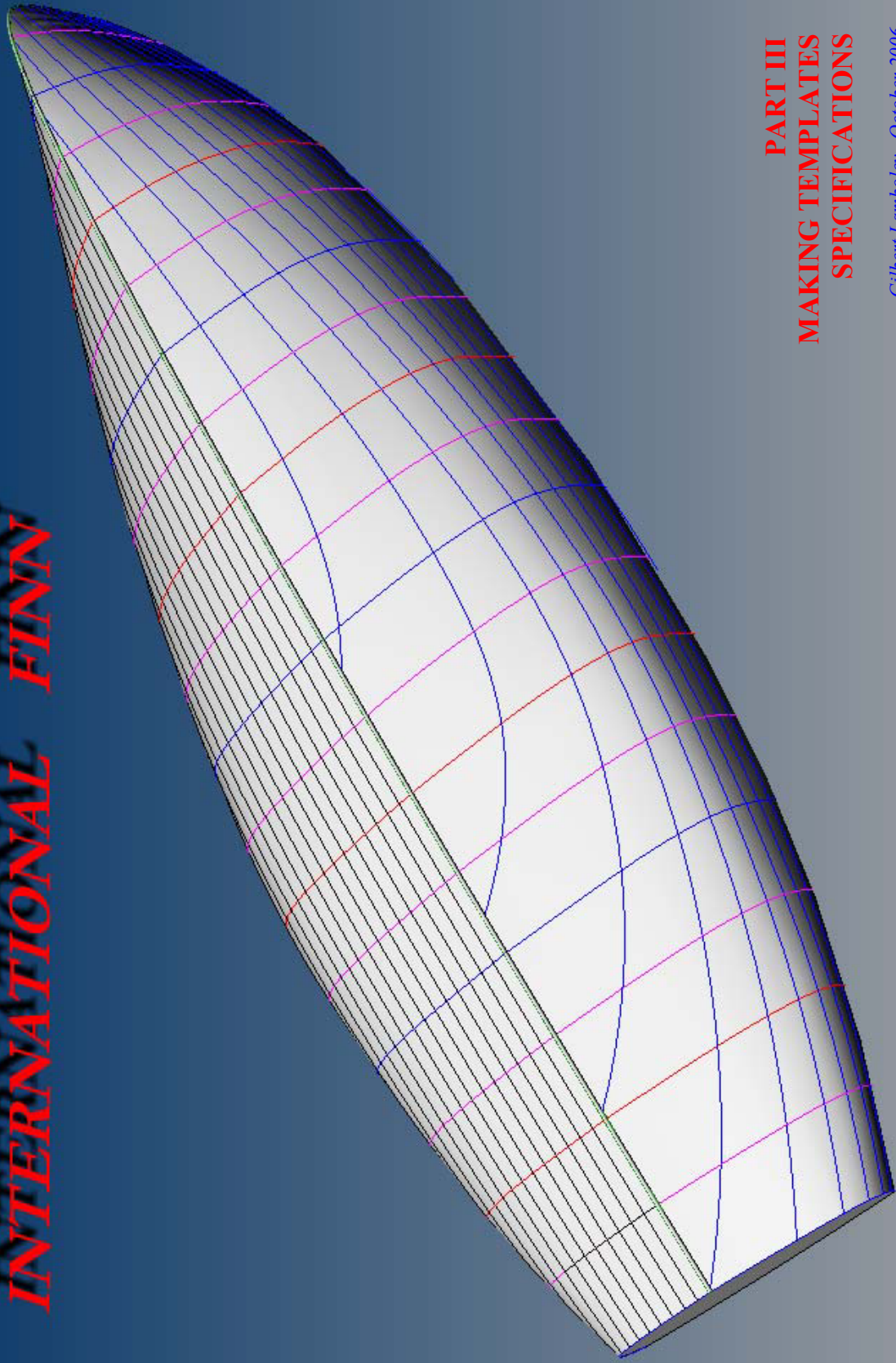


INTERNATIONAL FINN



PART III MAKING TEMPLATES SPECIFICATIONS

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III,1 General

Templates shall be cut and engraved using digitally controlled tools (CNC) according to attached AutoCAD files which are delivered with two “autocad” extensions.

- **Extension .DWG**
[station-0](#) [station-2](#) [station-4](#) [station-6](#) [station-8](#) [stem](#) [rudder](#)
- **Extension .DXF**
[station-0](#) [station-2](#) [station-4](#) [station-6](#) [station-8](#) [stem](#) [rudder](#)

Those files may get corrupted through Internet; if so, may delivered on CD-Rom.
 Other formats may also be provided.
 To open files, click onto paper clips.

Below are to be found :

- coordinates of the contours which have been drawn 5 mm wider than Finn body lines according to Finn Class Rules.
- dimensioned sketches of each template
- Templates are to be cut from 3mm Aluminium Alloy sheets, at a temperature close to 20 Celsius degrees.
- Alloy shall be 5083 and shall be heat treated so as to eliminate internal stresses due to laminating.
- Accuracy of shearing shall be 0.01 mm, as well as for 10 mm holes (apexes of control triangles).
- Accuracy of engraving shall be 0.01 mm:
- along 5mm inside Control Lines,
- along Sheer control lines.
- No work likely to introduce stresses and strains into metal shall be admitted. (Laser cut is thence prohibited)
- All writings to be engraved; stamping shall not be allowed.
- Templates shall be checked:
- to conform to polyester drawings issued from same CNC files.
- by any sort of precise measurements.

Templates are to be used nearby sea. Although 5083 alloy is not likely to be corroded, a thin protection coating shall be proposed by manufacturer.

Templates shall be delivered inside strong enough boxes so as to ensure their protection against any transport injury.

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III, 2 Templates Lines coordinates related to Measurement Frame of Reference

Bold template coordinates were measured from carved layout; others were "splined".

TEMPLATE LINE STATION 0 x = 0.000 m												
n°	Y	Z	n°	Y	Z	n°	Y	Z	n°	Y	Z	n°
1	0,000	195,394	24	264,000	245,274	47	408,711	308,530	70	461,510	389,543	Z
2	6,673	196,042	25	271,592	247,438	48	412,612	311,705	71	462,150	393,234	
3	13,340	196,750	26	283,450	250,911	49	416,424	314,991	72	462,671	396,695	
4	25,200	198,134	27	293,688	254,043	50	420,150	318,384	73	463,103	400,163	
5	32,922	199,136	28	302,909	257,008	51	424,193	322,251	74	463,540	404,678	
6	40,636	200,207	29	311,392	259,886	52	428,010	326,090	75	463,844	409,205	
7	50,200	201,584	30	319,306	262,723	53	431,445	329,750	76	464,027	413,740	
8	58,990	202,882	31	326,752	265,550	54	434,566	333,290	77	464,100	418,284	
9	67,773	204,224	32	333,800	268,384	55	437,412	336,743	78	464,052	423,415	
10	83,746	206,770	33	340,031	270,989	56	440,016	340,136	79	463,858	428,535	
11	99,700	209,434	34	346,239	273,644	57	442,400	343,484	80	463,515	433,563	
12	116,344	212,330	35	354,340	277,233	58	444,494	346,622	81	463,028	438,439	
13	132,966	215,355	36	361,654	280,624	59	446,508	349,804	82	462,400	443,184	
14	149,350	218,484	37	368,387	283,905	60	448,809	353,689	83	461,754	447,106	
15	160,485	220,691	38	374,657	287,122	61	450,871	357,467	84	460,997	451,002	
16	171,607	222,957	39	380,546	290,309	62	452,712	361,153	85	460,024	455,371	
17	186,438	226,097	40	386,100	293,484	63	454,351	364,772	86	458,939	459,713	
18	200,100	229,134	41	389,314	295,378	64	455,800	368,334	87	457,759	464,033	
19	211,189	231,689	42	392,515	297,295	65	456,999	371,652	88	456,500	468,334	
20	222,262	234,310	43	396,683	299,894	66	458,074	375,001	89	455,389	471,902	
21	234,742	237,383	44	400,200	302,234	67	459,092	378,596	90	454,216	475,448	
22	246,001	240,297	45	402,474	303,834	68	459,995	382,221	91	452,282	480,809	
23	256,400	243,134	46	404,718	305,472	69	460,796	385,871	92	450,200	486,234	