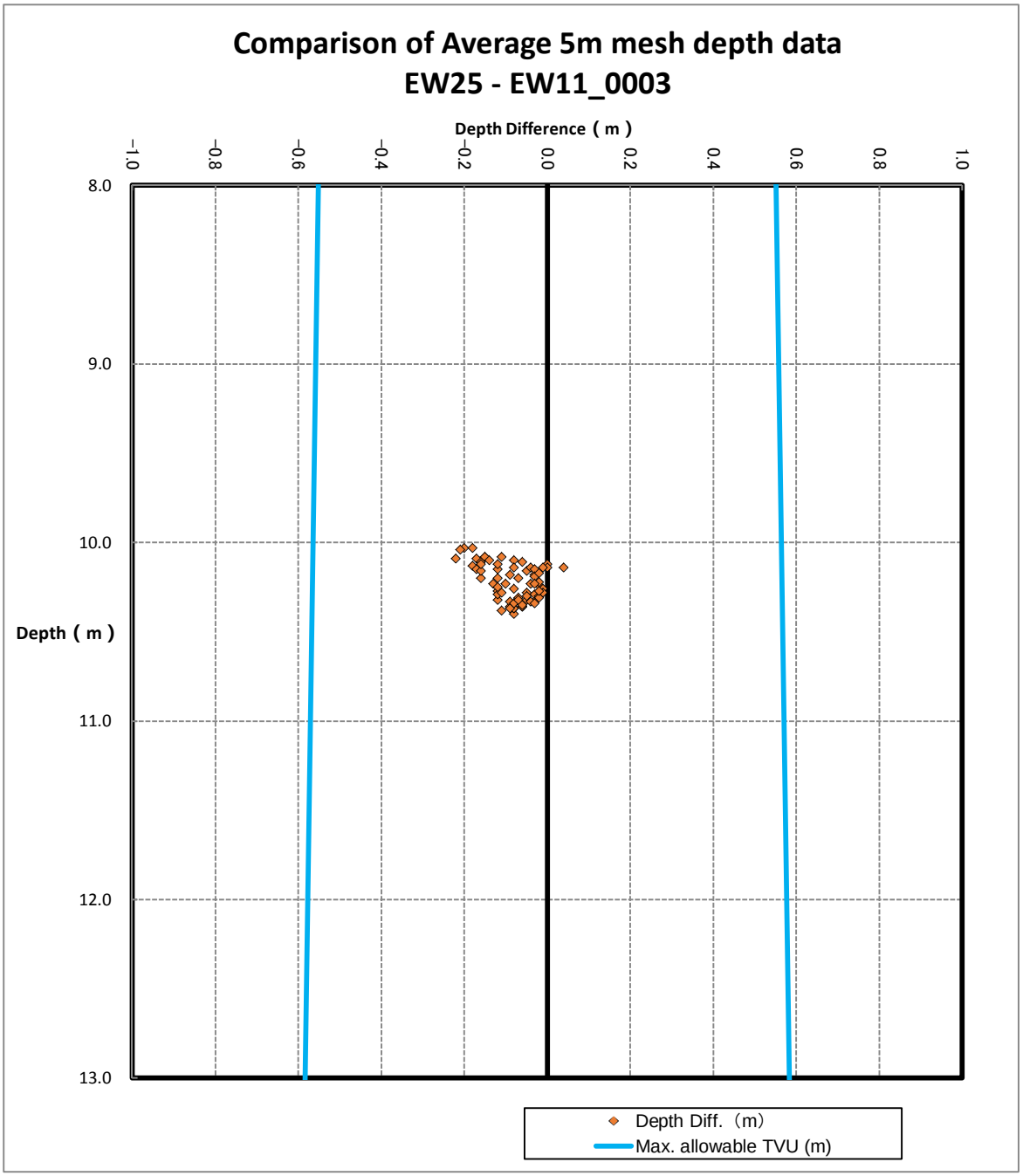


Multi-beam Echosounder Data Inspection

No.I9

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW25
EW11_0003
Number of data 72

Number of valid data : 72 100.00%
Number of invalid data : 0 0.00%
Mean Difference : −0.08 m
Maximum allowable TVU : $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

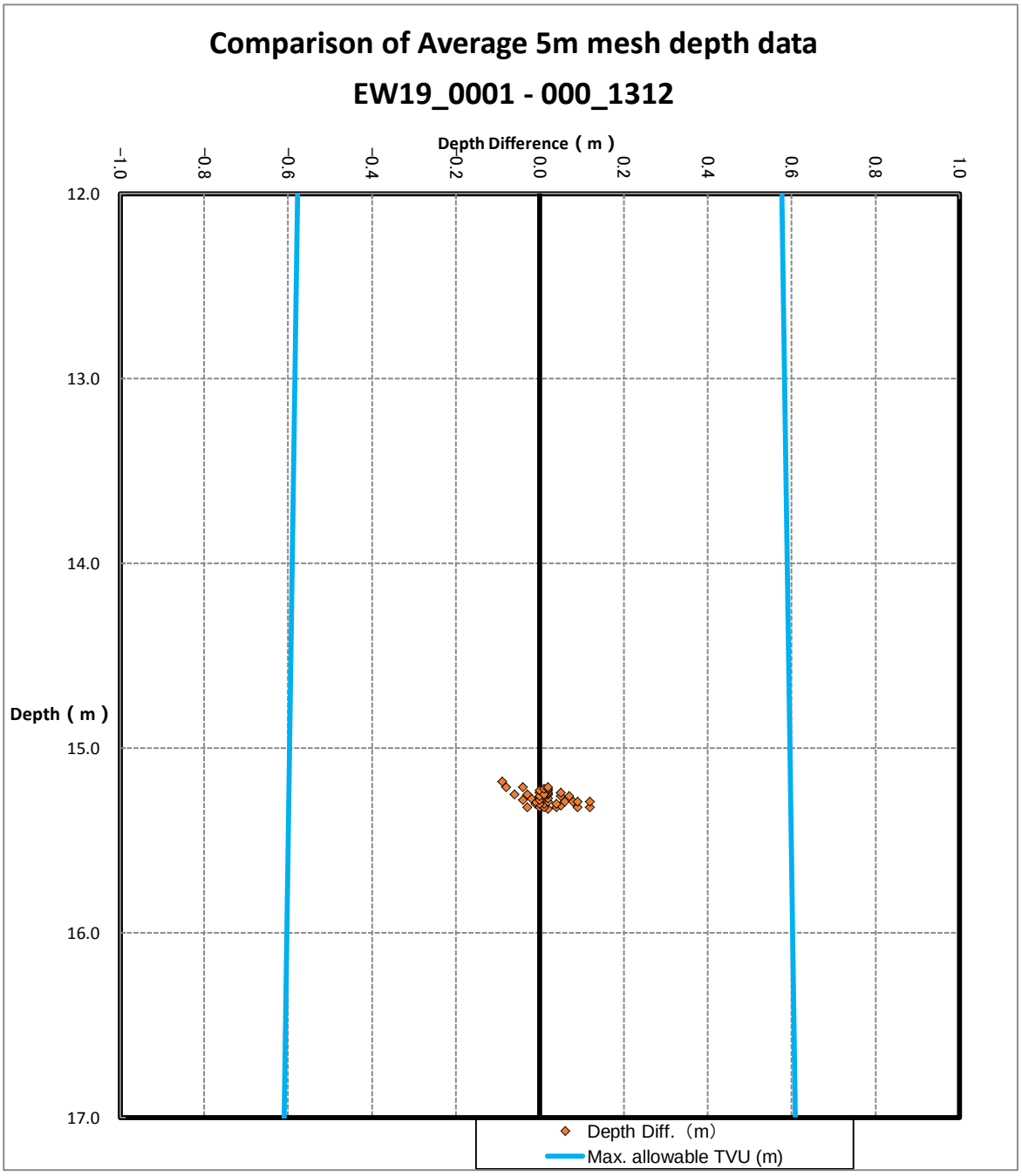


Multi-beam Echosounder Data Inspection

No.I10

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW19_0001
000_1312
Number of data 47

Number of valid data: 47 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.02 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

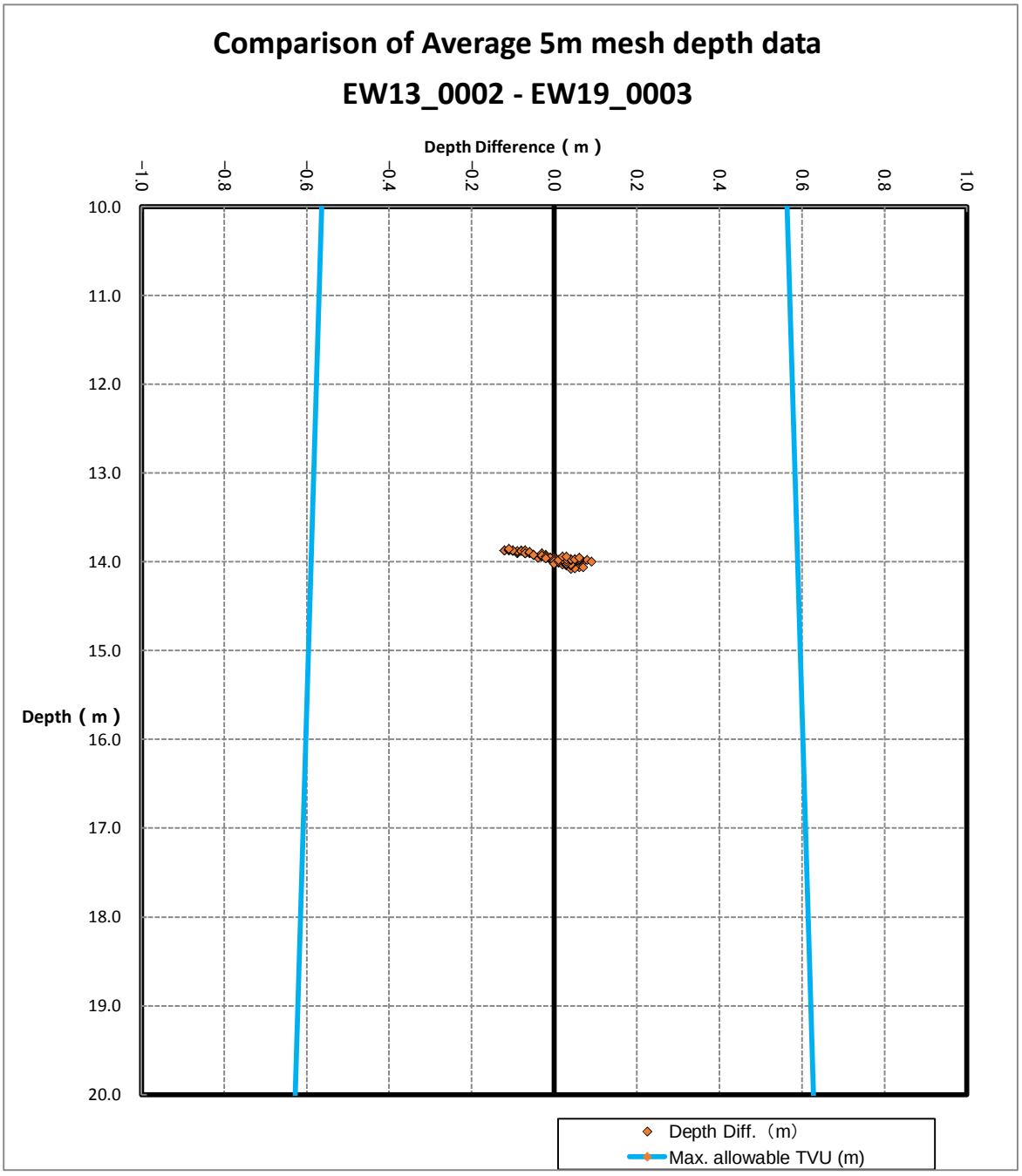


Multi-beam Echosounder Data Inspection

No.I11

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW13_0002
EW19_0003
Number of data 111

Number of valid data: 111 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.00 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

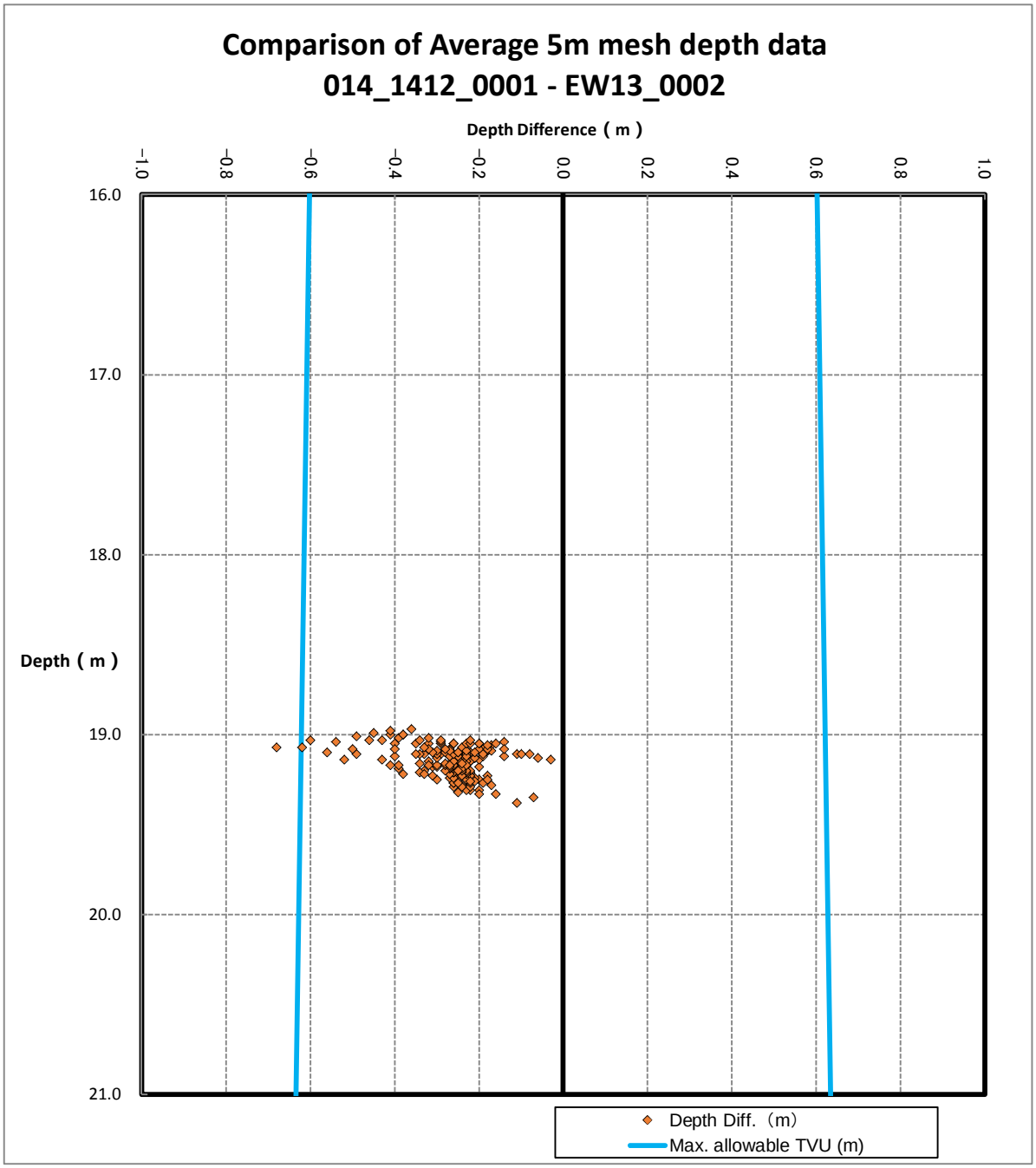


Multi-beam Echosounder Data Inspection

No.I12

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 014_1412_0001
EW13_0002
Number of data 203

Number of valid data: 199 98.03%
Number of invalid data: 4 1.97%
Mean Difference: −0.27 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

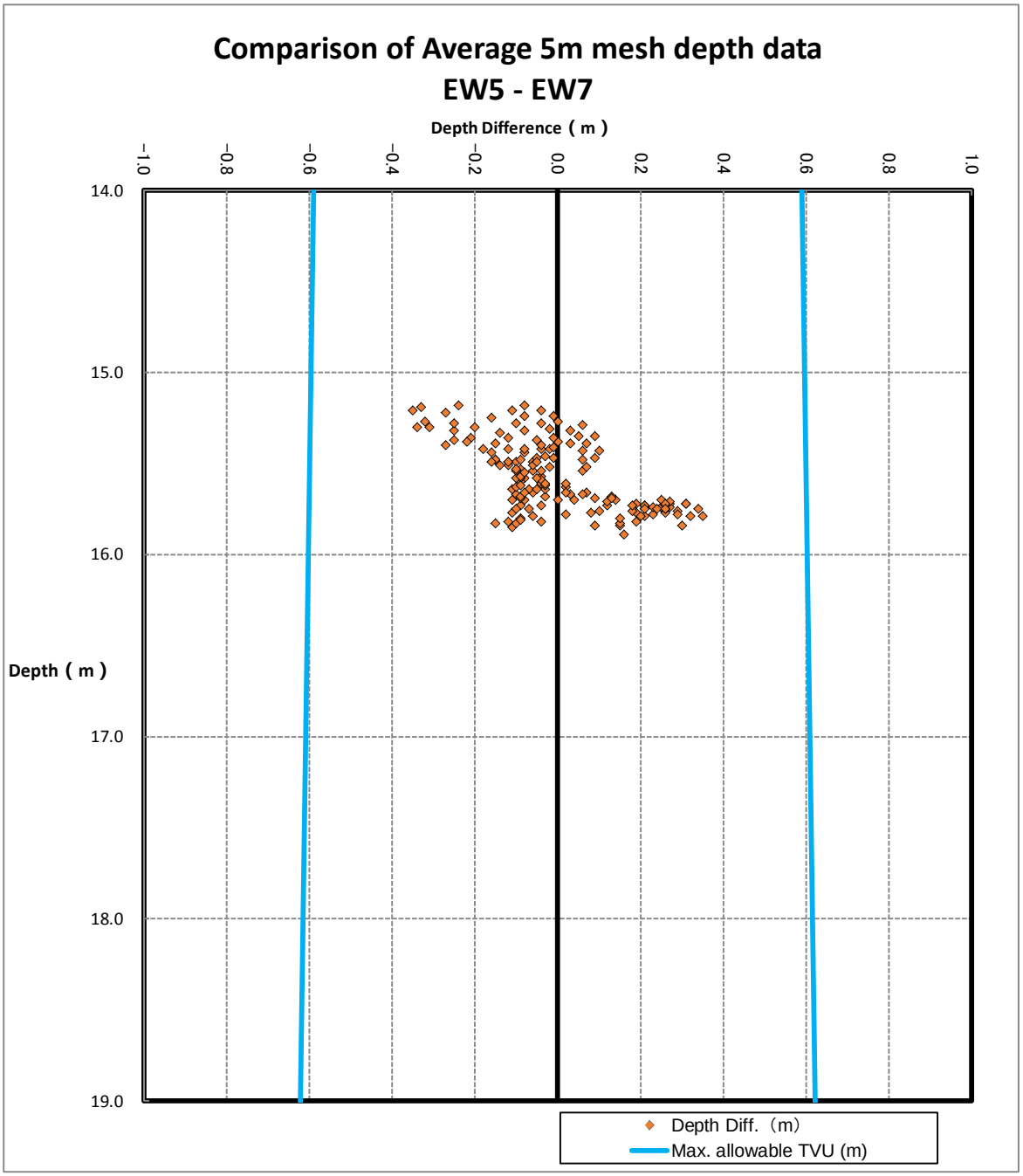


Multi-beam Echosounder Data Inspection

No.I13

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW5
EW7
Number of data 171

Number of valid data: 171 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.00 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

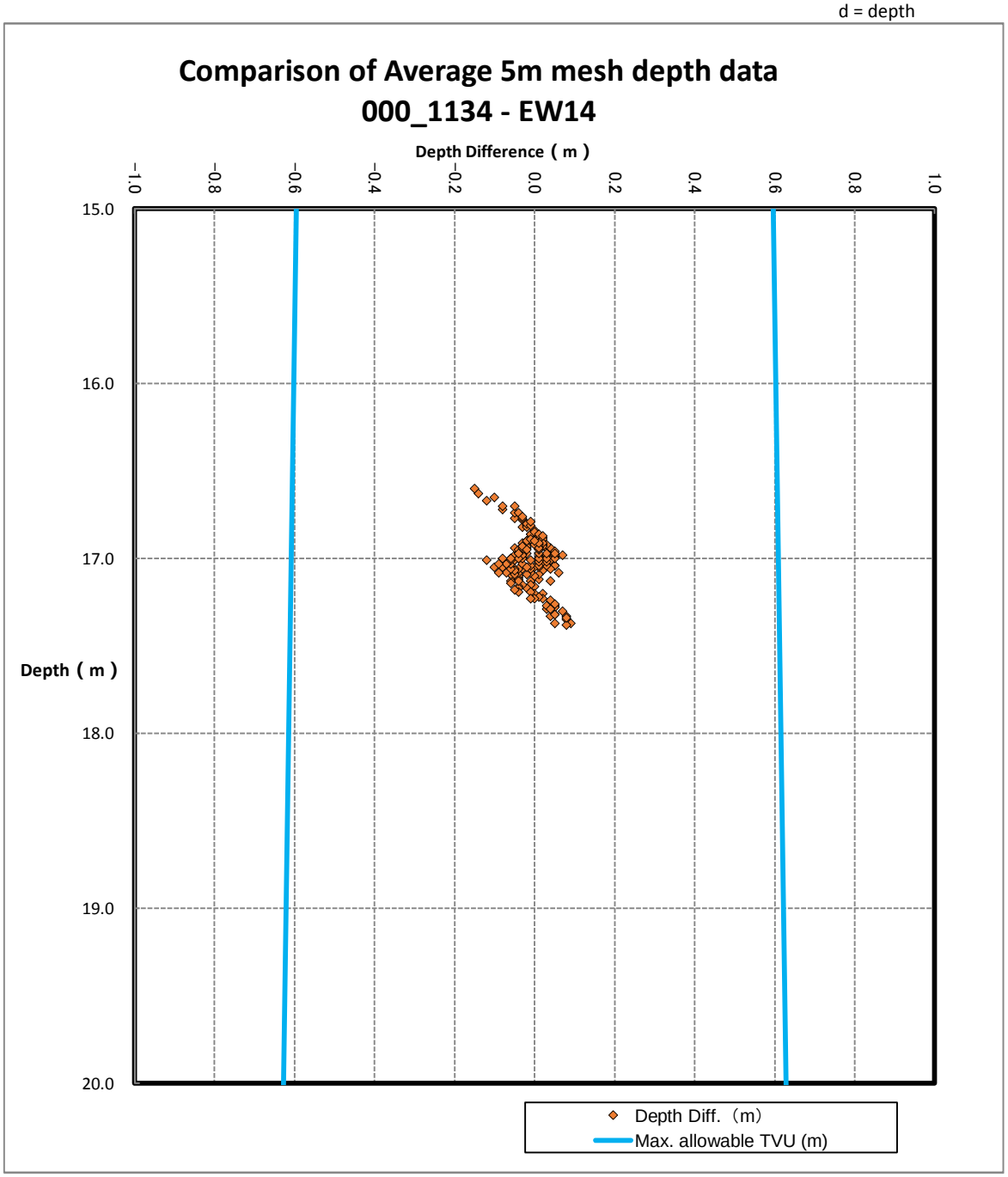


Multi-beam Echosounder Data Inspection

No.I14

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 000_1134
EW14
Number of data 178

Number of valid data: 178 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.01 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

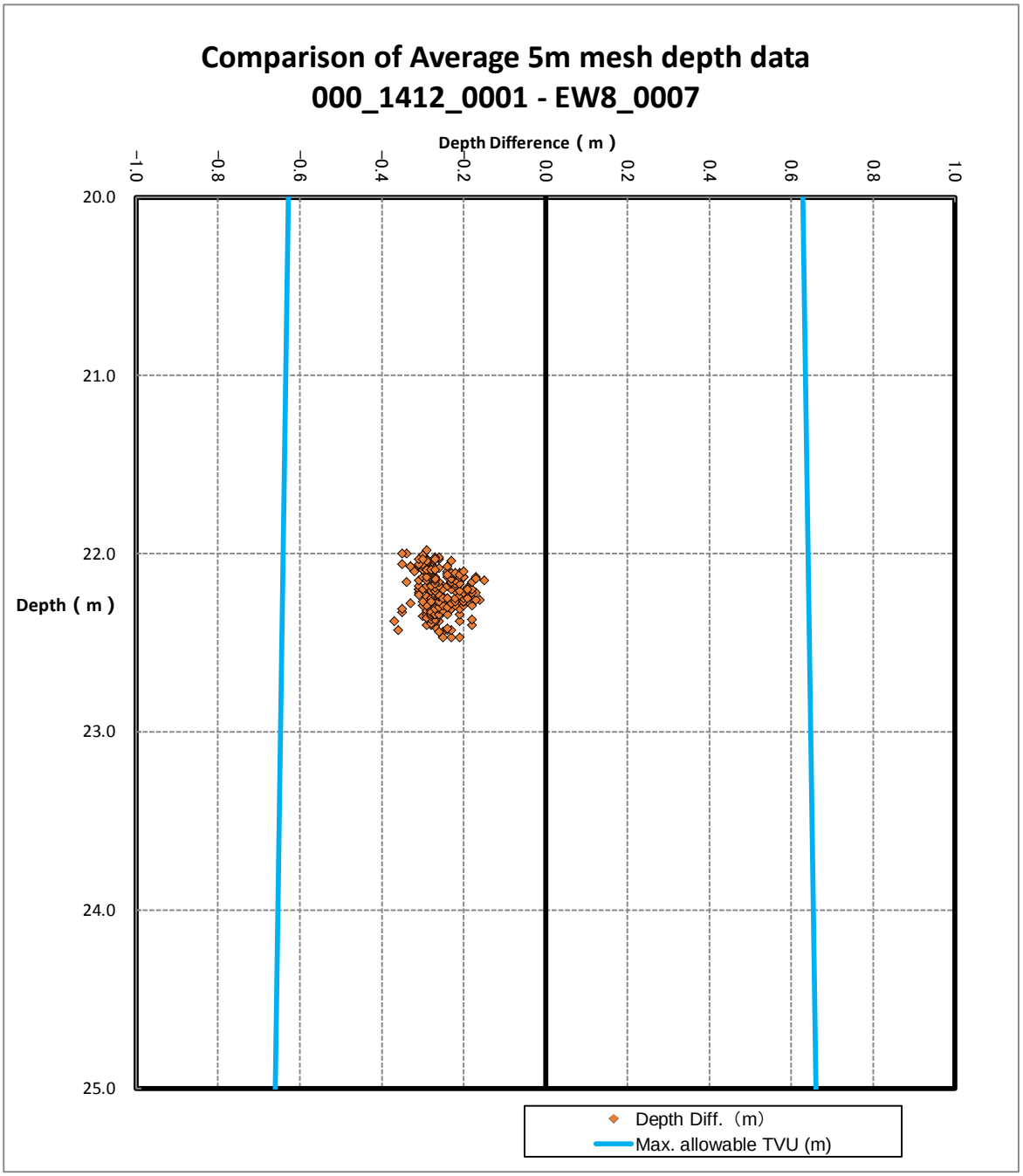


Multi-beam Echosounder Data Inspection

No.I15

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 014_1412_0001
EW8_0007
Number of data 245

Number of valid data: 245 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.26 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

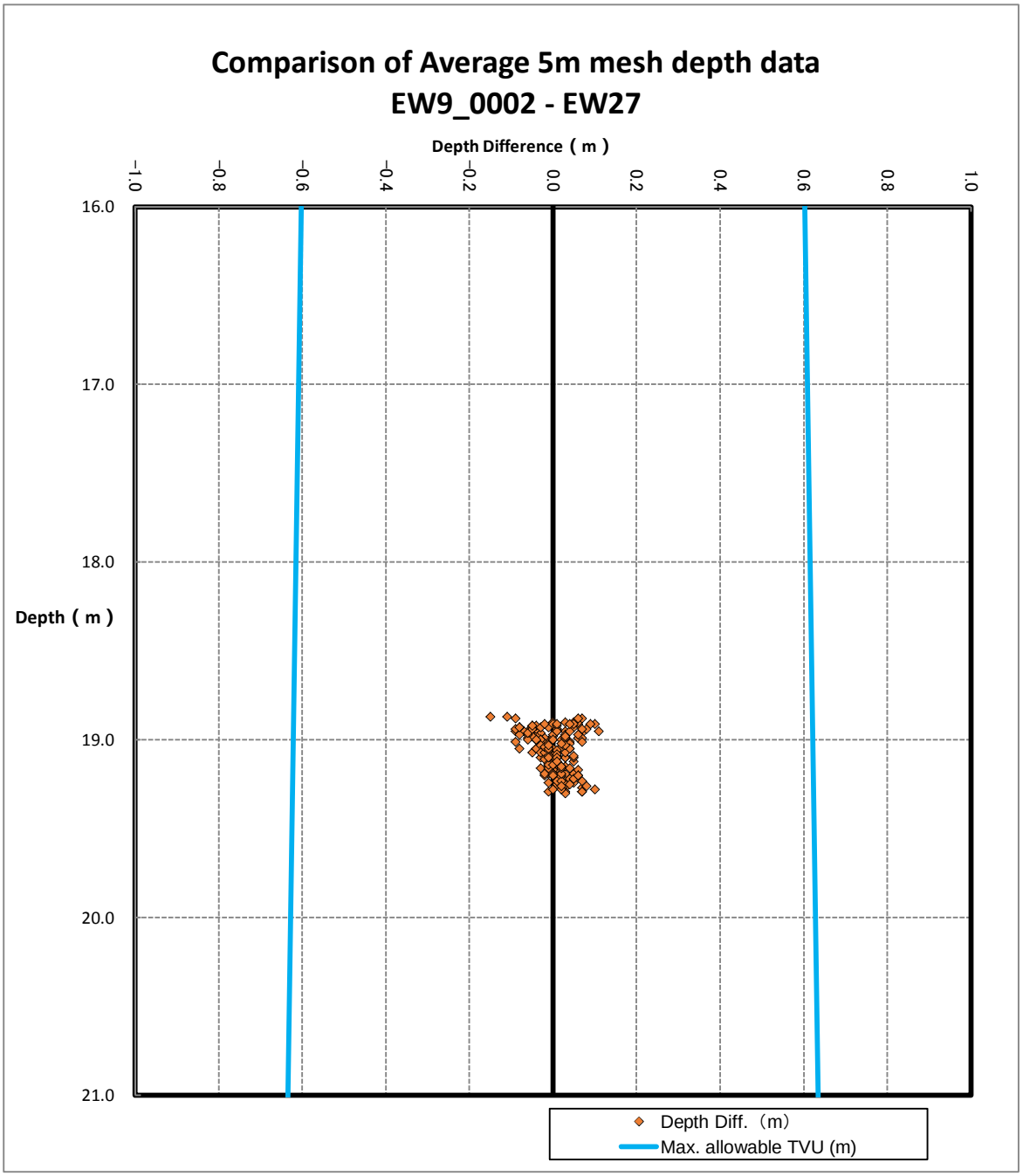


Multi-beam Echosounder Data Inspection

No.I16

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW9_0002
EW27
Number of data 207

Number of valid data: 207 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.00 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

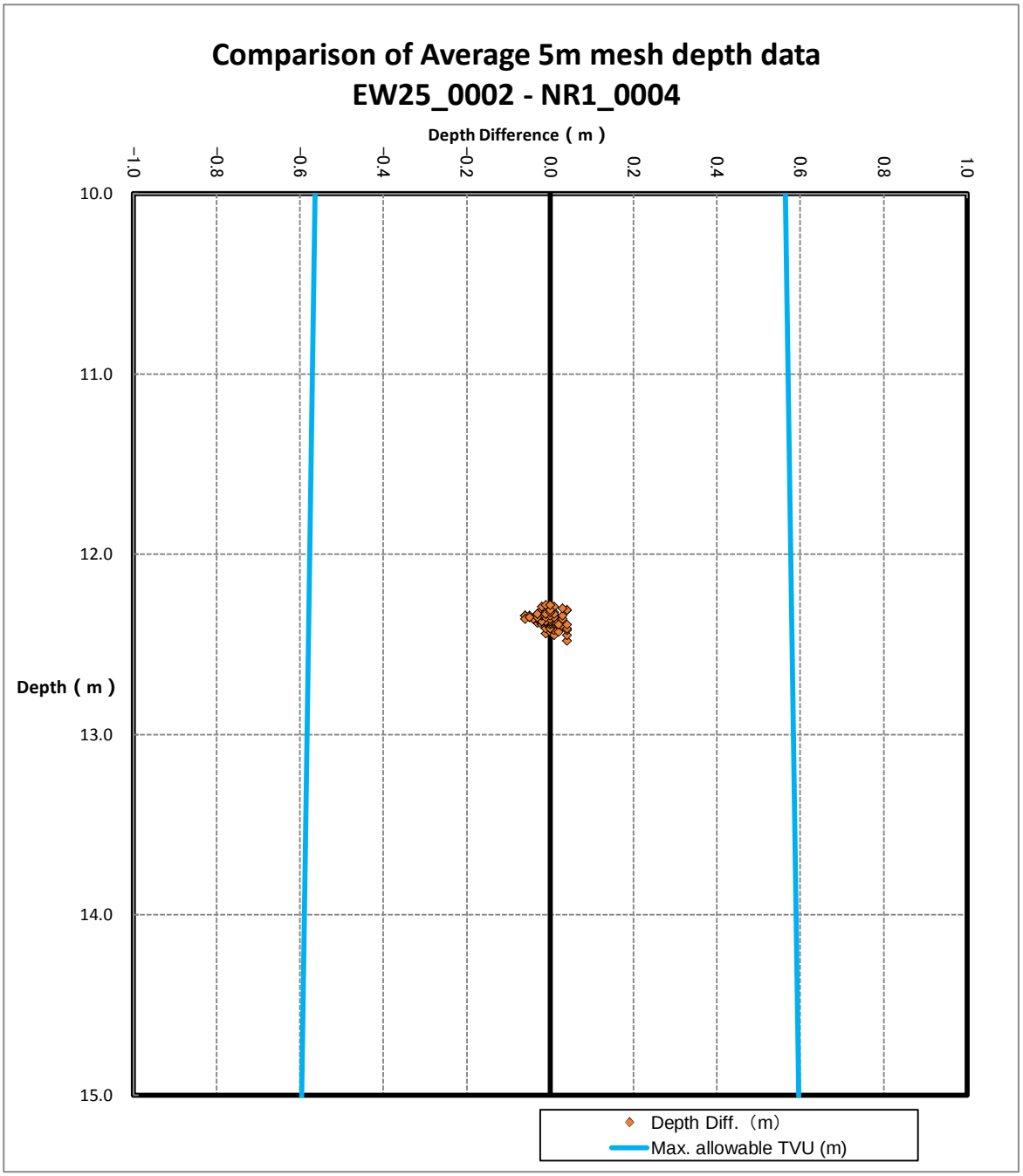


Multi-beam Echosounder Data Inspection

No.I17

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW11_0002
NR1_0004
Number of data 94

Number of valid data: 94 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.01 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

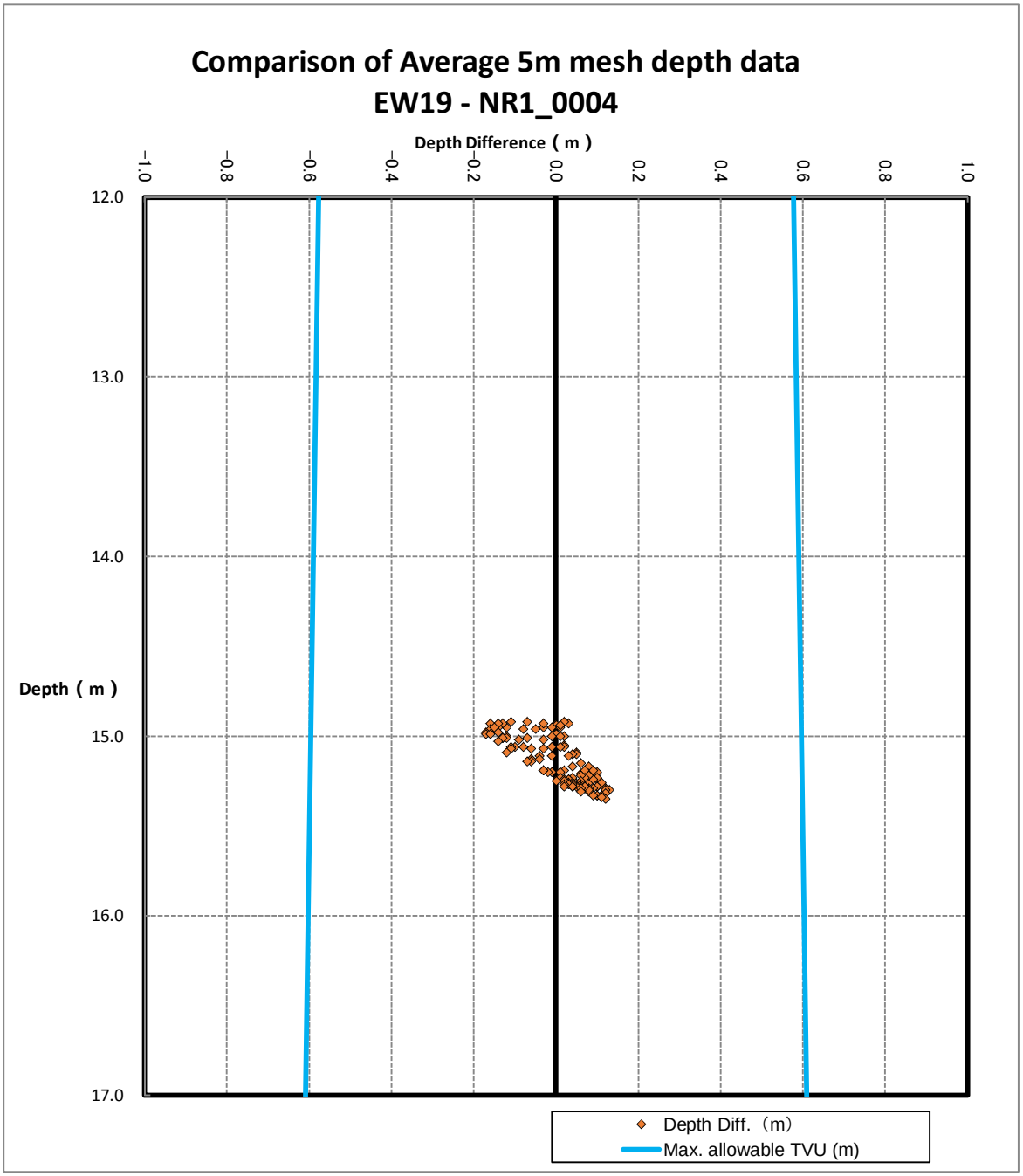


Multi-beam Echosounder Data Inspection

No.I18

Area : KampoInvalid Saom Bay Coastal and Approach
Order : 1a
Survey Line : EW19
NR1_0004
Number of data 133

Number of valid data: 133 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.01 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

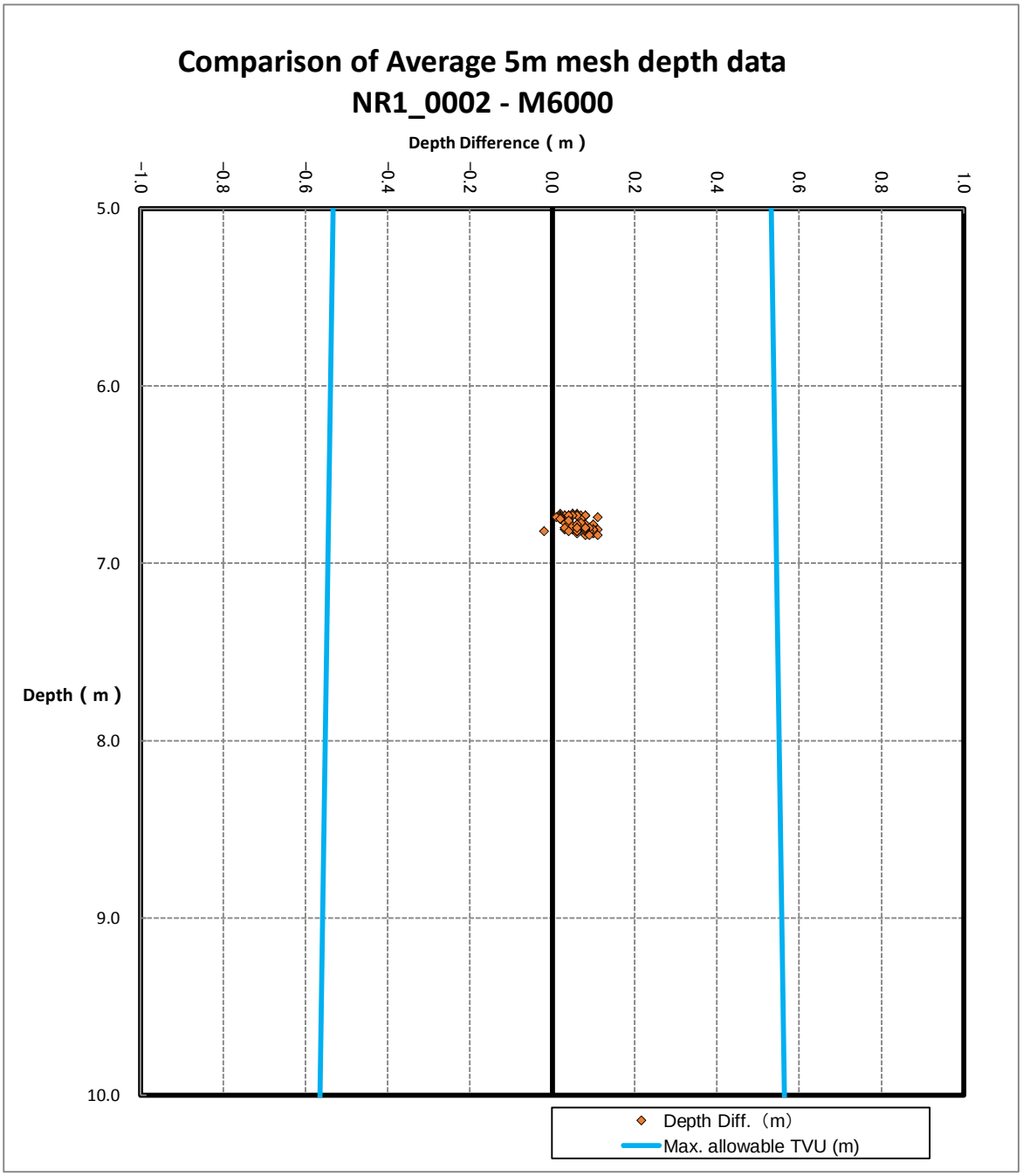


Multi-beam Echosounder Data Inspection

No.I19

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : NR1_0002
M6000
Number of data 71

Number of valid data: 71 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.06 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

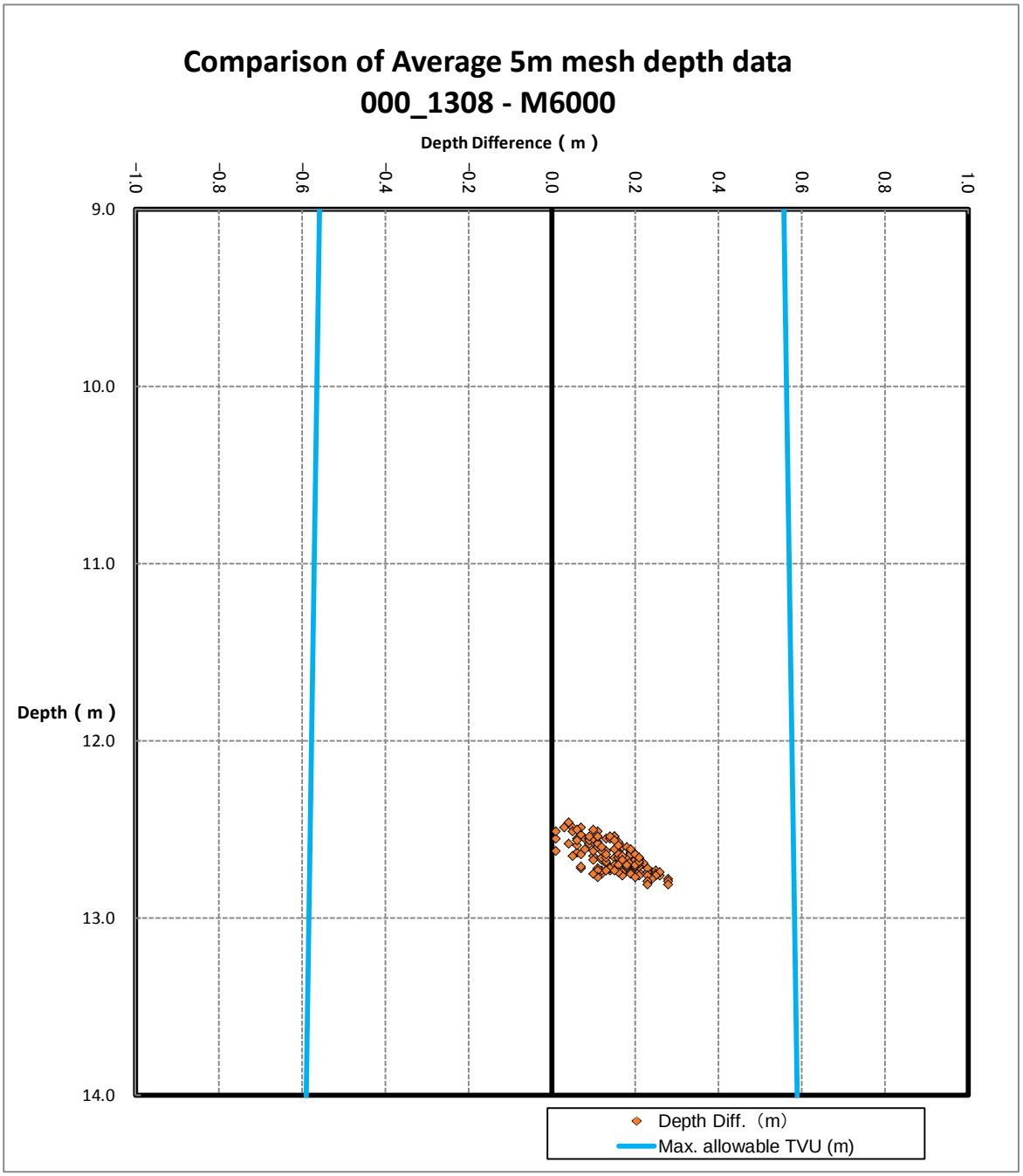


Multi-beam Echosounder Data Inspection

No.I20

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 000_1308
M6000
Number of data 128

Number of valid data: 128 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.15 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

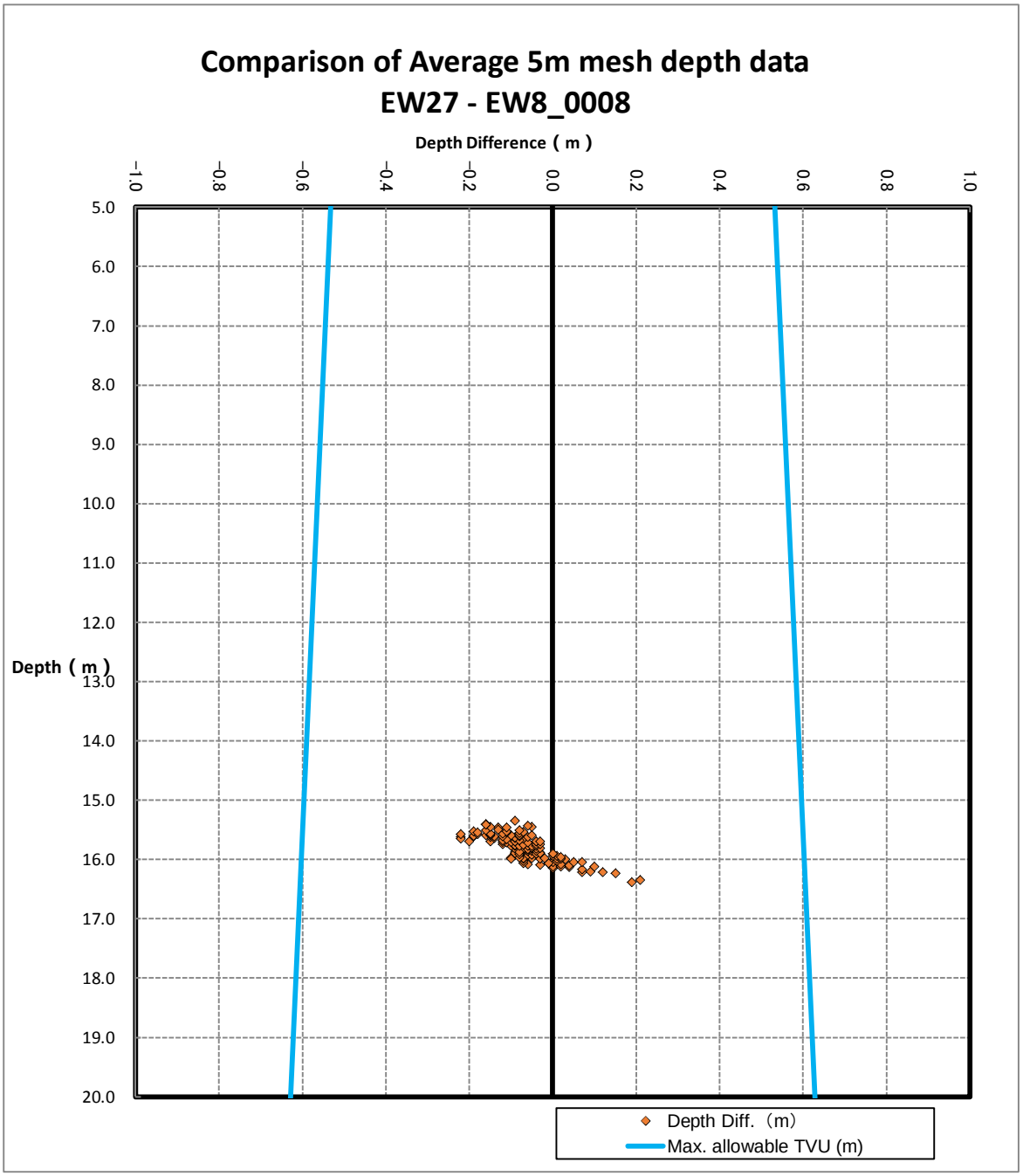


Multi-beam Echosounder Data Inspection

No.I21

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW27
EW8_0008
Number of data 144

Number of valid data: 144 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.06 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

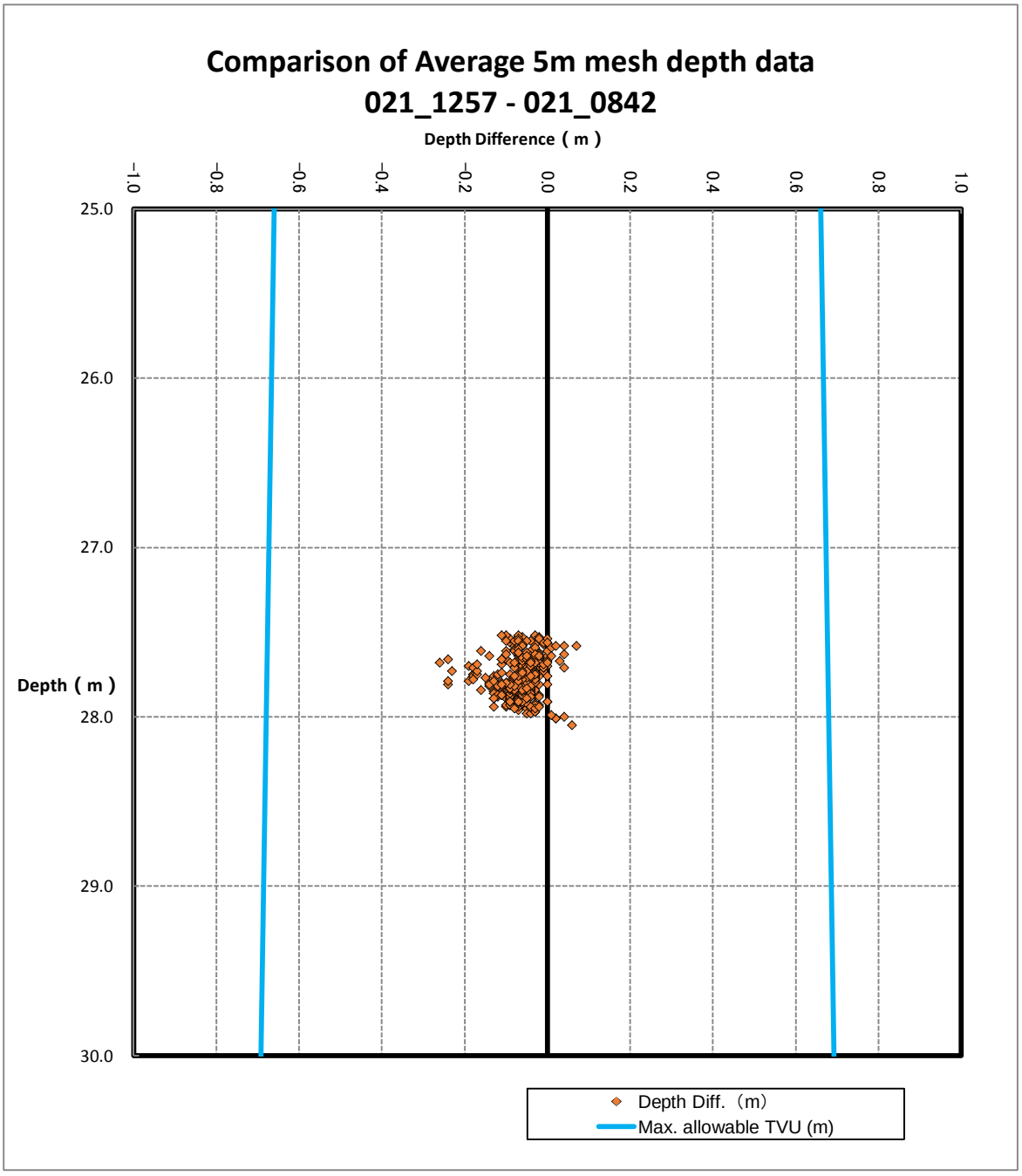


Multi-beam Echosounder Data Inspection

No.I22

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 021_1257
021_0842
Number of data 354

Number of valid data: 354 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.06 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

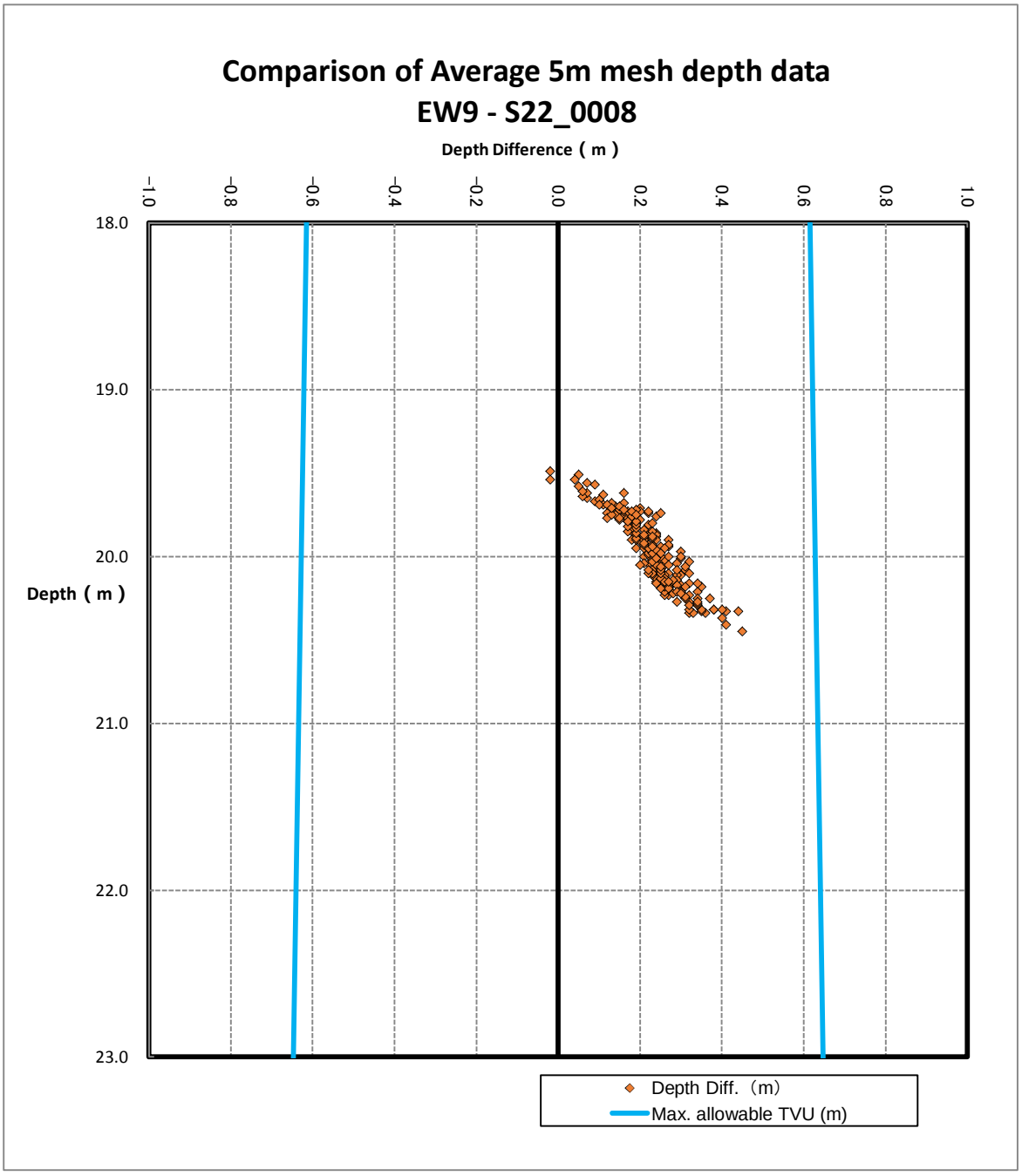


Multi-beam Echosounder Data Inspection

No.I23

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW9
S22_0008
Number of data 218

Number of valid data: 218 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.23 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

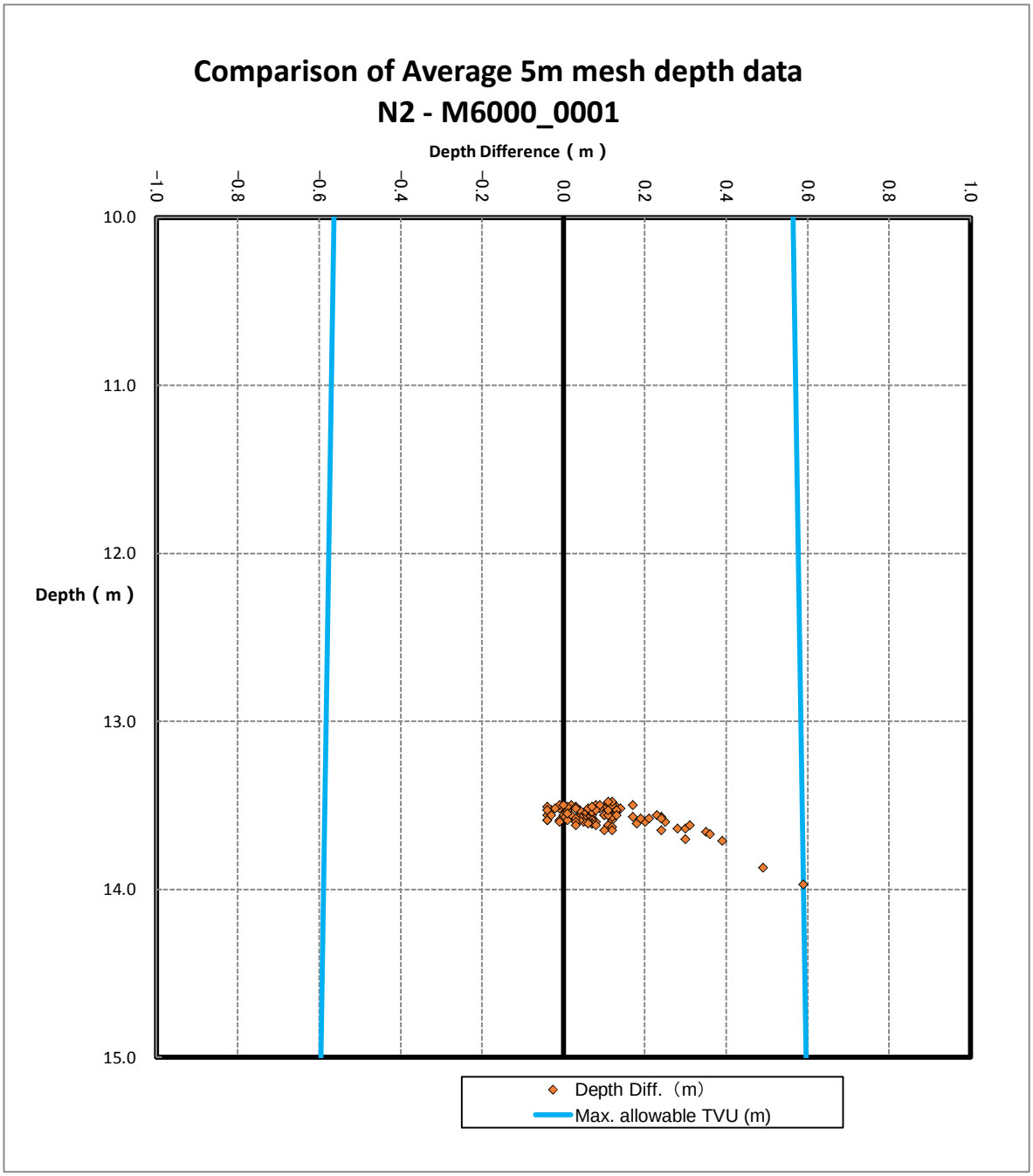


Multi-beam Echosounder Data Inspection

No.I24

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : N2
M6000_0001
Number of data 95

Number of valid data: 94 98.95%
Number of invalid data: 1 1.05%
Mean Difference: 0.10 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

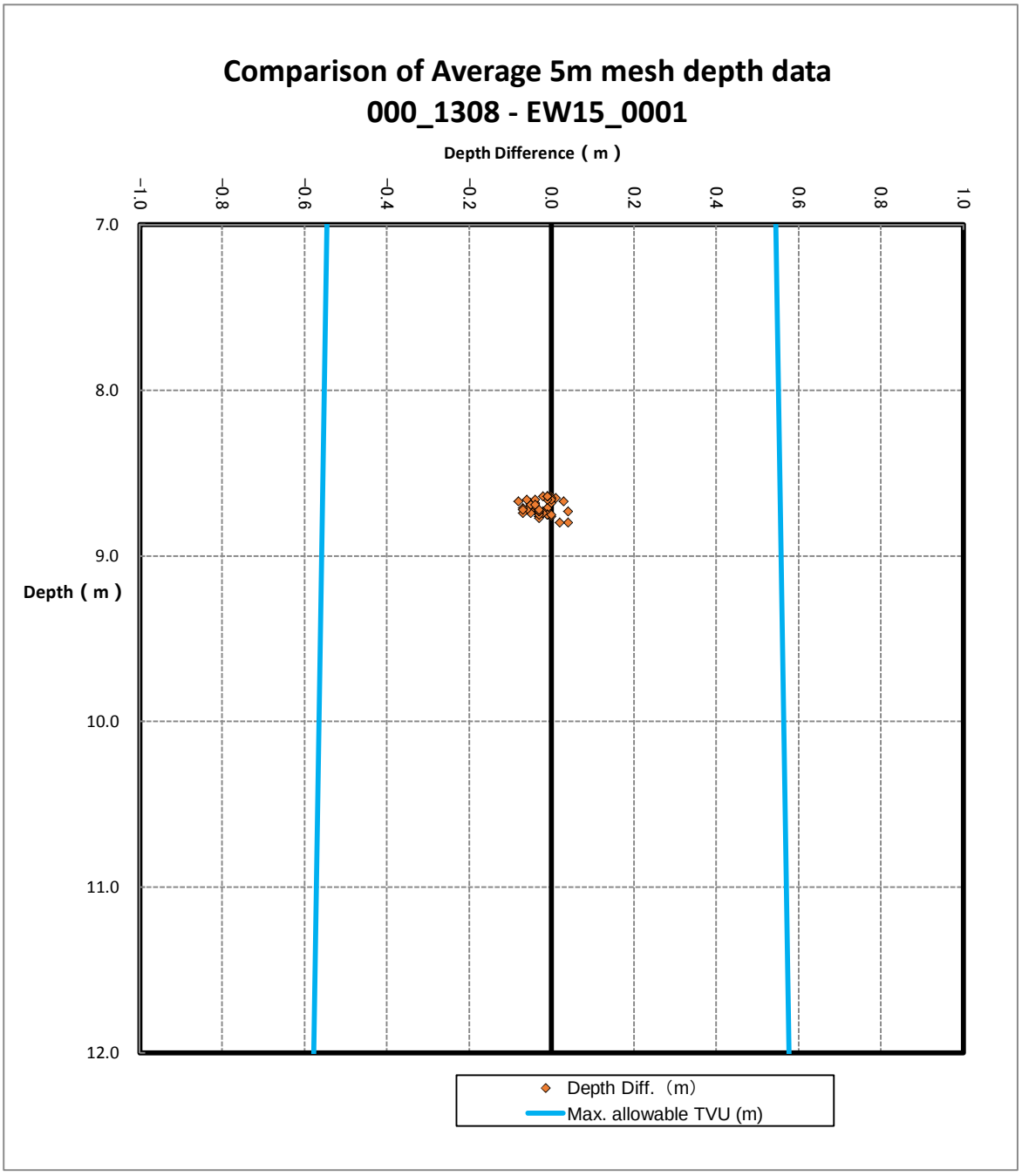


Multi-beam Echosounder Data Inspection

No.I25

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 000_1308
EW15_0001
Number of data 48

Number of valid data: 48 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.02 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

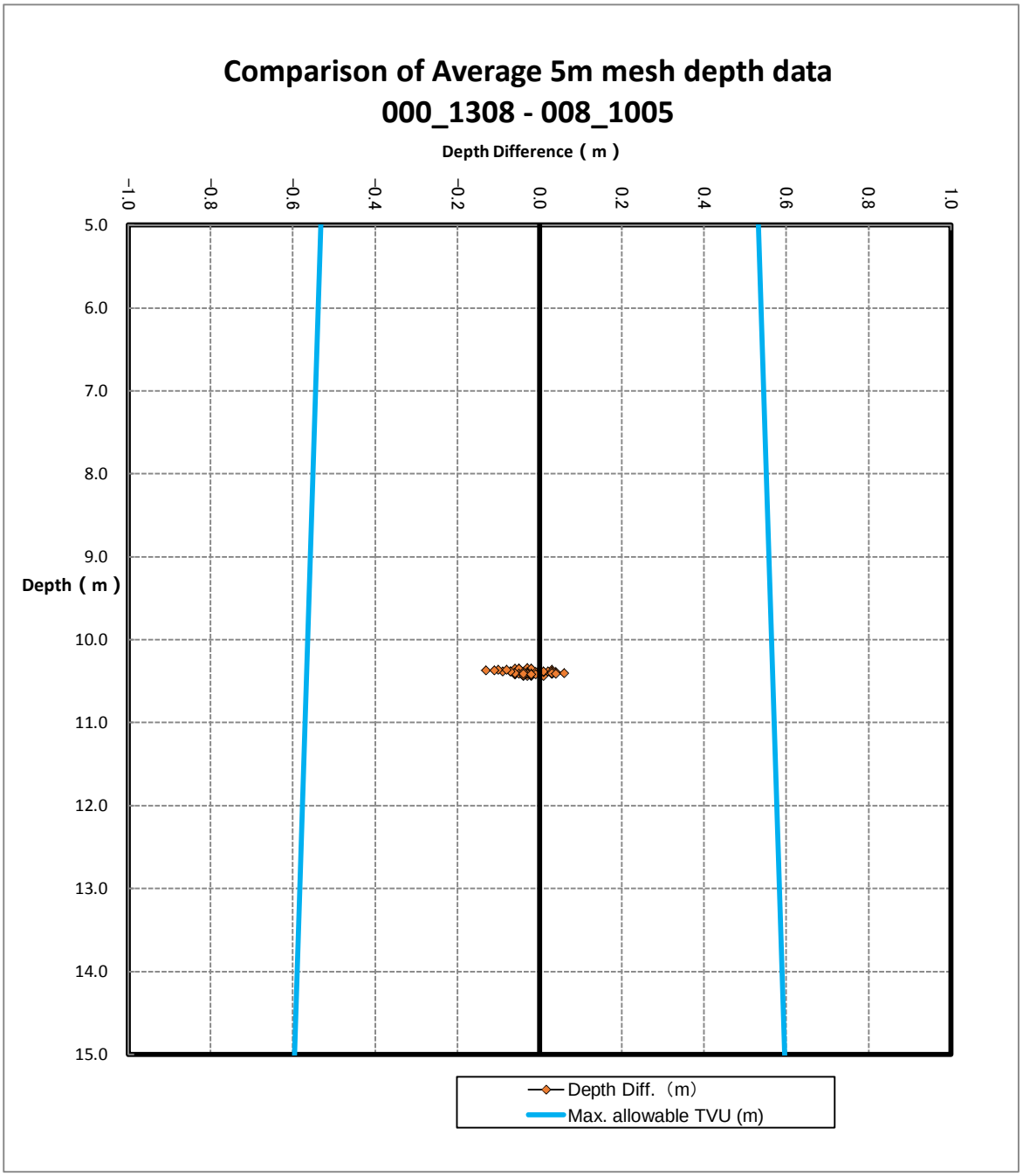


Multi-beam Echosounder Data Inspection

No.I26

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 000_1308
008_1005
Number of data 64

Number of valid data: 64 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.03 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

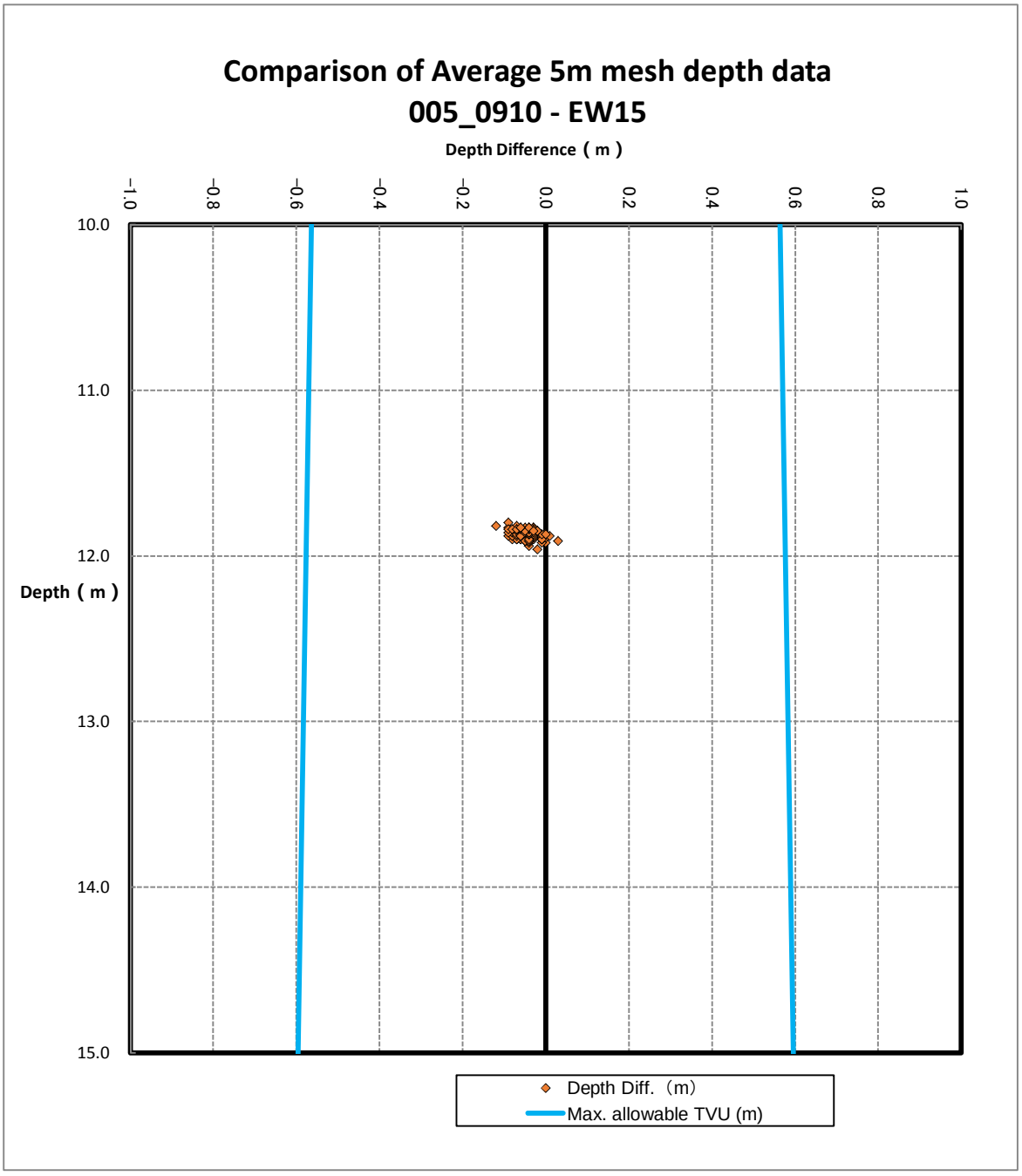


Multi-beam Echosounder Data Inspection

No.I27

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 005_0910
EW15
Number of data 103

Number of valid data: 103 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.05 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

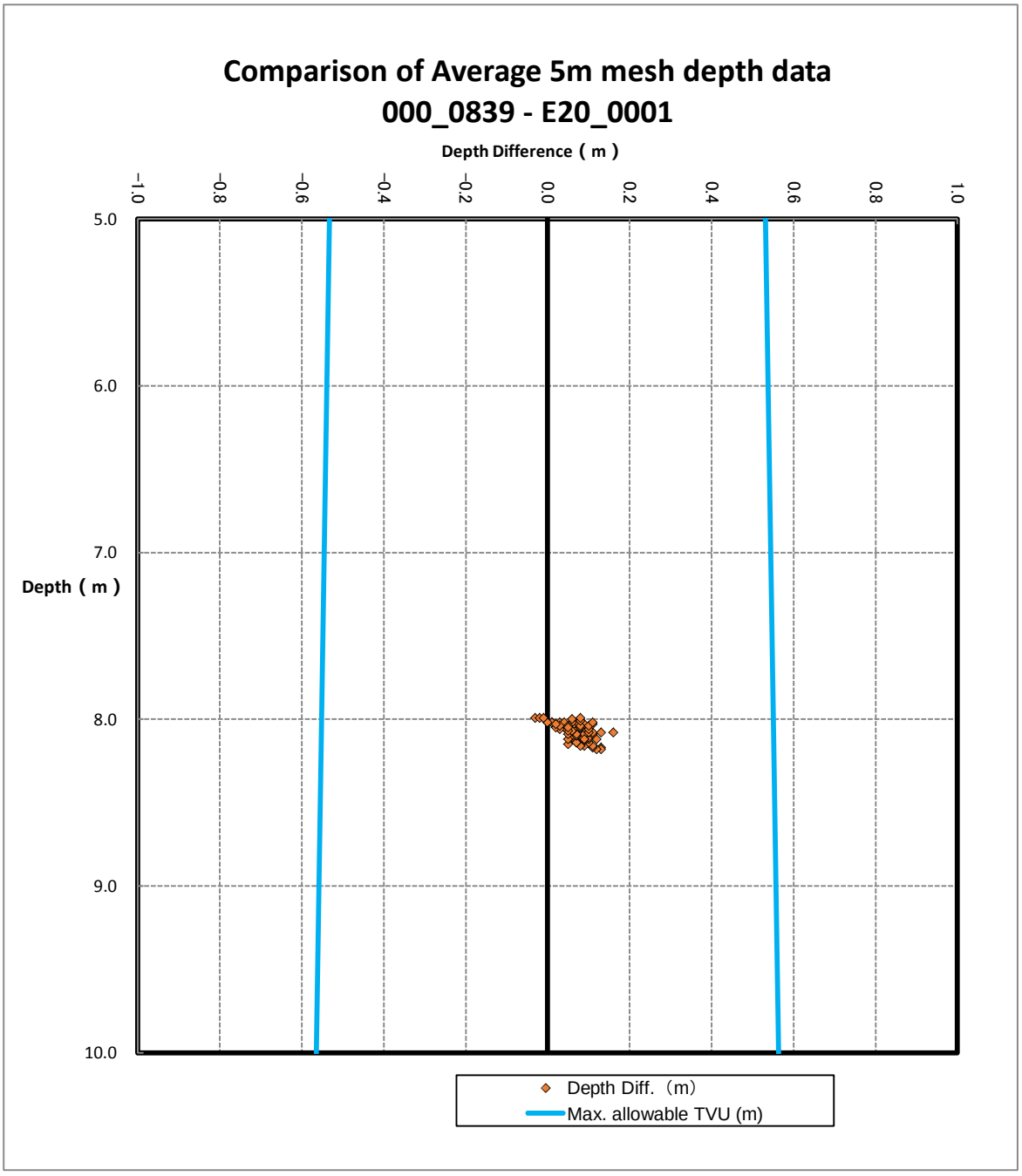


Multi-beam Echosounder Data Inspection

No.I28

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 000_0839
EW20_0001
Number of data 88

Number of valid data: 88 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.07 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

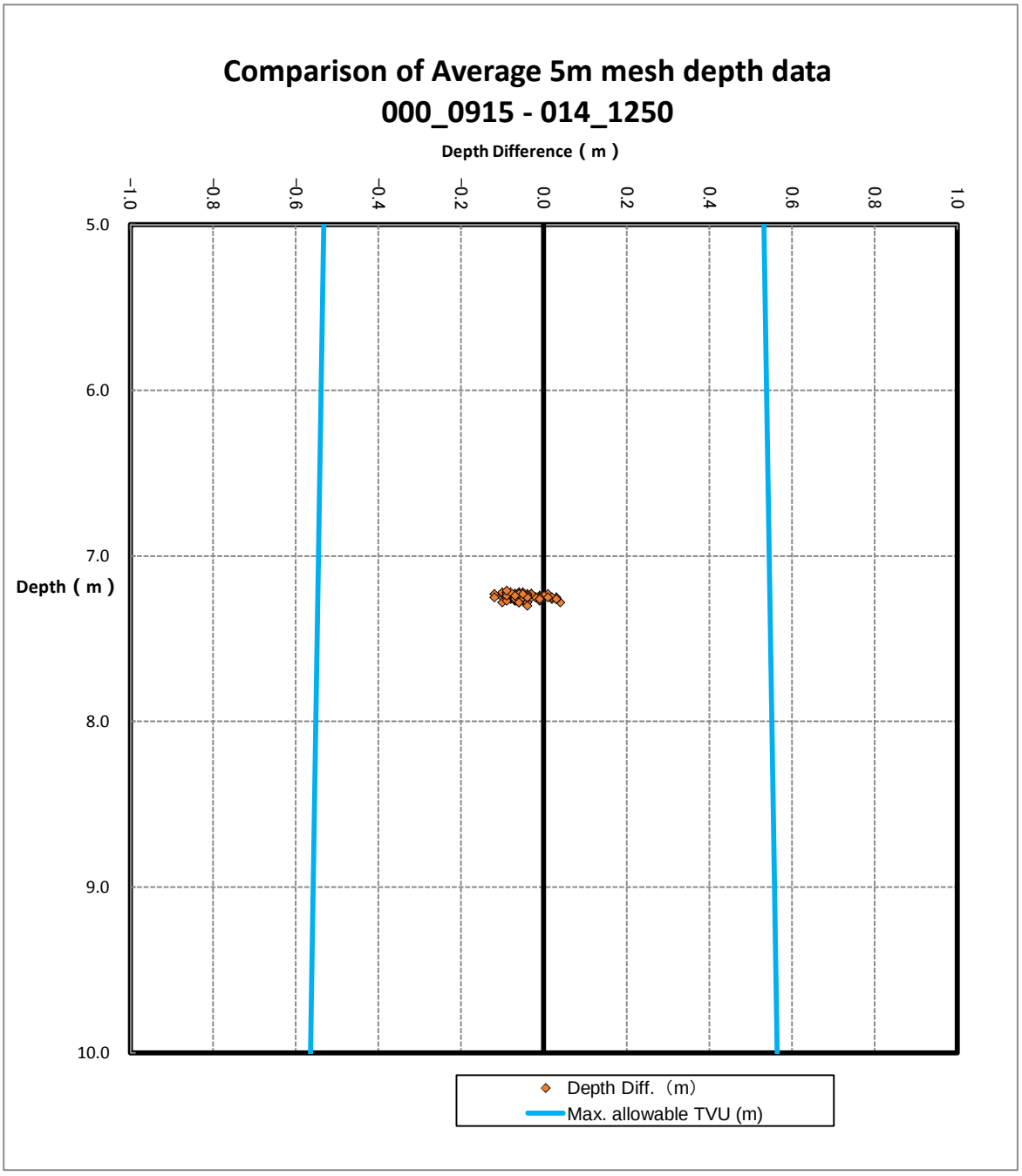


Multi-beam Echosounder Data Inspection

No.I29

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 000_0915
014_1250
Number of data 79

Number of valid data : 79 100.00%
Number of invalid data : 0 0.00%
Mean Difference : −0.05 m
Maximum allowable TVU : $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

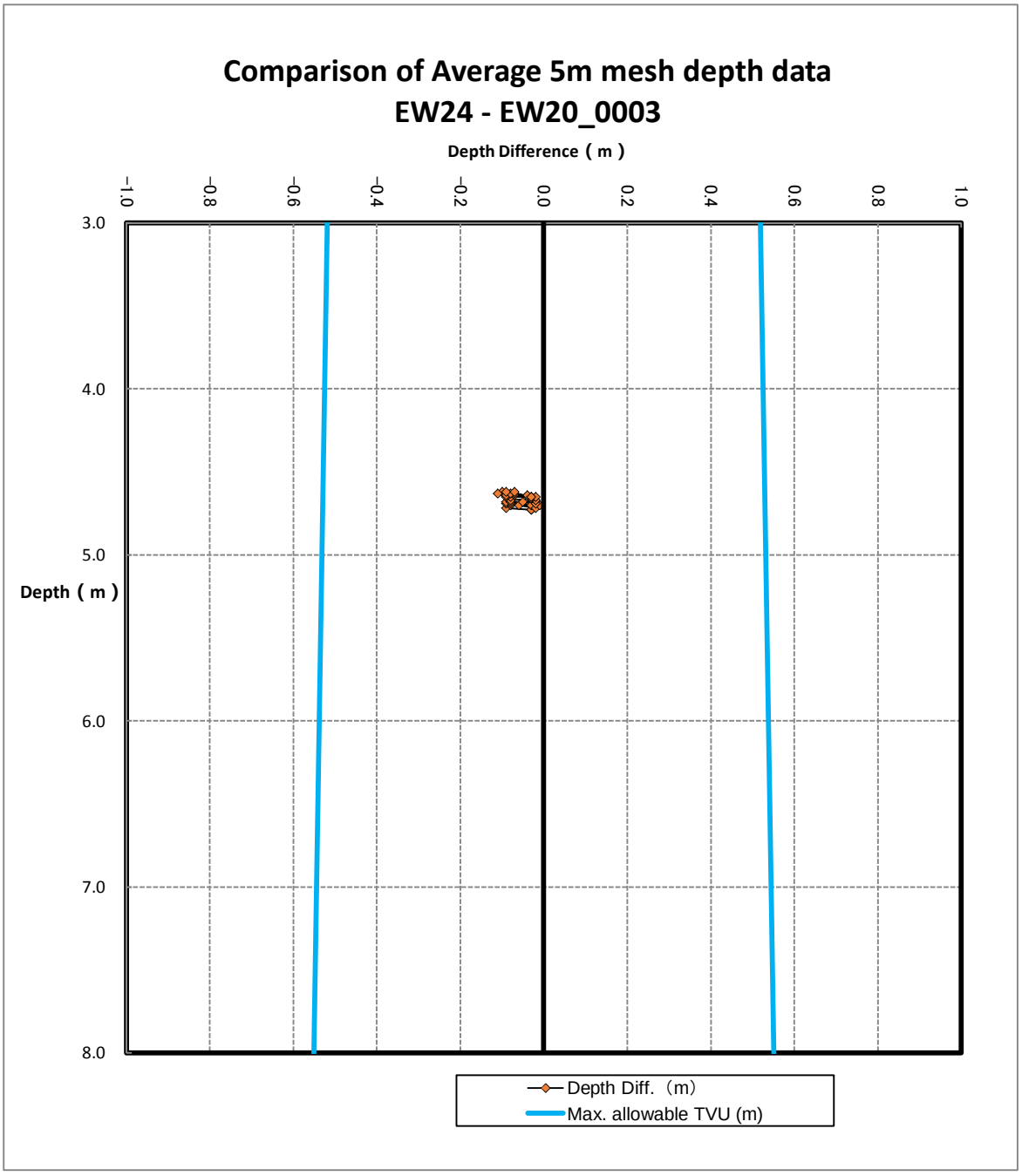


Multi-beam Echosounder Data Inspection

No.I30

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW24
EW20_0003
Number of data 31

Number of valid data: 31 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.06 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

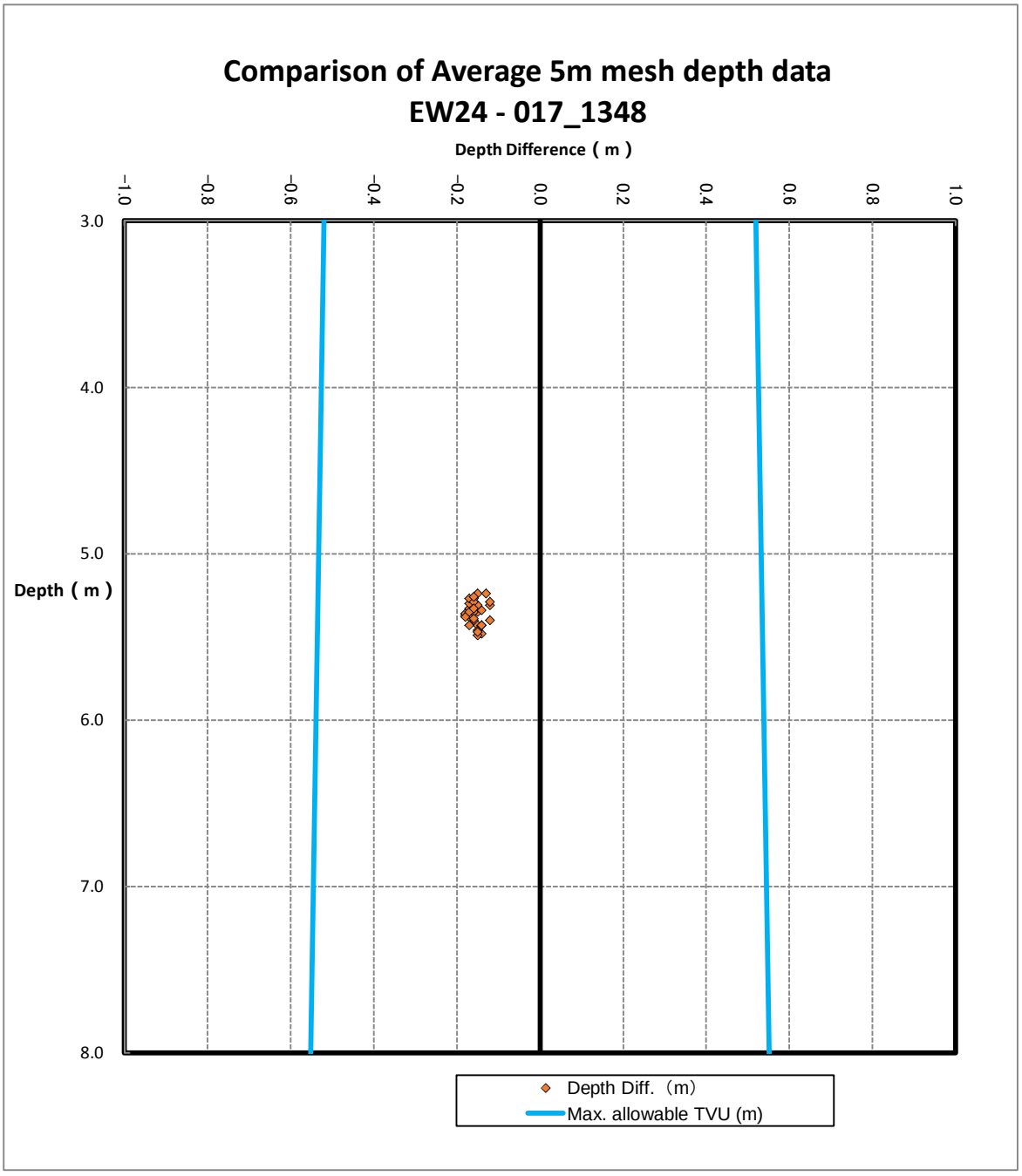


Multi-beam Echosounder Data Inspection

No.I31

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW24
017_1348
Number of data 34

Number of valid data: 34 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.15 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

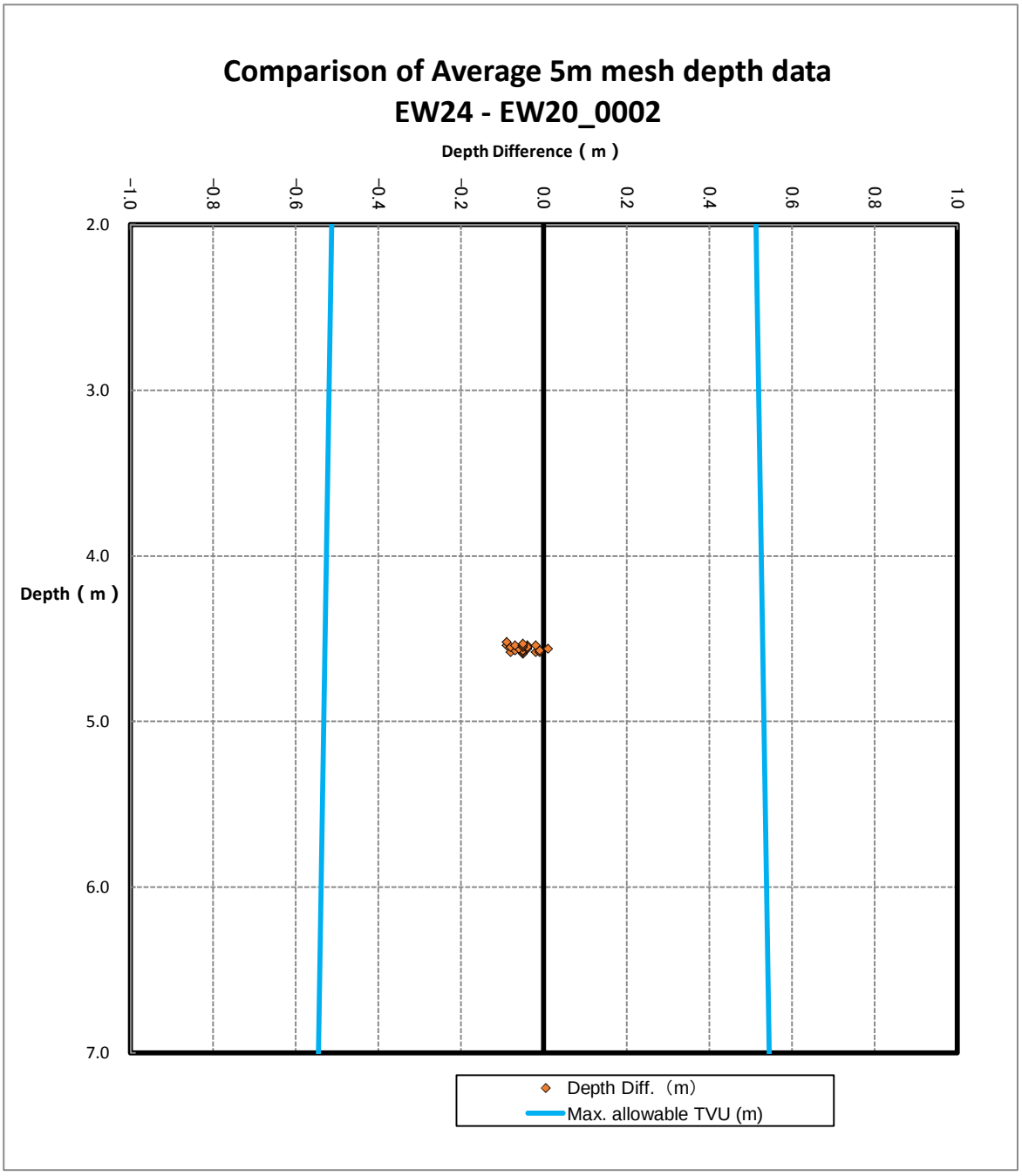


Multi-beam Echosounder Data Inspection

No.I32

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW24
EW20_0002
Number of data 25

Number of valid data: 25 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.05 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

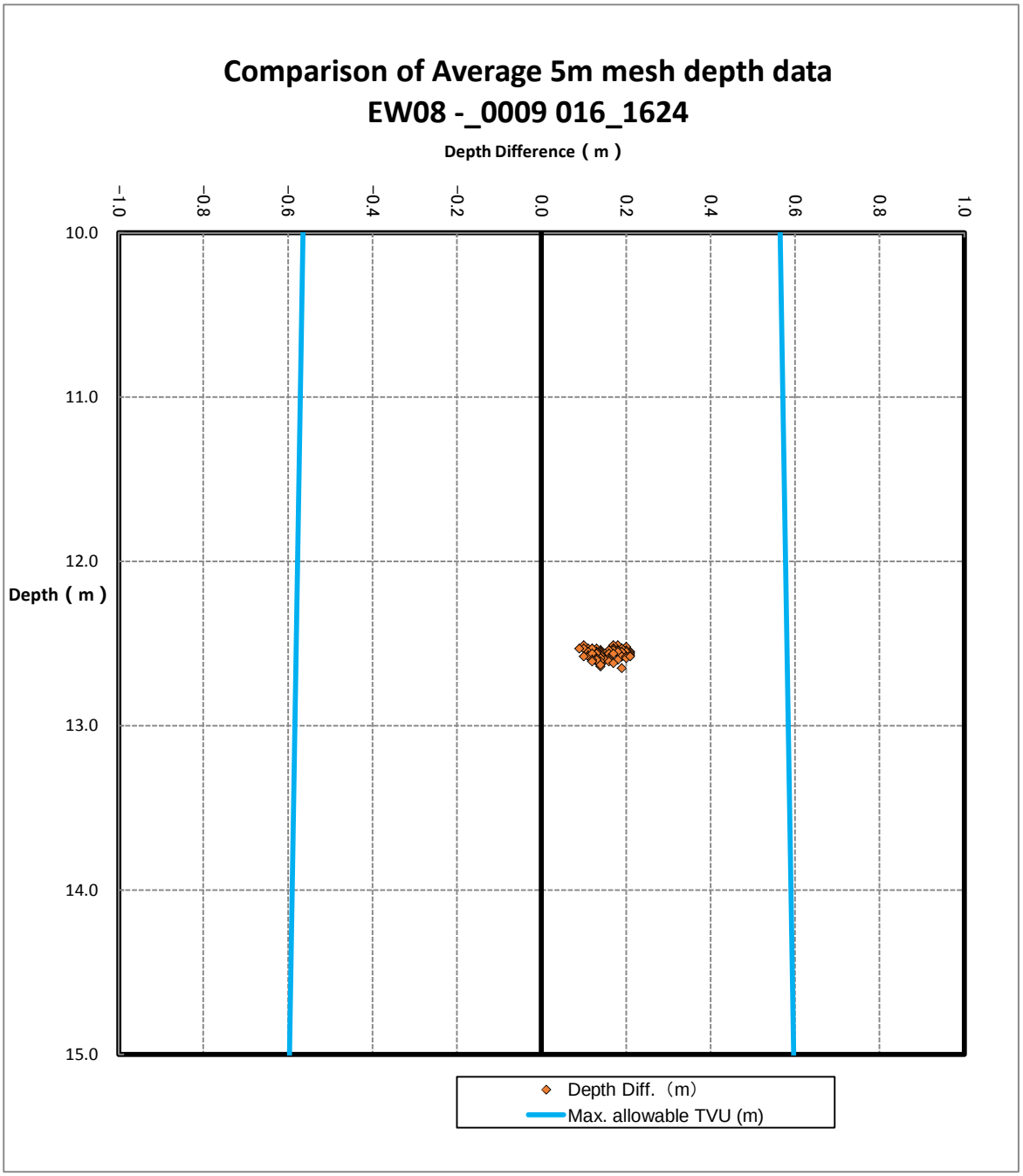


Multi-beam Echosounder Data Inspection

No.I33

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW8_0009
016_1624
Number of data 91

Number of valid data: 91 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.16 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

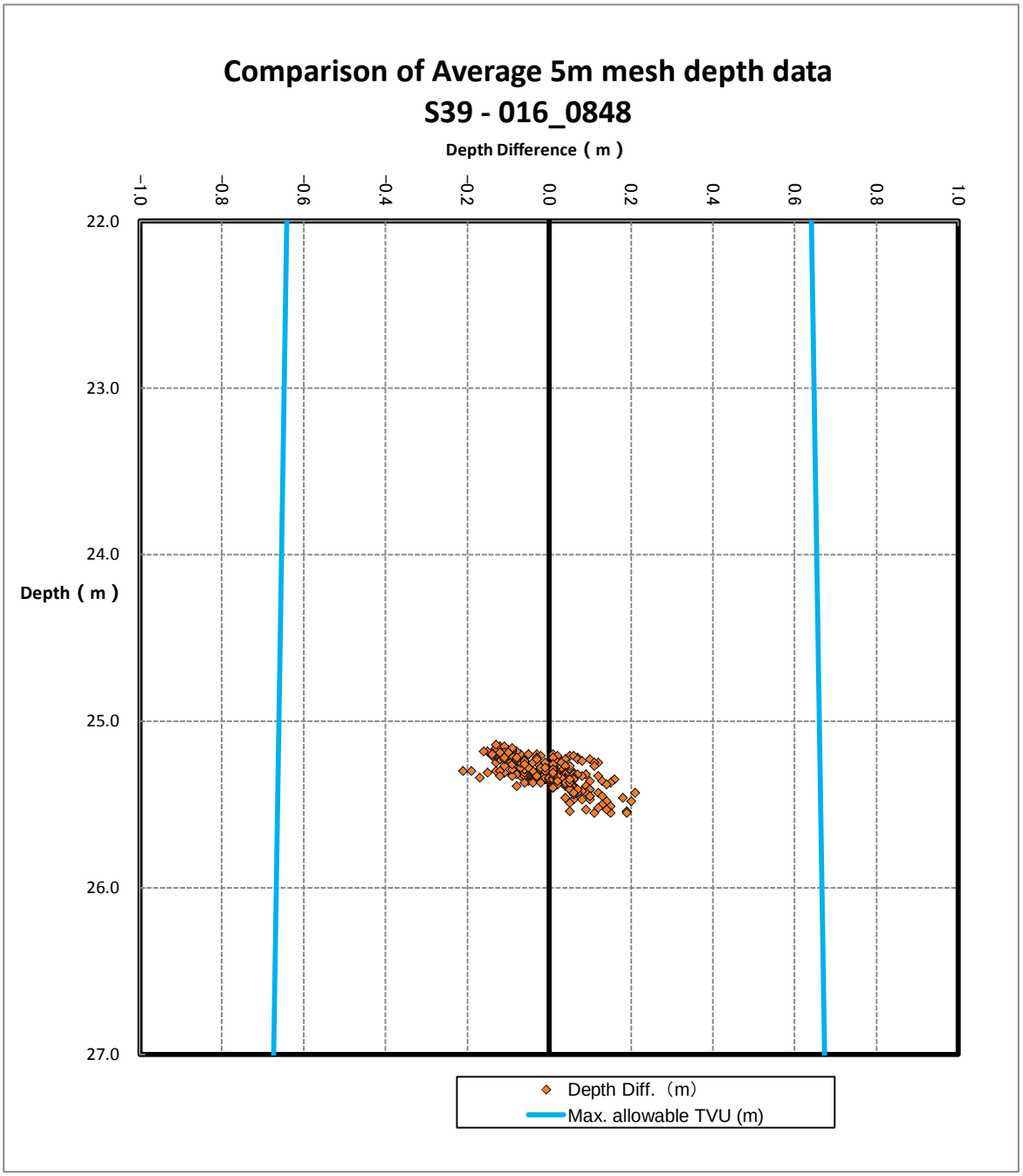


Multi-beam Echosounder Data Inspection

No.I34

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S39
016_0848
Number of data 301

Number of valid data: 301 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.01 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

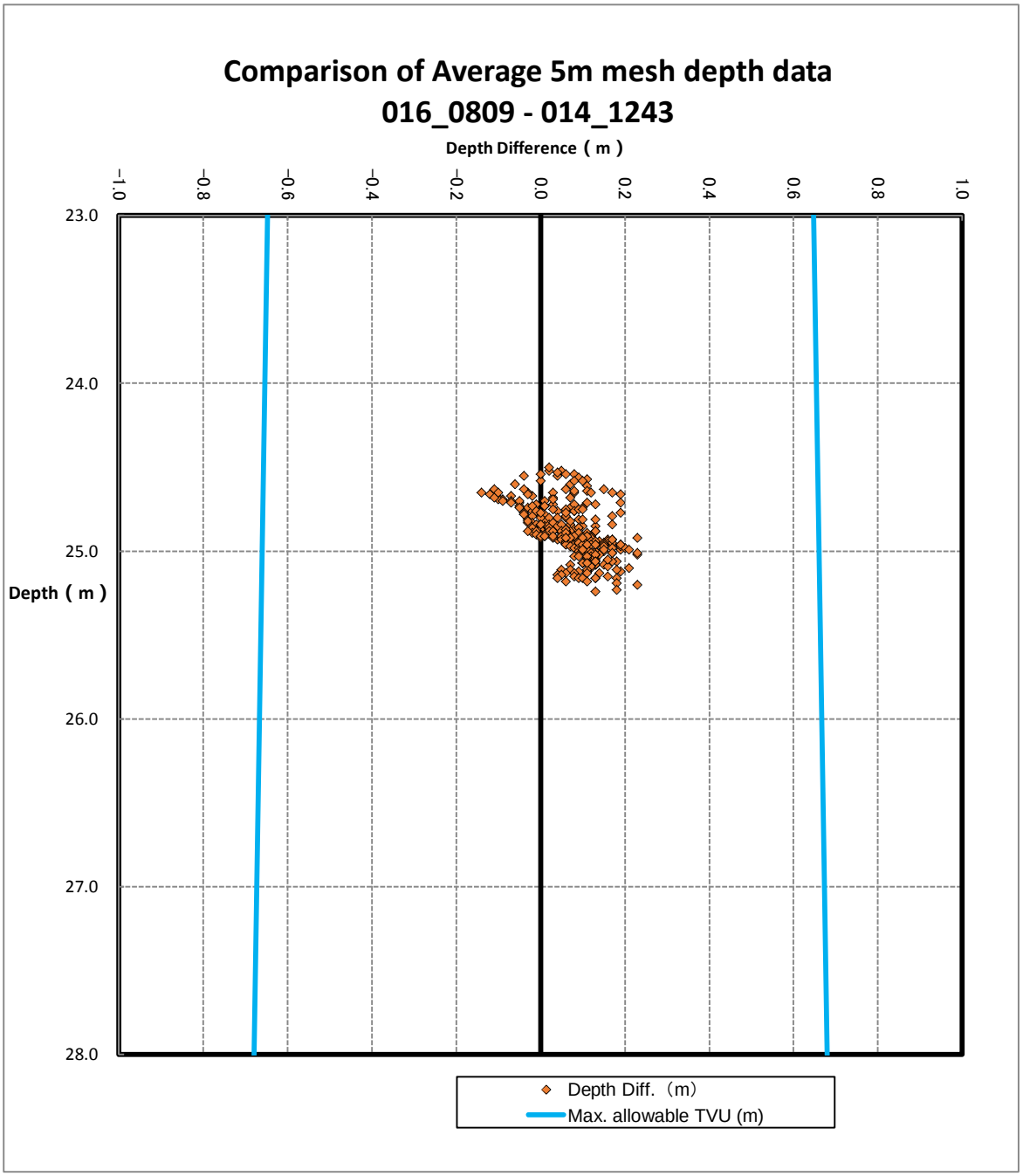


Multi-beam Echosounder Data Inspection

No.I35

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 016_0809
014_1243
Number of data 307

Number of valid data: 307 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.07 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

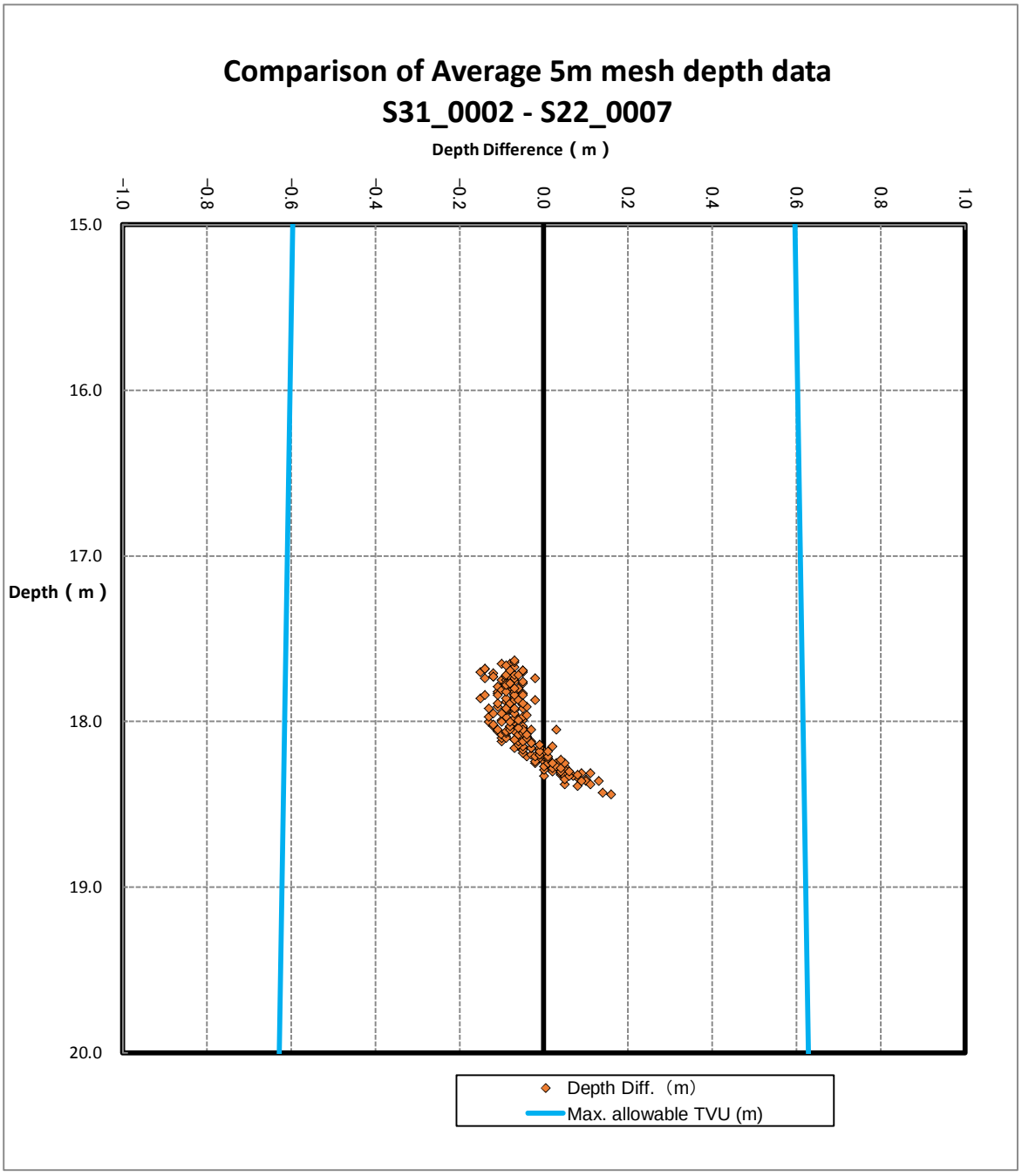


Multi-beam Echosounder Data Inspection

No.I36

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S31_0002
S22_0007
Number of data 205

Number of valid data: 205 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.04 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

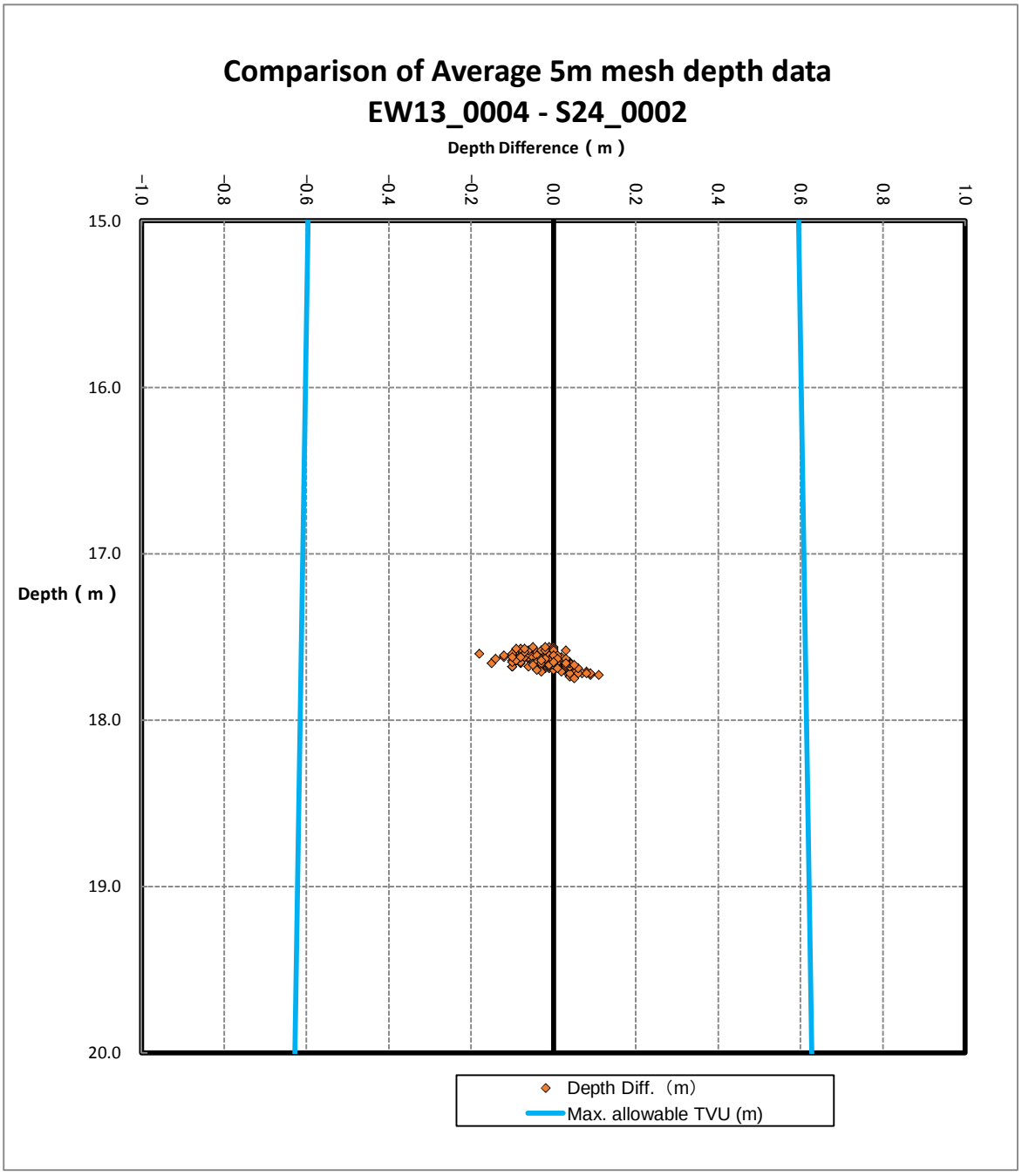


Multi-beam Echosounder Data Inspection

No.I37

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : EW13_0004
S24_0002
Number of data 167

Number of valid data: 167 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.02 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

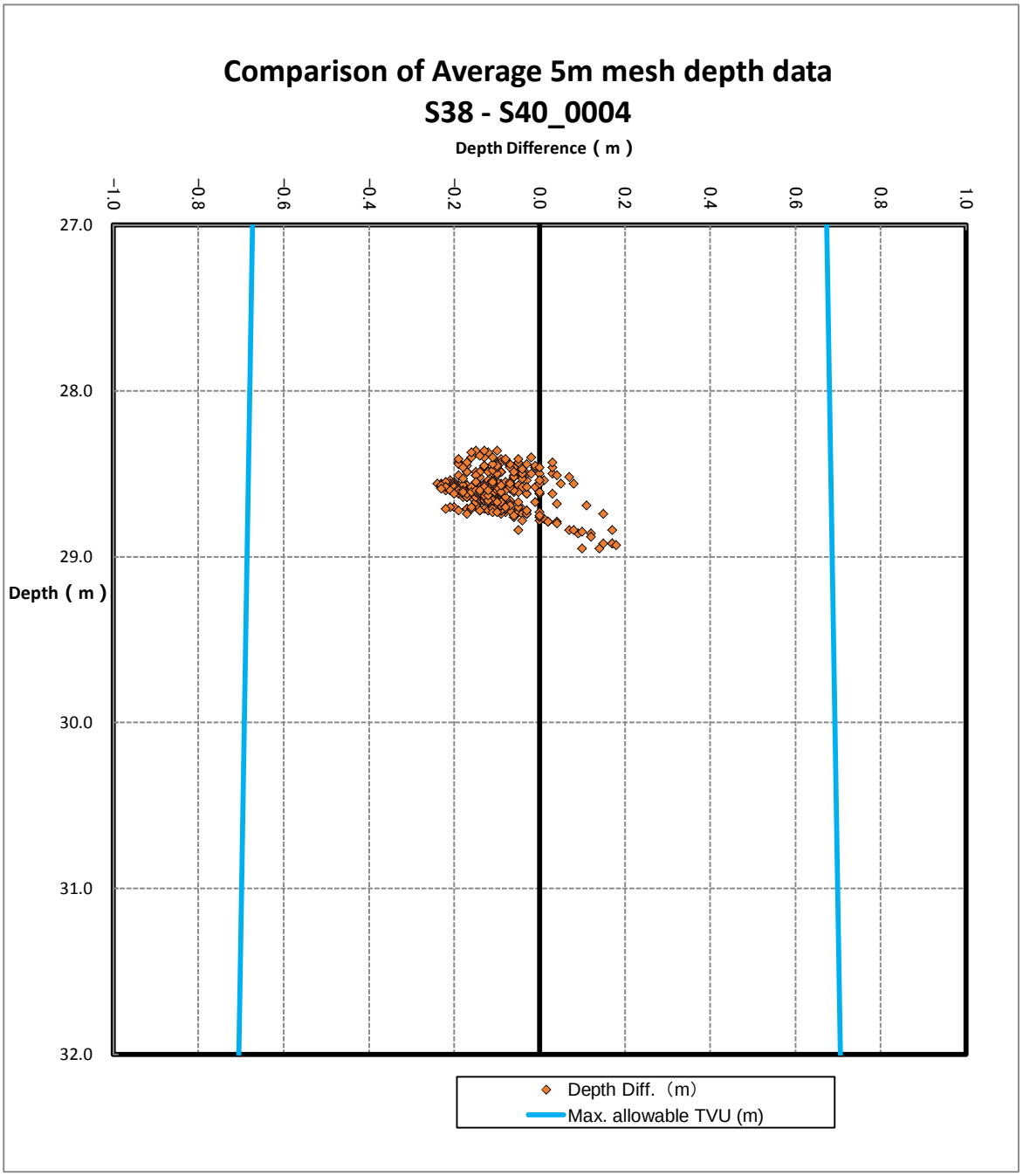


Multi-beam Echosounder Data Inspection

No.I38

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S38
S40_0004
Number of data 371

Number of valid data: 371 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.10 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

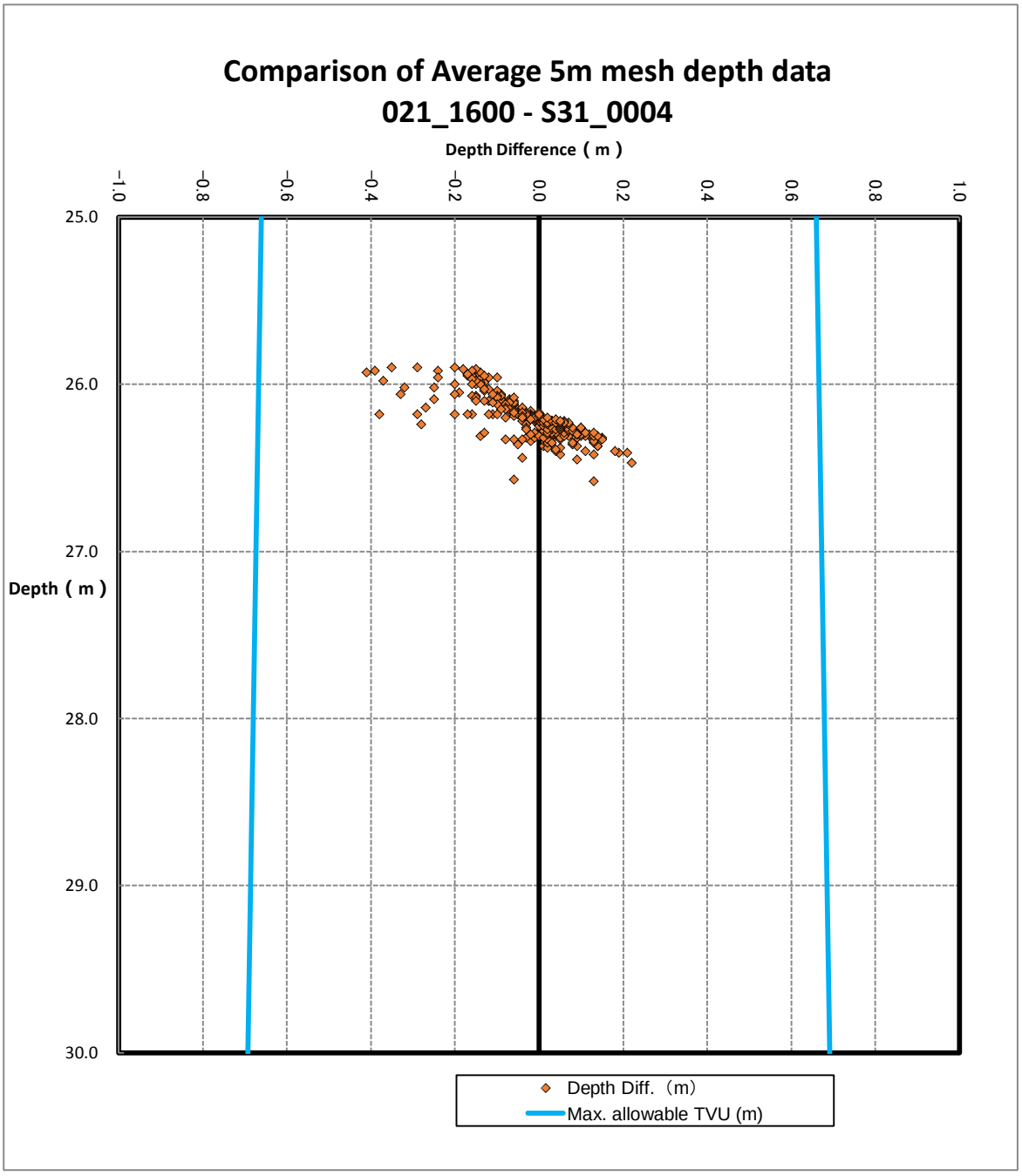


Multi-beam Echosounder Data Inspection

No.I39

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 021_1600
S31_0004
Number of data 299

Number of valid data: 299 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.02 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

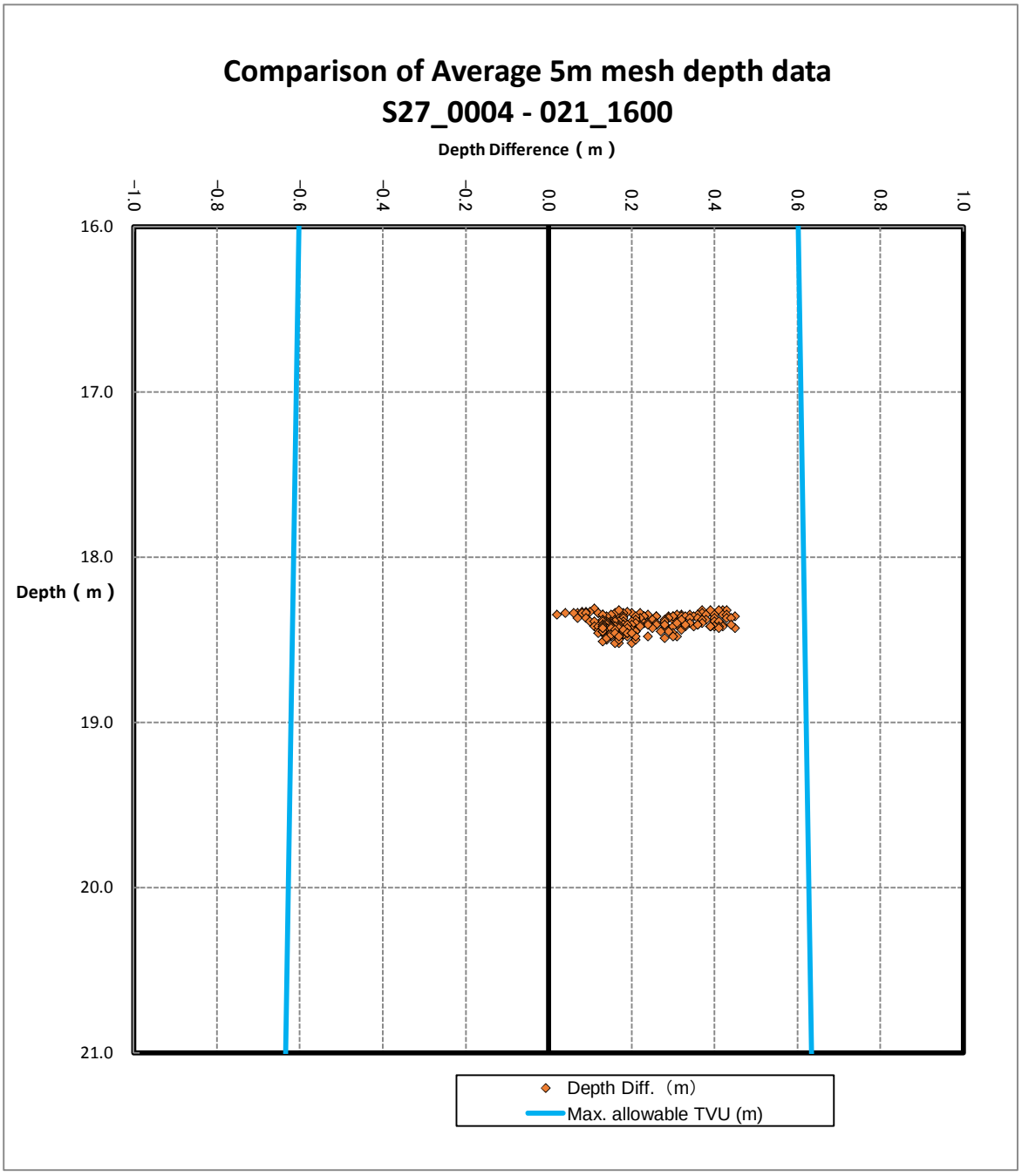


Multi-beam Echosounder Data Inspection

No.I40

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S27_0004
021_1600
Number of data 197

Number of valid data: 197 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.23 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

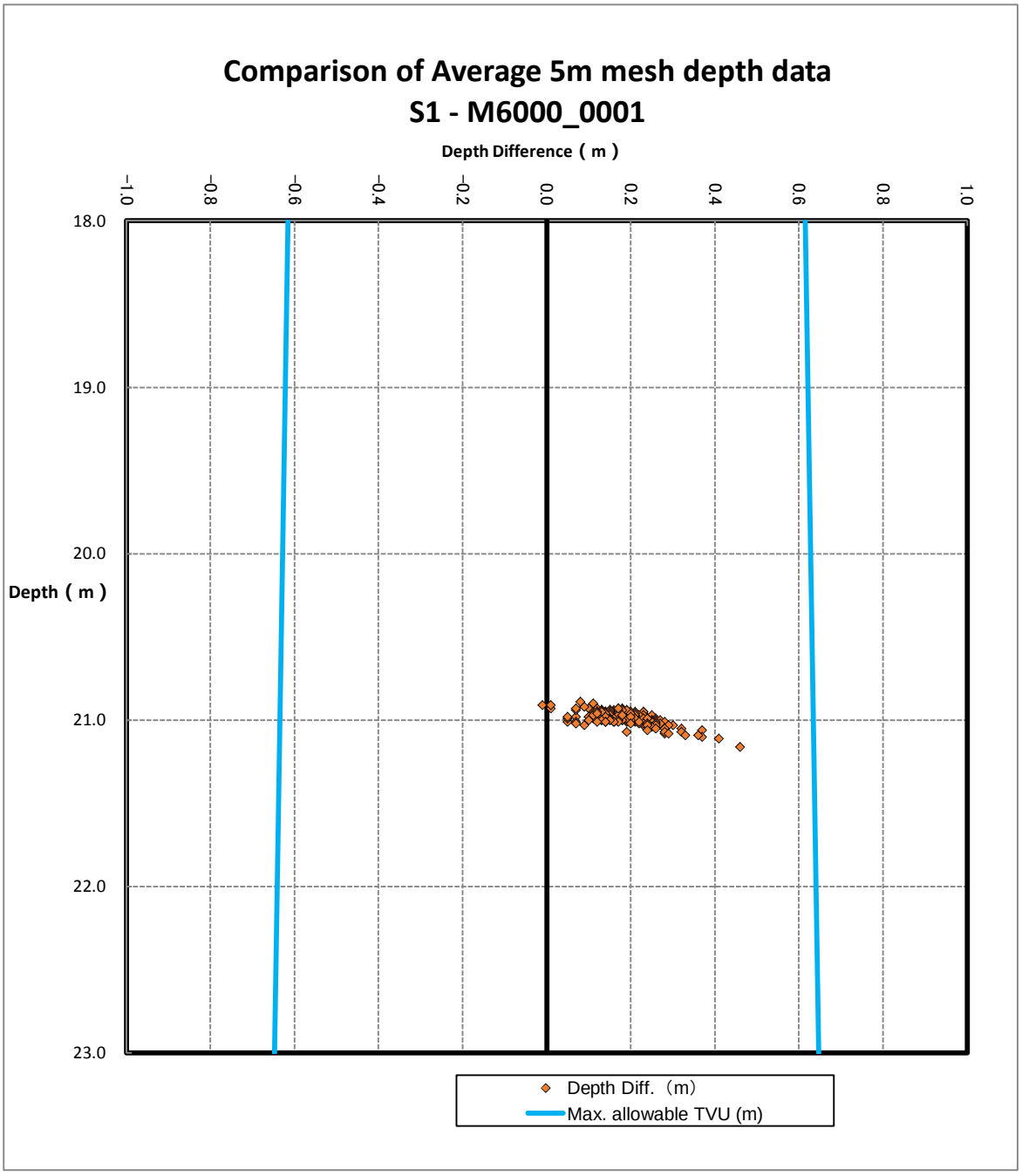


Multi-beam Echosounder Data Inspection

No.I41

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S1
M6000_0001
Number of data 228

Number of valid data: 228 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.18 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

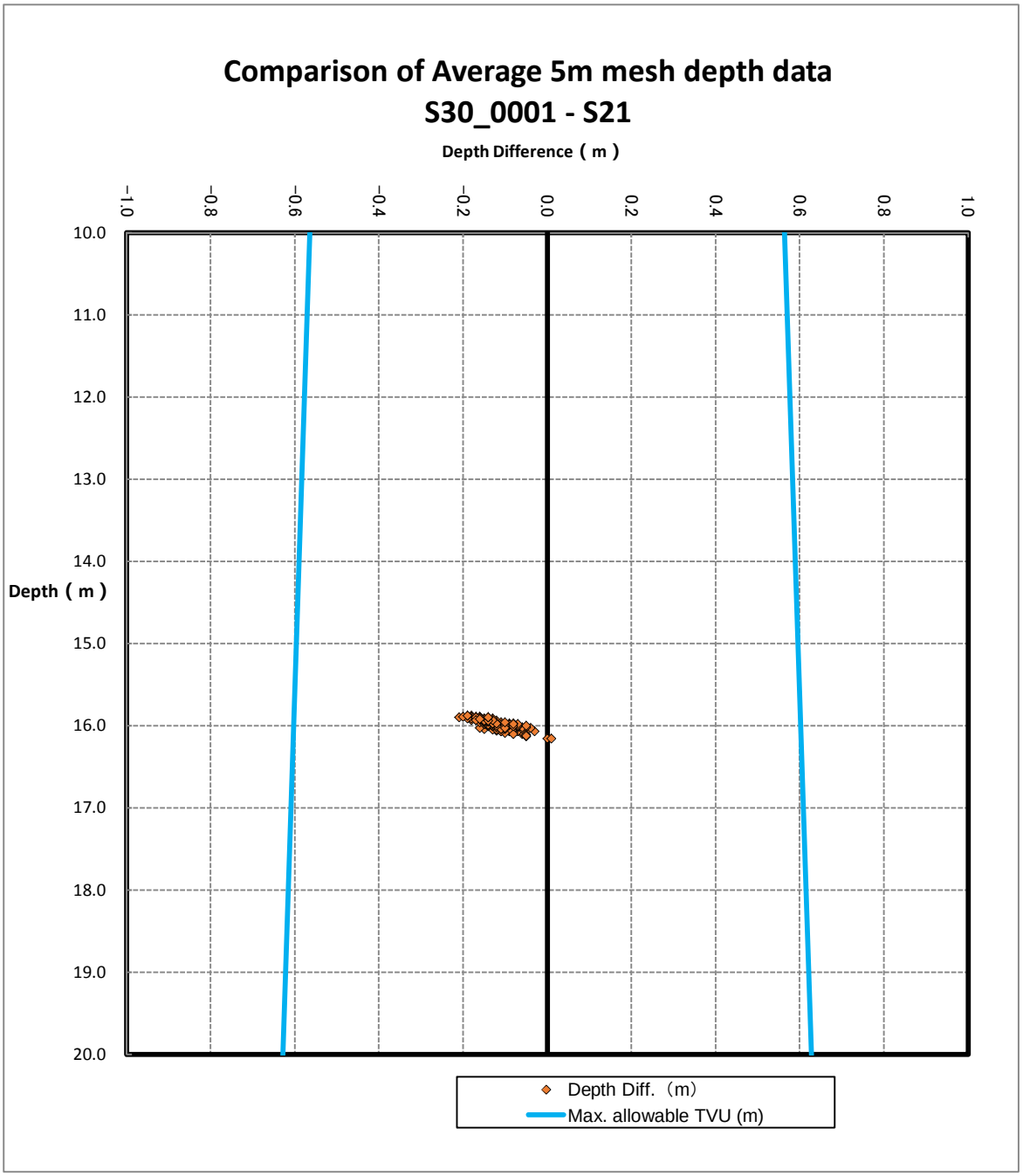


Multi-beam Echosounder Data Inspection

No.I42

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S30_0001
S21
Number of data 130

Number of valid data: 130 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.12 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

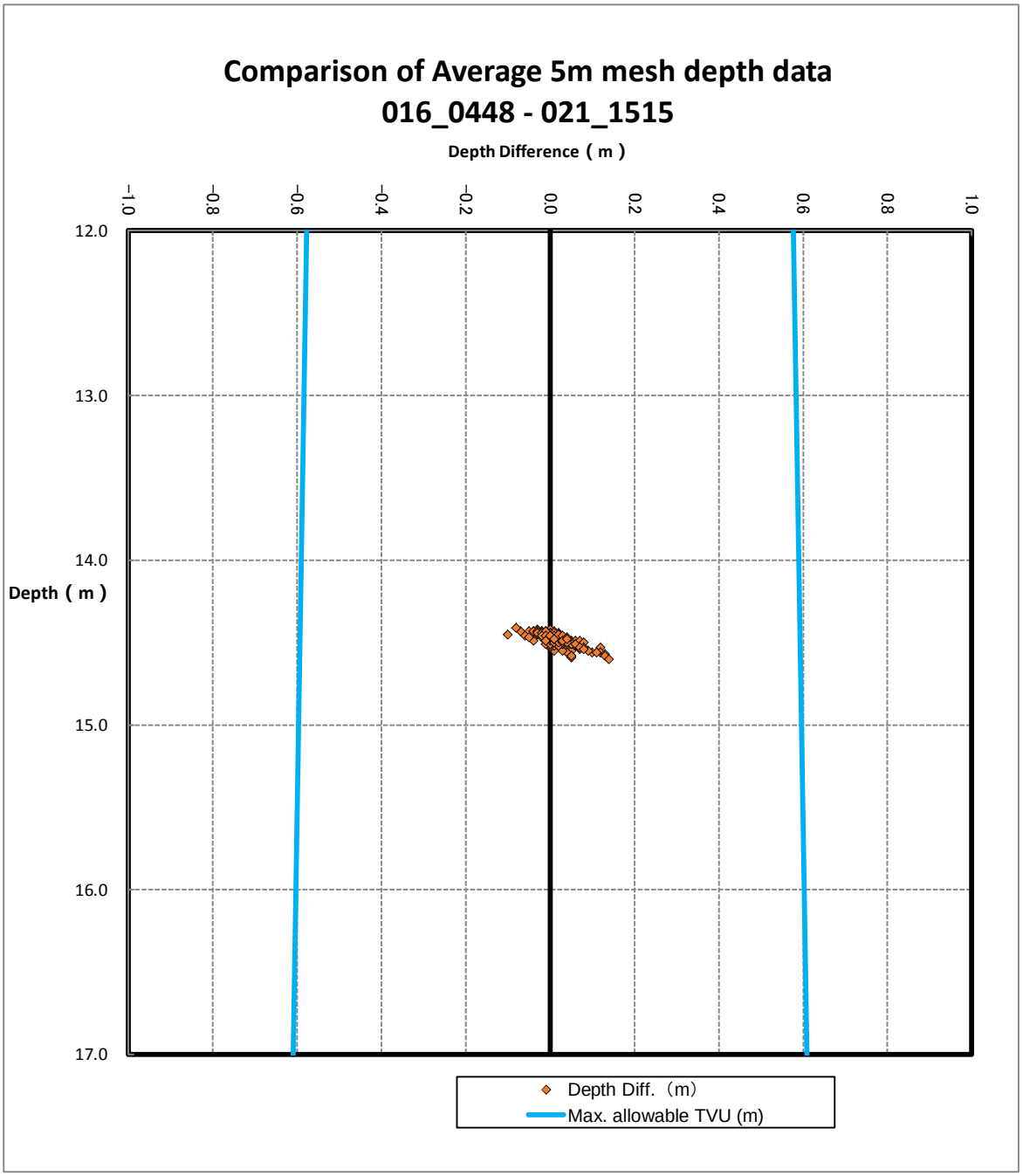


Multi-beam Echosounder Data Inspection

No.I43

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 016_0848
021_1515
Number of data 123

Number of valid data: 123 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.02 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

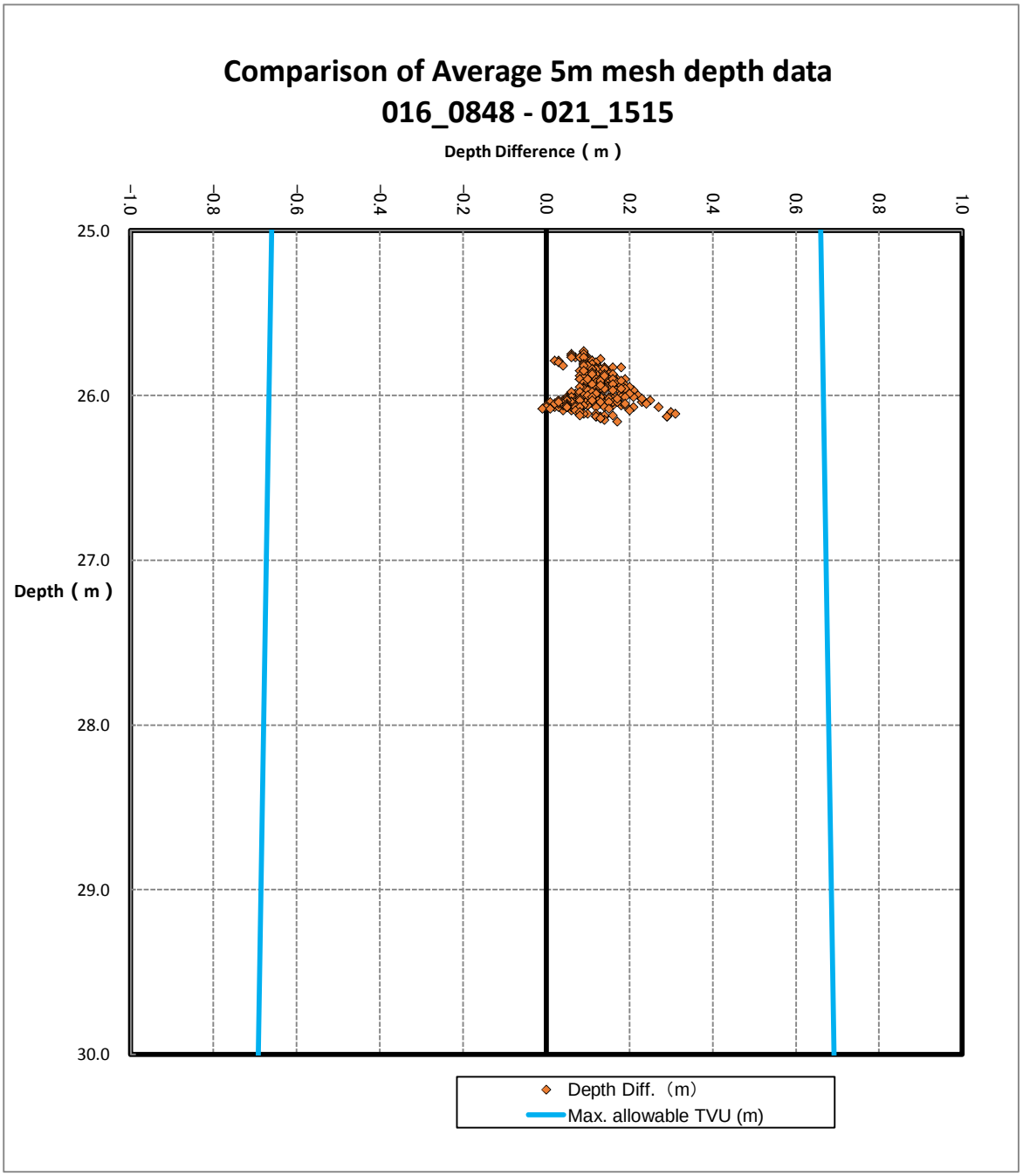


Multi-beam Echosounder Data Inspection

No.I44

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 016_0848
021_1515
Number of data 317

Number of valid data: 317 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.11 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

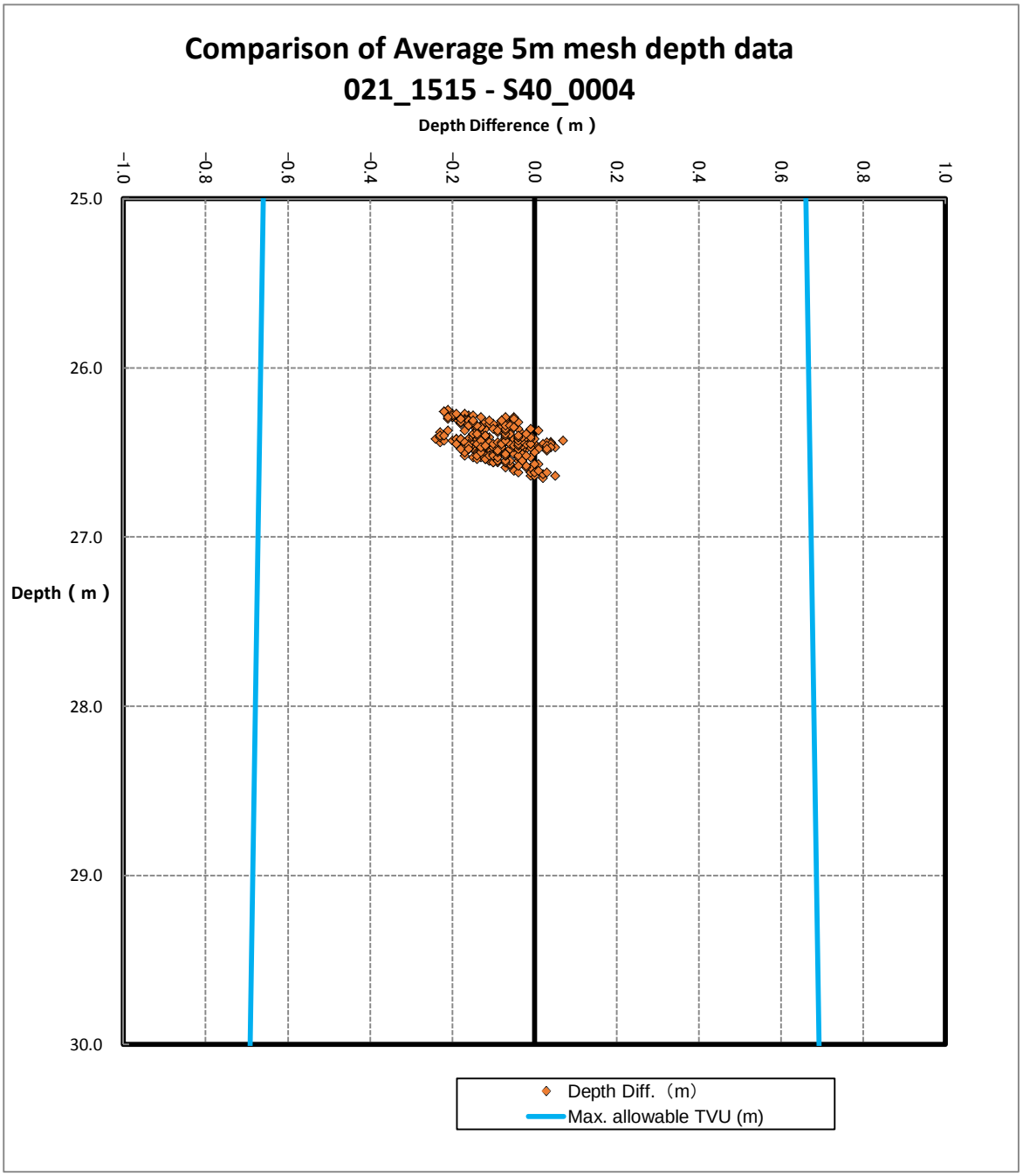


Multi-beam Echosounder Data Inspection

No.I45

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 021_1515
S40_0004
Number of data 334

Number of valid data: 334 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.11 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

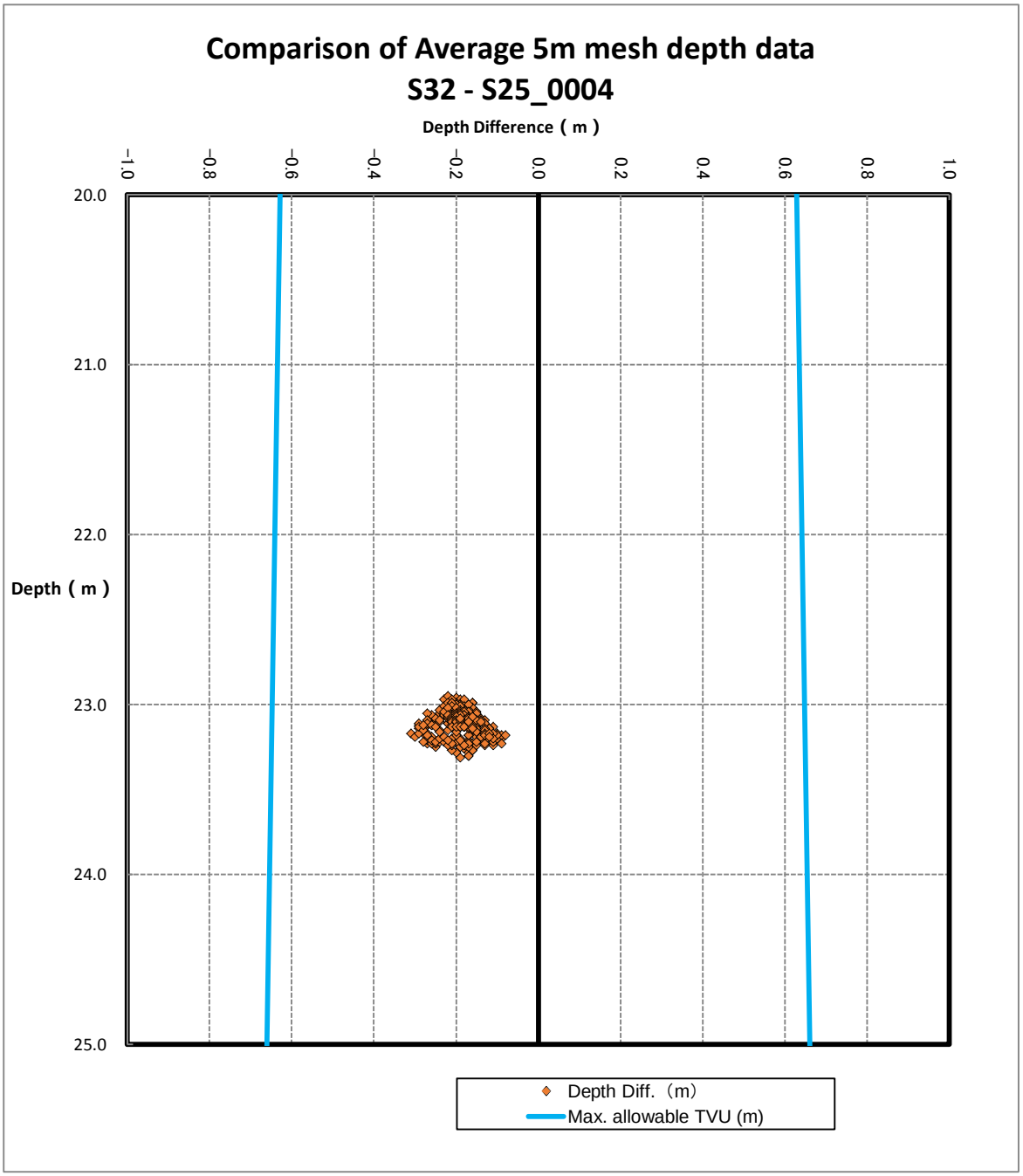


Multi-beam Echosounder Data Inspection

No.I46

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S32
S25_0004
Number of data 286

Number of valid data: 286 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.22 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

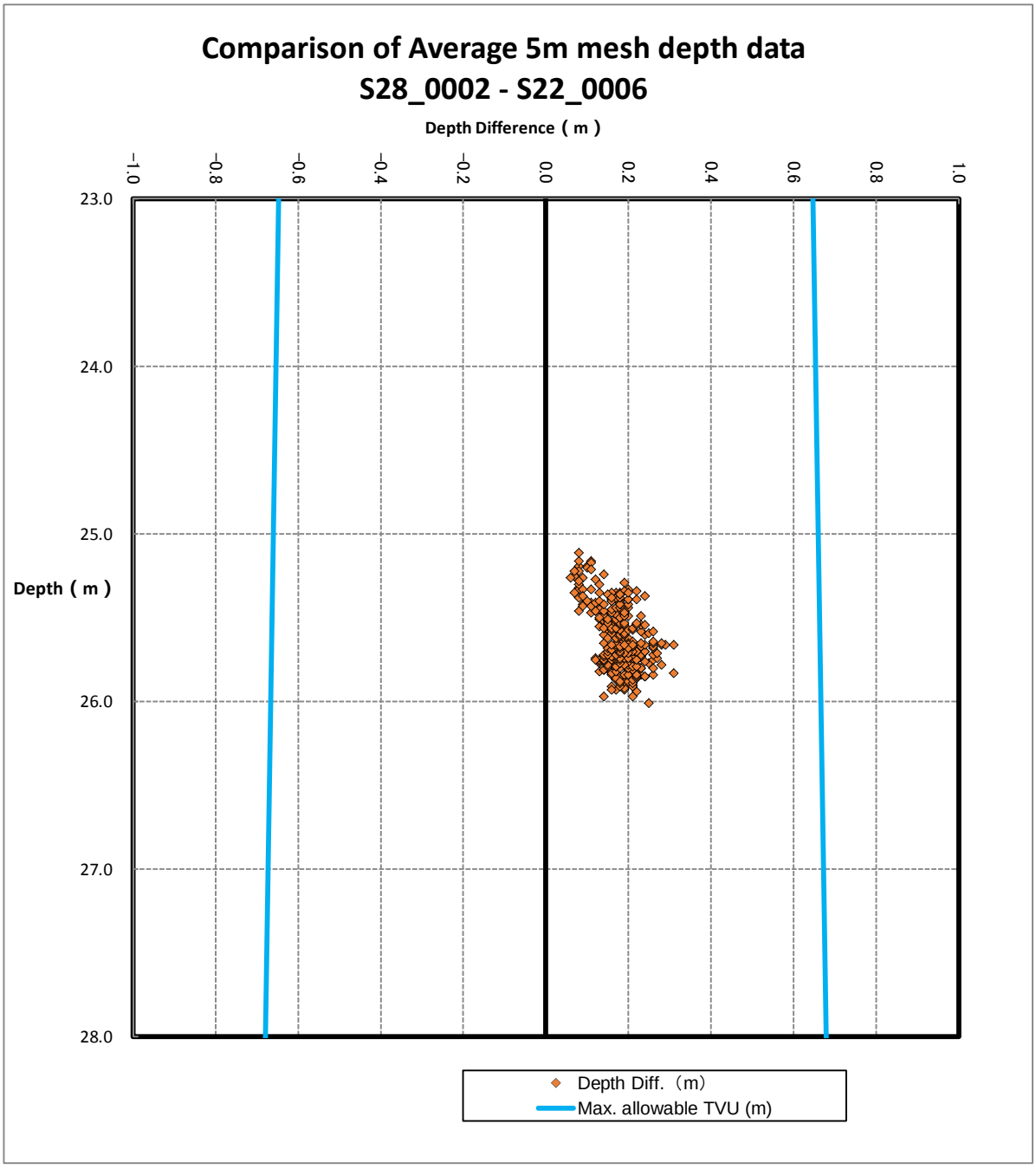


Multi-beam Echosounder Data Inspection

No.I47

Area : KampoInvalid Saom Bay Coastal and Approach
Order : 1a
Survey Line : S28_0002
S22_0006
Number of data 315

Number of valid data: 315 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.21 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

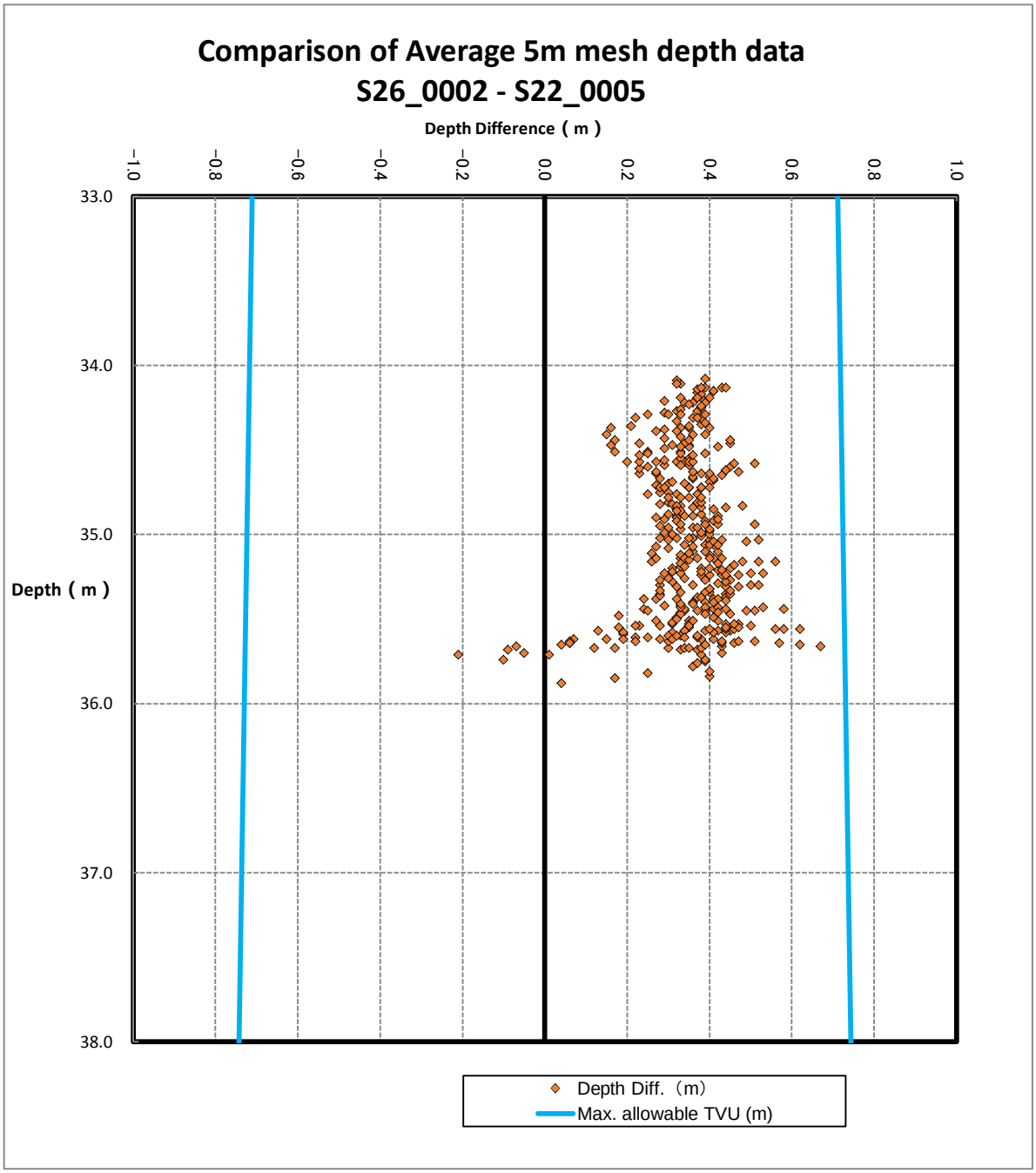


Multi-beam Echosounder Data Inspection

No.I48

Area : KampoInvalid Saom Bay Coastal and Approach
Order : 1a
Survey Line : S26_0002
S22_0005
Number of data 394

Number of valid data: 394 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.19 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

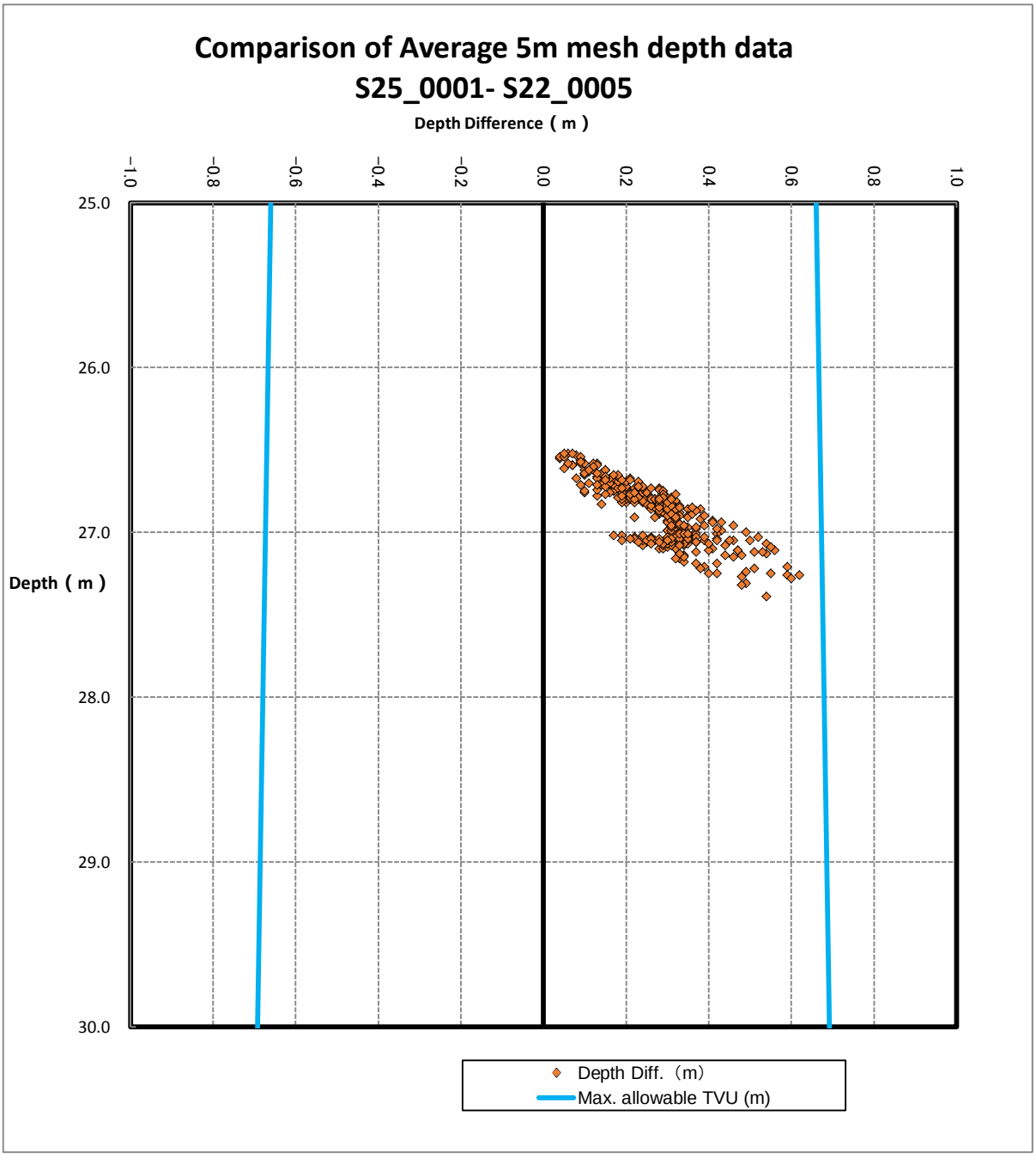


Multi-beam Echosounder Data Inspection

No.I49

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S25_0001
S22_0005
Number of data 356

Number of valid data : 355 99.72%
Number of invalid data : 1 0.28%
Mean Difference : 0.44 m
Maximum allowable TVU : $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

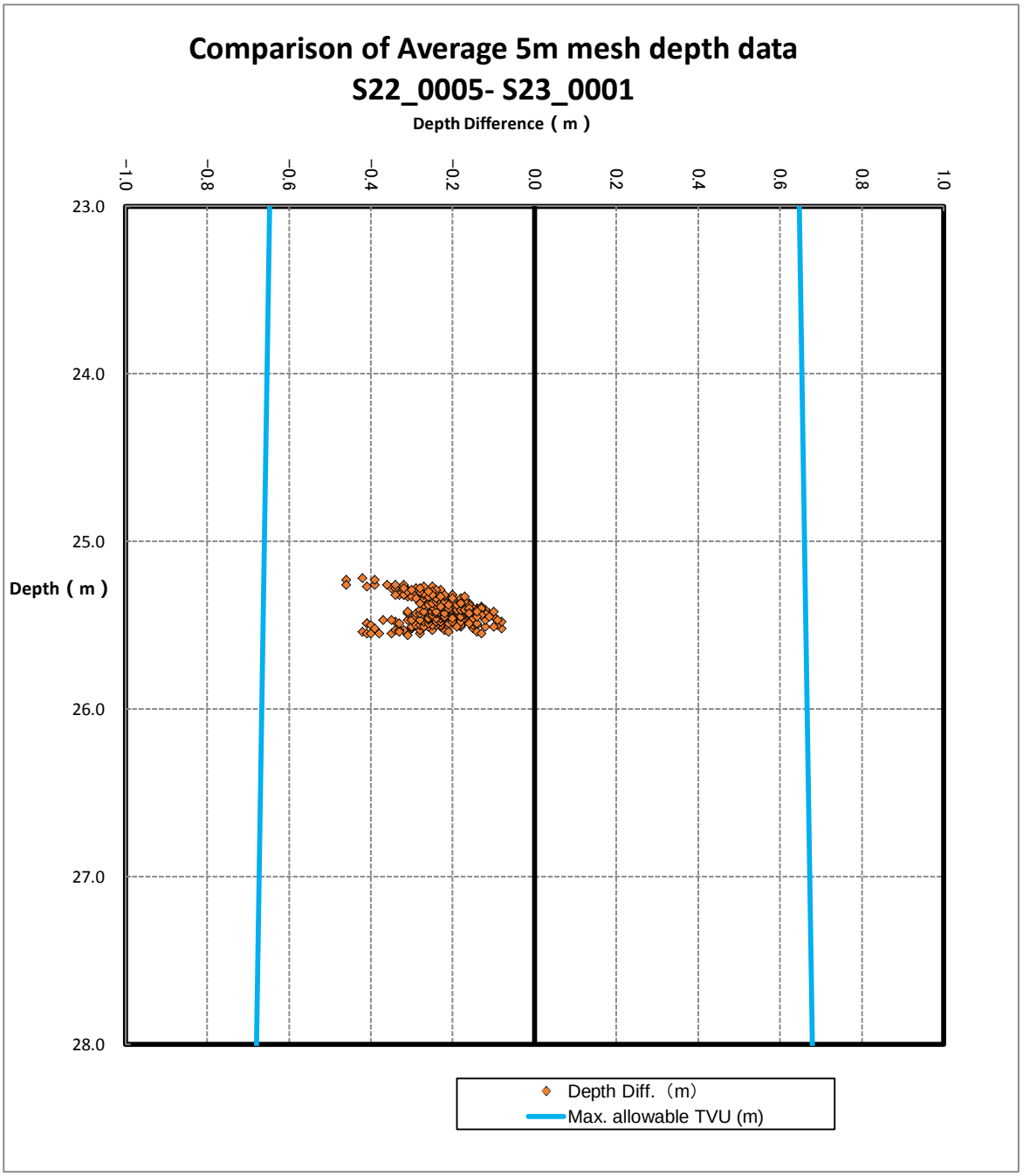


Multi-beam Echosounder Data Inspection

No.I50

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S22_0005
S23_0001
Number of data 325

Number of valid data: 325 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.30 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

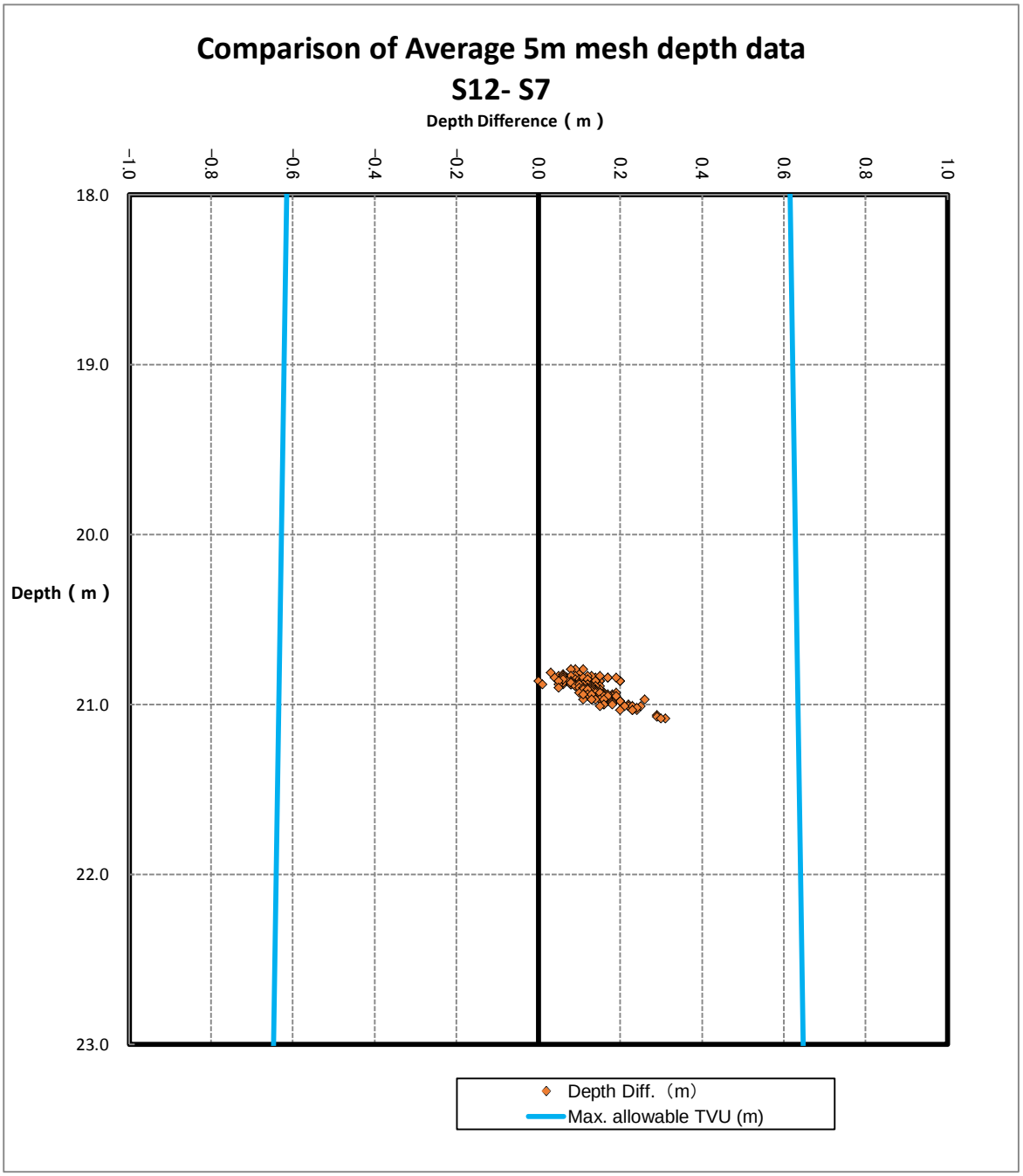


Multi-beam Echosounder Data Inspection

No.I51

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S12
S7
Number of data 196

Number of valid data: 196 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.13 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

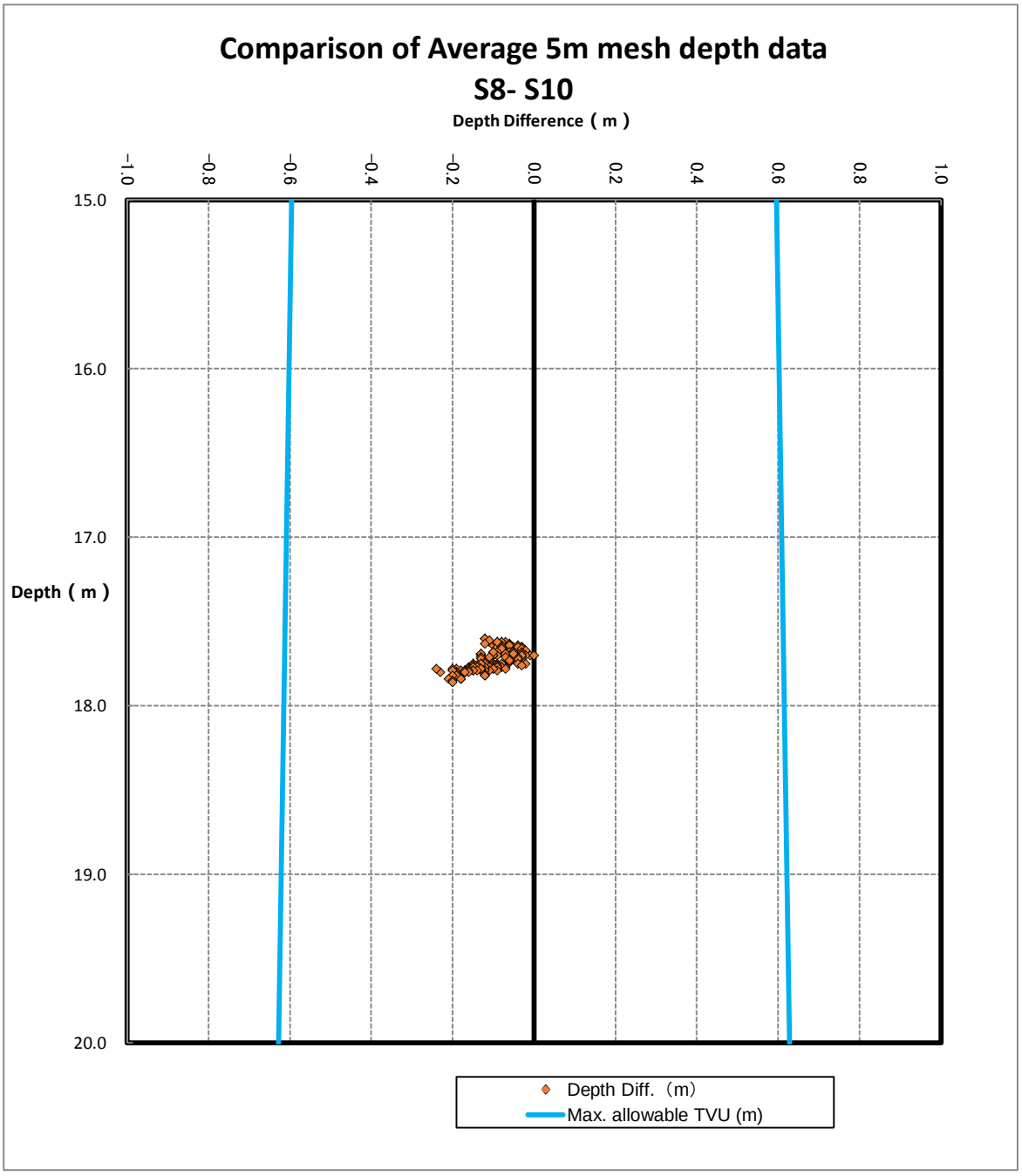


Multi-beam Echosounder Data Inspection

No.I52

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S8
S10
Number of data 168

Number of valid data: 168 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.07 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

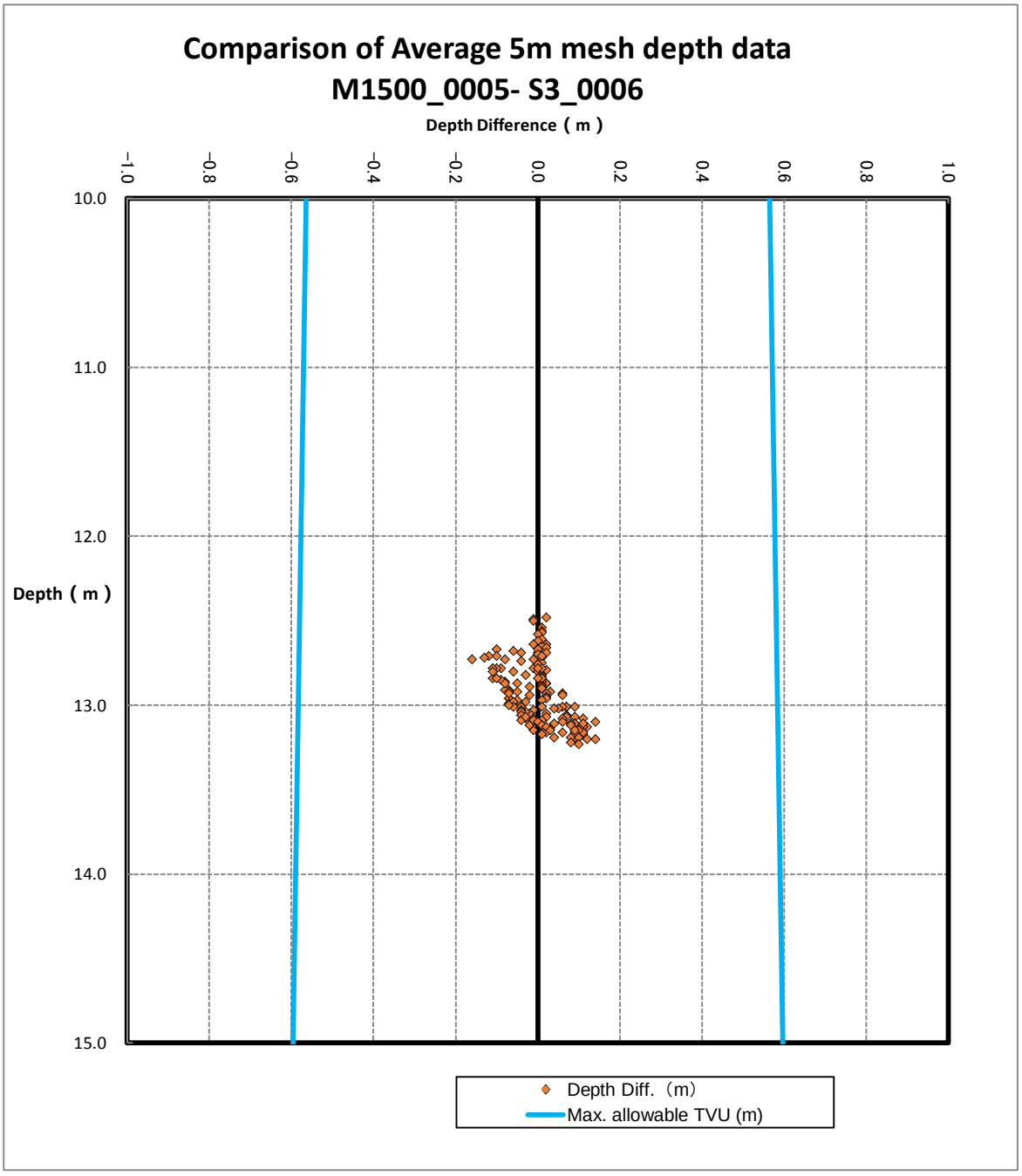


Multi-beam Echosounder Data Inspection

No.I53

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : M1500_0005
S3_0006
Number of data 148

Number of valid data: 148 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.02 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

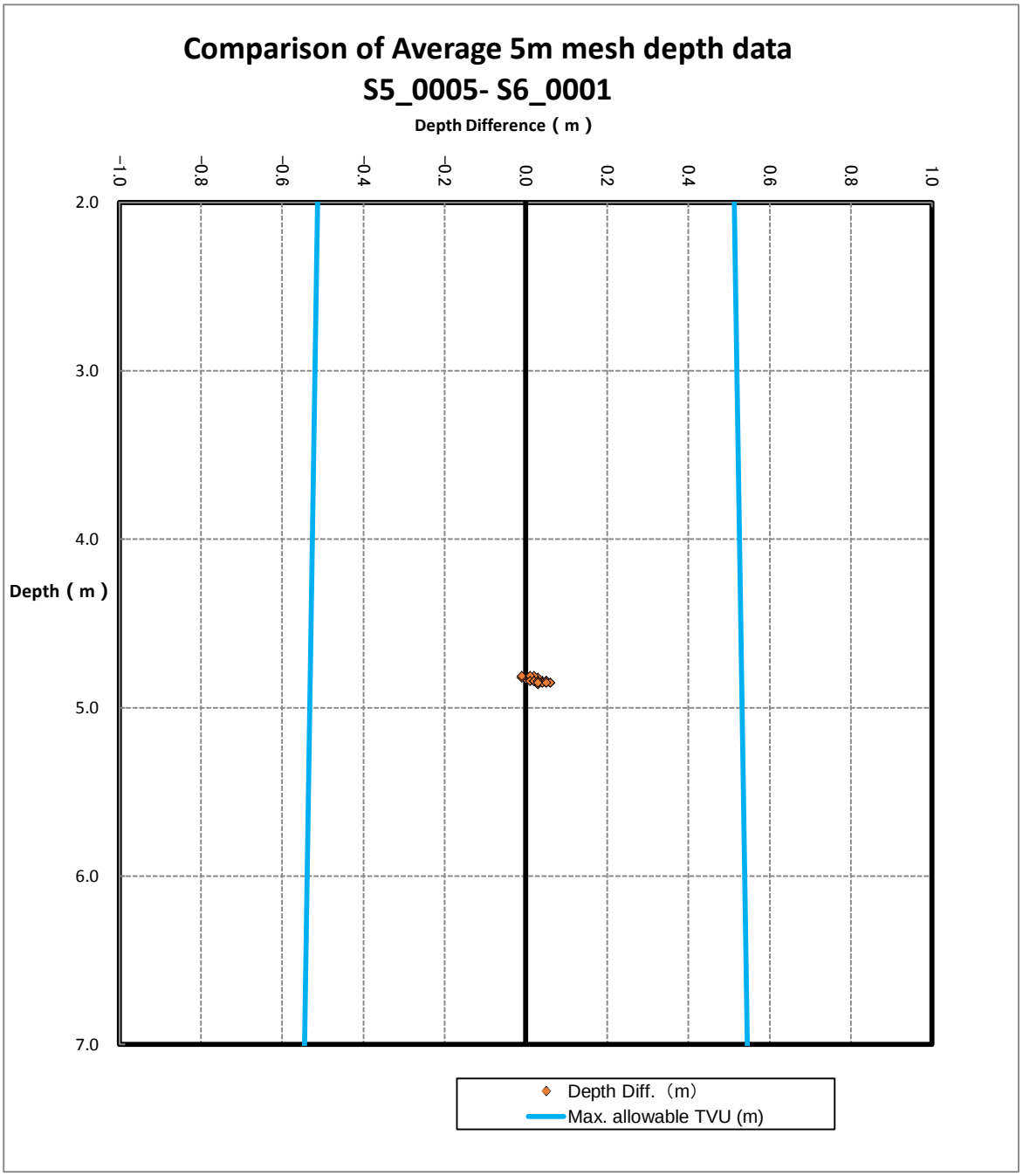


Multi-beam Echosounder Data Inspection

No.I54

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S5_0005
S6_0001
Number of data 28

Number of valid data: 28 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.03 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

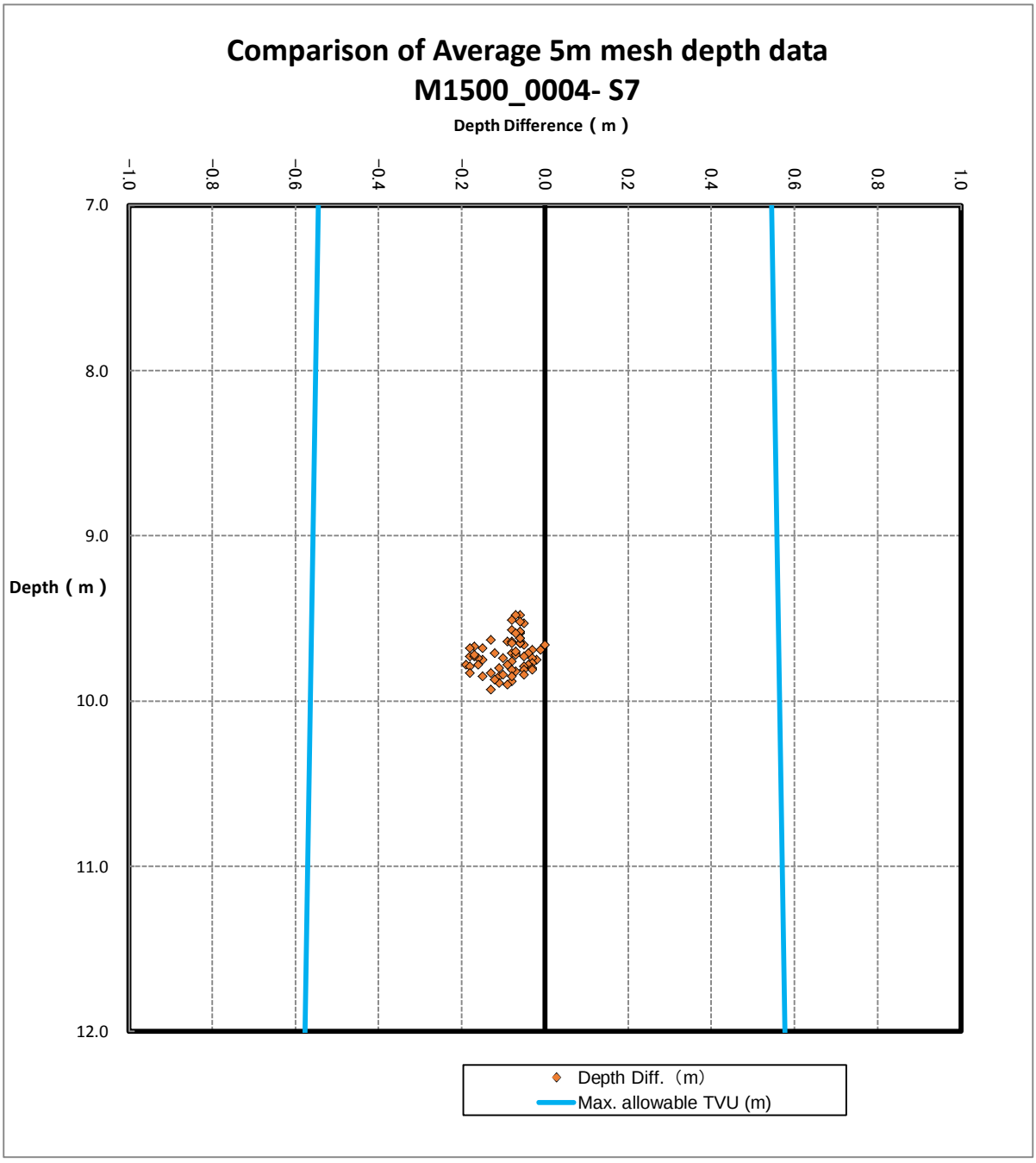


Multi-beam Echosounder Data Inspection

No.I55

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : M1500_0004
S7
Number of data 66

Number of valid data: 66 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.07 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

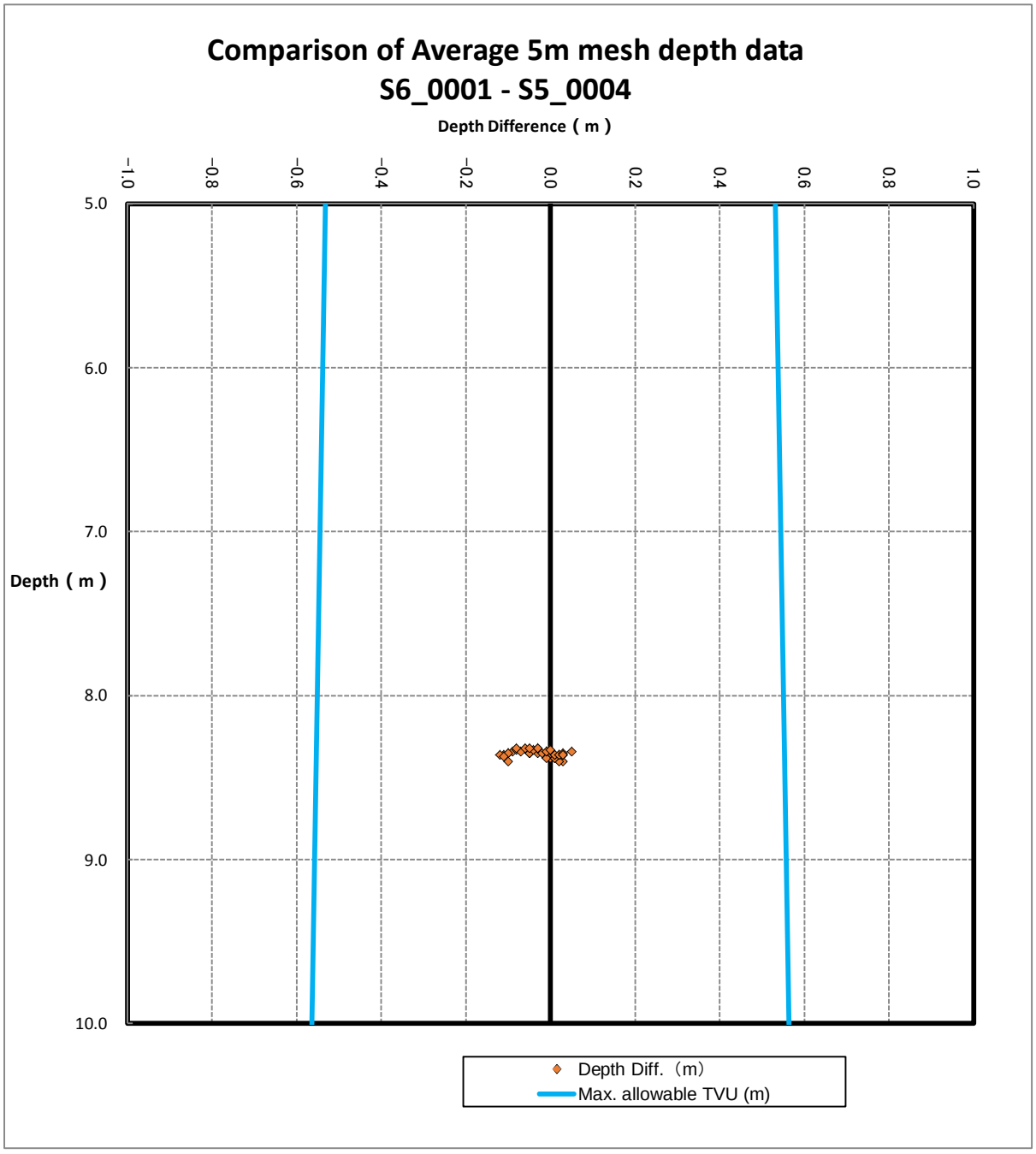


Multi-beam Echosounder Data Inspection

No.I56

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S6_0001
S5_0004
Number of data 40

Number of valid data: 40 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.03 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

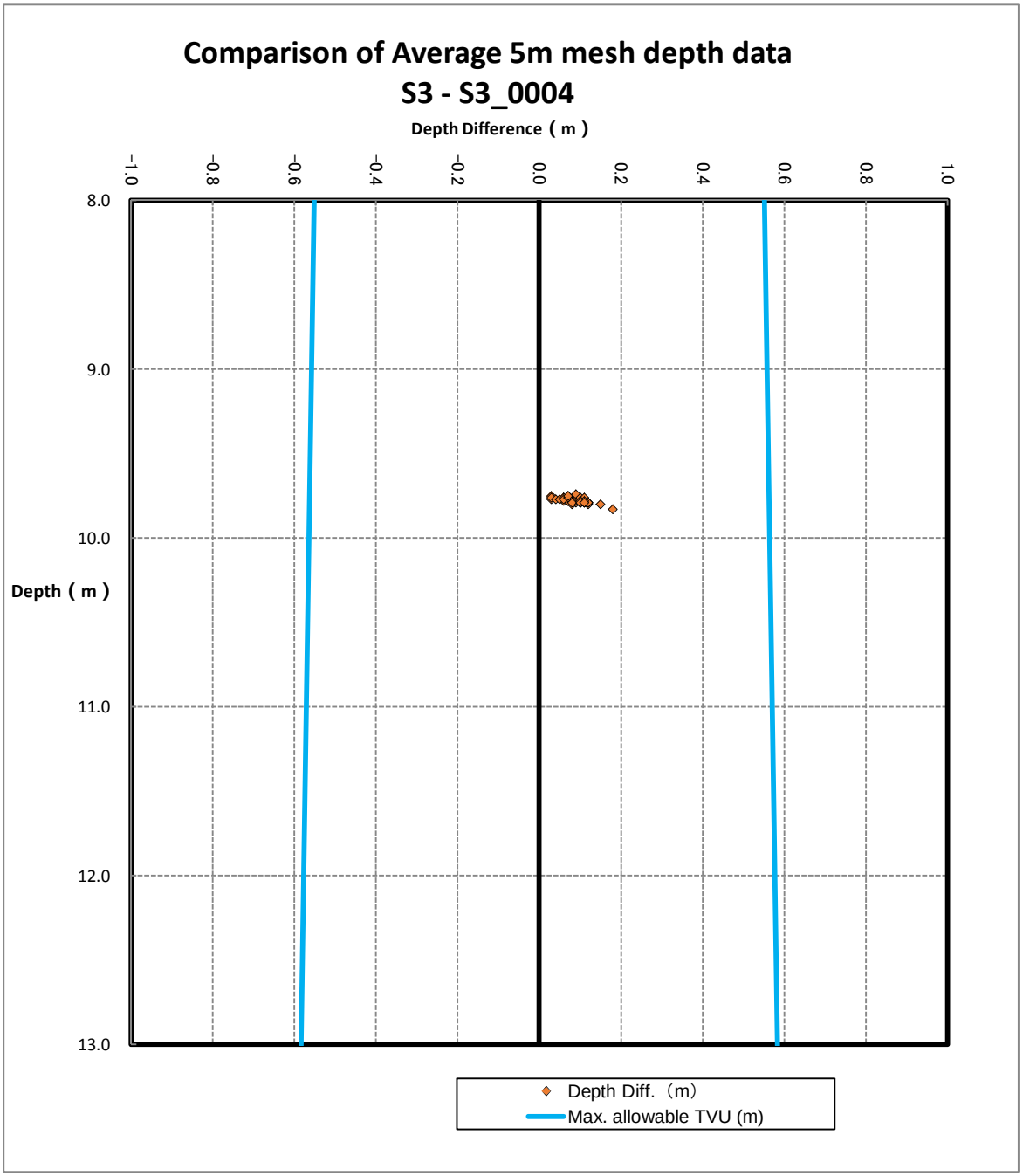


Multi-beam Echosounder Data Inspection

No.I57

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S3
S3_0004
Number of data 53

Number of valid data: 53 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.09 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

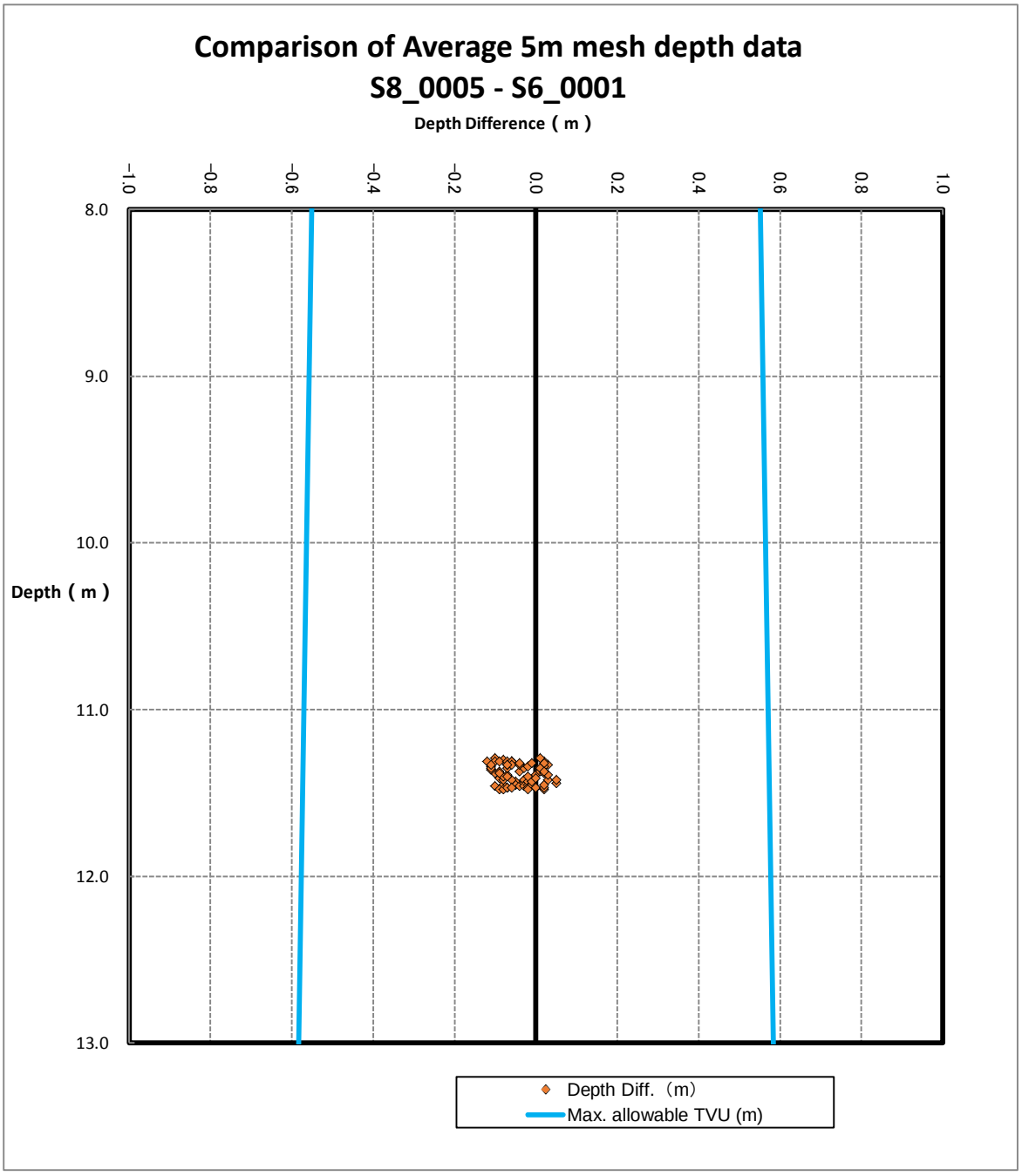


Multi-beam Echosounder Data Inspection

No.I58

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S8_0005
S6_0001
Number of data 77

Number of valid data: 77 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.04 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

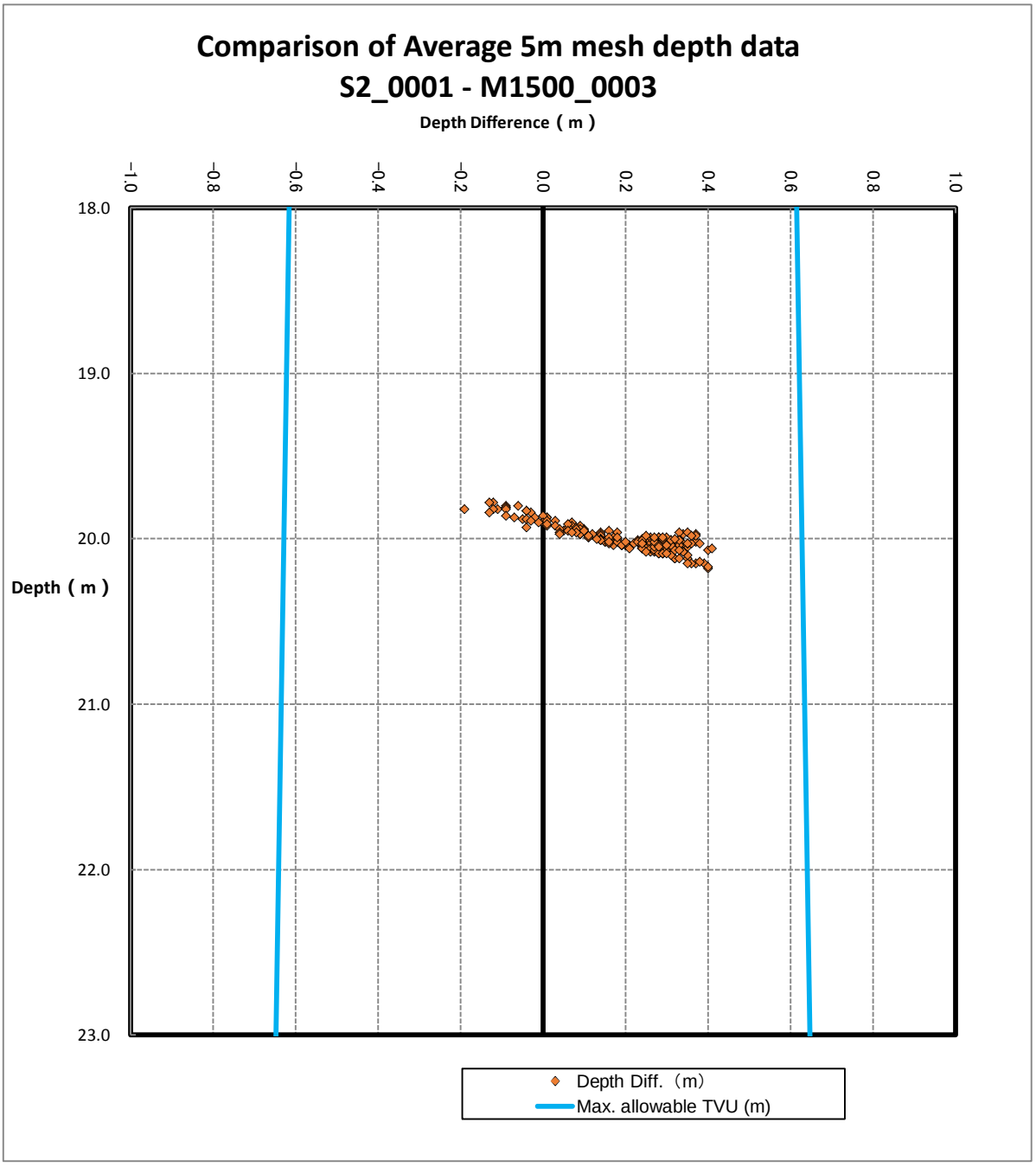


Multi-beam Echosounder Data Inspection

No.I59

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S2_0001
M1500_0003
Number of data 201

Number of valid data: 201 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.11 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

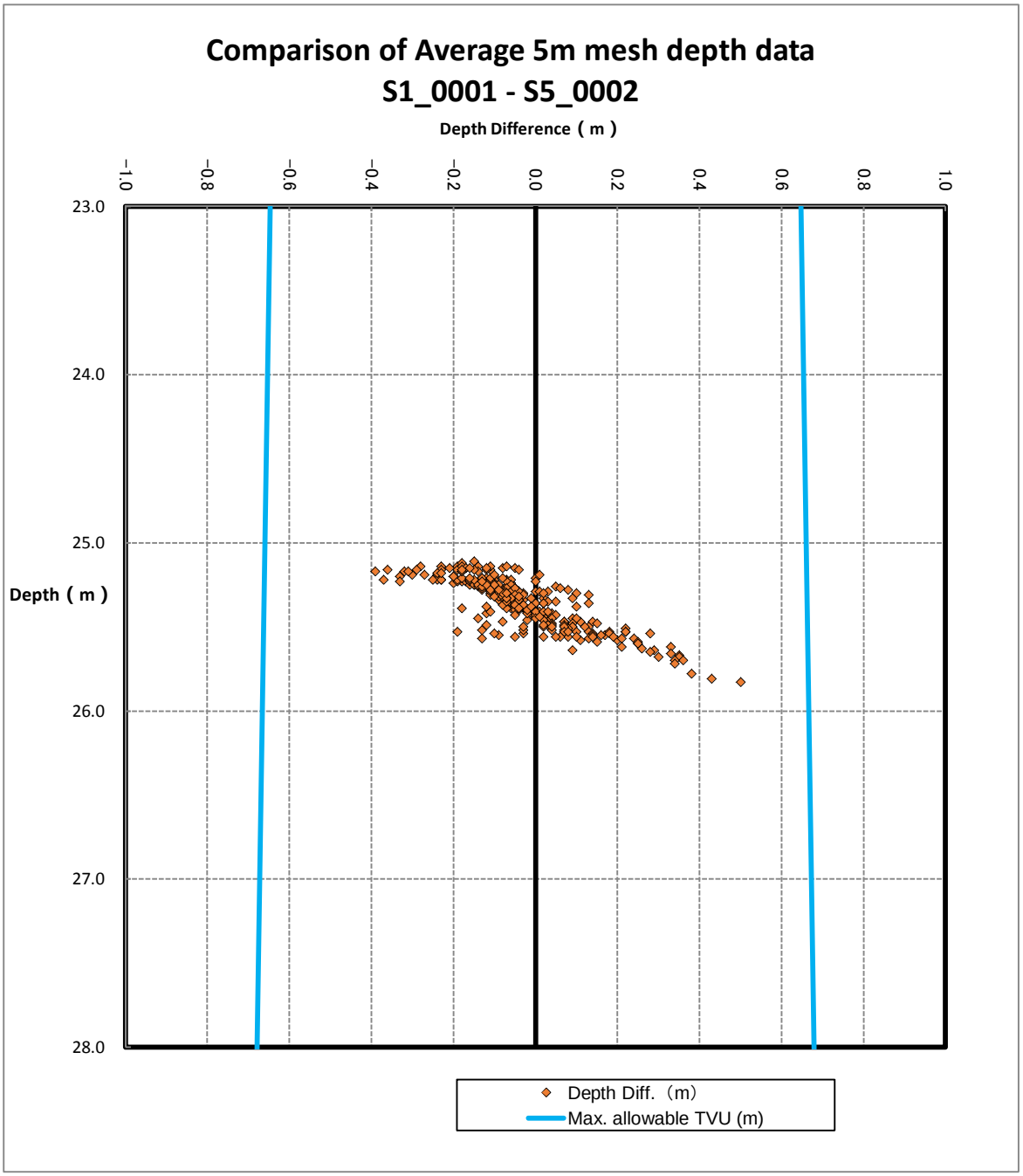


Multi-beam Echosounder Data Inspection

No.I60

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S1_0001
S5_0002
Number of data 322

Number of valid data: 322 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.03 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

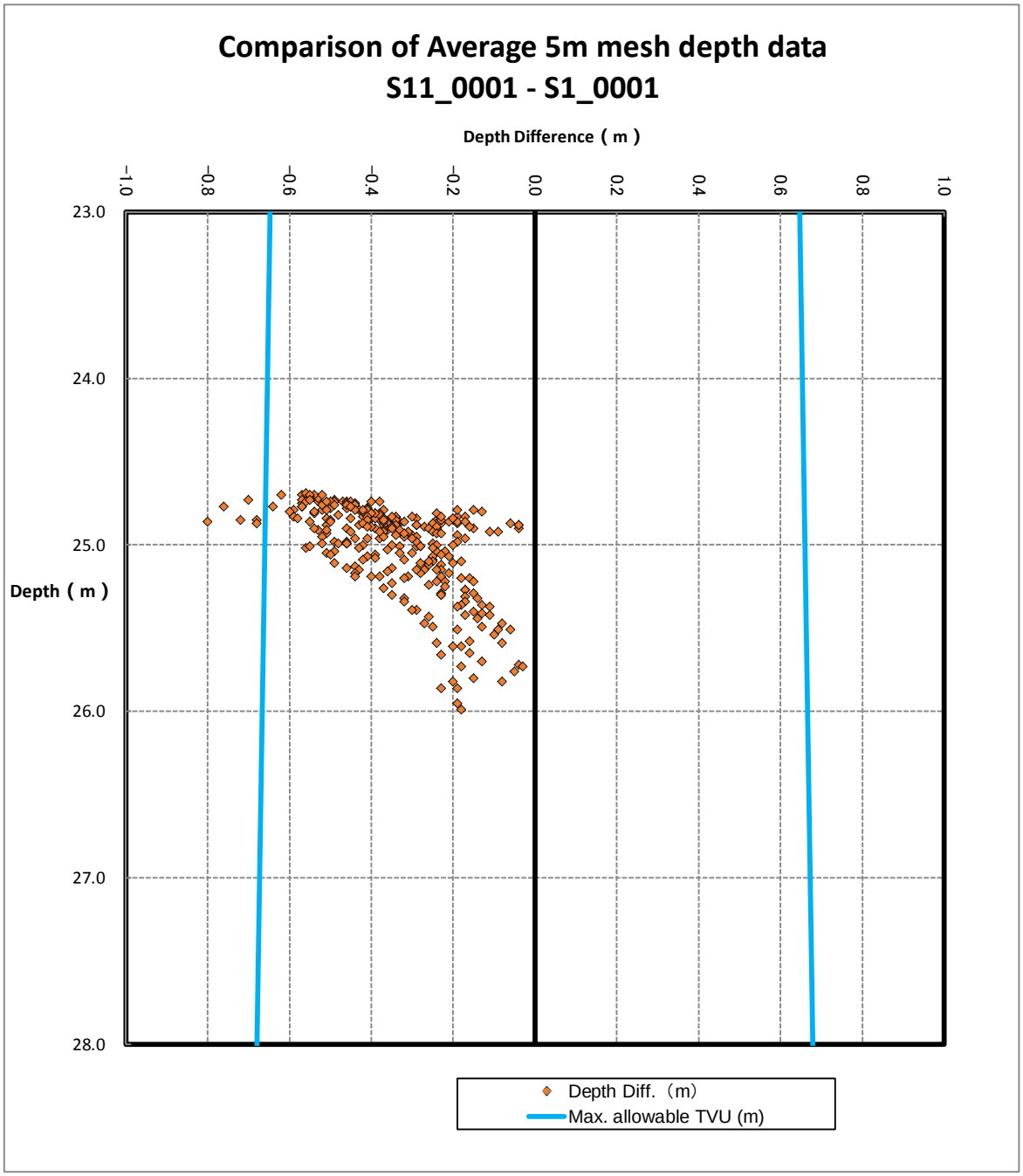


Multi-beam Echosounder Data Inspection

No.I61

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S11_0001
S1_0001
Number of data 294

Number of valid data: 287 97.62%
Number of invalid data: 11 3.74%
Mean Difference: −0.34 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

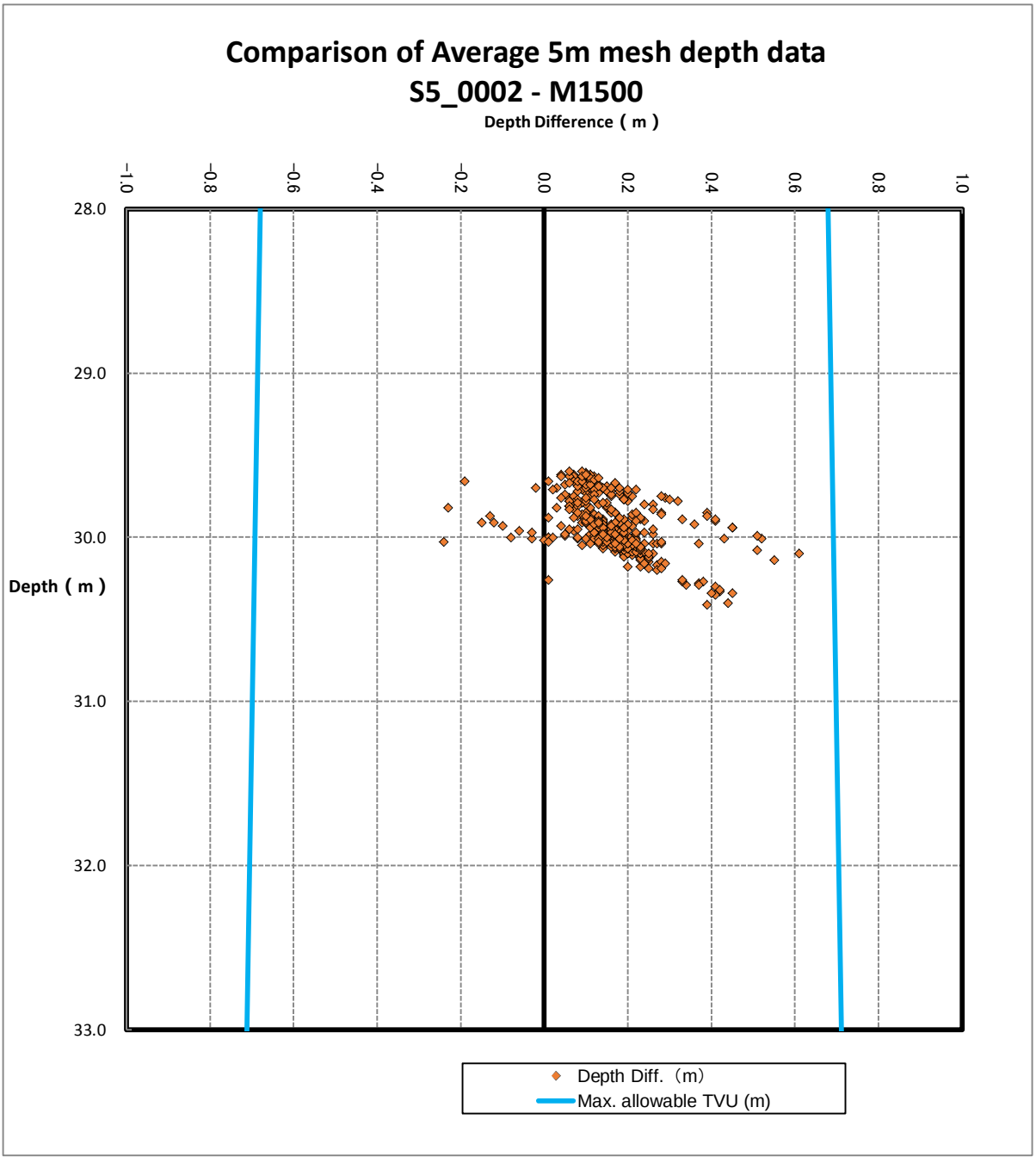


Multi-beam Echosounder Data Inspection

No.I62

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S5_0002
M1500
Number of data 391

Number of valid data: 391 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.15 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

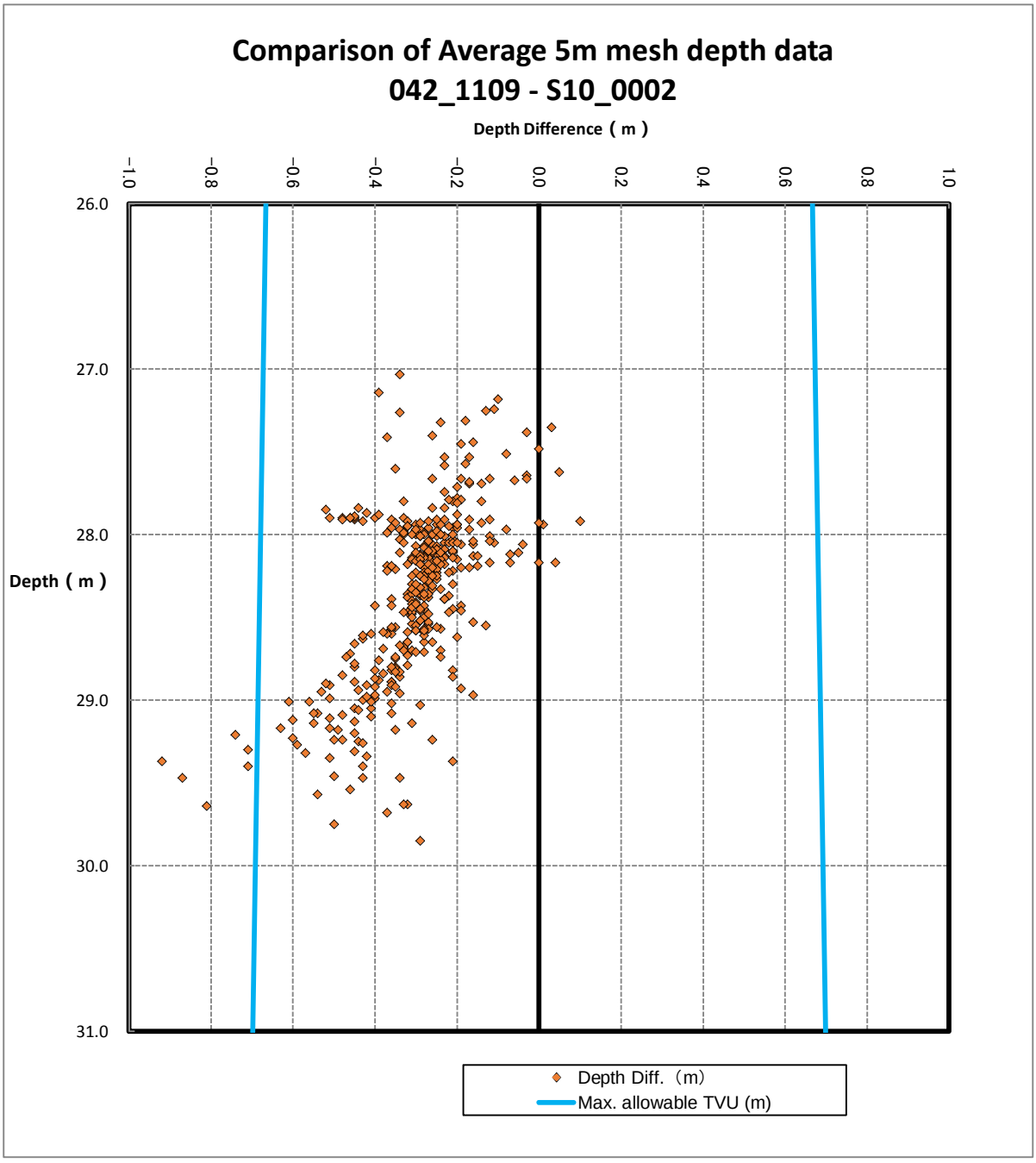


Multi-beam Echosounder Data Inspection

No.I63

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 042_1109
S10_0002
Number of data 392

Number of valid data: 385 98.21%
Number of invalid data: 7 1.79%
Mean Difference: −0.29 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

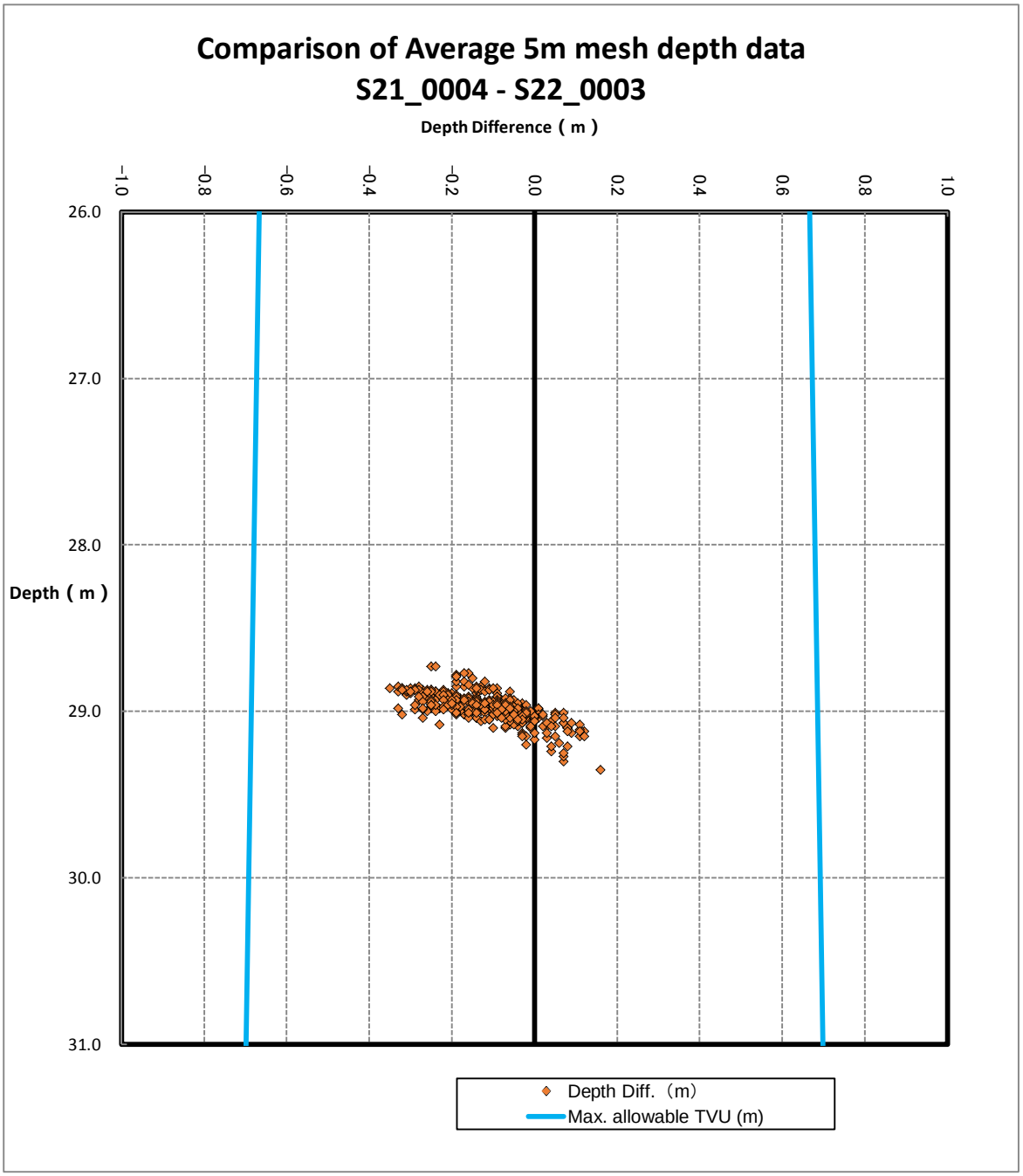


Multi-beam Echosounder Data Inspection

No.I64

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S21_0004
S22_0003
Number of data 399

Number of valid data: 399 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.11 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

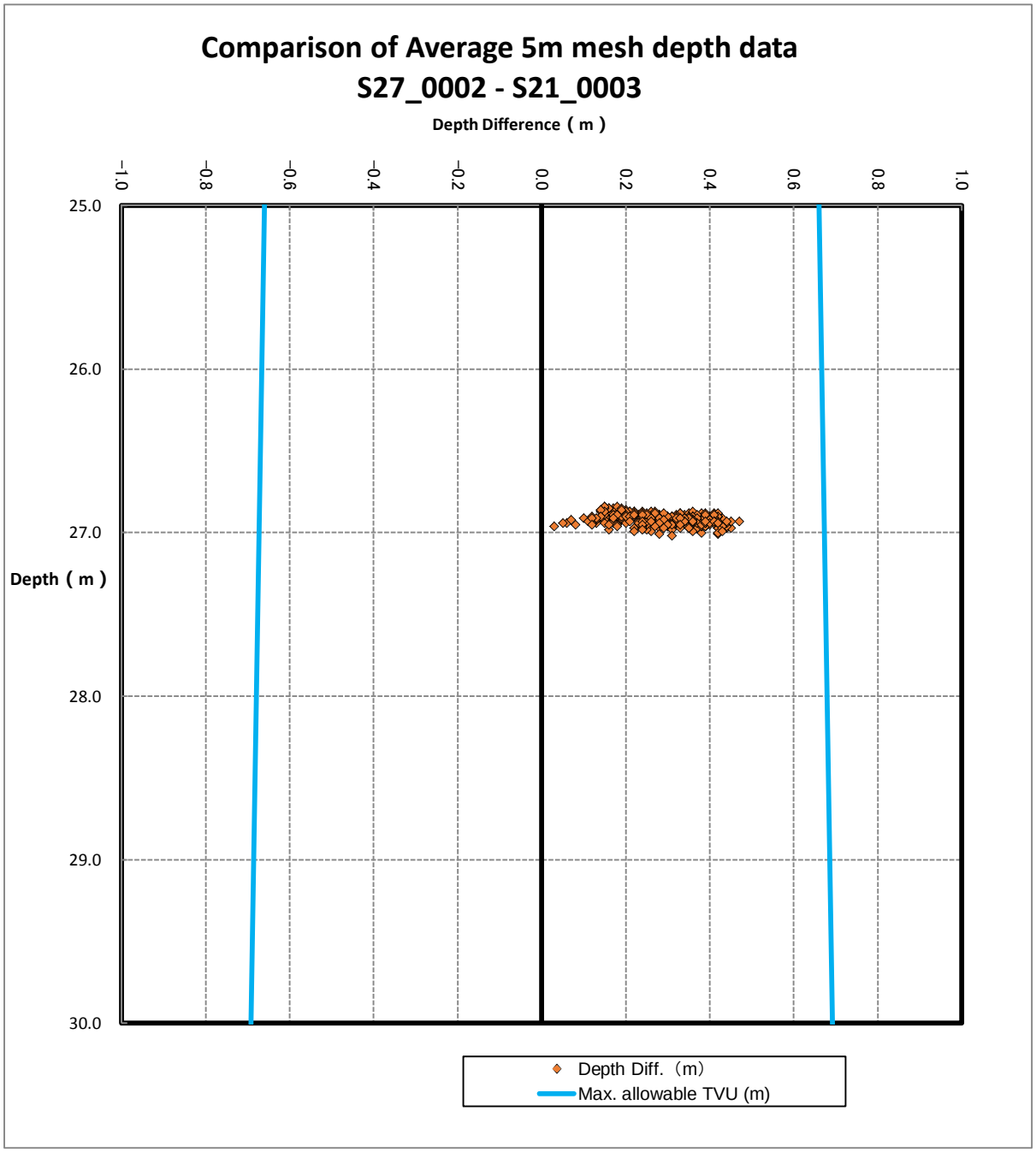


Multi-beam Echosounder Data Inspection

No.I65

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S27_0002
S21_0003
Number of data 352

Number of valid data: 352 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.28 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

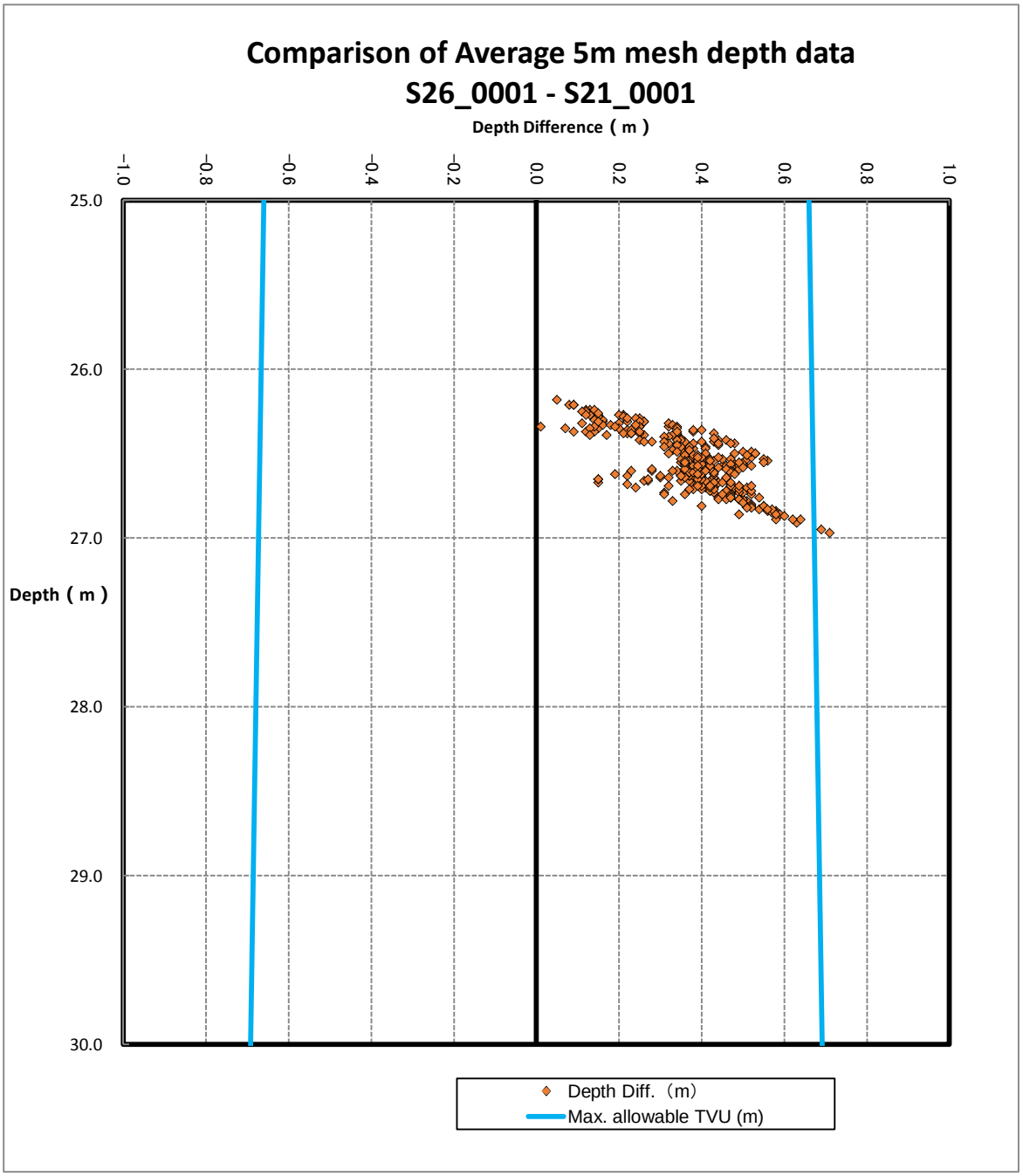


Multi-beam Echosounder Data Inspection

No.I66

Area : KampoInvalid Saom Bay Coastal and Approach
Order : 1a
Survey Line : S26_0001
S21_0001
Number of data 331

Number of valid data: 325 98.19%
Number of invalid data: 6 1.81%
Mean Difference: 0.37 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

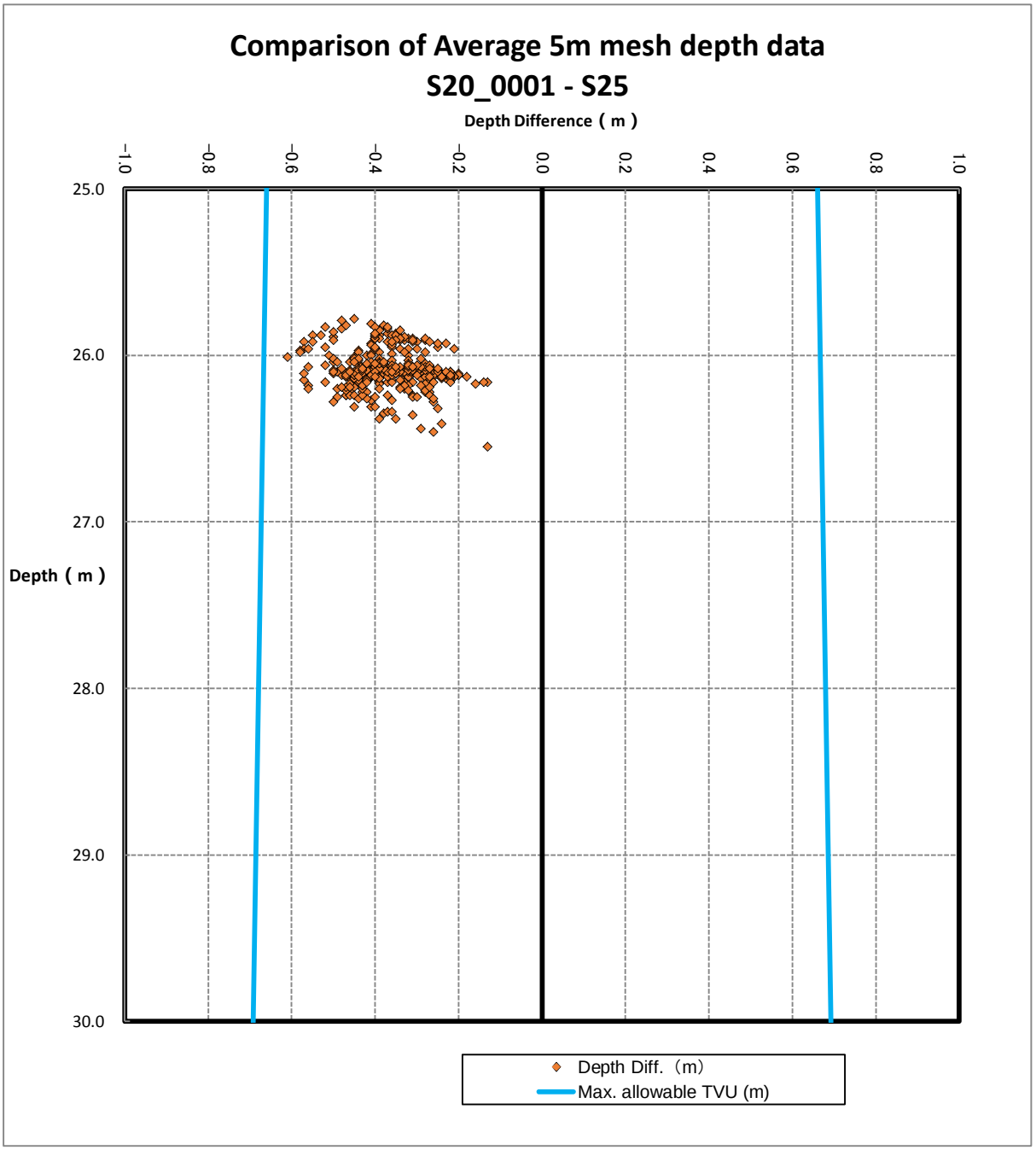


Multi-beam Echosounder Data Inspection

No.I67

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S20_0001
S25
Number of data 343

Number of valid data: 342 99.71%
Number of invalid data: 1 0.29%
Mean Difference: −0.37 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

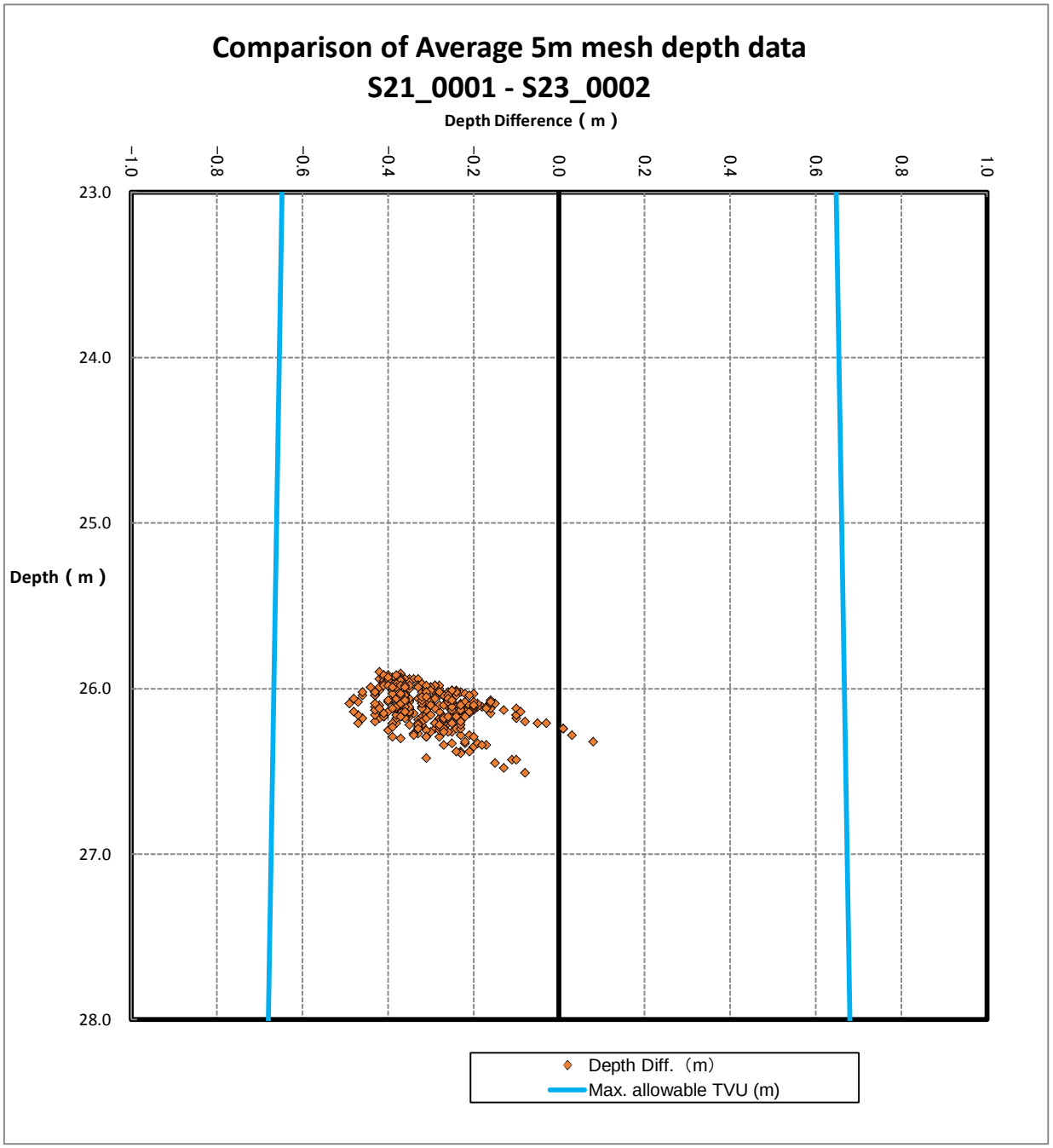


Multi-beam Echosounder Data Inspection

No.I68

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S21_0001
S23_0002
Number of data 344

Number of valid data: 344 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.31 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

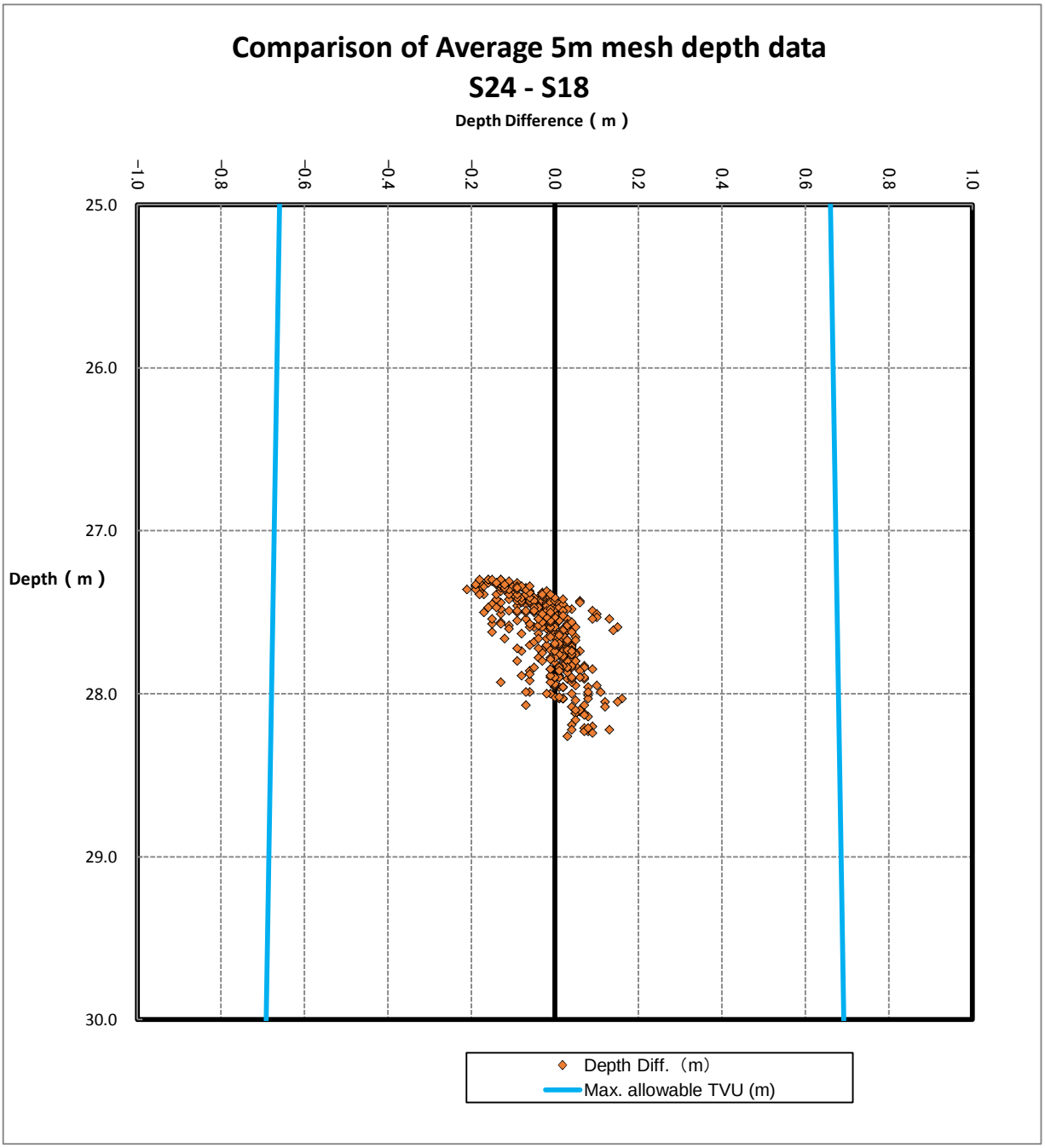


Multi-beam Echosounder Data Inspection

No.I69

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S24
S18
Number of data 371

Number of valid data: 371 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.02 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

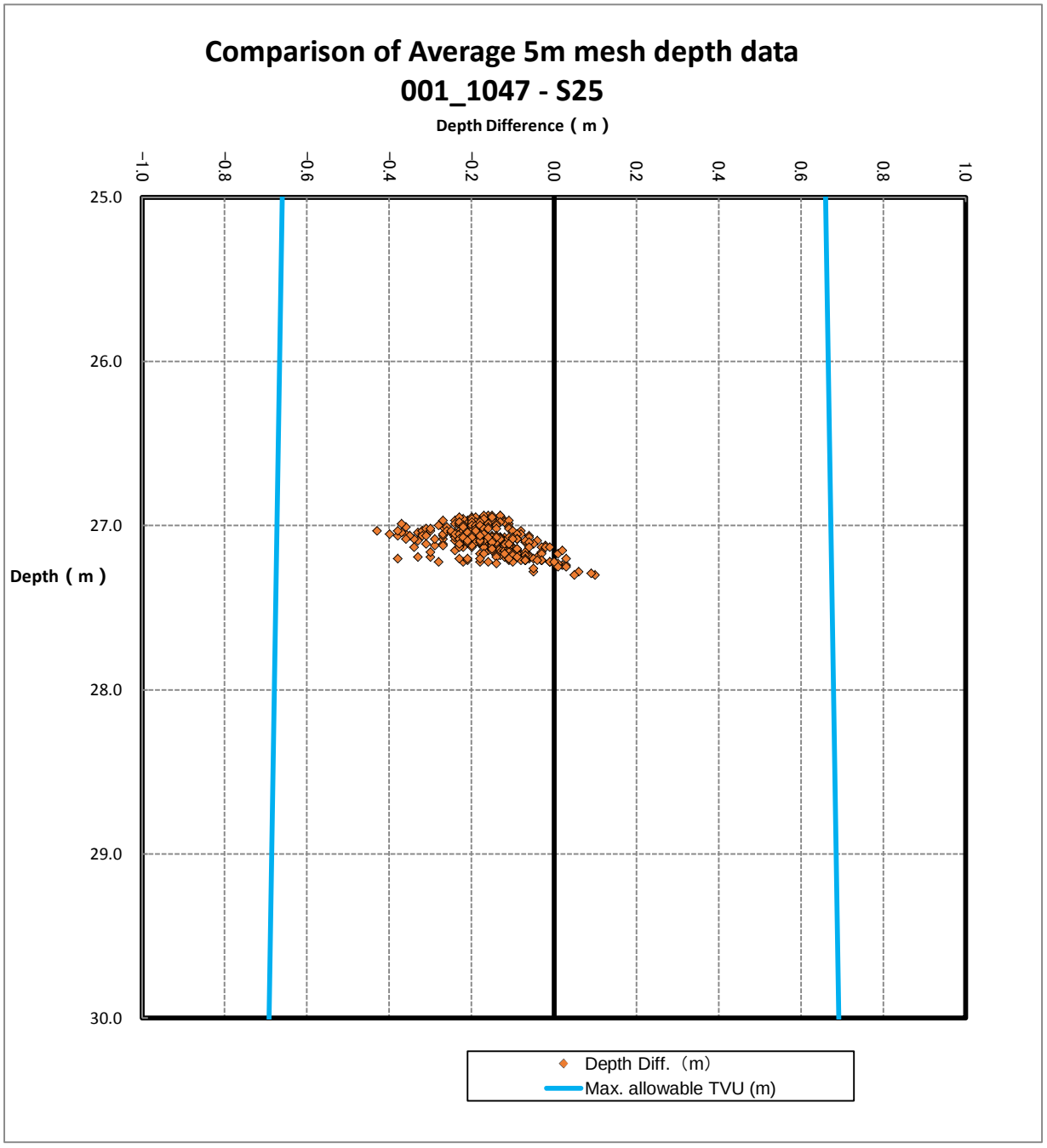


Multi-beam Echosounder Data Inspection

No.I70-AB

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 001_1047
S25
Number of data 368

Number of valid data: 368 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.16 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

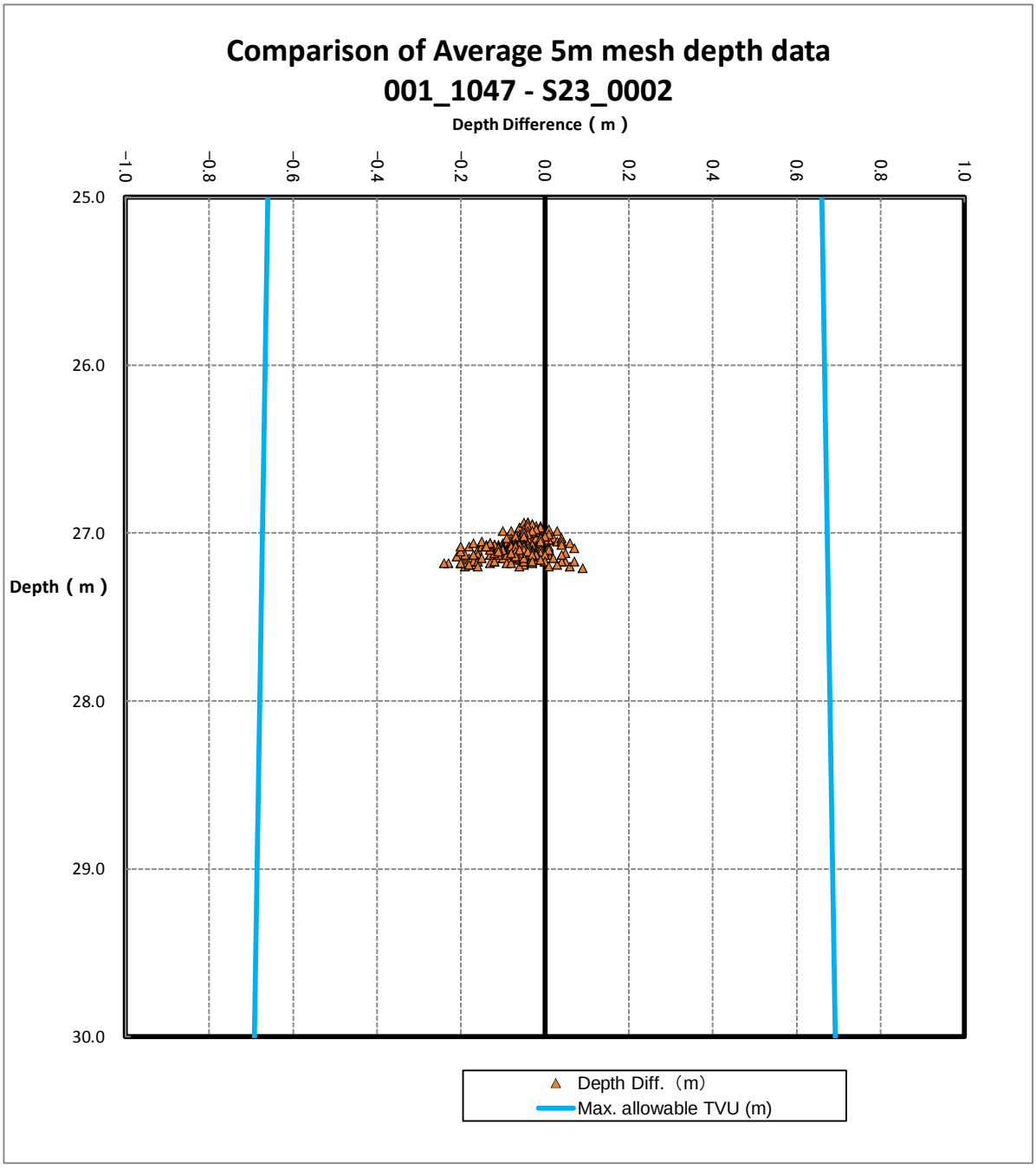


Multi-beam Echosounder Data Inspection

No.I70-AC

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 001_1047
S23_0002
Number of data 330

Number of valid data: 330 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.06 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

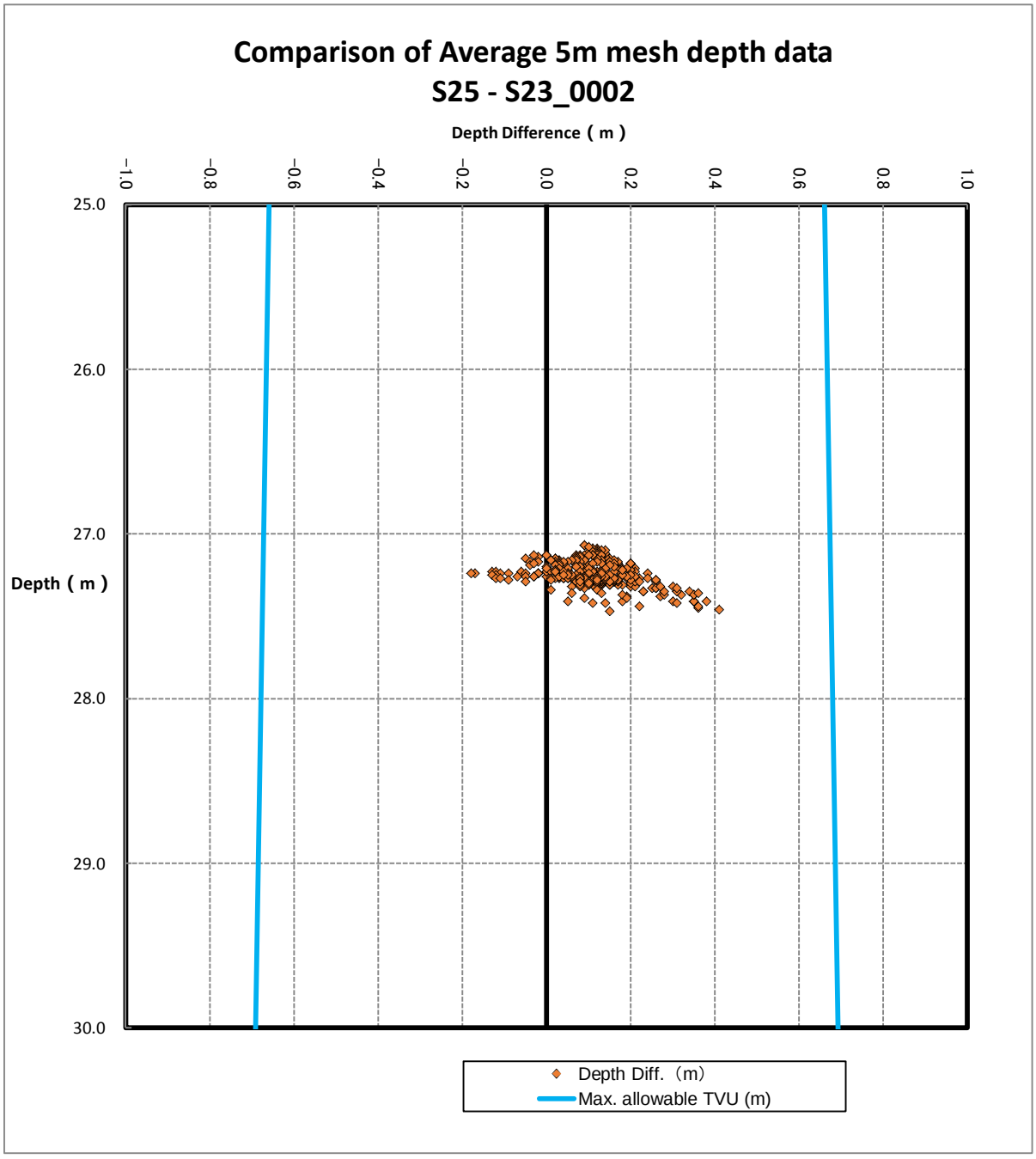


Multi-beam Echosounder Data Inspection

No.I70-BC

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S25
S23_0002
Number of data 344

Number of valid data: 344 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.11 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

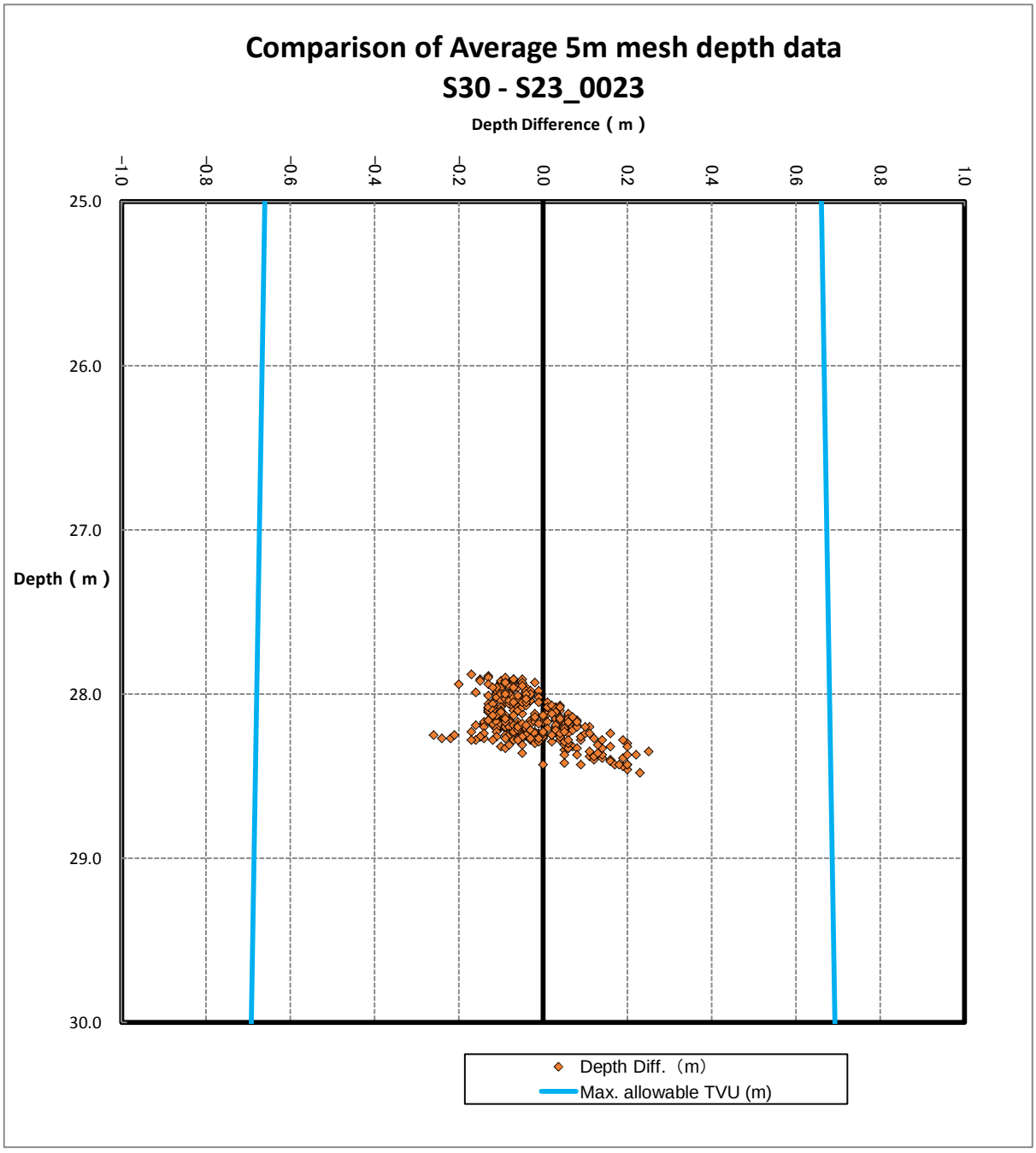


Multi-beam Echosounder Data Inspection

No.I71

Area : KampoInvalid Saom Bay Coastal and Approach
Order : 1a
Survey Line : S30
S23_0003
Number of data 372

Number of valid data: 372 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.03 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

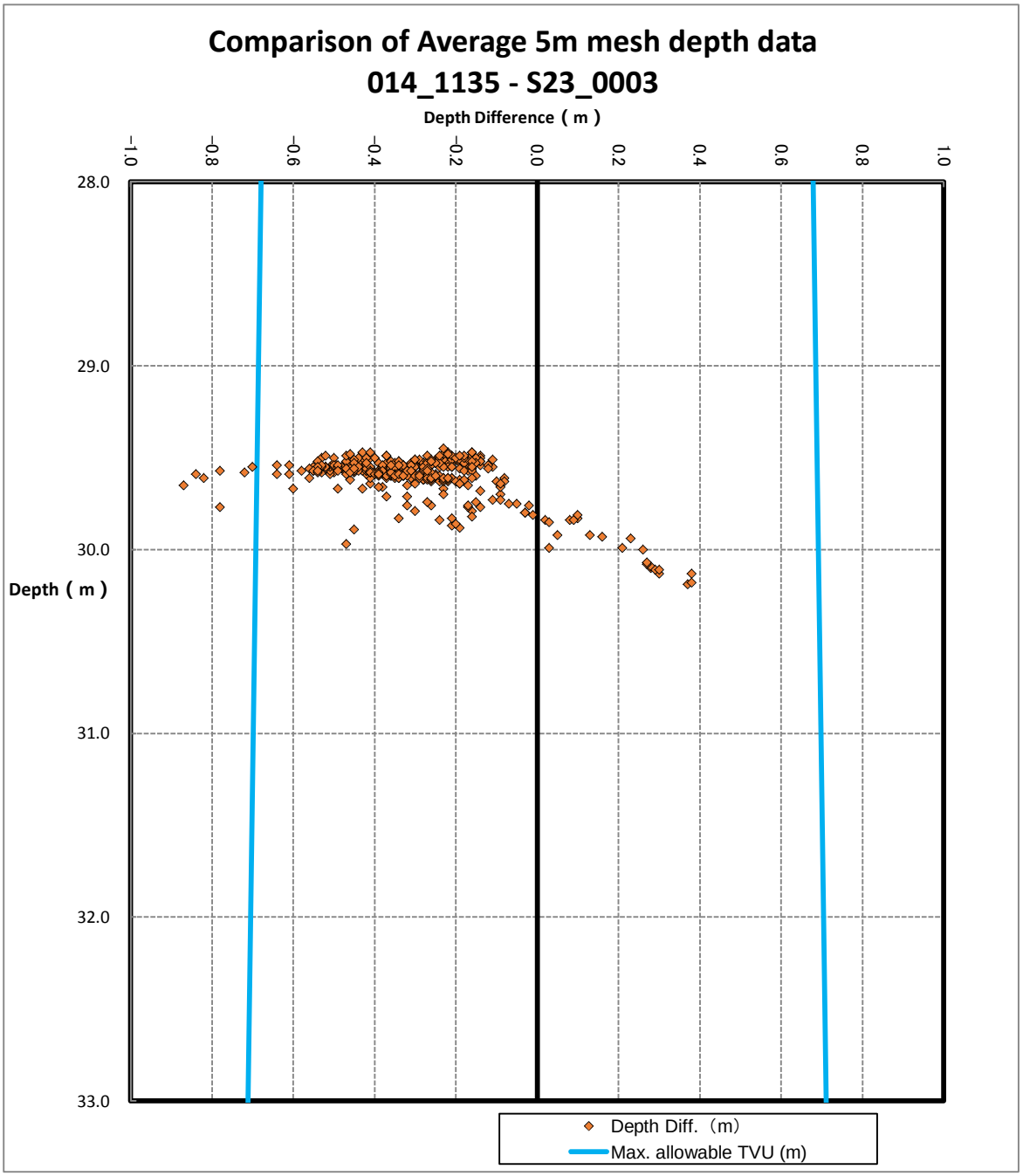


Multi-beam Echosounder Data Inspection

No.I72

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 014_1135
S23_0003
Number of data 389

Number of valid data: 380 97.69%
Number of invalid data: 9 2.31%
Mean Difference: −0.34 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

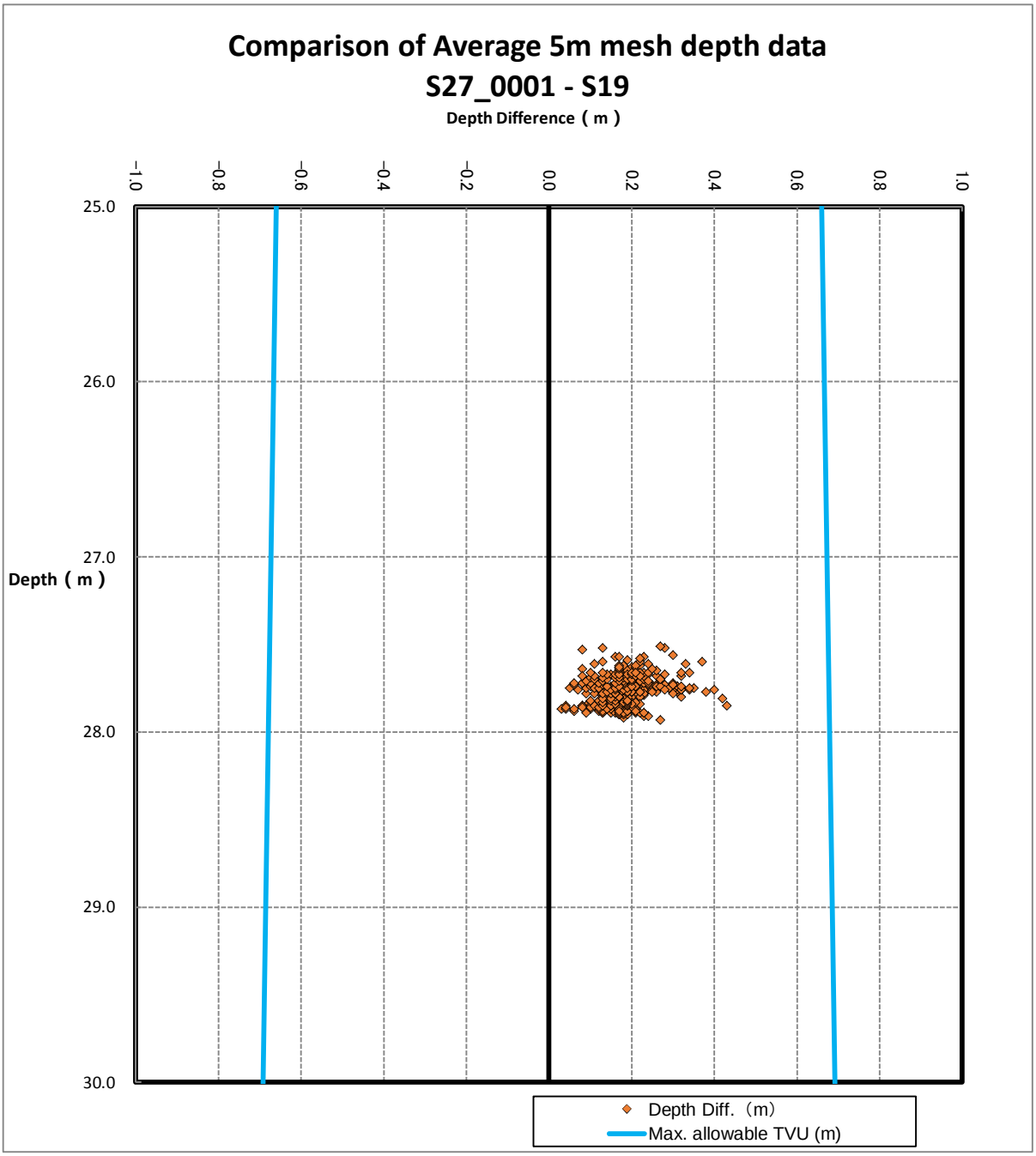


Multi-beam Echosounder Data Inspection

No.I73

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S27_0001
S19
Number of data 353

Number of valid data: 353 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.18 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

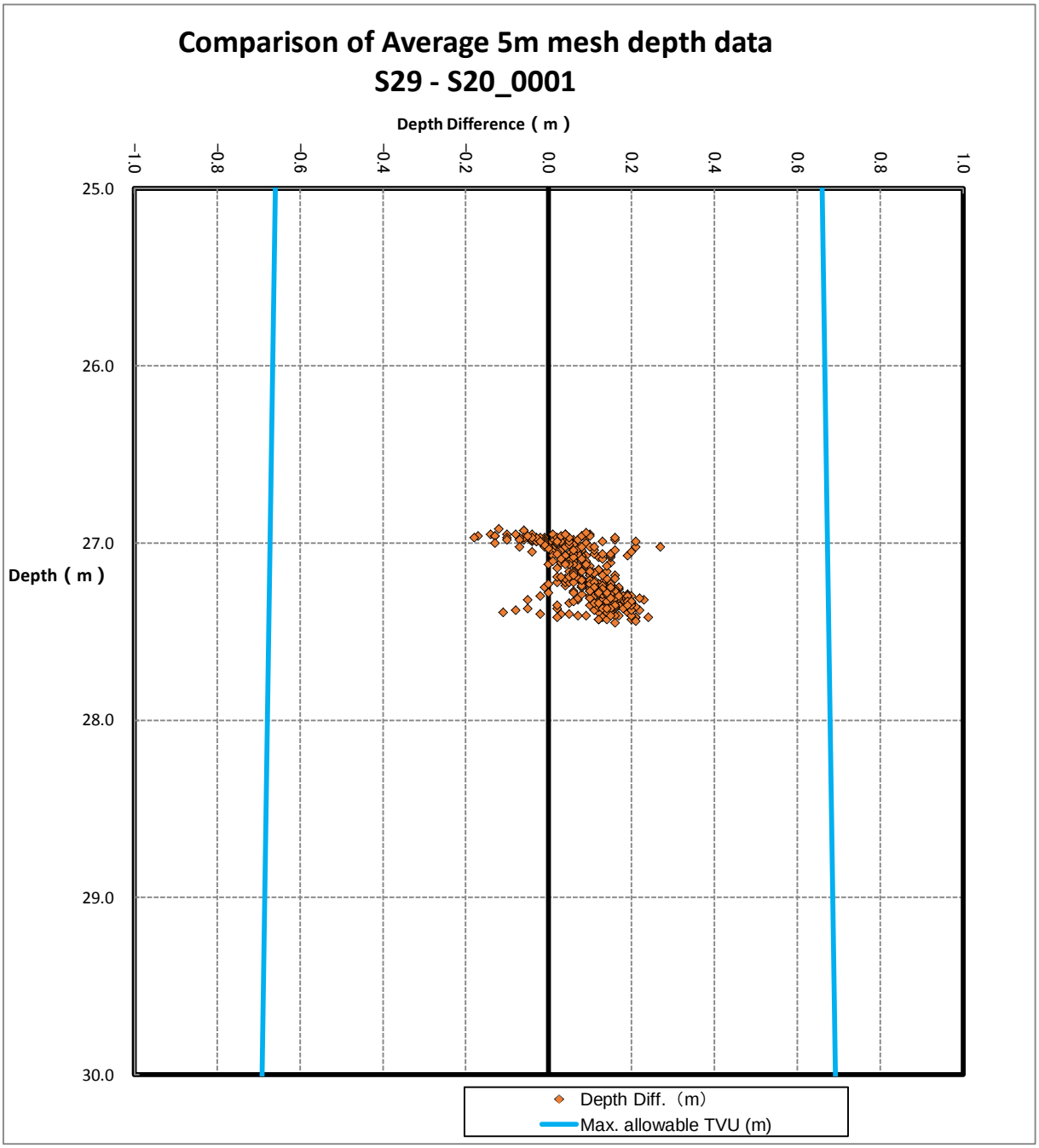


Multi-beam Echosounder Data Inspection

No.I74

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S29
S20_0001
Number of data 359

Number of valid data: 359 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.09 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

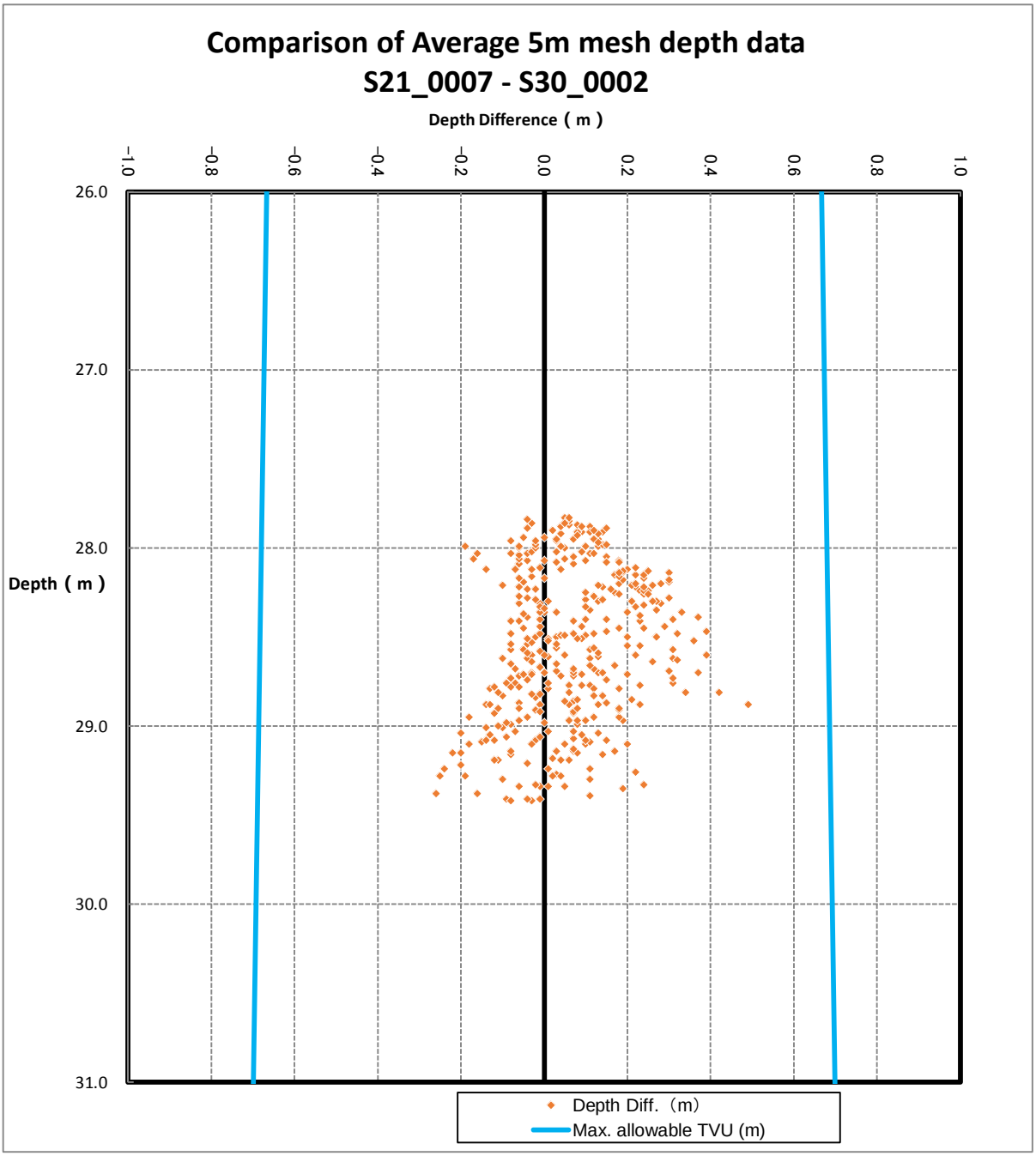


Multi-beam Echosounder Data Inspection

No.I75

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S21_0007
S30_0002
Number of data 374

Number of valid data: 374 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.05 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

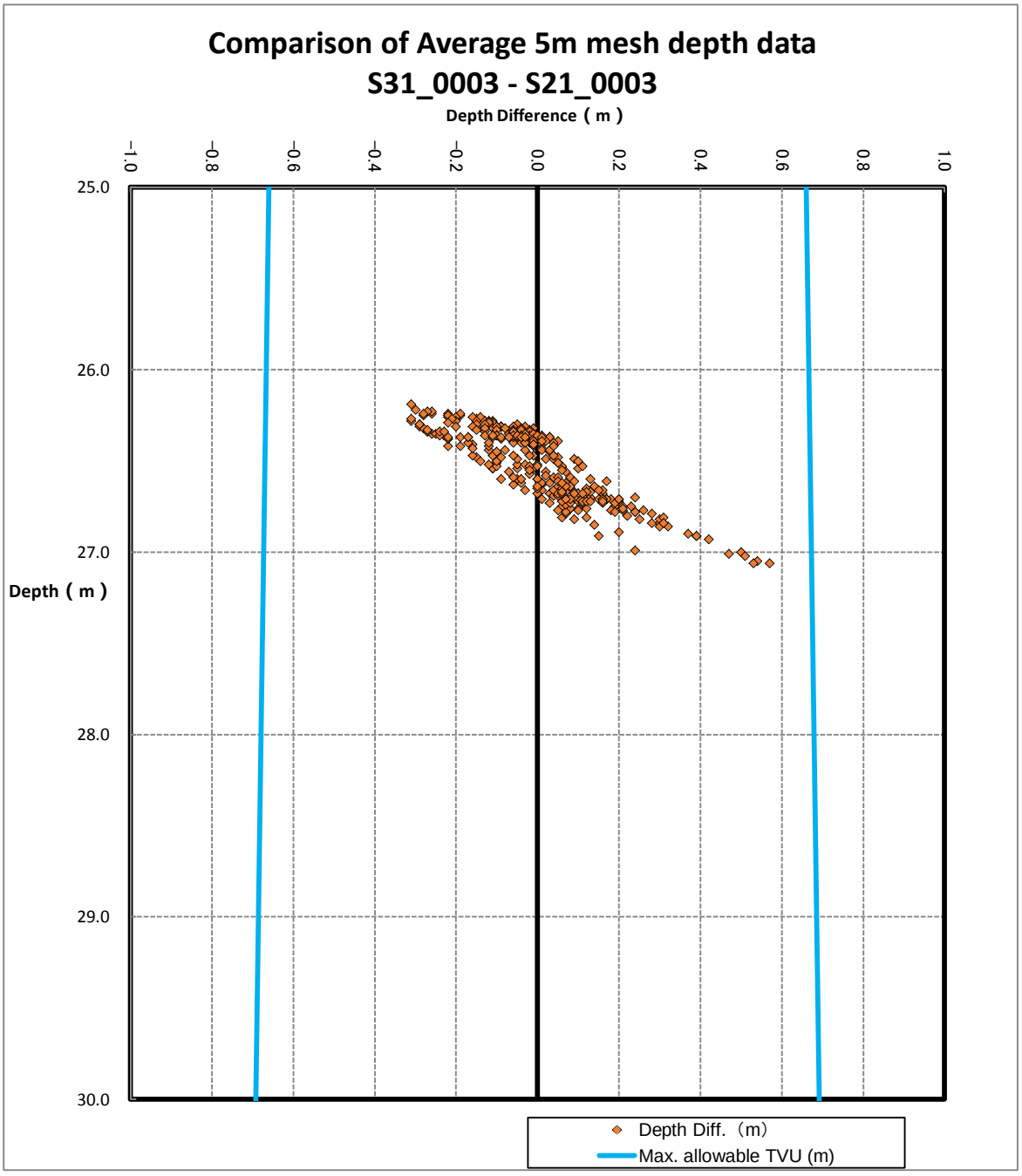


Multi-beam Echosounder Data Inspection

No.I76

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : S31_0003
S21_0003
Number of data 330

Number of valid data: 330 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.00 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

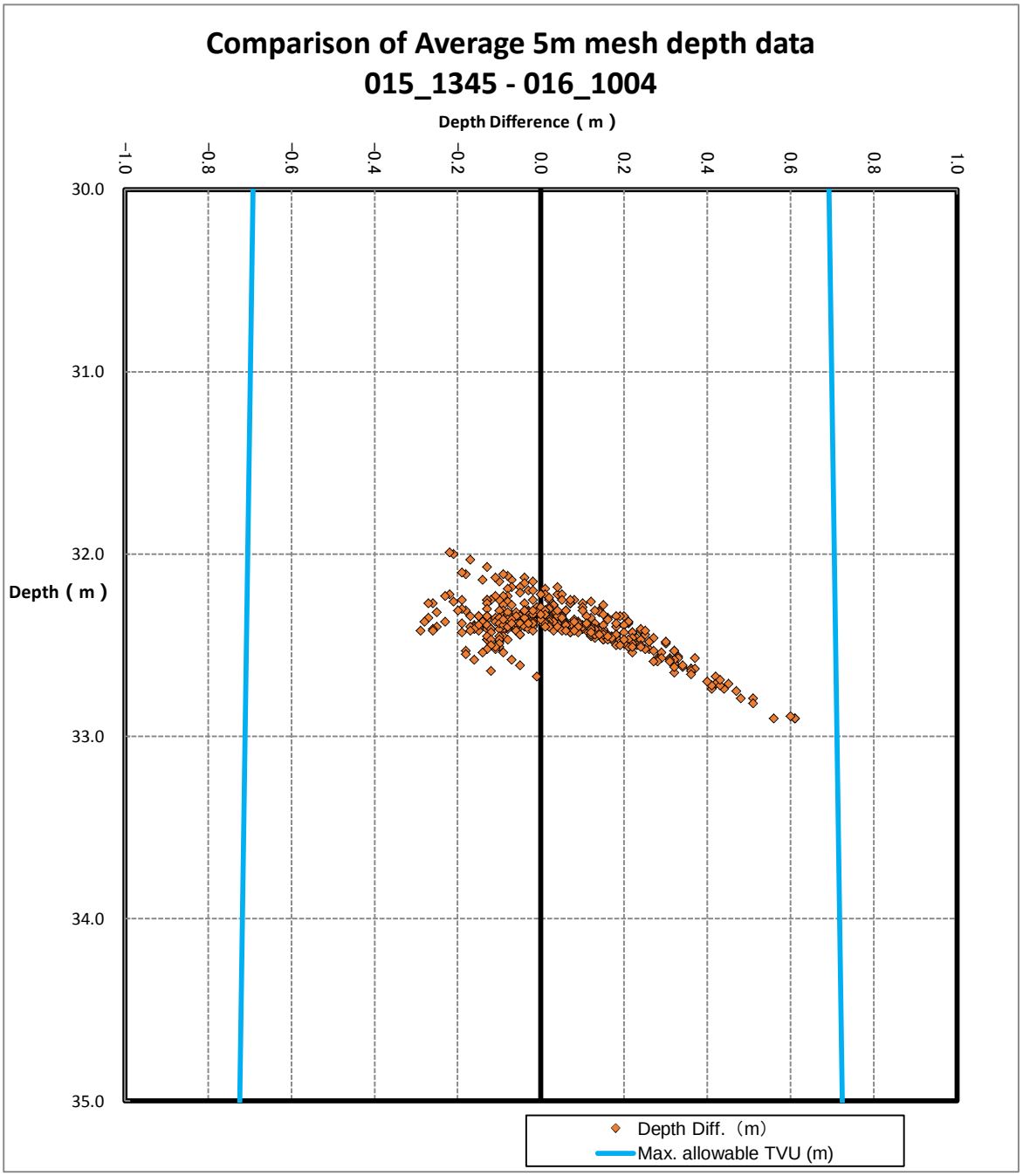


Multi-beam Echosounder Data Inspection

No.I77

Area : KampoInvalid Saom Bay Coastal and Approach
Order : 1a
Survey Line : 015_1345
016_1004
Number of data 399

Number of valid data : 399 100.00%
Number of invalid data : 0 0.00%
Mean Difference : 0.06 m
Maximum allowable TVU : $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

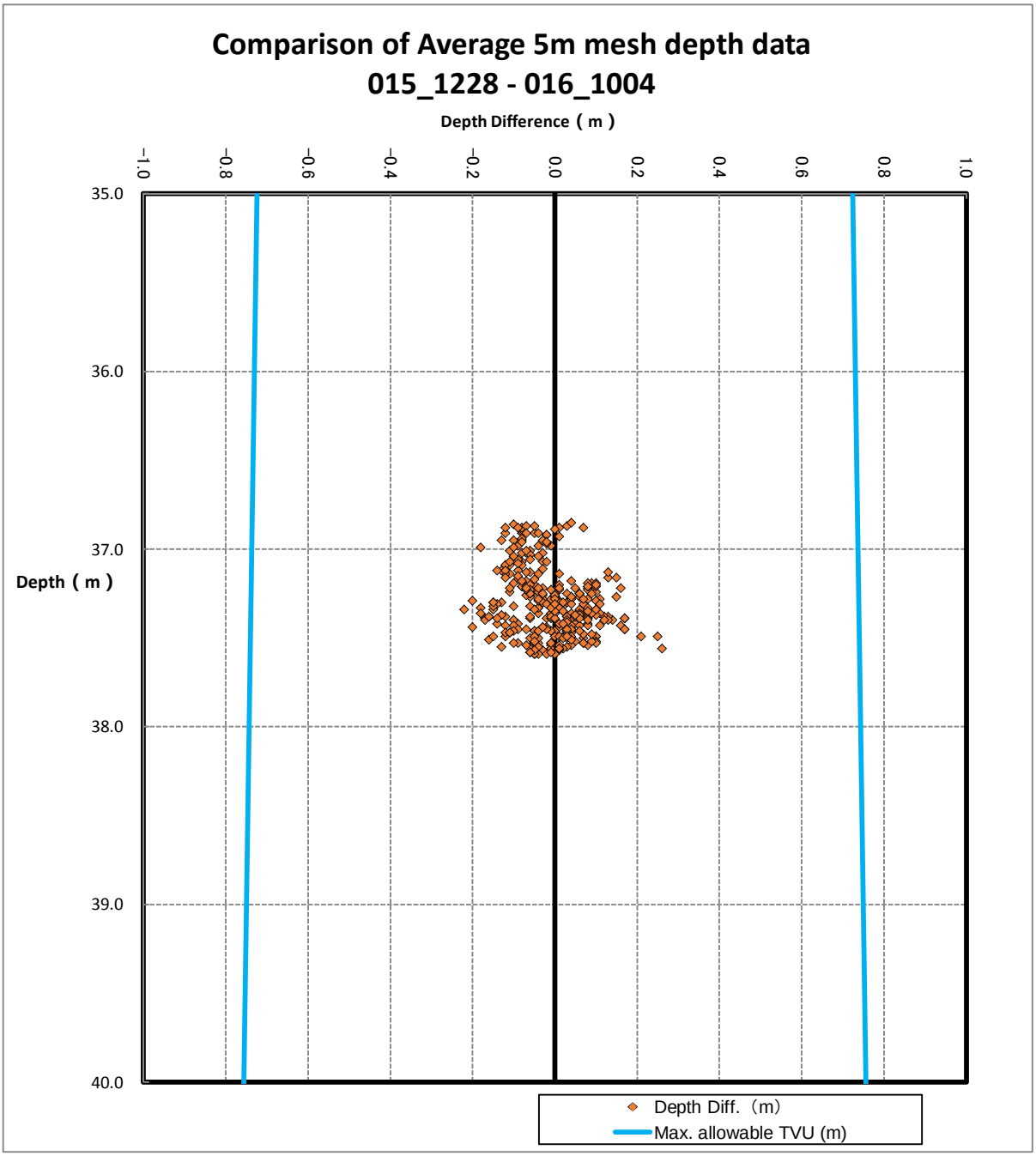


Multi-beam Echosounder Data Inspection

No.I78

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 015_1228
016_1004
Number of data 320

Number of valid data : 320 100.00%
Number of invalid data : 0 0.00%
Mean Difference : −0.01 m
Maximum allowable TVU : $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

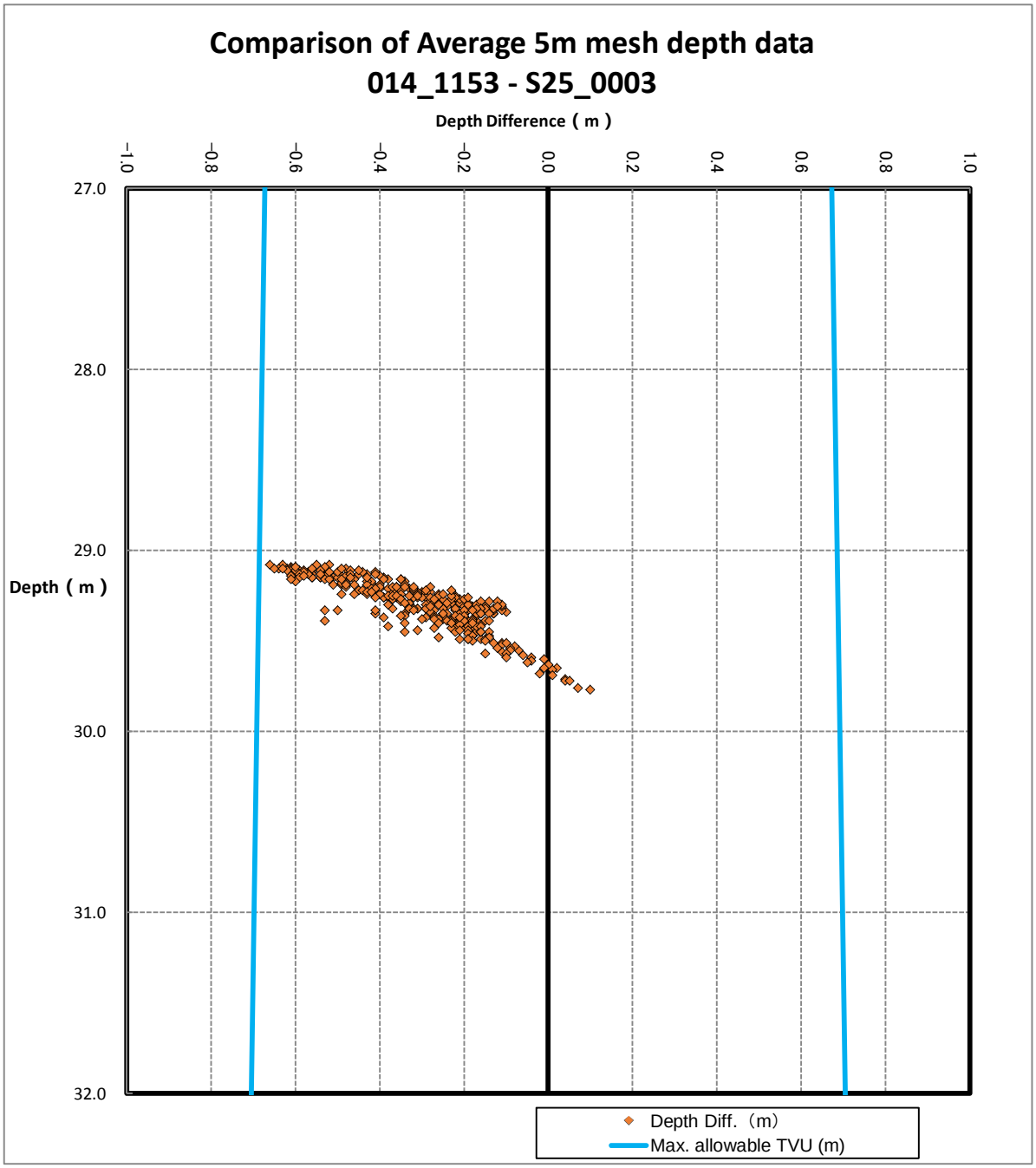


Multi-beam Echosounder Data Inspection

No.I79

Area : KampoInvalid Saom Bay Coastal and Approach
Order : 1a
Survey Line : 014_1153
S25_0003
Number of data 350

Number of valid data: 344 98.29%
Number of invalid data: 6 1.71%
Mean Difference: −0.30 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

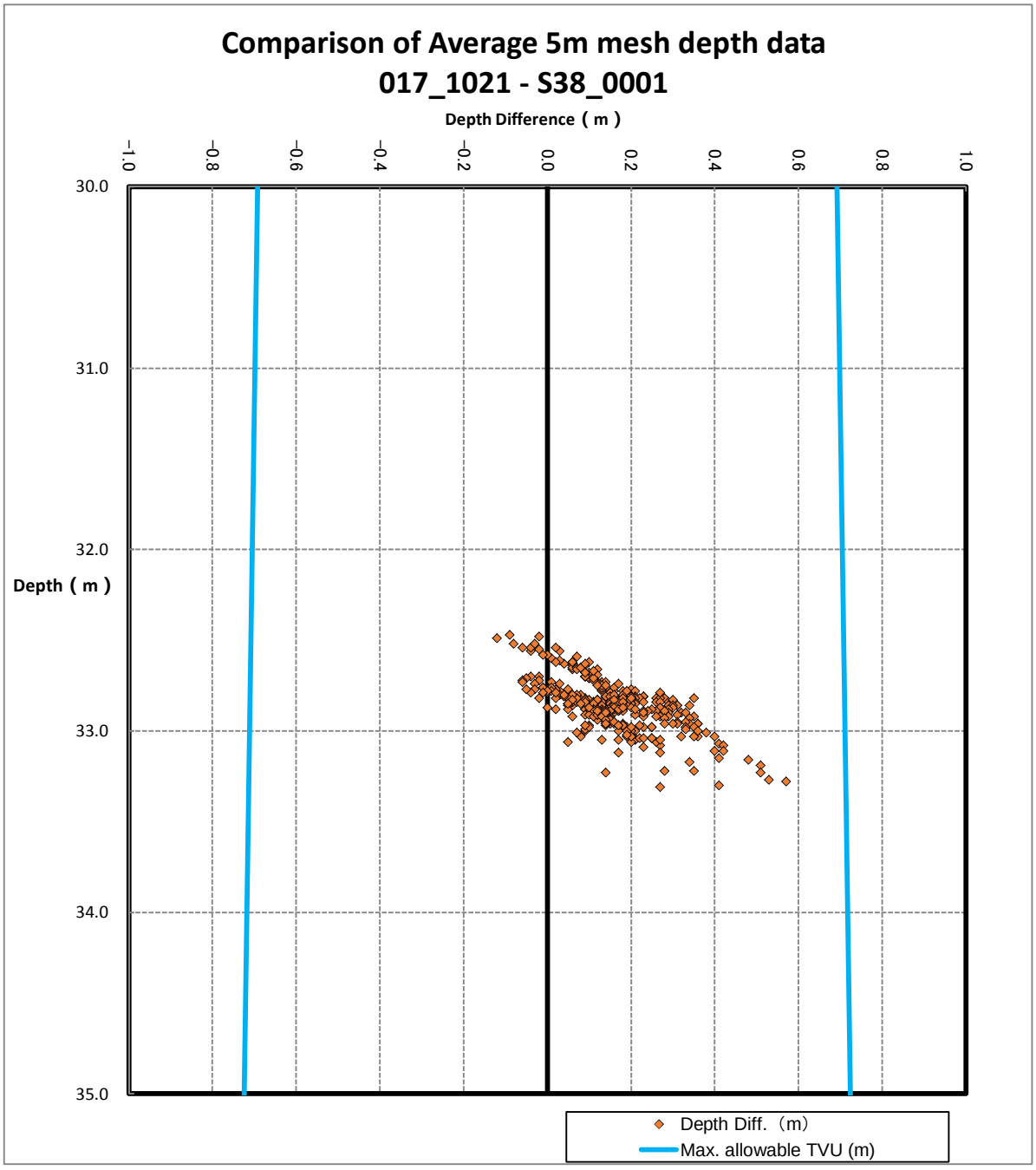


Multi-beam Echosounder Data Inspection

No.I80

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 017_1021
S38_0001
Number of data 385

Number of valid data: 385 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.15 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

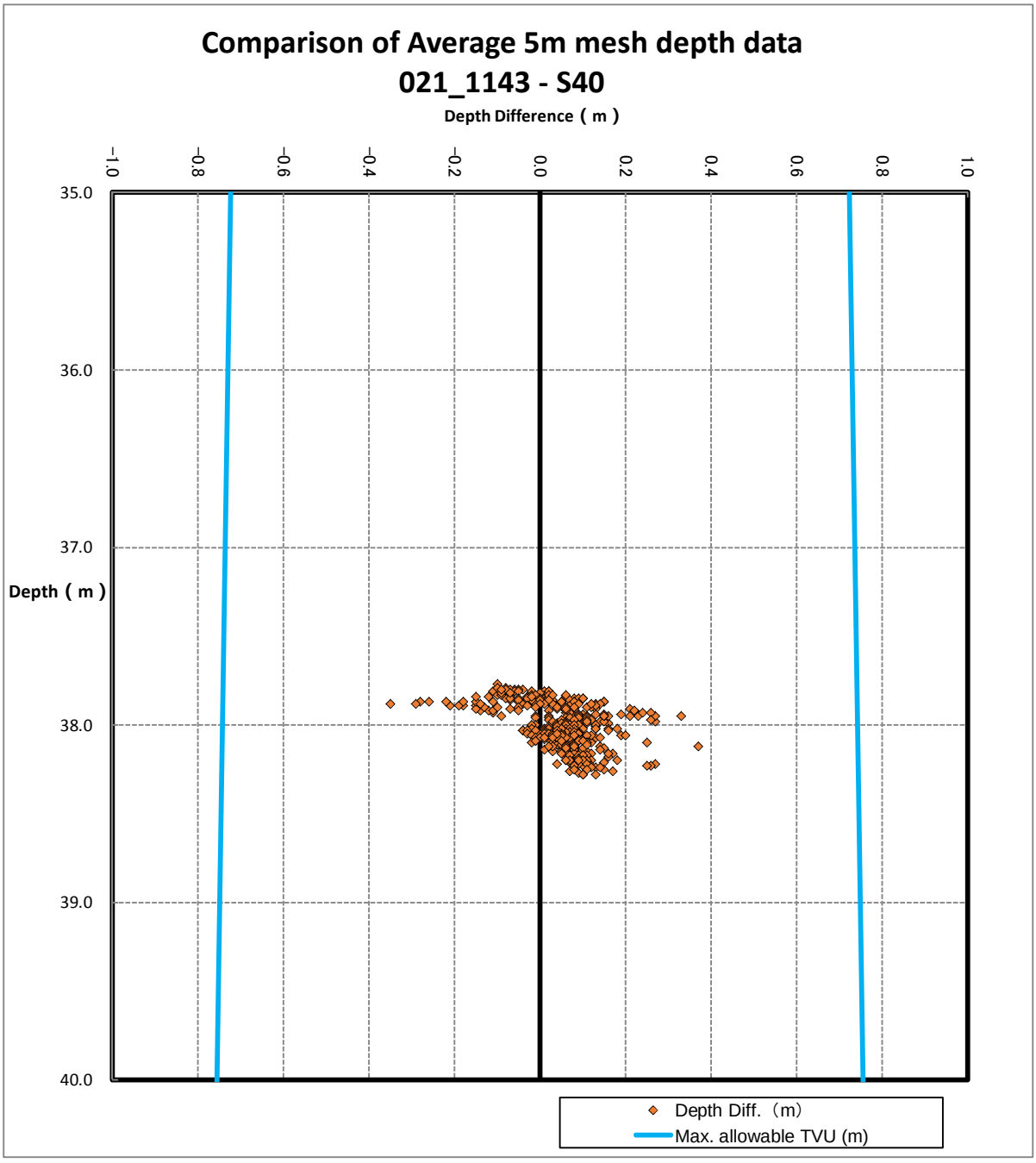


Multi-beam Echosounder Data Inspection

No.I81

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 021_1143
S40
Number of data 400

Number of valid data: 400 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.05 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth

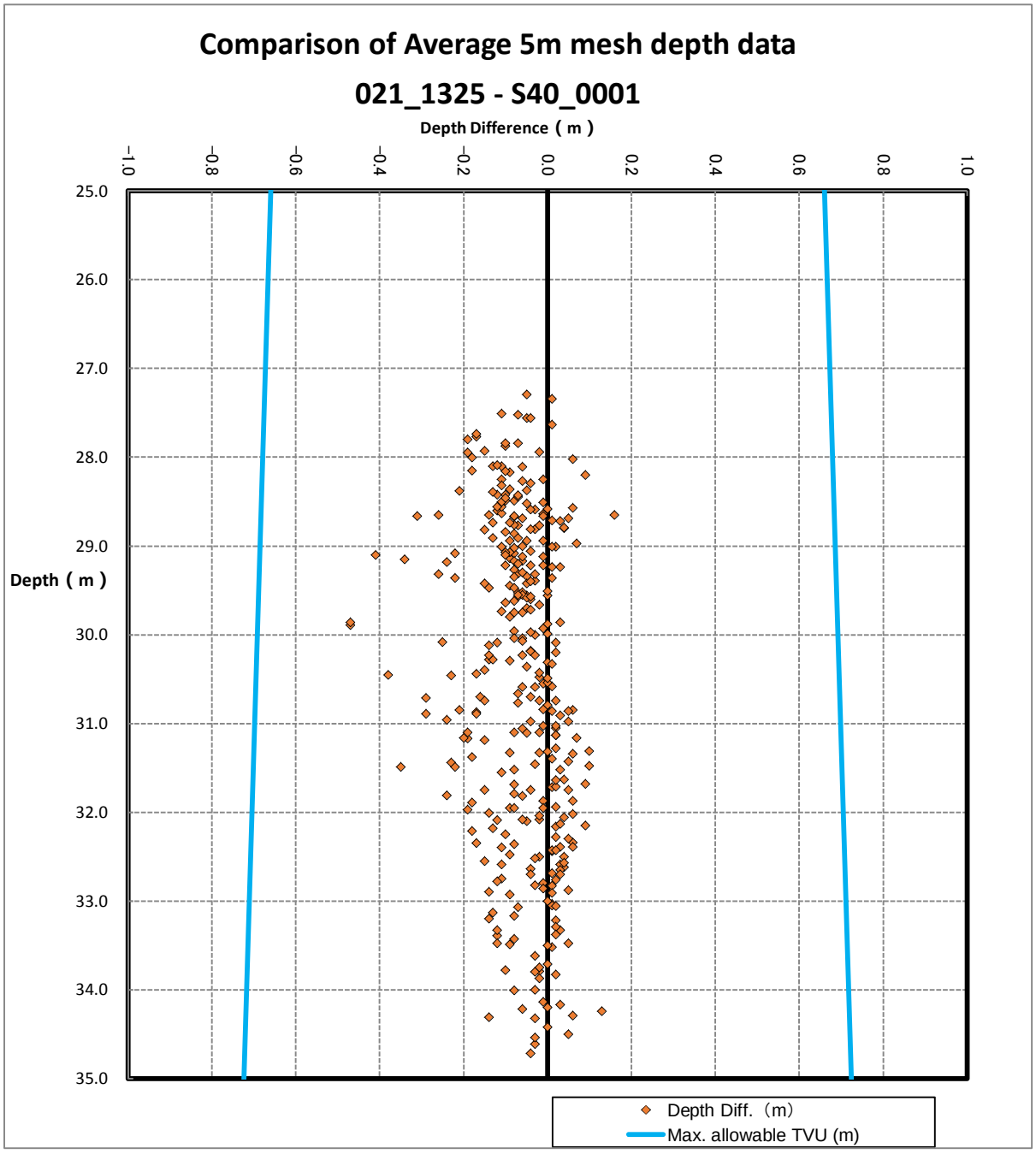


Multi-beam Echosounder Data Inspection

No.I82

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 021_1325
S40_0001
Number of data 351

Number of valid data: 351 100.00%
Number of invalid data: 0 0.00%
Mean Difference: −0.06 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth



Multi-beam Echosounder Data Inspection

No.I83

Area : Kampong Saom Bay Coastal
Order : 1a
Survey Line : 021_1325
S40_0001
Number of data 284

Number of valid data: 284 100.00%
Number of invalid data: 0 0.00%
Mean Difference: 0.10 m
Maximum allowable TVU: $\pm\sqrt{(a^2+(b*d)^2)}$
a = 0.5 b = 0.013
d = depth