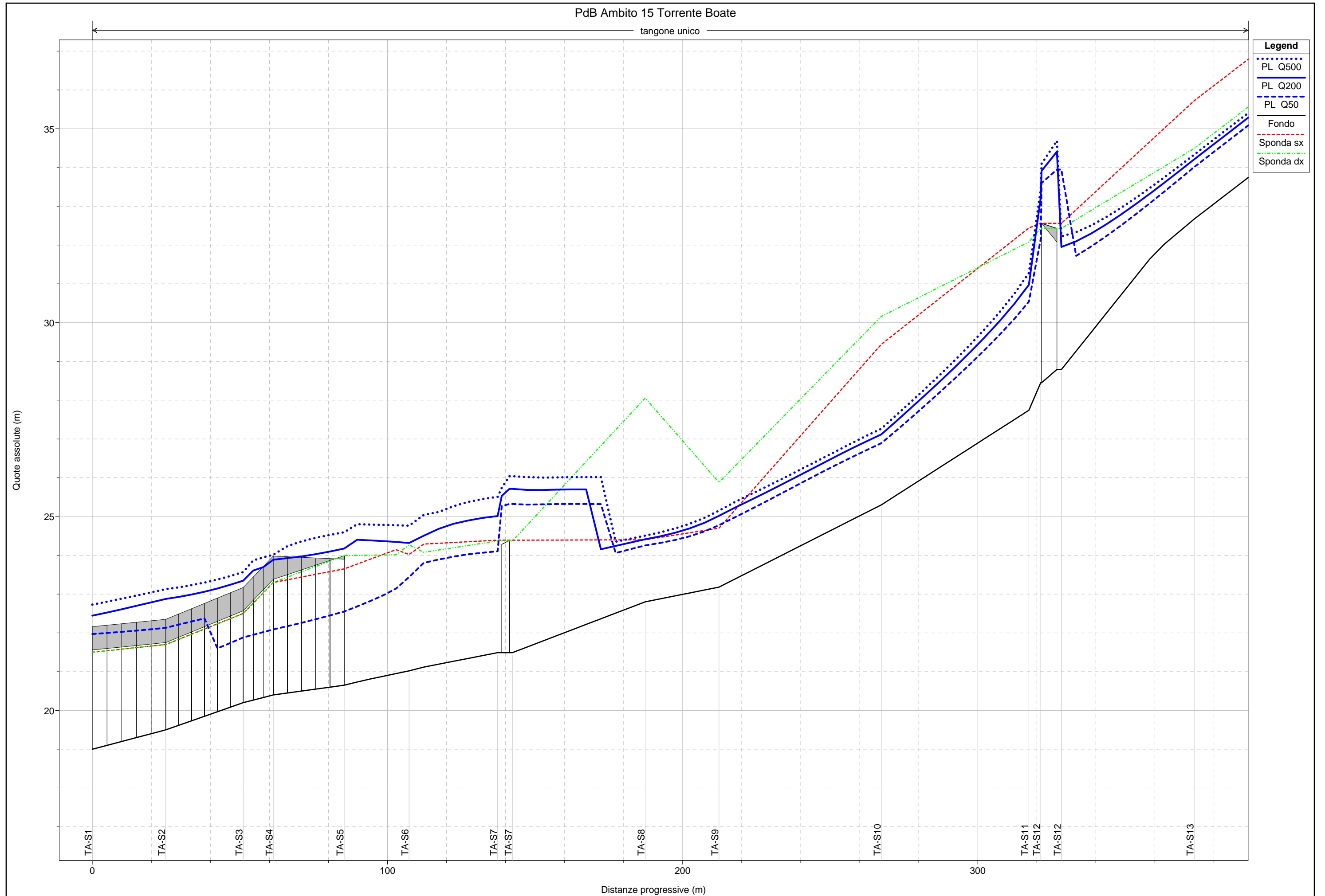


# Rio Tangone

## Rapallo

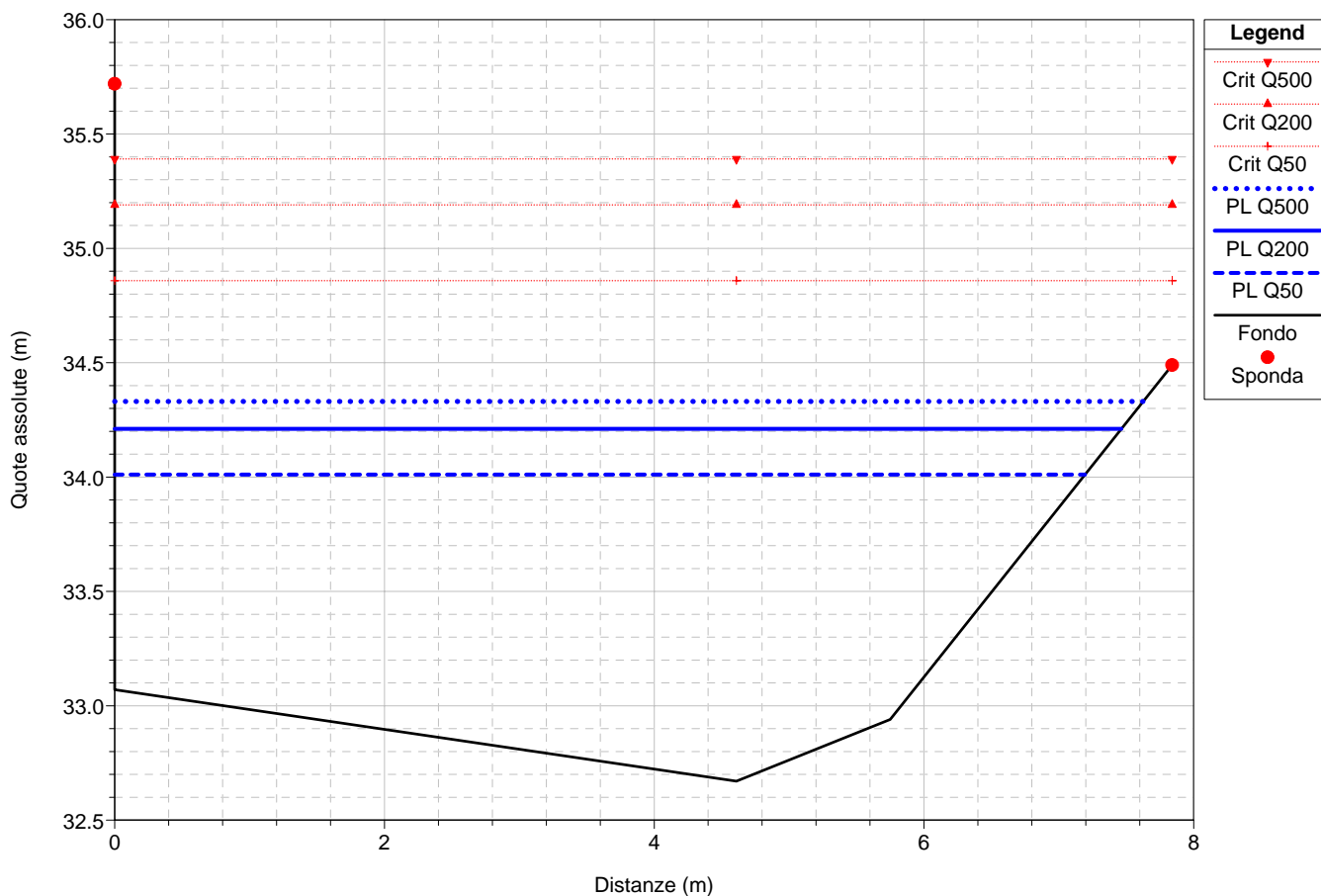
dalla sezione TA-S13 alla TA-S1

- Profili di corrente
- Sezioni idrauliche
- Tabelle dei risultati



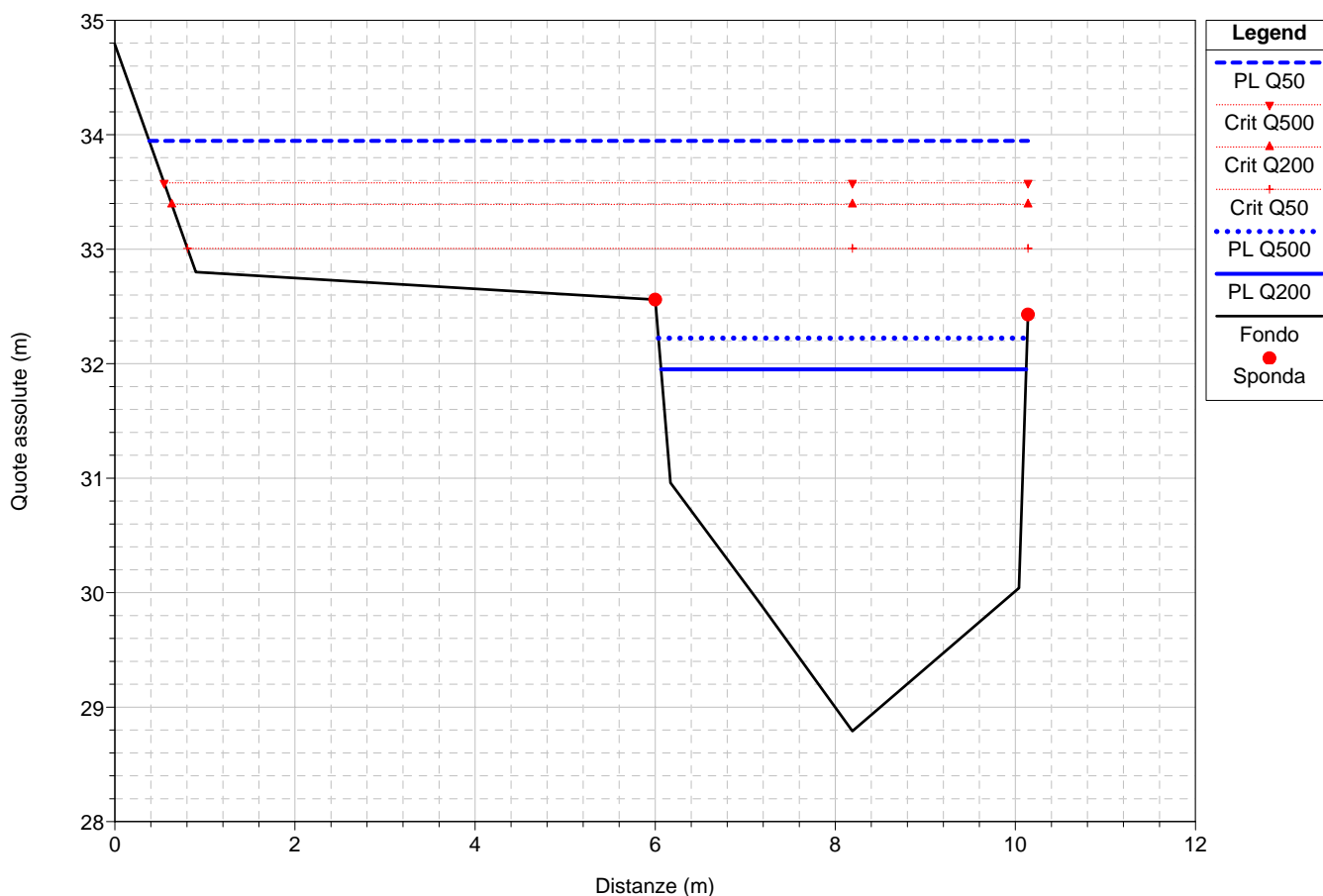
PdB Ambito 15 Torrente Boate

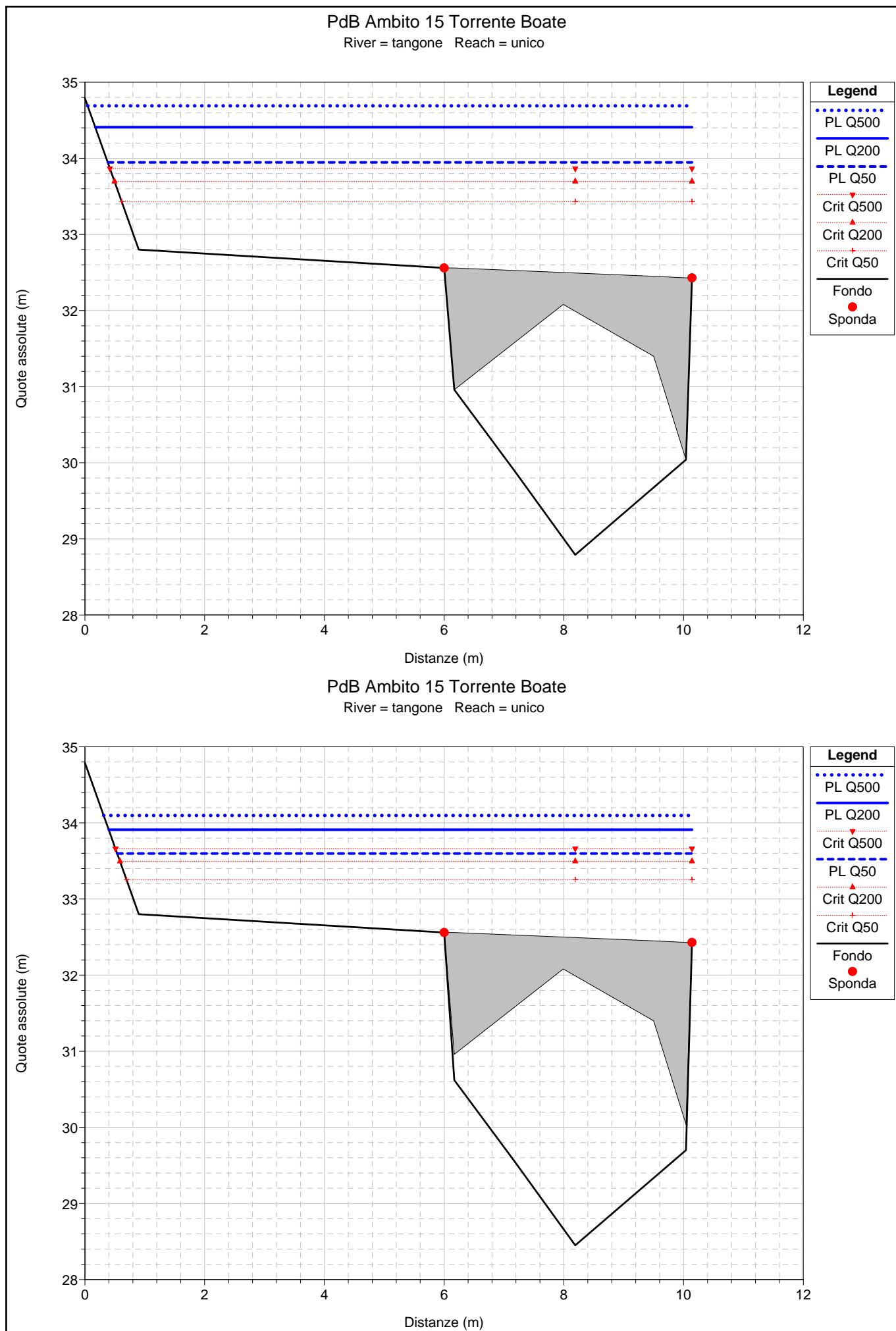
River = tangone Reach = unico TA-S13

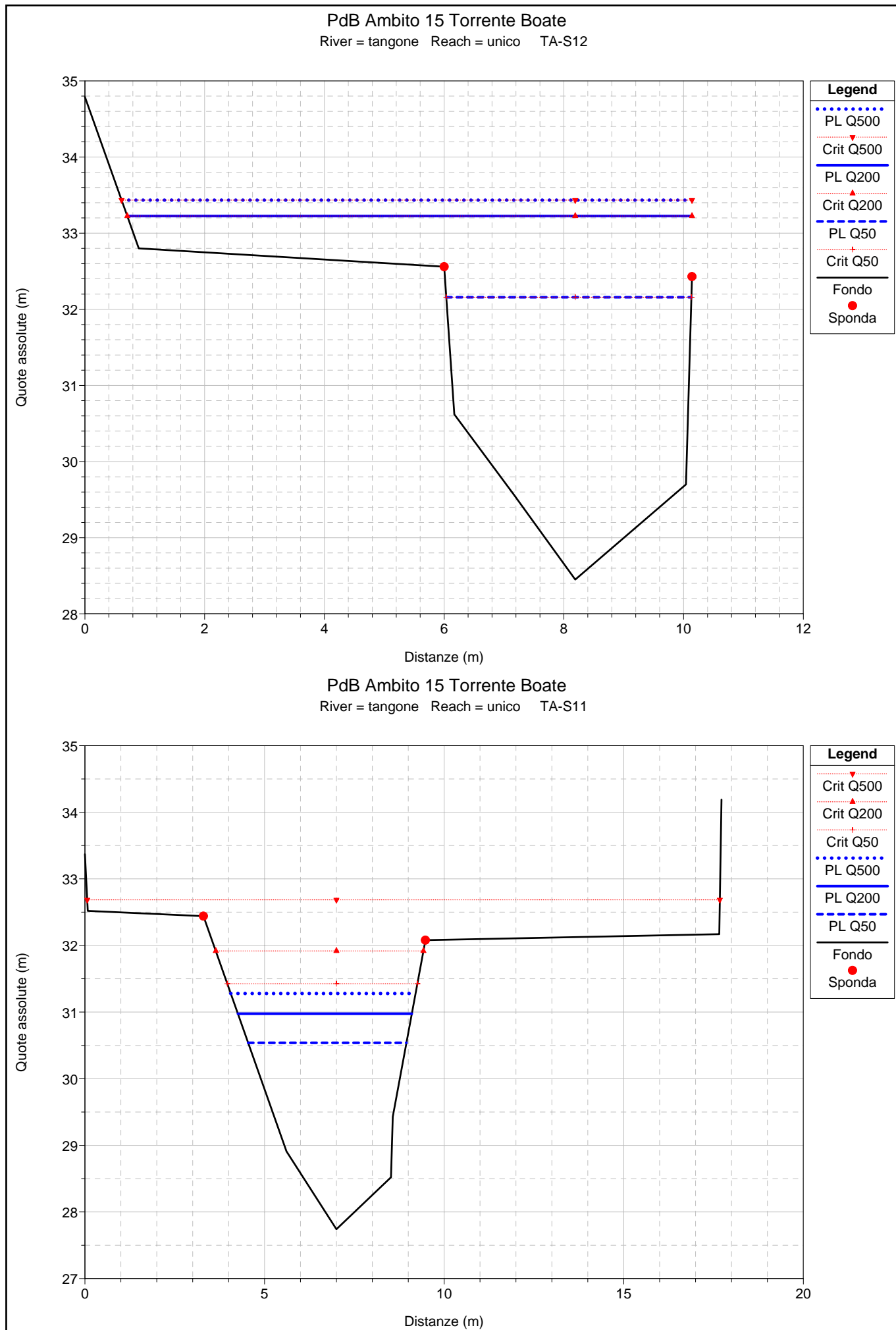


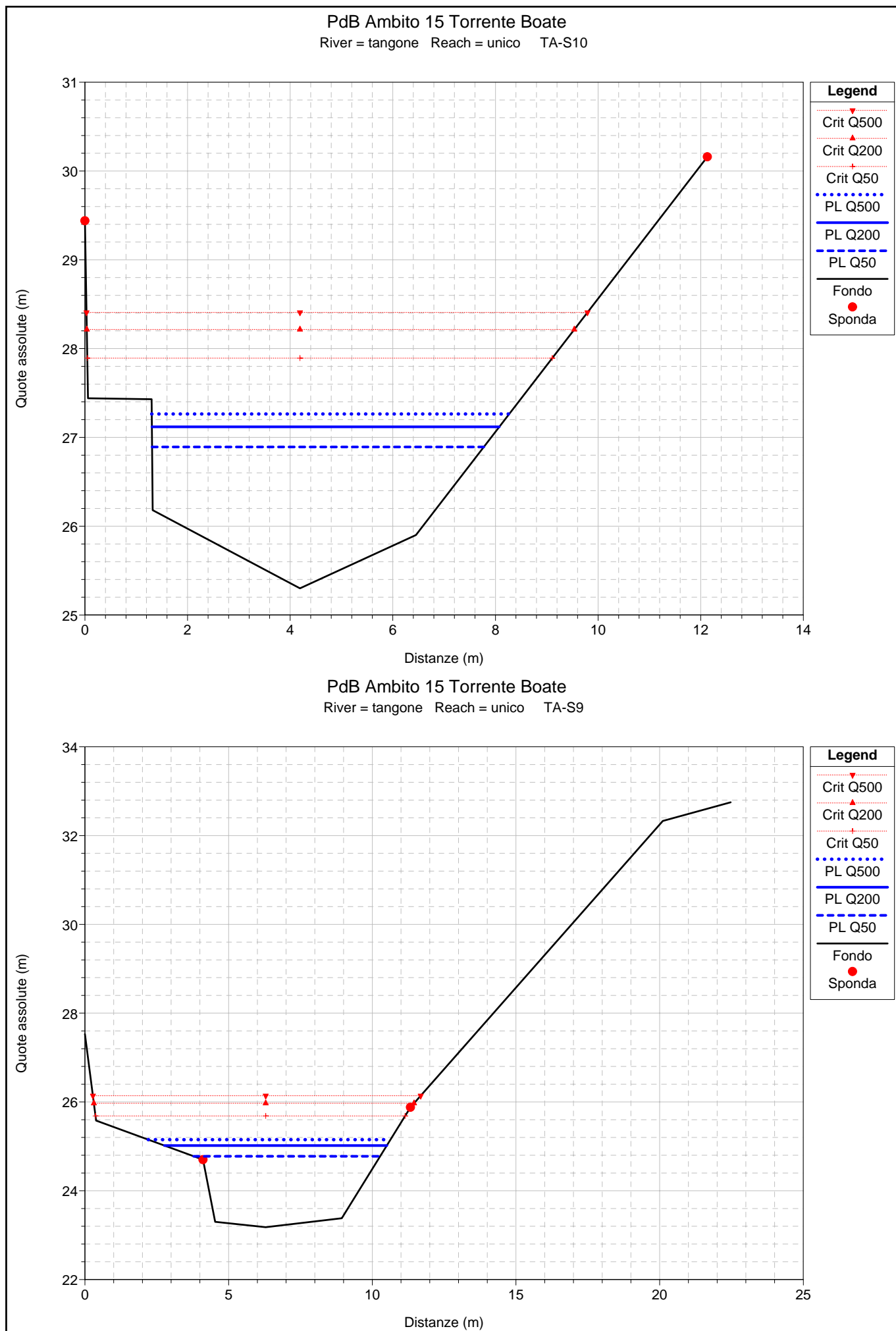
PdB Ambito 15 Torrente Boate

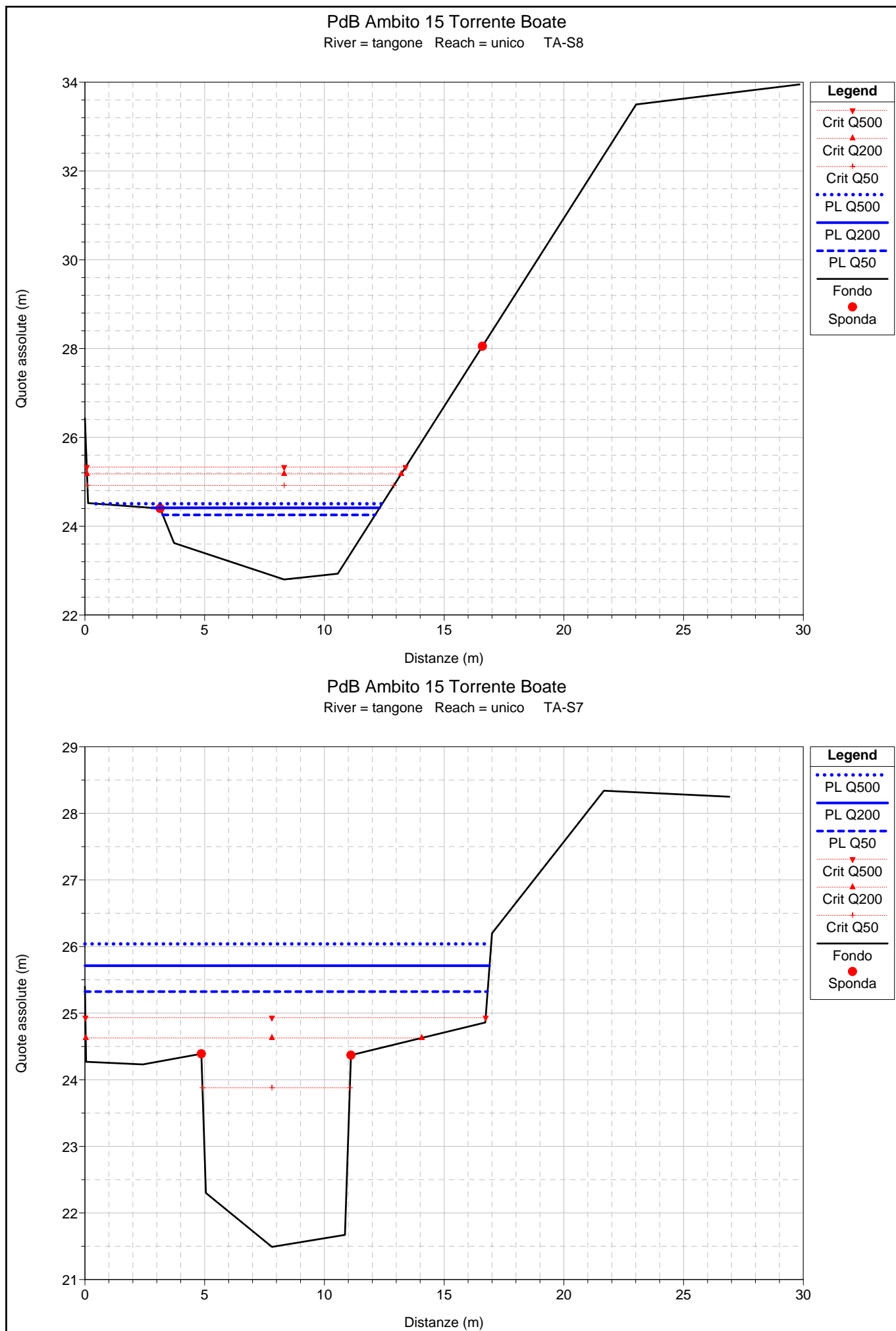
River = tangone Reach = unico TA-S12





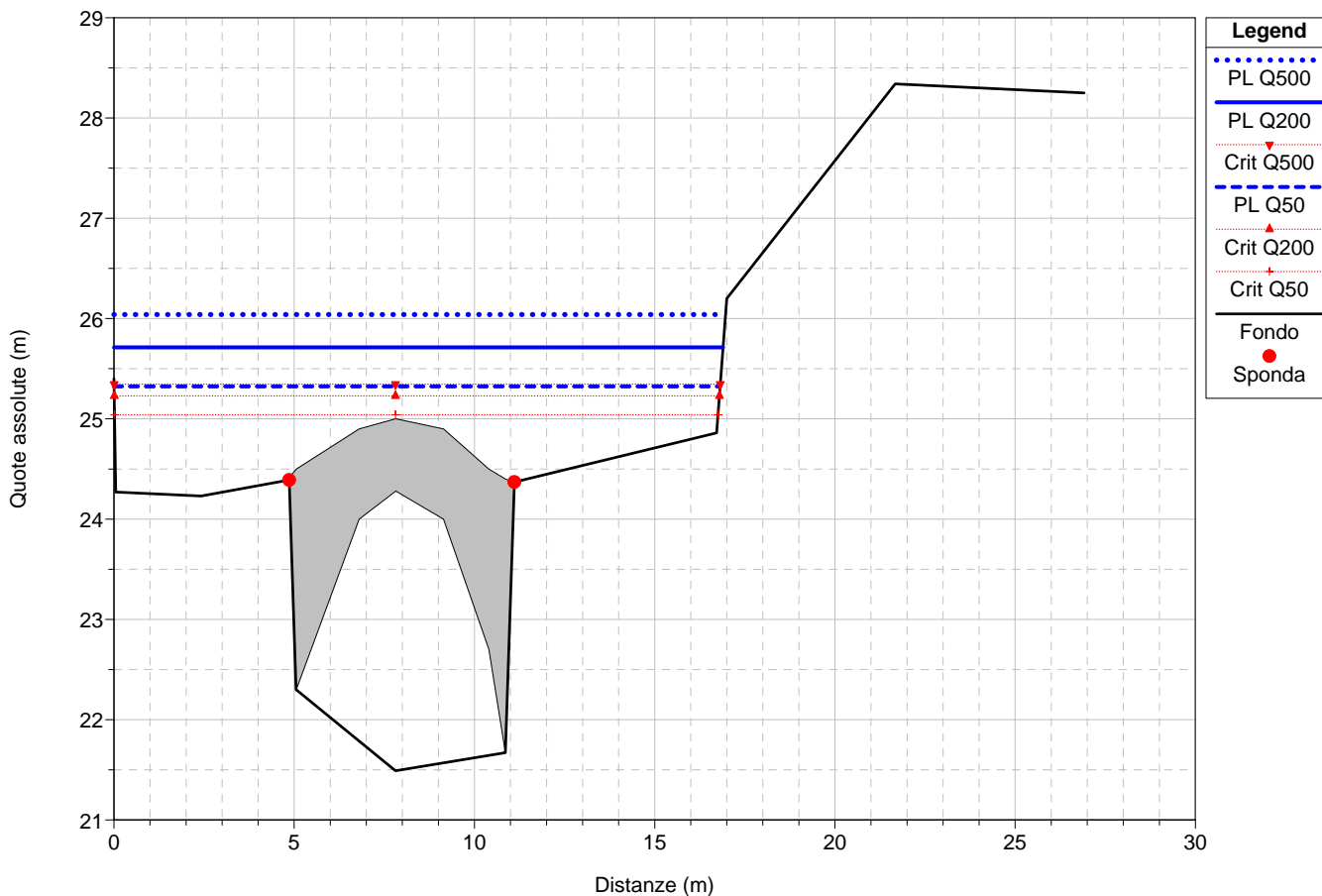






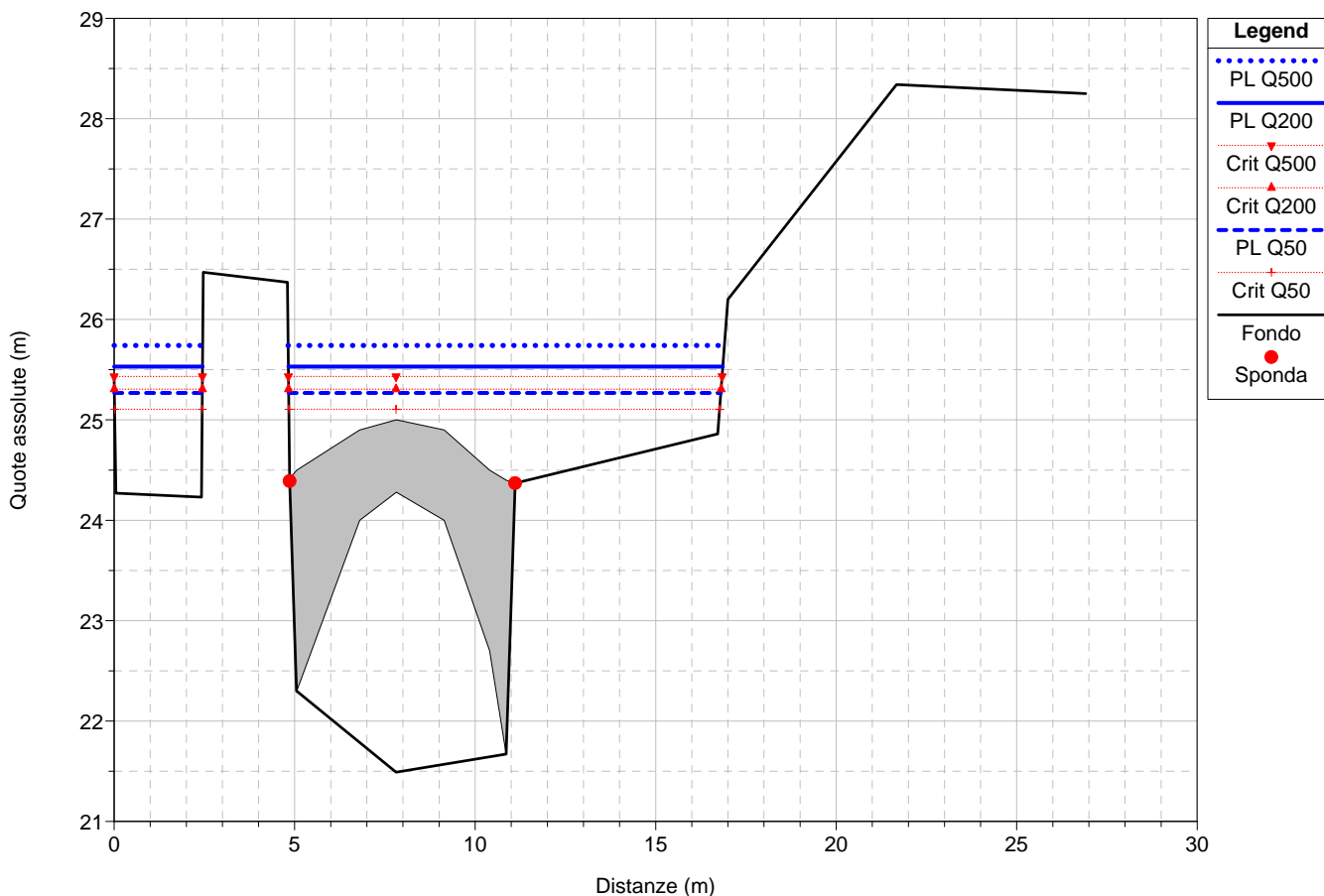
PdB Ambito 15 Torrente Boate

River = tangone Reach = unico

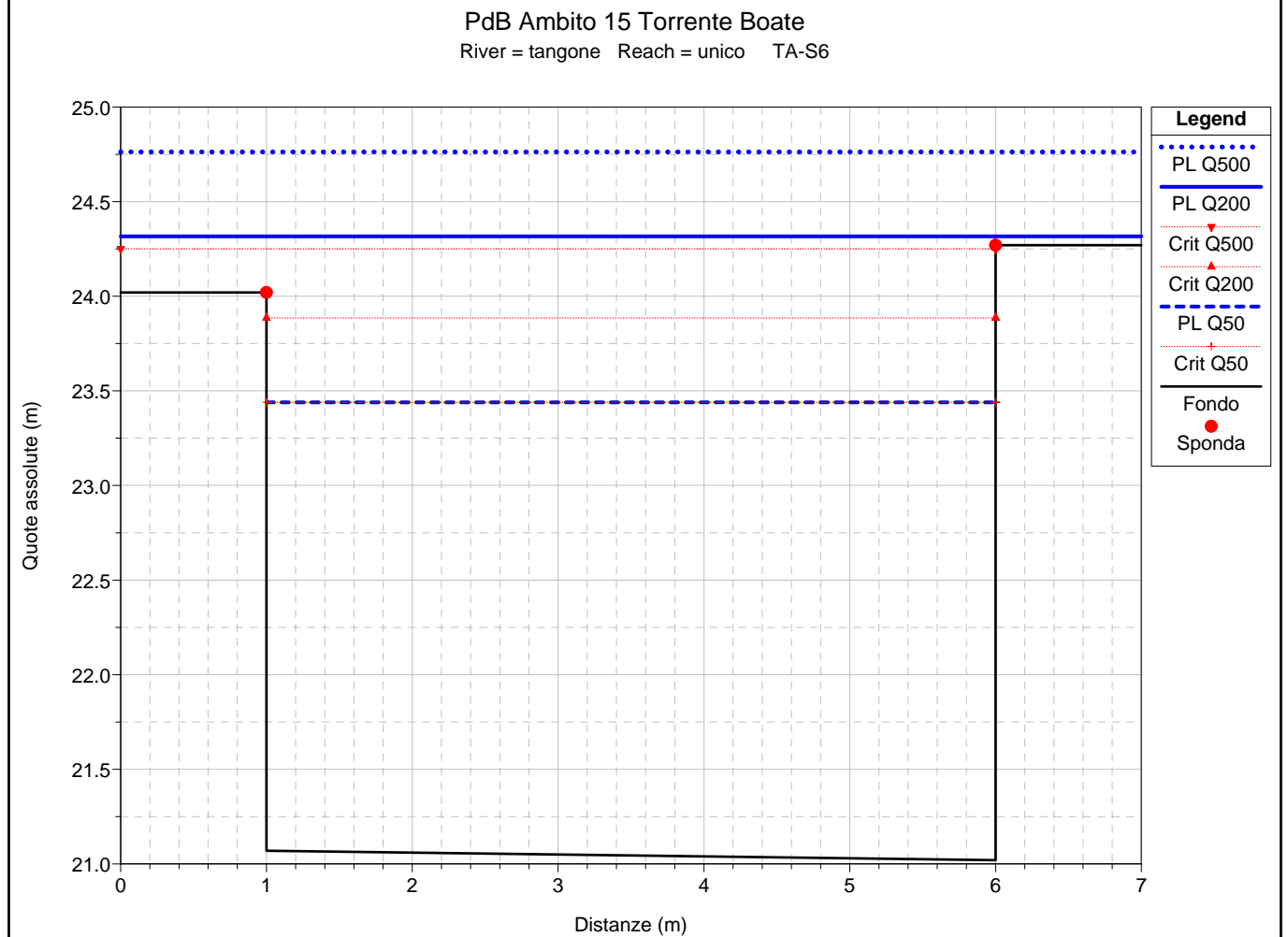
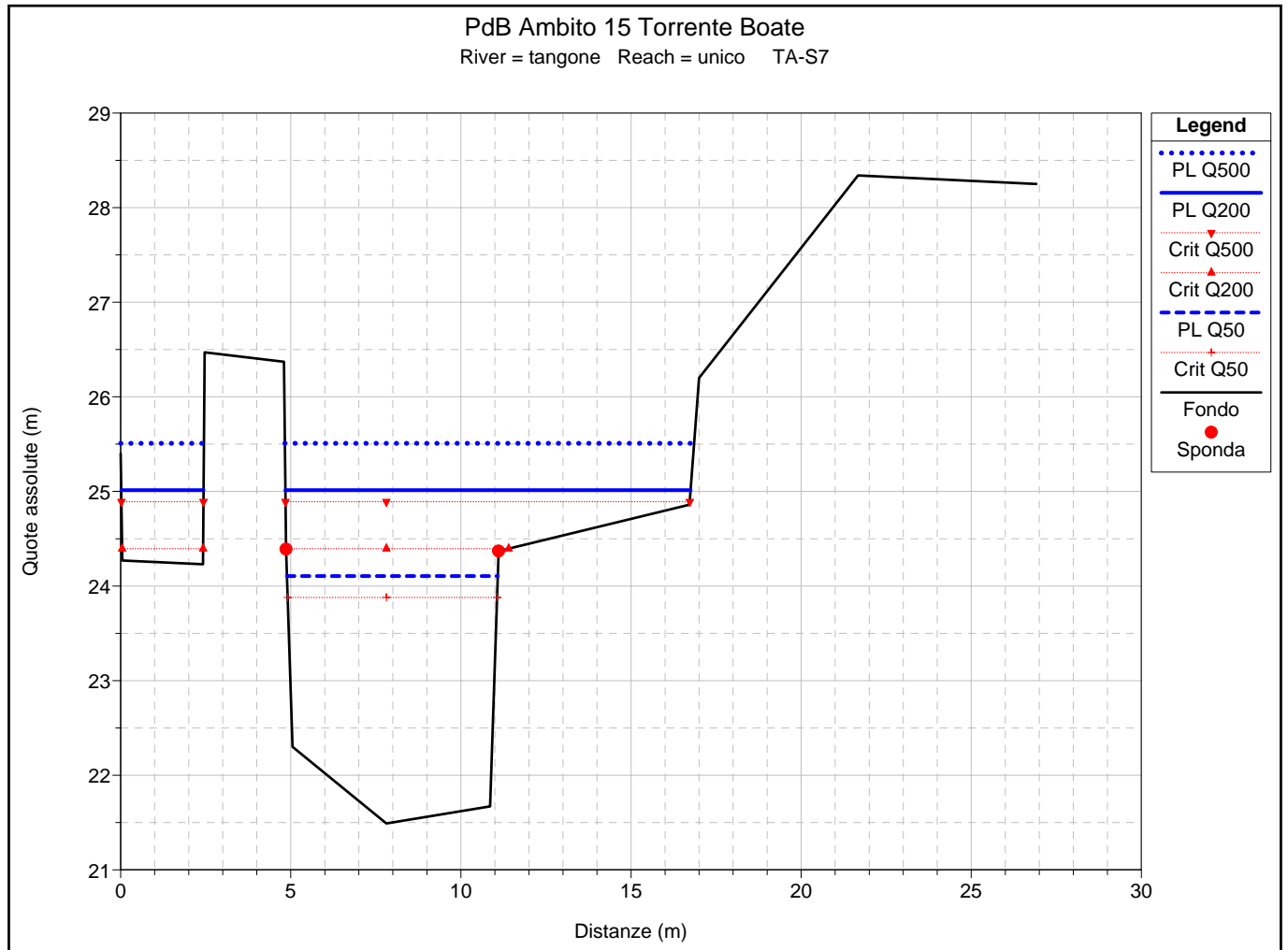


PdB Ambito 15 Torrente Boate

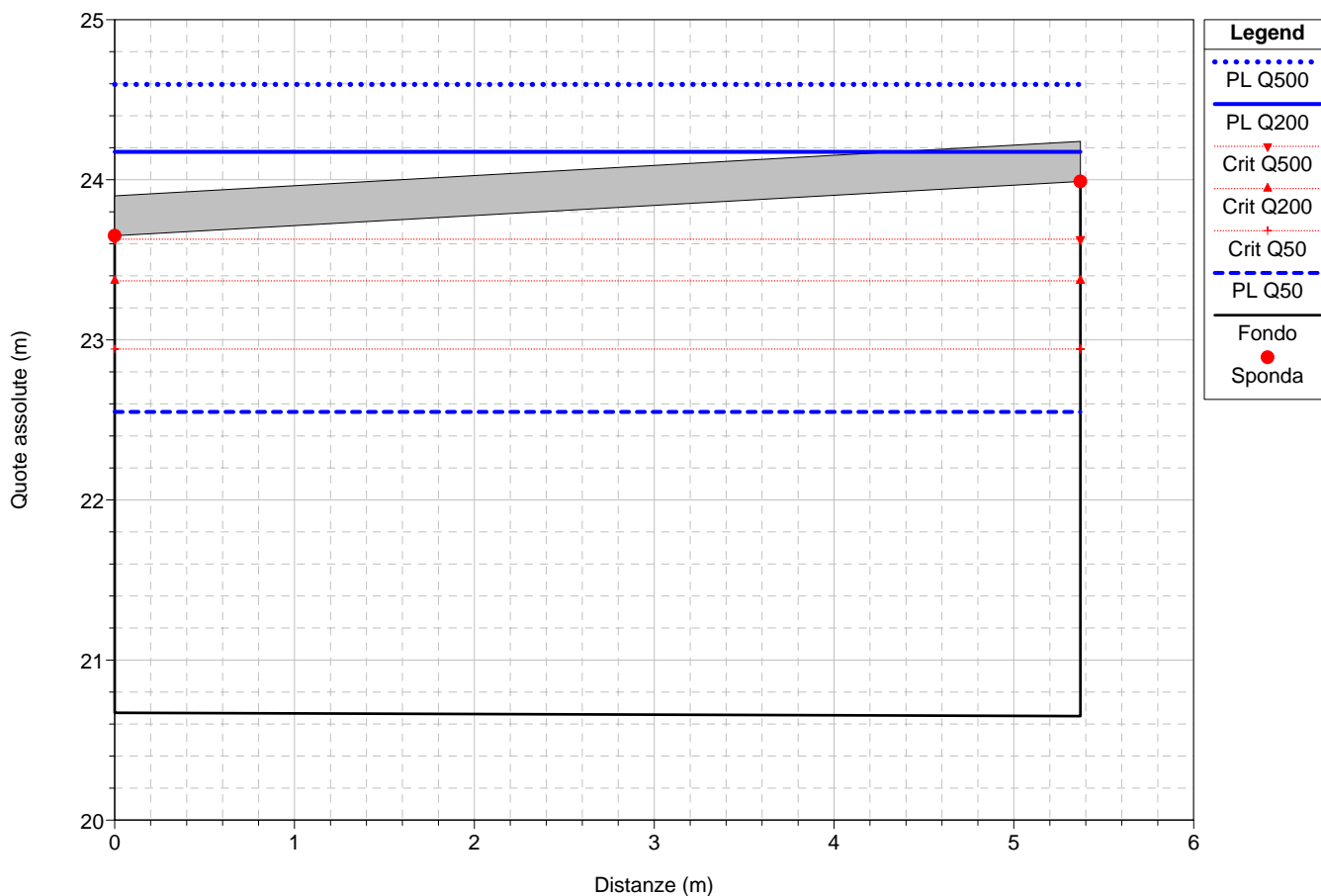
River = tangone Reach = unico



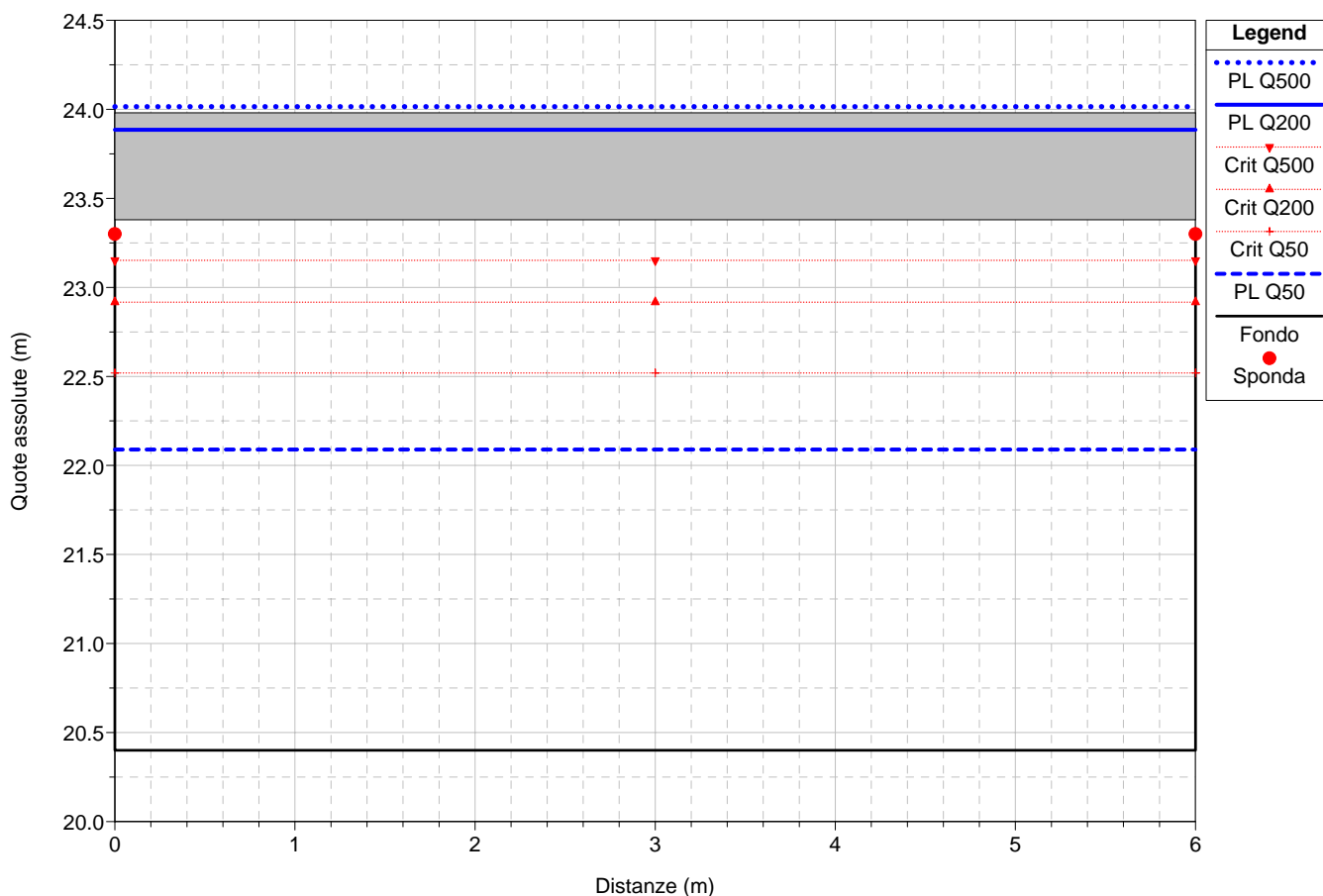


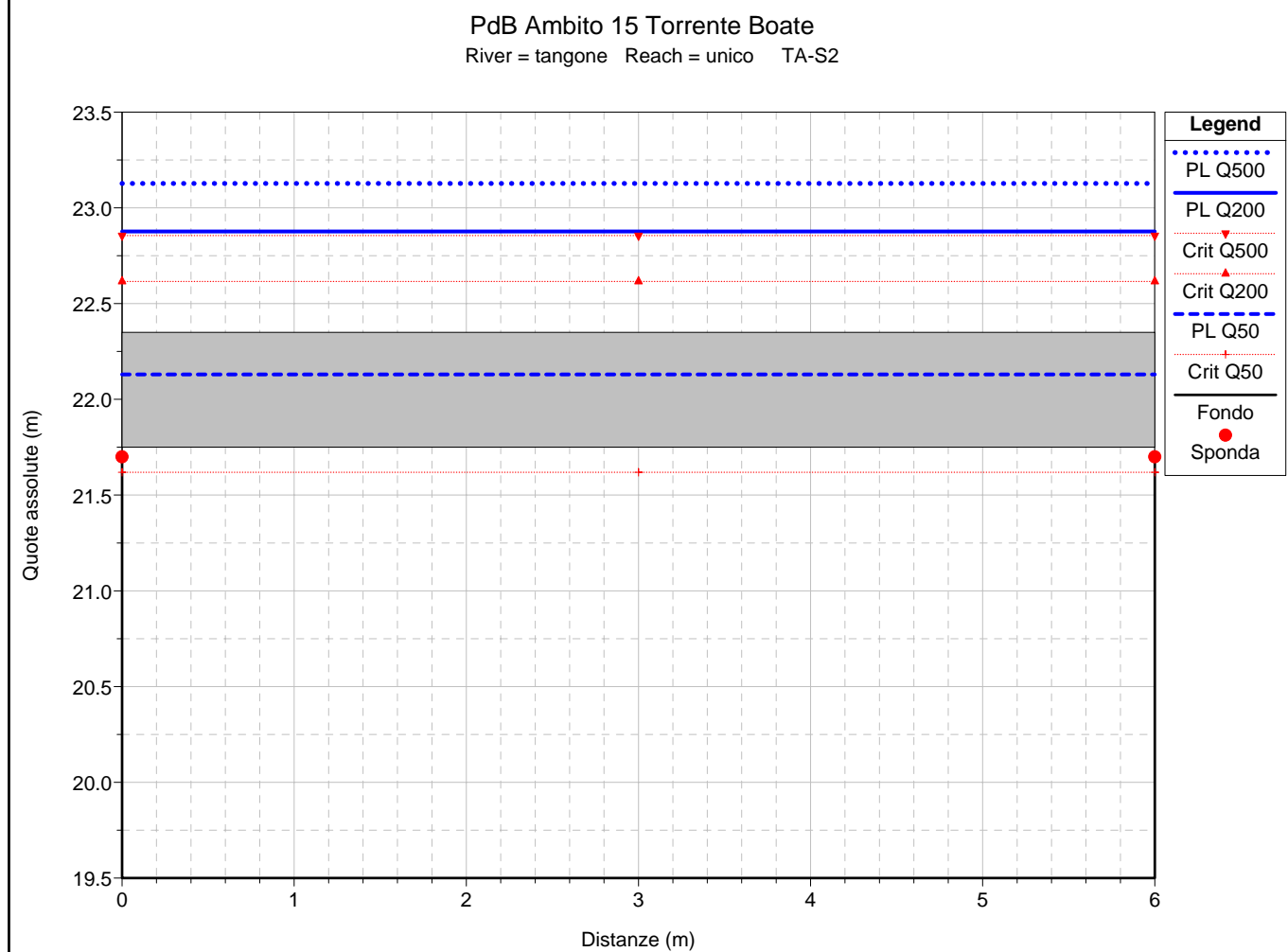
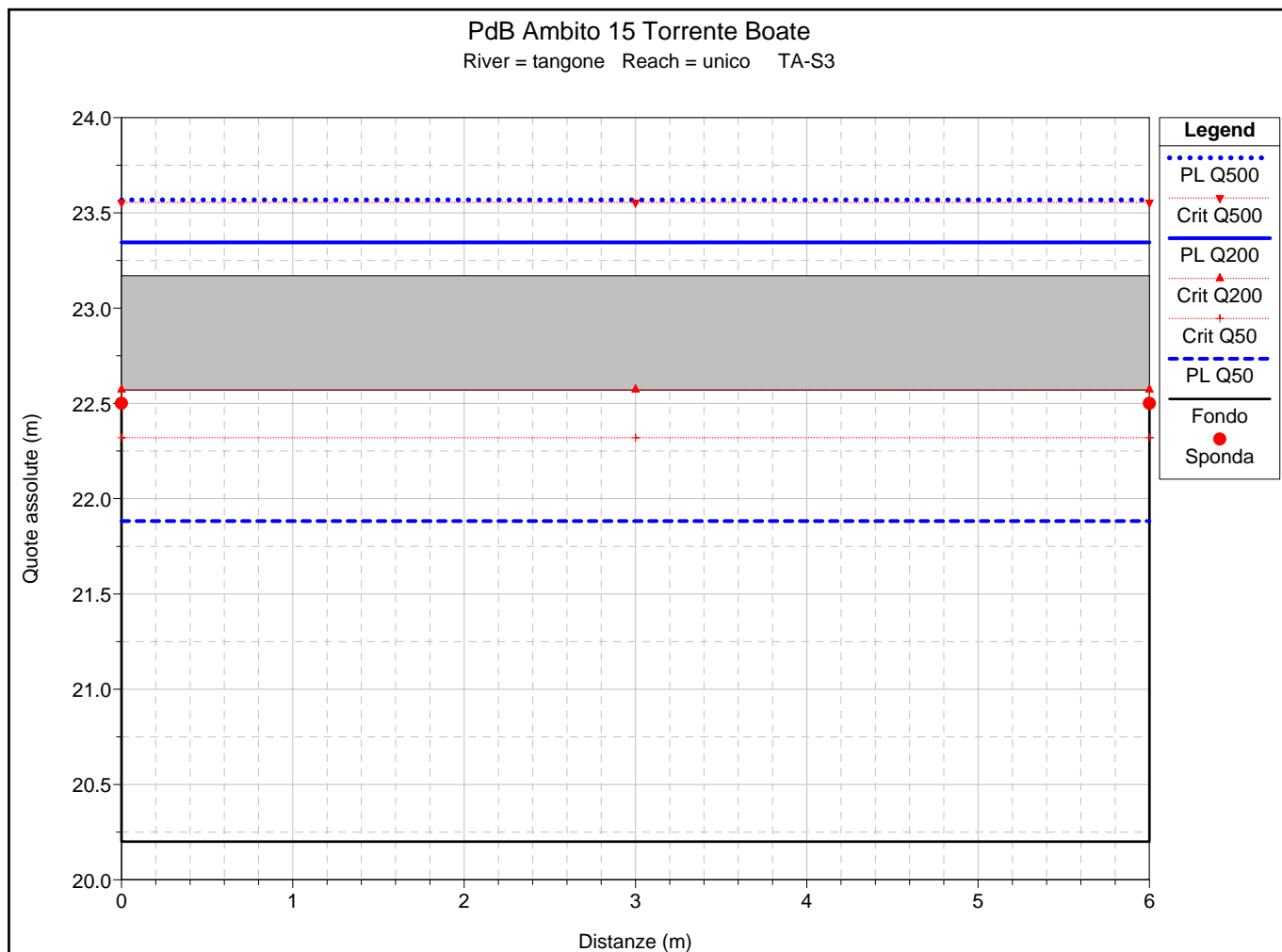


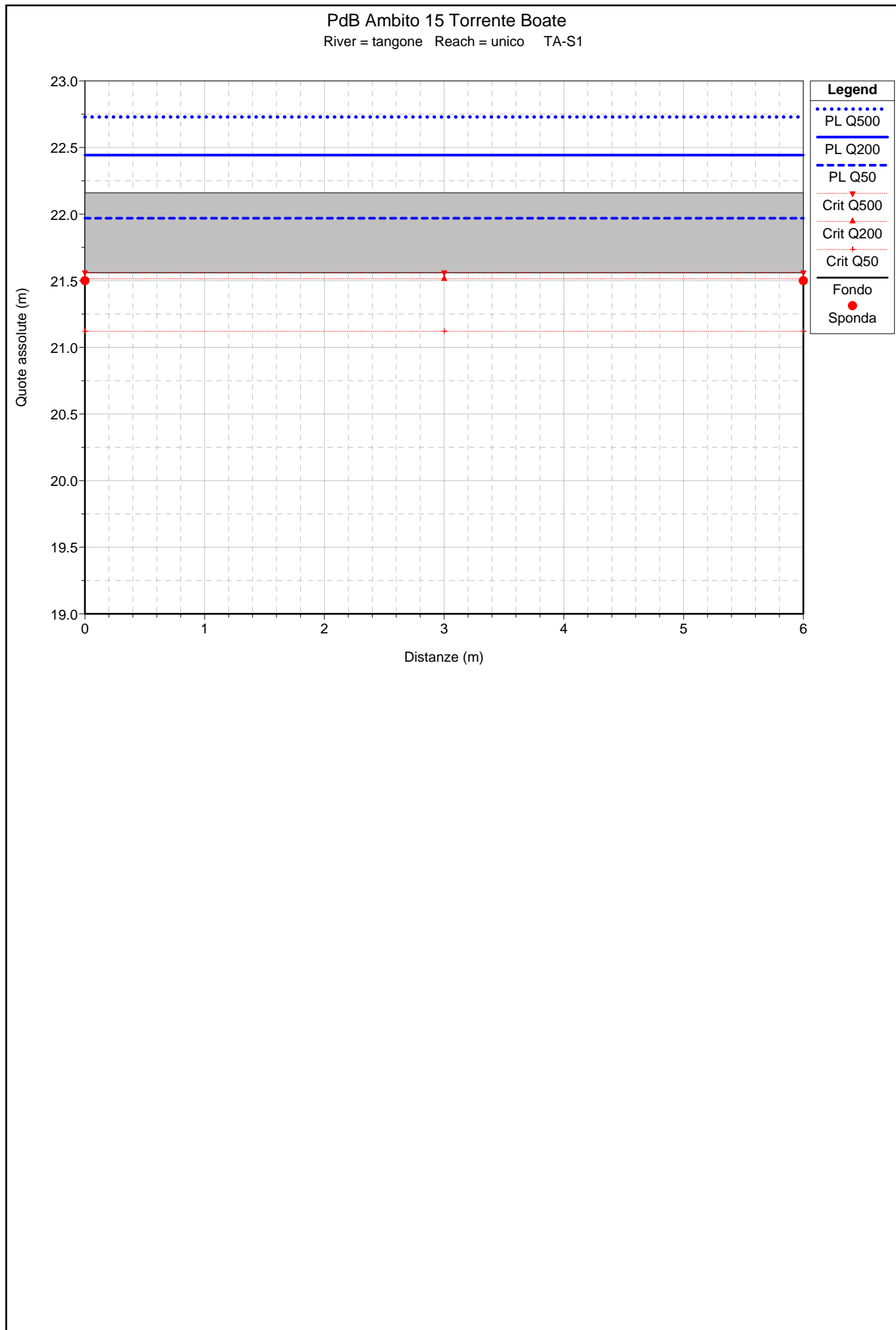
PdB Ambito 15 Torrente Boate  
River = tangone Reach = unico TA-S5



PdB Ambito 15 Torrente Boate  
River = tangone Reach = unico TA-S4







HEC-RAS Plan: AFF River: tangone Reach: unico

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
unico	13 TA-S13	Q50	58.00	32.67	34.01	35.72	1.71	34.49	0.48	34.86	37.13	0.058041	7.83	7.41	7.19	2.46
unico	13 TA-S13	Q200	75.00	32.67	34.21	35.72	1.51	34.49	0.28	35.19	37.85	0.057728	8.45	8.87	7.46	2.48
unico	13 TA-S13	Q500	86.00	32.67	34.33	35.72	1.39	34.49	0.16	35.39	38.27	0.057540	8.80	9.78	7.62	2.48
unico	12.1 TA-S12	Q50	58.00	28.79	33.95	32.56	-1.39	32.43	-1.52	33.01	34.26	0.002801	2.59	23.99	9.76	0.41
unico	12.1 TA-S12	Q200	75.00	28.79	31.95	32.56	0.61	32.43	0.48	33.39	35.49	0.047428	8.34	9.00	4.06	1.79
unico	12.1 TA-S12	Q500	86.00	28.79	32.22	32.56	0.34	32.43	0.21	33.58	35.91	0.046111	8.51	10.11	4.10	1.73
unico	12.		Bridge													
unico	11.9 TA-S12	Q50	58.00	28.45	32.16	32.56	0.40	32.43	0.27	32.16	33.52	0.016166	5.18	11.20	4.09	1.00
unico	11.9 TA-S12	Q200	75.00	28.45	33.23	32.56	-0.67	32.43	-0.79	33.23	34.16	0.009188	4.41	18.43	9.43	0.73
unico	11.9 TA-S12	Q500	86.00	28.45	33.43	32.56	-0.87	32.43	-1.00	33.43	34.42	0.009451	4.58	20.42	9.53	0.73
unico	11 TA-S11	Q50	58.00	27.74	30.54	32.44	1.90	32.08	1.54	31.43	33.29	0.039860	7.34	7.90	4.41	1.75
unico	11 TA-S11	Q200	75.00	27.74	30.98	32.44	1.46	32.08	1.10	31.92	33.89	0.036771	7.57	9.91	4.84	1.69
unico	11 TA-S11	Q500	86.00	27.74	31.28	32.44	1.16	32.08	0.80	32.69	34.16	0.033325	7.52	11.43	5.15	1.61
unico	10 TA-S10	Q50	58.00	25.30	26.89	29.44	2.55	30.16	3.27	27.89	30.51	0.064632	8.42	6.89	6.46	2.61
unico	10 TA-S10	Q200	75.00	25.30	27.12	29.44	2.32	30.16	3.04	28.22	31.19	0.061973	8.94	8.38	6.77	2.57
unico	10 TA-S10	Q500	86.00	25.30	27.26	29.44	2.18	30.16	2.90	28.41	31.55	0.059589	9.17	9.38	6.96	2.52
unico	9. TA-S9	Q50	58.00	23.18	24.78	24.70	-0.08	25.88	1.10	25.68	27.50	0.041084	7.31	7.94	6.49	2.06
unico	9. TA-S9	Q200	75.00	23.18	25.02	24.70	-0.32	25.88	0.86	25.97	28.17	0.040077	7.89	9.66	7.74	2.07
unico	9. TA-S9	Q500	86.00	23.18	25.15	24.70	-0.45	25.88	0.73	26.14	28.57	0.040083	8.24	10.73	8.43	2.09
unico	8 TA-S8	Q50	58.00	22.80	24.26	24.40	0.14	28.05	3.80	24.92	26.32	0.034851	6.37	9.11	8.87	2.01
unico	8 TA-S8	Q200	75.00	22.80	24.41	24.40	-0.01	28.05	3.64	25.18	26.99	0.037858	7.11	10.55	9.53	2.12
unico	8 TA-S8	Q500	86.00	22.80	24.51	24.40	-0.11	28.05	3.55	25.33	27.39	0.039000	7.53	11.54	11.96	2.17
unico	7.1 TA-S7	Q50	58.00	21.49	25.32	24.39	-0.93	24.37	-0.95	23.88	25.54	0.001454	2.18	30.87	16.81	0.37
unico	7.1 TA-S7	Q200	75.00	21.49	25.71	24.39	-1.32	24.37	-1.34	24.63	25.95	0.001444	2.34	37.44	16.90	0.38
unico	7.1 TA-S7	Q500	86.00	21.49	26.04	24.39	-1.65	24.37	-1.67	24.93	26.27	0.001289	2.33	42.97	16.97	0.36
unico	7.		Bridge													
unico	6.9 TA-S7	Q50	58.00	21.49	24.10	24.39	0.29	24.37	0.27	23.88	24.95	0.008358	4.08	14.22	6.20	0.86
unico	6.9 TA-S7	Q200	75.00	21.49	25.01	24.39	-0.62	24.37	-0.64	24.40	25.60	0.004230	3.50	23.96	14.33	0.63
unico	6.9 TA-S7	Q500	86.00	21.49	25.51	24.39	-1.12	24.37	-1.14	24.89	25.97	0.002893	3.19	31.11	14.48	0.53
unico	6. TA-S6	Q50	58.00	21.02	23.44	24.02	0.58	24.27	0.83	23.44	24.64	0.014072	4.85	11.97	5.00	1.00
unico	6. TA-S6	Q200	75.00	21.02	24.32	24.02	-0.30	24.27	-0.05	23.89	25.37	0.009837	4.56	16.70	7.00	0.80
unico	6. TA-S6	Q500	86.00	21.02	24.76	24.02	-0.74	24.27	-0.49	24.25	25.78	0.008124	4.51	19.83	7.00	0.75
unico	5 TA-S5	Q50	58.00	20.65	22.55	23.65	1.10	23.99	1.44	22.94	24.21	0.017768	5.71	10.15	5.37	1.33
unico	5 TA-S5	Q200	75.00	20.65	24.17	23.65	-0.52	23.99	-0.18	23.37	25.10	0.014842	4.27	17.56	4.33	0.73
unico	5 TA-S5	Q500	86.00	20.65	24.60	23.65	-0.95	23.99	-0.61	23.63	25.56	0.013961	4.35	19.79	5.37	0.70
unico	4 TA-S4	Q50	58.00	20.40	22.09	23.38	1.29	23.38	1.29	22.52	23.76	0.018442	5.72	10.14	6.00	1.40
unico	4 TA-S4	Q200	75.00	20.40	23.89	23.38	-0.51	23.38	-0.51	22.92	24.78	0.011062	4.19	17.88		0.72
unico	4 TA-S4	Q500	86.00	20.40	24.02	23.38	-0.64	23.38	-0.64	23.15	25.17	0.020539	4.75	18.09	6.00	0.80
unico	3 TA-S3	Q50	58.00	20.20	21.88	22.57	0.69	22.57	0.69	22.32	23.56	0.018669	5.75	10.09	6.00	1.41

HEC-RAS Plan: AFF River: tangone Reach: unico (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
unico	3	TA-S3	75.00	20.20	23.35	22.57	-0.77	22.57	-0.77	22.57	24.57	0.025633	4.91	15.27	6.00	0.88
unico	3	TA-S3	86.00	20.20	23.57	22.57	-1.00	22.57	-1.00	23.55	24.93	0.025478	5.18	16.61	6.00	0.90
unico	2	TA-S2	58.00	19.50	22.13	21.75	-0.38	21.75	-0.38	21.62	23.07	0.015075	4.30	13.50		0.85
unico	2	TA-S2	75.00	19.50	22.88	21.75	-1.13	21.75	-1.13	22.62	23.91	0.018915	4.50	16.66	6.00	0.78
unico	2	TA-S2	86.00	19.50	23.13	21.75	-1.38	21.75	-1.38	22.86	24.27	0.018635	4.73	18.17	6.00	0.79
unico	1	TA-S1	58.00	19.00	21.97	21.56	-0.41	21.56	-0.41	21.12	22.70	0.010298	3.78	15.36		0.00
unico	1	TA-S1	75.00	19.00	22.44	21.56	-0.88	21.56	-0.88	21.51	23.43	0.018120	4.40	17.06	6.00	0.83
unico	1	TA-S1	86.00	19.00	22.73	21.56	-1.17	21.56	-1.17	21.56	23.80	0.017293	4.58	18.78	6.00	0.83