

Sec.	Roll	Pitch	Torque	Stress	PropReva	Enc.
400	87.0	107.0	70.5	48.5	31.5	+1
401	87.5	109.5	74.0	53.0	30.5	-1
402	88.5	105.0	74.0	51.0	28.5	-1
403	88.5	94.5	71.0	46.0	27.5	-1
404	88.0	84.0	68.5	41.5	28.5	-1
405	87.5	78.0	69.0	39.5	31.5	-1
406	87.0	78.0	68.0	43.0	33.5	-1
407	87.0	76.5	70.5	58.0	34.0	-1
408	88.0	69.0	73.0	59.5	34.0	-1
409	93.5	56.0	70.0	51.5	34.0	+1
410	96.0	46.0	69.5	37.5	35.0	+1
411	100.0	47.0	74.5	35.5	39.0	+1
412	101.0	61.5	69.0	36.5	41.5	+1
413	101.0	88.5	77.5	40.0	39.0	+1
414	98.5	116.5	78.5	52.0	19.0	+1
415	96.0	130.0	86.5	56.5	9.5	-1
416	91.0	120.5	68.0	53.0	26.0	-1
417	85.0	94.0	70.0	48.0	25.5	-1
418	82.5	75.0	69.0	45.0	28.0	-1
419	79.0	71.5	68.0	43.0	31.0	-1
420	83.5	77.5	70.5	48.0	36.0	-1
421	86.0	79.0	70.5	52.5	39.0	+1
422	91.5	71.0	70.0	50.5	39.5	+1
423	96.0	62.0	71.0	43.5	36.5	+1
424	101.0	59.5	69.0	36.0	37.5	-1
425	103.0	70.0	73.0	40.0	39.5	-1
426	103.0	86.0	73.5	49.5	39.0	-1
427	101.0	94.0	76.5	53.5	31.5	+1
428	96.5	93.5	72.0	50.0	32.5	+1
429	93.5	84.5	68.0	37.0	32.5	+1
430	87.5	80.0	70.0	33.0	32.0	+1
431	85.5	86.5	70.5	36.0	35.5	-1
432	83.5	97.0	74.5	49.5	37.5	-1
433	83.0	104.5	75.5	64.0	33.5	-1
434	83.5	95.5	68.5	62.0	31.0	-1
435	87.0	73.5	74.0	55.0	33.5	+1
436	92.0	57.0	74.0	43.5	36.0	+1
437	96.0	51.0	69.5	37.5	40.0	+1
438	99.5	64.0	71.5	33.5	45.5	+1
439	101.0	85.5	78.0	34.0	40.5	-1
440	101.0	103.5	80.0	48.5	26.5	-1
441	100.0	109.5	72.0	60.0	15.0	-1
442	97.0	98.5	67.0	59.5	24.5	-1
443	96.5	78.0	69.0	55.5	29.5	+1
444	94.0	65.5	66.0	43.5	34.0	+1
445	88.0	64.5	70.0	42.5	37.0	+1
446	84.0	73.0	64.0	40.5	39.5	-1
447	83.0	62.0	70.0	40.0	42.0	-1
448	82.5	91.0	72.0	41.0	40.0	+1
449	83.5	90.0	73.0	40.0	35.5	+1

Sec.	Roll	Pitch	Torque	Stress	PropReva	Enc.
450	84.5	88.0	70.5	40.5	32.5	+1
451	87.5	89.0	69.0	41.0	31.0	+1
452	94.0	88.0	72.0	47.0	31.0	+1
453	95.5	86.0	71.5	50.5	33.5	-1
454	97.0	81.5	71.0	47.0	34.5	-1
455	97.0	77.5	69.0	43.0	35.0	-1
456	96.0	78.5	71.5	41.5	36.0	-1
457	94.0	81.0	68.0	44.5	36.0	+1
458	88.0	82.5	68.0	47.5	36.5	+1
459	87.0	81.0	71.5	45.0	37.0	+1
460	85.5	80.0	68.0	42.0	36.5	-1
461	84.5	72.5	72.5	37.0	36.0	-1
462	85.0	79.5	73.0	41.5	36.5	+1
463	87.0	85.5	70.5	53.0	37.0	+1
464	88.5	86.5	73.0	54.0	36.5	+1
465	93.0	78.5	72.0	49.0	35.5	+1
466	93.5	72.0	72.0	35.5	34.0	+1
467	94.5	75.0	73.0	30.0	35.0	-1
468	94.5	89.5	70.5	35.0	39.5	-1
469	94.5	104.5	76.0	51.5	30.0	-1
470	93.5	109.0	71.5	63.5	22.5	-1
471	88.0	97.0	70.0	62.0	26.5	-1
472	85.5	75.0	68.0	56.0	28.5	+1
473	83.5	56.0	70.0	51.0	33.0	+1
474	83.5	48.0	67.0	42.5	39.0	+1
475	86.5	66.5	67.5	32.0	44.0	+1
476	88.0	73.0	71.5	28.5	47.0	+1
477	94.0	98.0	78.5	34.5	30.0	+1
478	97.0	119.0	80.5	57.0	10.0	-1
479	100.0	120.0	91.5	66.5	19.5	-1
480	100.5	101.5	73.0	63.0	29.0	-1
481	99.0	74.5	69.0	57.0	30.5	-1
482	95.0	59.5	68.0	45.0	34.5	-1
483	88.5	60.0	70.5	37.0	39.5	+1
484	94.5	71.0	69.0	38.0	43.0	+1
485	83.0	85.0	72.5	41.0	43.0	+1
486	82.5	93.0	68.0	45.0	36.5	+1
487	83.0	92.0	69.5	39.5	35.0	+1
488	84.5	89.5	72.0	34.5	34.5	-1
489	87.5	89.0	69.0	39.5	34.5	-1
490	93.5	92.0	73.0	53.0	35.0	-1
491	96.0	92.5	75.5	60.5	36.0	-1
492	98.5	84.0	71.5	54.5	34.5	+1
493	101.0	73.5	70.0	45.0	35.5	+1
494	101.0	66.5	73.5	38.0	39.5	+1
495	99.0	71.5	68.0	34.0	42.0	+1
496	94.5	83.5	73.0	37.0	42.5	+1
497	88.5	96.5	73.5	47.0	37.0	-1
498	86.5	105.5	70.0	52.5	30.0	-1
499	83.5	97.0	71.0	51.5	31.5	-1

Sec.	Roll	Pitch	Torque	Stress	PropReva	Enc.
500	83.0	80.0	68.5	48.5	33.0	-1
501	83.5	64.0	63.0	51.5	34.5	+1
502	87.0	57.0	69.0	45.0	39.0	+1
503	95.0	61.0	70.5	40.0	42.0	+1
504	102.0	75.0	73.0	36.5	45.5	+1
505	107.0	90.5	74.0	38.5	41.0	+1
506	111.0	101.5	78.0	43.5	33.0	+1
507	110.0	104.0	71.5	49.0	27.5	+1
508	107.0	100.0	70.5	52.5	32.5	-1
509	98.5	93.0	71.0	49.0	32.5	-1
510	92.0	84.0	70.0	47.0	31.5	-1
511	83.5	77.0	69.5	45.0	34.0	-1
512	78.0	73.0	69.0	38.5	36.0	-1
513	77.0	72.5	67.0	35.5	37.0	-1
514	79.5	75.0	70.5	40.0	38.5	-1
515	86.0	78.0	69.0	54.0	39.5	-1
516	94.5	78.0	74.0	55.5	39.0	+1
517	101.0	73.0	69.0	44.5	36.0	+1
518	107.0	71.5	69.5	35.0	36.0	+1
519	109.0	73.5	70.0	33.5	38.5	-1
520	108.0	85.0	71.5	42.0	39.0	-1
521	107.0	99.5	76.5	51.0	37.0	-1
522	102.0	104.5	70.5	54.0	33.0	-1
523	95.0	98.0	69.0	50.5	32.5	+1
524	86.5	85.5	72.5	42.0	32.5	+1
525	78.5	77.5	77.5	36.0	33.5	+1
526	73.5	77.5	67.0	35.5	34.5	+1
527	74.0	84.5	66.0	41.0	36.0	-1
528	79.0	90.0	68.0	54.0	32.0	-1
529	84.0	82.0	68.0	56.5	37.0	-1
530	94.0	68.5	68.5	55.5	34.5	+1
531	101.5	57.0	72.0	47.5	37.0	+1
532	107.5	56.0	65.0	41.0	39.0	+1
533	110.5	68.0	72.5	37.5	44.0	+1
534	110.5	86.0	77.5	37.0	42.5	+1
535	107.0	104.5	79.0	42.0	32.5	+1
536	101.0	114.0	71.0	47.5	23.5	-1
537	94.0	110.0	68.0	49.0	25.0	-1
538	84.5	97.0	71.0	49.0	29.0	-1
539	79.0	83.0	67.5	47.5	28.0	-1
540	76.0	77.5	66.0	49.0	30.5	-1
541	78.5	69.0	69.0	44.5	34.0	-1
542	83.0	69.0	71.0	40.5	36.5	-1
543	88.5	70.5	70.5	40.0	40.0	+1
544	95.5	75.0	70.5	43.0	39.5	+1
545	101.5	78.0	71.0	44.0	38.5	+1
546	107.0	86.0	72.0	41.0	37.0	+1
547	107.0	88.0	74.5	44.5	37.0	-1
548	106.5	88.0	71.5	51.0	35.0	-1
549	99.5	86.0	73.0	52.0	34.0	-1

Sec.	Roll	Pitch	Torque	Stress	PropReva	Enc.
550	94.0	81.0	72.0	44.0	35.0	-1
551	86.5	76.5	71.0	41.0	34.0	+1
552	62.0	75.0	67.5	35.0	35.5	+1
553	78.5	81.0	70.0	32.0	38.0	+1
554	78.5	90.5	73.0	36.5	36.5	+1
555	78.5	96.0	72.0	45.5	31.0	-1
556	83.0	103.5	73.5	50.5	28.0	-1
557	87.0	92.5	72.0	50.5	28.0	-1
558	93.5	74.0	72.5	49.5	32.0	+1
559	97.0	61.5	72.5	47.0	35.0	+1
560	101.0	59.0	71.0	47.5	37.0	+1
561	101.0	69.0	75.0	46.0	40.5	+1
562	101.0	80.5	70.0	42.5	40.5	+1
563	100.5	87.5	71.0	39.5	39.5	+1
564	95.5	90.5	65.0	39.0	34.5	-1
565	94.0	93.0	70.0	40.5	33.0	-1
566	88.5	93.0	72.0	39.5	30.5	-1
567	87.0	97.5	71.0	45.5	30.0	-1
568	85.0	92.5	69.5	50.5	29.0	-1
569	84.5	83.5	62.5	52.5	32.0	+1
570	84.5	74.0	72.0	46.0	31.5	+1
571	85.5	68.5	72.5	38.5	34.5	+1
572	88.0	67.0	69.0	35.5	36.0	+1
573	93.5	73.0	67.0	39.5	38.0	+1
574	95.5	84.5	70.5	45.5	37.5	-1
575	98.0	95.5	71.5	47.5	34.5	-1
576	101.0	97.0	71.0	45.5	31.5	-1
577	100.5	92.5	71.5	45.0	33.0	-1
578	96.0	82.5	69.5	47.5	33.5	-1
579	88.5	76.5	71.5	51.0	34.0	+1
580	85.5	71.5	70.0	48.0	34.0	+1
581	83.0	69.5	71.0	37.5	35.0	+1
582	82.5	69.0	69.0	31.5	35.0	+1
583	83.0	76.5	71.5	33.0	36.0	-1
584	86.0	88.0	72.5	41.0	37.5	-

Sec.	Roll	Pitch	Torque	Stress	PropReva	Enc.
600	101.0	73.0	72.0	35.0	43.0	-1
601	101.0	95.5	74.5	44.0	35.5	-1
602	101.0	106.5	73.5	54.5	24.5	-1
603	96.5	104.5	71.0	56.0	28.5	-1
604	88.5	88.0	74.0	52.0	30.0	+1
605	83.5	73.0	72.0	46.5	31.0	+1
606	78.5	67.5	69.0	36.5	34.0	+1
607	75.0	75.5	64.0	34.5	38.0	+1
608	75.0	90.0	73.0	39.5	38.0	-1
609	77.0	96.0	70.5	42.5	34.0	-1
610	87.5	95.0	69.5	45.0	33.5	-1
611	97.0	83.5	72.5	51.5	34.0	-1
612	106.0	73.0	71.0	57.0	33.5	+1
613	107.0	65.5	69.5	55.0	34.5	+1
614	107.0	62.5	70.0	44.0	35.0	+1
615	99.0	63.0	68.5	32.5	38.0	+1
616	94.0	73.0	70.0	31.5	40.5	+1
617	87.0	90.0	74.0	39.0	36.0	+1
618	83.5	101.0	70.0	46.5	29.0	-1
619	78.5	104.0	70.0	49.0	27.5	-1
620	78.5	96.5	68.5	44.5	27.0	-1
621	79.0	86.5	67.5	42.0	29.0	-1
622	84.0	81.5	71.0	45.5	32.5	-1
623	88.5	80.0	73.0	47.0	34.5	+1
624	94.0	79.5	74.0	51.0	34.5	+1
625	95.5	76.0	70.0	46.5	32.0	+1
626	98.0	73.0	69.5	40.0	33.0	+1
627	101.0	70.0	70.5	36.5	34.5	+1
628	100.5	73.0	70.5	41.5	36.5	-1
629	97.0	81.5	71.0	47.5	36.0	-1
630	94.5	89.5	73.5	49.0	34.5	-1
631	93.5	92.0	71.5	45.0	33.0	-1
632	87.5	85.5	65.0	39.5	31.0	+1
633	83.5	79.0	69.0	39.5	32.0	+1
634	82.5	72.5	70.0	43.5	34.0	-1
635	83.0	75.0	70.5	46.5	35.0	-1
636	85.0	82.0	69.0	40.5	34.0	+1
637	87.0	87.0	72.0	35.5	31.5	+1
638	90.0	87.0	70.0	37.5	32.0	+1
639	95.5	89.5	72.0	51.0	32.5	+1
640	101.0	88.5	69.5	58.0	32.5	-1
641	101.0	80.5	74.5	53.5	32.0	-1
642	96.5	72.5	73.0	45.0	32.5	-1
643	93.5	65.5	70.0	44.0	32.0	+1
644	-	-	68.0	39.5	35.0	+1
645	-	-	72.0	32.5	37.5	+1
646	-	-	71.0	30.0	38.0	-1
647	-	-	74.5	40.5	31.0	-1
648	-	-	70.0	59.0	23.0	-1
649	-	-	69.5	59.0	21.0	-1

Sec.	Roll	Pitch	Torque	Stress	PropReva	Enc.
700	-	-	69.0	33.5	39.5	-
701	-	-	74.5	37.5	34.0	-
702	-	-	72.5	44.0	29.0	-
703	-	-	70.0	55.0	27.0	-
704	-	-	68.5	64.5	28.5	-
705	-	-	71.0	66.5	29.5	-
706	-	-	65.0	54.0	31.5	-
707	-	-	70.5	36.0	36.0	-
708	-	-	71.5	26.5	41.0	-
709	-	-	68.5	29.0	43.0	-
710	-	-	75.0	47.0	32.0	-
711	-	-	72.0	61.5	20.0	-
712	-	-	66.0	62.5	25.5	-
713	-	-	70.0	53.5	28.0	-
714	-	-	69.0	44.5	30.5	-
715	-	-	69.0	40.5	35.5	-
716	-	-	70.0	39.0	40.0	-
717	-	-	70.5	42.0	41.0	-
718	-	-	74.0	44.0	39.0	-
719	-	-	73.0	41.0	32.5	-
720	-	-	70.5	42.0	31.5	-
721	-	-	70.0	42.0	34.5	-
722	-	-	73.0	49.5	34.0	-
723	-	-	70.0	47.0	33.0	-
724	-	-	69.5	45.5	33.0	-
725	-	-	70.5	45.0	33.5	-
726	-	-	70.0	42.0	38.0	-
727	-	-	69.0	37.5	37.5	-

Sec.	Roll	Pitch	Torque	Stress	PropReva	Enc.
650	-	-	70.0	57.0	29.5	+1
651	-	-	69.5	46.5	31.0	+1
652	-	-	72.0	43.0	34.0	-1
653	-	-	66.0	39.0	38.0	-1
654	-	-	71.5	48.5	41.0	-1
655	-	-	71.5	51.5	36.5	+1
656	-	-	73.0	47.0	35.0	+1
657	-	-	71.5	40.0	35.0	+1
658	-	-	72.0	34.0	35.5	+1
659	-	-	72.0	40.5	37.5	+1
660	-	-	72.5	47.0	34.0	+1
661	-	-	71.0	49.0	29.0	-1
662	-	-	65.5	47.0	29.5	-1
663	-	-	73.0	39.0	31.0	-1
664	-	-	73.0	40.5	32.0	-1
665	-	-	72.0	50.0	35.0	-1
666	-	-	70.0	54.5	36.0	-1
667	-	-	72.0	49.5	36.5	+1
668	-	-	70.0	40.0	36.0	+1
669	-	-	69.0	36.0	37.5	+1
670	-	-	71.0	35.5	40.0	-1
671	-	-	72.5	38.0	40.0	-1
672	-	-	78.0	48.0	32.0	-1
673	-	-	70.5	53.0	27.0	-1
674	-	-	70.0	53.5	28.0	+1
675	-	-	65.5	45.5	29.0	-1
676	-	-	70.0	36.5	31.5	-1
677	-	-	70.0	37.5	35.5	+1
678	-	-	70.0	41.0	37.0	+1
679	-	-	69.0	43.0	37.0	+1
680	-	-	72.0	43.0	35.5	-1
681	-	-	69.5	43.0	34.0	-1
682	-	-	67.5	43.0	33.0	-1
683	-	-	65.5	43.0	35.0	+1
684	-	-	70.5	43.0	38.0	-1
685	-	-	70.5	43.0	38.5	-1
686	-	-	70.5	43.0	37.0	-
687	-	-	69.0	43.0	35.0	-
688	-	-	69.5	43.0	34.0	-
689	-	-	72.0	43.0	34.5	-
690	-	-	70.0	43.0	34.0	-
691	-	-	69.0	43.0	32.5	-
692	-	-	70.0	43.0	32.0	-
693	-	-	72.0	41.5	32.5	-
694	-	-	69.0	47.0	32.5	-
695	-	-	67.0	52.0	32.0	-
696	-	-	69.5	51.5	35.0	-
697	-	-	73.0	45.0	37.5	-
698	-	-	71.0	39.5	39.5	-
699	-	-	69.0	36.0	41.0	-

Table 4-3 Measurements of T. No. 111 at every second

Sec.	Roll	Pitch	Torque	Stress	Prop.Reva	Enc.	Sec.	Roll	Pitch	Torque	Stress	Prop.Reva	Enc.
0	96.3	72.2	-	-	24.5	-	100	100.5	85.0	57.0	39.5	26.0	-1
1	98.2	69.5	-	-	27.0	-	101	96.0	82.0	66.0	35.0	26.0	-1
2	97.5	67.2	-	-	27.0	-	102	87.5	85.0	62.0	45.0	27.0	-1
3	96.2	70.0	-	-	27.0	-	103	83.0	89.0	74.0	60.0	28.0	-1
4	95.2	76.5	-	-	29.0	-	104	82.0	85.0	64.0	61.0	25.0	-1
5	94.5	90.5	-	-	28.5	-	105	81.5	71.0	63.0	50.0	27.0	-1
6	93.2	98.2	-	-	25.0	-	106	82.5	56.0	62.0	43.0	29.0	-1
7	88.0	96.6	-	-	23.0	-	107	86.0	48.5	60.0	36.0	32.0	+1
8	86.5	85.5	-	-	20.0	-	108	93.0	58.0	58.0	39.0	35.0	+1
9	85.5	79.0	-	-	24.0	-	109	97.0	82.0	70.0	42.0	35.0	+1
10	87.0	81.0	-	-	25.0	-	110	103.0	100.0	72.0	51.0	25.0	+1
11	87.2	88.0	-	-	24.0	-	111	106.0	113.0	64.0	55.0	21.0	+1
12	93.2	91.5	-	-	25.6	-	112	106.0	103.5	65.0	51.0	23.0	+1
13	94.0	84.0	-	-	24.8	-	113	104.5	84.0	64.0	54.5	25.0	-1
14	94.5	54.4	-	-	26.0	-	114	96.0	66.0	67.0	52.5	26.0	-1
15	95.2	54.4	-	-	27.5	-	115	82.0	66.0	63.0	42.0	29.0	-1
16	95.5	56.3	-	-	31.0	-	116	82.0	74.0	64.0	38.0	32.0	-1
17	94.5	75.2	-	-	30.8	-	117	75.0	86.5	62.0	46.0	31.5	-1
18	94.0	76.1	-	-	27.3	-	118	74.0	92.0	62.0	53.0	28.0	-1
19	93.7	110.1	-	-	22.3	-	119	77.0	85.0	62.0	50.0	26.0	-1
20	94.0	109.5	-	-	19.1	-	120	82.0	70.0	62.0	43.5	26.0	+1
21	93.2	99.8	-	-	18.2	-	121	93.0	61.0	64.0	41.5	28.5	+1
22	90.0	85.1	-	-	19.5	-	122	102.0	63.0	66.0	43.0	33.0	+1
23	87.5	72.5	-	-	21.7	-	123	108.0	76.0	68.0	46.0	32.5	+1
24	85.7	73.7	-	-	25.3	-	124	110.0	92.0	68.0	48.0	28.0	-1
25	85.0	61.9	-	-	28.3	-	125	110.0	97.0	63.0	53.0	25.0	-1
26	85.0	70.0	-	-	30.0	-	126	107.0	94.0	67.0	53.0	25.0	-1
27	86.8	86.8	-	-	29.0	-	127	96.5	78.5	62.0	50.0	26.0	-1
28	89.5	98.5	-	-	21.0	-	128	87.0	71.0	67.0	50.0	27.0	-1
29	93.8	99.0	-	-	20.0	-	129	82.0	72.0	63.0	47.0	29.0	+1
30	97.0	68.2	-	-	27.5	-	130	75.0	80.0	64.0	41.0	30.0	+1
31	100.5	67.5	-	-	28.0	-	131	74.0	82.0	63.0	43.0	31.0	-1
32	103.2	75.0	-	-	29.0	-	132	78.0	81.5	64.0	45.0	30.0	-1
33	102.0	84.3	-	-	28.0	-	133	85.0	78.0	67.0	43.0	28.5	-1
34	99.5	94.0	-	-	25.0	-	134	95.0	77.0	67.0	40.5	29.0	+1
35	96.0	98.3	-	56.0	23.3	-	135	104.0	80.0	68.0	40.0	28.0	+1
36	98.5	95.0	-	59.0	23.5	-	136	107.5	84.0	64.0	47.0	27.0	+1
37	87.2	81.0	-	50.2	24.0	+1	137	109.0	87.0	66.0	55.0	24.0	+1
38	84.0	67.5	-	40.3	25.0	+1	138	106.0	82.5	65.0	59.0	25.0	+1
39	82.2	63.8	-	40.2	27.0	+1	139	108.0	74.0	64.0	55.0	26.0	+1
40	78.2	67.8	-	37.2	29.0	+1	140	95.0	68.0	63.0	46.0	28.0	-1
41	82.0	74.2	-	40.0	30.3	-1	141	87.0	65.0	61.0	38.0	29.0	-1
42	83.0	94.0	-	53.0	27.0	-1	142	81.0	69.0	60.5	41.0	32.0	+1
43	96.2	96.2	-	60.5	25.3	-1	143	78.0	79.0	61.0	47.0	32.0	+1
44	104.2	83.0	-	55.3	24.3	-1	144	78.0	87.0	63.0	45.0	30.0	+1
45	106.2	64.3	-	48.0	26.0	+1	145	82.0	91.0	65.0	41.0	26.0	+1
46	106.0	52.0	-	44.0	28.0	+1	146	87.0	94.0	65.0	37.5	26.0	-1
47	99.5	58.0	-	41.0	29.0	+1	147	95.5	95.0	65.0	40.0	25.0	-1
48	75.0	79.0	-	42.0	30.0	+1	148	102.0	93.0	65.0	49.0	25.0	-1
49	86.0	103.0	-	41.0	23.0	+1	149	106.0	87.0	67.0	60.0	24.0	-1

Sec.	Roll	Pitch	Torque	Stress	Prop.Reva	Enc.	Sec.	Roll	Pitch	Torque	Stress	Prop.Reva	Enc.
50	82.0	114.0	-	50.0	18.0	-1	150	106.0	77.0	65.0	65.0	24.0	+1
51	80.0	105.0	-	56.0	21.0	-1	151	102.0	63.0	66.0	59.0	26.0	+1
52	82.0	83.0	-	25.0	23.0	-1	152	96.0	55.0	64.0	43.0	27.0	+1
53	86.0	64.0	-	50.0	24.0	-1	153	93.5	52.0	64.0	32.0	30.0	+1
54	93.0	57.0	-	42.0	27.0	-1	154	86.0	60.0	60.0	32.0	35.0	+1
55	95.0	63.0	-	43.0	30.5	+1	155	83.0	82.0	66.0	40.5	33.0	-1
56	96.0	74.5	-	45.0	31.0	+1	156	82.0	105.0	62.0	52.0	22.0	-1
57	100.0	84.0	-	45.0	29.0	+1	157	82.0	118.0	62.0	55.0	18.0	-1
58	101.0	89.0	-	48.0	27.0	+1	158	85.0	107.0	66.0	54.0	21.0	-1
59	102.5	83.0	-	49.5	26.0	+1	159	87.0	88.0	65.0	52.0	23.0	-1
60	100.0	76.0	-	47.0	28.0	+1	160	92.0	68.0	66.0	52.0	26.0	+1
61	96.0	75.0	-	44.0	29.0	+1	161	94.0	58.0	58.0	45.0	29.0	+1
62	93.2	81.0	-	40.0	29.0	-1	162	94.0	61.0	62.0	40.0	30.0	+1
63	83.0	93.0	-	43.0	27.5	-1	163	96.0	66.0	75.0	40.0	33.0	+1
64	82.0	93.0	-	51.0	21.0	-1	164	98.0	88.0	67.0	44.0	32.0	+1
65	82.5	96.0	-	55.0	25.0	-1	165	100.0	94.0	64.0	50.0	29.0	+1
66	85.0	83.0	64.0	53.0	23.0	-1	166	100.0	90.0	65.0	53.0	28.0	+1
67	88.0	67.0	64.0	50.0	23.5	+1	167	100.0	78.0	66.0	52.0	27.0	+1
68	93.0	58.0	64.0	47.0	26.0	+1	168	96.0	71.0	68.0	47.0	28.0	+1
69	96.0	60.5	64.0	44.0	30.0	+1	169	93.0	70.0	64.0	42.0	27.0	-1
70	100.0	69.0	63.0	40.0	32.0	+1	170	87.0	75.0	64.0	40.0	30.0	-1
71	100.5	78.0	64.0	40.0	31.5	+1	171	85.0	82.0	64.0	41.0	31.0	-1
72	100.5	87.0	68.5	41.5	29.0	-1	172	86.0	90.0	68.0	47.0	30.0	-1
73	97.5	97.5	61.0	44.0	24.5	-1	173	86.0	94.0	67.0	49.0	27.0	-1
74	95.0	107.0	64.0	48.0	21.0	-1	174	87.0	93.0	68.0	45.0	26.0	-1
75	92.5	105.5	61.0	54.0	20.0	-1	175	90.0	84.0	65.0	45.0	24.0	-1
76	86.0	91.5	63.0	60.5	21.0	-1	176	94.0	76.0	65.0	49.0	26.0	-1
77	84.0	69.0	64.0	58.5	23.5	+1	177	94.0	72.0	63.0	50.0	26.0	-1
78	83.5	56.0	63.0	47.0	22.5	+1	178	96.0	71.0	65.0	54.0	29.0	+1
79	84.0	56.0	60.0	35.0	30.0	+1	179	98.0	67.0	64.0	50.0	29.0	+1
80	86.5	69.0	61.0	35.5	35.5	-1	180	100.0	65.0	63.0	43.0	30.0	+1
81	88.0	88.0	65.0	50.0	26.0	-1	181	100.0	67.0	61.0	33.0	31.0	+1
82	92.0	98.5	60.0	60.0	20.0	-1	182	96.0	79.0	68.0	37.0	32.0	-1
83	94.0	92.0	65.5	55.5	21.0	+1	183	95.0	93.0	73.0	54.0	28.0	-1
84	96.0	73.0	65.0	45.0	23.0	+1	184	92.0	106.0	65.0	67.0	22.0	-1
85	97.0	60.0	62.0	39.5	26.0	+1	185	86.0	97.0	63.0	62.0	23.0	-1
86	100.0	67.5	65.0	42.0	31.0	+1	186	83.0	76.0	65.0	46.0	23.0	+1
87	93.0	89.0	46.0	30.5	30.5	-1	187	82.0	59.0	61.0	38.0	25.0	+1
88	96.0	107.0	68.0	56.0	26.0	-1	188	84.0	59.0	59.0	35.0	30.0	+1
89	93.0	110.0	64.0	60.0	20.0	-1	189	88.0	75.0	63.0	43.0	32.0	+1
90	87.0	93.0	64.0	52.0	22.0	-1	190	94.0	93.0	68.0	56.0	30.0	-1
91	83.5	66.0	63.0	48.5	24.0	-1	191	98.0	98.0	69.0	61.0	30.0	-1
92	83.0	54.0	60.0	48.0	26.0	-1	192	101.0	84.0	63.0	53.0	30.0	-1
93	83.0	56.0	61.0	47.0	31.0	+1	193	100.0	67.0	66.0	45.0	29.0	-1
94	86.5	67.0	62.0	44.0	35.0	+1	194	95.0	58.0	65.0	41.0	29.0	-1
95	92.5	79.0	66.0	39.5	34.0	+1	195	93.0	65.0	64.0	41.0	30.0	+1
96	94.0	86.0	63.0	39.0	30.0	+1	196	87.0	80.0	63.0	46.0	32.0	+1
97	97.0	92.0	63.0	46.0	27.0	+1	197	87.0	91.0	66.0	51.5	32.0	+1
98	101.5	93.0	66.0	57.0	27.0	+1	198	87.0	92.0	65.0	50.0	30.0	+1
99	104.0	92.0	67.0	53.5	26.0	+1	199	87.0	85.0	64.0	48.0	28.0	+1

Sec.	Roll	Pitch	Torque	Stress	Prop.Reva.	Enc.
200	91.0	79.0	64.0	38.0	29.5	-1
201	93.0	81.0	66.0	38.0	30.0	-1
202	94.0	86.0	64.0	46.0	29.0	-1
203	96.0	93.0	66.0	59.0	28.0	-1
204	96.0	91.0	64.0	62.0	26.0	-1
205	96.0	80.0	64.0	54.0	27.0	-1
206	98.0	64.0	62.0	41.0	28.0	+1
207	96.0	57.0	66.0	39.0	31.0	+1
208	95.0	59.0	64.0	41.0	35.0	+1
209	94.0	75.0	66.0	43.0	35.0	+1
210	94.0	96.0	66.0	44.0	30.0	-1
211	93.0	107.0	64.0	49.0	25.0	-1
212	91.0	105.0	65.0	54.5	25.5	-1
213	88.0	86.0	65.0	56.0	27.0	-1
214	88.0	70.0	66.0	50.0	26.0	+1
215	88.0	68.0	66.0	43.0	28.0	+1
216	88.0	74.0	63.0	40.0	32.5	+1
217	93.0	84.0	65.0	45.0	32.0	-1
218	94.0	92.0	67.0	47.0	31.0	-1
219	96.0	92.0	69.0	49.0	28.0	-1
220	96.0	84.0	65.0	54.0	27.0	-1
221	96.0	76.0	66.0	52.0	27.0	+1
222	94.0	67.0	67.0	42.0	29.0	+1
223	93.0	68.0	64.0	36.0	31.0	+1
224	93.0	75.0	66.0	38.0	32.0	+1
225	87.0	86.0	67.0	45.0	32.0	+1
226	90.0	102.0	67.0	49.0	31.0	-1
227	92.0	94.0	70.0	48.0	29.0	-1
228	93.0	90.0	66.0	45.0	27.0	-1
229	93.0	82.0	67.0	50.0	26.0	-1
230	94.0	80.0	66.0	60.0	28.0	-1
231	93.0	75.0	66.0	63.0	29.0	-1
232	93.0	69.0	65.0	47.0	29.0	+1
233	93.0	62.0	66.0	32.0	31.0	+1
234	94.0	64.0	66.0	30.0	34.0	+1
235	94.0	75.0	65.0	38.0	36.0	+1
236	94.0	95.0	67.0	46.0	28.0	+1
237	95.0	109.0	64.0	53.0	22.0	-1
238	94.0	104.0	66.0	55.0	22.0	-1
239	93.0	92.0	66.0	56.0	21.0	-1
240	93.0	65.0	73.0	59.0	23.0	-1
241	89.0	61.0	65.0	54.0	25.0	-1
242	92.0	57.0	65.0	42.0	30.0	-1
243	93.0	59.0	65.0	38.0	34.0	+1
244	94.0	68.0	66.0	42.0	37.0	+1
245	95.0	81.0	66.0	47.0	38.0	+1
246	95.0	94.0	66.0	46.0	32.0	+1
247	94.0	98.0	65.0	41.0	28.0	+1
248	94.0	101.0	66.0	39.0	26.0	+1
249	94.0	101.0	65.0	47.0	24.0	-1

Sec.	Roll	Pitch	Torque	Stress	Prop.Reva.	Enc.
300	94.5	95.0	67.0	48.0	28.0	-1
301	97.0	99.5	67.0	58.0	27.5	-1
302	97.0	93.0	68.0	63.0	24.0	-1
303	97.0	77.0	65.0	54.5	23.0	+1
304	97.0	65.0	62.0	40.5	27.0	+1
305	95.0	62.5	64.5	36.0	31.0	+1
306	93.0	72.0	64.0	39.0	32.5	+1
307	88.0	88.0	62.5	50.0	30.5	+1
308	87.0	98.5	66.0	59.0	28.0	+1
309	86.0	96.0	64.0	54.0	26.0	-1
310	87.0	82.5	64.0	46.5	25.0	-1
311	88.0	68.0	65.0	41.0	27.0	-1
312	89.0	64.5	66.5	37.0	30.0	-1
313	94.5	75.0	67.0	43.0	32.0	-1
314	97.0	92.0	70.0	53.5	31.5	-1
315	100.0	95.0	67.0	57.0	29.5	-1
316	100.0	89.0	67.0	54.0	28.5	+1
317	97.0	73.0	66.0	50.0	27.5	+1
318	94.0	64.0	66.0	46.0	27.0	+1
319	93.0	70.0	65.0	37.5	30.0	+1
320	87.5	81.0	68.0	36.0	30.0	-1
321	86.0	95.5	66.0	50.0	29.0	-1
322	85.0	103.0	65.0	61.5	26.0	-1
323	87.0	94.0	66.0	62.0	25.0	-1
324	86.0	53.5	65.0	53.0	25.0	+1
325	96.5	58.0	65.0	45.0	26.0	+1
326	102.0	50.0	66.0	41.0	30.0	+1
327	105.0	64.0	66.0	38.0	36.0	+1
328	104.5	86.0	68.0	42.0	33.0	+1
329	101.0	110.0	72.0	59.0	17.0	-1
330	96.0	116.0	66.0	64.0	20.0	-1
331	92.5	96.0	62.0	58.0	22.0	-1
332	87.0	69.0	63.0	52.0	25.0	-1
333	85.5	51.5	63.0	50.0	28.5	+1
334	86.0	53.5	65.0	40.5	32.0	+1
335	87.5	72.0	64.0	41.0	36.0	+1
336	93.0	91.0	65.0	45.0	31.0	+1
337	94.0	101.0	63.0	50.0	25.0	+1
338	96.0	99.0	67.0	50.0	25.0	+1
339	90.0	96.5	67.0	50.5	25.0	+1
340	95.0	79.0	62.5	48.5	24.0	+1
341	94.0	70.5	68.0	45.5	28.0	-1
342	91.0	68.0	64.0	42.0	30.0	-1
343	88.0	73.0	67.0	41.5	31.0	-1
344	88.0	80.0	65.0	44.0	30.0	-1
345	94.5	88.0	65.0	52.0	30.0	-1
346	94.5	90.0	66.0	55.0	26.0	+1
347	95.0	82.0	65.0	52.0	29.0	-1
348	94.5	74.0	62.0	48.0	29.0	+1
349	94.0	71.0	64.0	43.0	29.0	+1

Sec.	Roll	Pitch	Torque	Stress	Prop.Reva.	Enc.
250	93.0	96.0	66.0	56.0	26.0	-1
251	93.0	87.0	66.0	58.0	26.0	-1
252	92.0	78.0	66.0	46.0	26.0	-1
253	88.0	70.0	66.0	40.0	28.0	-1
254	88.0	67.5	60.0	45.0	30.0	-1
255	92.0	68.0	67.0	51.0	31.0	+1
256	94.0	67.0	61.0	47.0	30.0	+1
257	97.0	71.0	65.0	40.0	31.0	+1
258	102.0	73.0	65.0	40.0	32.0	+1
259	106.0	82.0	70.0	45.0	33.0	+1
260	103.0	94.0	71.0	49.0	30.0	+1
261	101.0	99.0	71.0	51.0	27.0	+1
262	96.0	96.0	66.0	48.0	25.0	+1
263	93.0	87.0	65.0	48.0	26.0	-1
264	87.0	79.0	65.0	46.0	26.0	-1
265	87.0	78.0	63.0	46.0	26.0	-1
266	81.0	79.0	64.0	45.0	28.0	-1
267	87.0	80.0	63.0	43.0	31.0	-1
268	89.0	77.0	63.5	47.0	30.0	-1
269	92.5	77.0	65.0	46.0	29.0	-1
270	93.5	77.0	64.0	43.0	27.0	-1
271	96.0	82.5	65.0	45.0	27.0	-1
272	98.5	82.5	67.0	51.0	29.0	+1
273	101.0	76.0	66.0	54.0	29.0	+1
274	101.0	69.0	67.0	49.0	28.0	+1
275	101.0	68.0	67.0	42.0	29.0	+1
276	99.5	76.0	66.0	41.0	29.0	+1
277	96.0	91.0	61.0	43.0	31.0	+1
278	93.0	109.0	66.0	46.0	24.0	-1
279	87.0	105.0	64.0	47.0	23.0	-1
280	86.0	98.0	62.0	52.0	22.0	-1
281	85.5	87.0	64.0	57.0	22.0	-1
282	86.0	73.0	65.0	50.0	25.0	-1
283	87.5	58.0	64.0	55.0	27.0	+1
284	93.0	49.0	62.0	45.0	31.0	+1
285	96.0	53.0	65.0	37.0	34.0	+1
286	97.0	70.0	67.0	35.0	36.0	+1
287	98.0	92.0	70.0	46.0	27.0	+1
288	98.0	109.0	71.0	56.0	11.0	-1
289	99.0	111.0	70.0	57.0	30.0	-1
290	97.0	96.0	67.0	49.0	23.0	-1
291	96.0	78.0	65.0	48.5	22.5	-1
292	94.0	68.0	64.0	51.0	27.0	-1
293	93.0	68.0	68.0	49.0	30.5	-1
294	86.0	75.0	67.0	46.0	30.5	+1
295	84.0	80.0	65.0	46.0	30.0	+1
296	84.0	79.0	66.0	43.0	31.0	+1
297	85.0	76.0	69.0	40.5	30.5	+1
298	87.0	77.0	67.0	39.0	30.5	-1
299	91.0	89.0	67.0	40.0	29.0	-1

Sec.	Roll	Pitch	Torque	Stress	Prop.Reva.	Enc.
350	93.0	72.0	65.0	40.0	31.0	+1
351	82.0	93.0	66.0	40.0	33.0	+1
352	88.0	93.0	66.0	40.0	27.0	-1
353	88.5	99.0	66.0	43.0	24.0	-1
354	93.0	96.5	65.0	54.0	25.0	-1
355	93.5	82.0	67.0	63.0	25.5	-1
356	94.0	68.0	66.0	61.0	26.5	-1
357	94.0	61.0	66.0	47.5	28.0	+1
358	94.0	63.0	64.0	35.0	30.5	+1
359	93.0	70.0	67.0	37.5	34.0	+1
360	93.0	77.0	70.0	43.0	33.0	+1
361	94.0	88.0	68.0	44.0	29.0	+1
362	95.0	94.0	68.5	45.0	26.0	+1
363	95.0	94.0	67.0	49.0	24.0	-1
364	94.0	94.0	66.0	52.0	24.0	-1
365	93.0	85.0	66.5	47.0	24.0	-1
366	93.0	79.0	64.0	42.0	25.0	-1
367	87.5	76.0	62.0	40.0	26.5	-1
368	87.0	77.0	64.0	56.0	28.0	-1
369	87.0	74.0	64.0	55.0	28.0	-1
370	90.0	68.0	66.0	48.0	28.0	-1
371	94.0	61.0	63.0	40.0	30.0	+1
372	96.0	58.0	63.0	39.0	31.0	+1
373	96.5	68.0	65.0	39.0	32.0	+1
374	98.0	82.0	64.0	40.0	31.0	+1
375	91.5	93.5	66.0	45.0	27.0	+1
376	95.0	104.0	66.0	51.0	22.0	-1
377	92.5	107.0	66.0	57.0	20.0	-1
378	87.0	93.5	67.0	57.0	20.0	-1
379	85.0	76.0	63.0	51.0	22.0	-1
380	84.5	61.5	64.0	46.5	26.0	-1
381	87.0	59.5	65.0	45.0	30.0	-1
382	88.0	61.0	66.0	50.0	32.5	+1
383	93.0	63.0	64.0	51.0	32.0	+1
384	95.0	65.0	65.0	44.0	31.0	+1
385	96.0	65.0</				

Sec.	Roll	Pitch	Torque	Stress	PropReva	Enc.
400	100.0	99.0	69.0	46.5	25.0	+1
401	100.0	110.0	66.0	59.0	21.0	+1
402	96.0	107.5	66.0	62.0	19.0	+1
403	94.0	92.5	64.0	56.0	19.0	-1
404	86.5	69.0	64.0	49.5	22.0	-1
405	83.0	64.0	57.0	45.0	25.0	-1
406	82.0	57.0	64.5	43.0	29.0	-1
407	83.0	63.0	64.0	38.0	33.0	-1
408	85.5	75.0	67.0	41.0	33.0	-1
409	88.0	88.0	64.0	47.0	30.0	-1
410	93.5	96.0	64.0	50.0	27.0	-1
411	96.5	93.0	65.0	54.0	25.0	+1
412	96.0	79.0	65.0	53.0	24.0	+1
413	97.5	68.0	67.0	49.5	27.0	+1
414	96.0	65.0	63.0	38.0	29.0	+1
415	96.0	75.0	64.0	33.0	32.0	+1
416	90.0	93.0	63.0	41.0	30.5	-1
417	87.0	108.0	69.0	55.0	23.0	-1
418	86.0	110.0	62.0	65.0	21.0	-1
419	86.0	93.0	64.0	61.0	20.0	-1
420	87.0	64.0	64.0	54.0	22.0	+1
421	88.0	48.0	65.0	47.0	26.0	+1
422	90.0	49.0	66.0	42.5	30.0	+1
423	93.0	64.0	65.0	37.5	33.0	+1
424	94.0	85.0	68.0	42.0	33.0	+1
425	94.0	100.0	73.0	55.0	26.0	+1
426	94.0	104.0	65.0	53.0	23.0	+1
427	93.0	96.0	65.0	48.0	21.0	+1
428	88.0	84.0	60.0	42.0	21.0	+1
429	88.0	78.0	63.5	47.0	25.0	+1
430	88.0	76.0	66.0	52.5	28.0	-1
431	90.0	77.0	66.0	49.0	29.0	-1
432	93.0	80.0	65.0	42.0	30.0	-1
433	94.0	80.0	65.0	41.0	29.0	-1
434	94.5	85.0	68.0	46.0	29.0	-1
435	94.0	86.0	66.0	36.0	26.0	-1
436	94.0	74.0	64.5	50.0	25.0	-1
437	94.0	78.0	66.0	46.0	26.0	-1
438	93.0	72.0	63.0	49.0	28.0	-1
439	88.0	72.0	64.0	47.5	29.0	+1
440	88.0	75.0	63.0	41.0	28.0	+1
441	92.0	80.0	65.0	36.0	29.0	+1
442	93.0	82.0	63.0	40.0	29.0	+1
443	95.0	85.0	66.0	50.0	28.0	+1
444	96.0	84.0	65.0	58.0	27.0	+1
445	100.0	85.0	64.0	50.0	25.0	-1
446	98.0	85.0	73.0	45.0	25.0	-1
447	95.0	85.0	66.0	46.0	26.0	-1
448	93.0	82.0	68.0	50.0	26.0	-1
449	86.0	78.0	64.0	49.0	26.0	-1

Sec.	Roll	Pitch	Torque	Stress	PropReva	Enc.
500	93.0	68.0	63.0	45.0	25.0	-1
501	87.0	65.0	65.0	42.0	29.0	-1
502	86.0	71.0	63.0	49.0	30.0	+1
503	85.0	77.0	68.0	51.0	31.0	+1
504	86.0	79.5	66.0	45.0	28.0	+1
505	88.0	79.0	67.0	35.0	29.0	+1
506	93.0	86.0	68.0	40.0	27.0	+1
507	94.0	95.0	68.0	53.0	26.0	-1
508	96.0	103.0	66.0	55.0	26.0	-1
509	96.0	96.0	66.5	50.0	23.0	-1
510	95.0	82.5	64.0	46.0	22.0	-1
511	94.0	69.0	65.0	53.0	24.0	-1
512	95.0	64.0	65.0	57.5	28.0	+1
513	94.5	62.0	67.0	53.0	30.0	+1
514	93.5	52.0	66.0	40.0	30.0	+1
515	88.0	70.0	66.0	32.5	31.0	+1
516	87.0	82.0	69.0	33.0	32.0	+1
517	87.0	97.5	68.5	42.0	28.0	+1
518	87.0	108.0	66.0	59.0	24.0	+1
519	88.0	107.0	65.0	65.0	22.0	-1
520	88.0	92.0	65.0	58.0	19.0	-1
521	88.0	107.0	65.0	65.5	21.5	-1
522	88.0	107.0	65.0	65.0	21.5	-1
523	88.0	66.0	66.0	58.5	19.0	+1
524	93.0	64.0	64.0	48.0	20.0	+1
525	94.0	59.0	64.0	45.0	29.0	+1
526	94.5	71.0	67.0	46.0	32.0	+1
527	96.0	86.0	66.0	42.0	32.0	-1
528	94.5	93.0	68.0	42.0	30.0	-1
529	93.5	93.5	67.0	46.0	26.0	-1
530	93.0	92.0	65.0	55.0	25.0	+1
531	90.0	82.0	65.0	53.5	24.0	+1
532	88.0	73.0	64.0	47.0	24.0	+1
533	88.0	69.0	64.0	42.0	27.0	+1
534	90.0	72.5	64.0	40.0	30.0	+1
535	93.0	82.0	65.0	45.0	31.0	+1
536	94.0	91.0	64.0	51.0	28.0	-1
537	94.0	94.0	67.0	53.0	26.0	-1
538	94.5	92.0	65.0	47.5	24.0	-1
539	94.0	80.0	65.0	42.0	22.5	-1
540	93.0	73.0	63.0	46.5	24.5	-1
541	93.0	71.0	66.0	50.0	26.0	-1
542	92.5	70.0	63.0	49.0	28.0	+1
543	93.0	72.5	64.0	45.0	30.0	+1
544	93.0	76.5	66.0	45.0	29.0	+1
545	93.5	79.5	65.0	47.0	28.0	+1
546	93.0	82.0	64.0	48.0	27.0	+1
547	93.5	82.0	64.0	44.0	26.0	+1
548	94.0	82.0	65.0	42.0	25.0	-1
549	94.0	86.0	64.5	42.0	25.5	-1

Sec.	Roll	Pitch	Torque	Stress	PropReva	Enc.
450	83.0	71.0	63.0	47.5	25.0	+1
451	84.0	67.0	63.0	40.0	27.0	+1
452	87.0	67.0	66.0	41.0	30.0	-1
453	93.0	76.0	66.0	47.0	29.0	-1
454	95.0	85.0	76.0	48.0	28.0	-1
455	96.0	86.0	67.0	47.0	27.0	-1
456	100.0	81.0	67.0	41.0	26.0	+1
457	101.0	81.0	66.0	41.0	25.0	+1
458	102.0	89.0	64.0	46.5	25.5	-1
459	101.0	94.0	65.0	59.0	26.0	-1
460	95.0	92.0	67.0	68.0	26.0	+1
461	93.5	77.0	65.0	56.0	25.0	+1
462	87.0	63.0	63.0	37.0	27.0	+1
463	84.0	58.0	66.0	29.0	30.0	+1
464	83.0	70.0	65.0	42.0	32.0	+1
465	84.0	91.5	66.0	53.0	28.0	+1
466	99.0	87.0	67.0	55.0	25.0	+1
467	92.0	94.0	67.0	49.0	23.0	+1
468	94.0	77.0	63.0	39.0	22.0	-1
469	95.0	67.0	65.0	45.0	25.0	-1
470	98.0	70.0	66.0	50.0	28.0	-1
471	100.0	80.0	64.0	50.0	29.0	-1
472	97.0	87.0	67.0	49.0	28.0	-1
473	96.0	89.0	68.0	47.0	28.0	-1
474	94.0	84.0	65.0	49.0	29.0	-1
475	87.0	78.0	67.0	44.0	27.0	-1
476	86.0	74.0	65.0	46.0	25.0	+1
477	84.0	74.0	62.0	48.0	27.5	+1
478	85.0	72.0	66.0	42.0	30.0	+1
479	87.0	76.0	65.0	38.0	29.0	+1
480	92.0	83.0	65.0	39.0	29.0	-1
481	94.0	94.0	66.0	46.5	28.0	-1
482	97.0	94.0	68.0	53.5	27.5	-1
483	100.0	87.0	67.0	59.0	24.0	+1
484	101.0	77.0	66.0	56.0	23.5	+1
485	99.0	65.0	63.0	47.0	25.0	+1
486	94.0	62.0	66.0	38.0	27.0	+1
487	91.0	68.0	65.0	39.0	29.5	+1
488	87.0	81.0	64.0	45.0	31.0	-1
489	86.0	94.0	63.0	57.0	28.0	-1
490	86.0	96.0	65.0	55.0	25.0	-1
491	87.0	84.0	65.0	46.0	25.0	-1
492	87.0	70.0	63.0	41.0	23.0	+1
493	93.5	65.0	63.5	41.5	26.0	+1
494	96.0	71.0	62.0	45.0	29.0	+1
495	99.0	83.0	66.0	46.0	29.5	-1
496	102.0	94.0	66.0	50.0	27.0	-1
497	102.0	97.0	66.0	51.0	26.0	-1
498	101.0	88.0	66.0	52.0	24.5	-1
499	96.0	77.0	66.0	50.0	23.5	+1

Sec.	Roll	Pitch	Torque	Stress	PropReva	Enc.
550	93.0	91.5	59.0	46.0	26.0	-1
551	93.5	94.0	68.0	52.0	25.0	-1
552	88.0	92.0	66.0	51.0	23.0	-1
553	86.0	82.0	64.5	47.0	20.0	-1
554	86.0	70.0	63.0	49.0	23.0	-1
555	87.0	63.0	65.5	51.5	26.0	-1
556	93.0	63.0	67.0	47.0	29.0	+1
557	96.0	68.0	66.5	43.0	30.0	+1
558	101.0	77.0	69.0	42.0	31.0	+1
559	101.0	86.0	67.0	43.0	29.0	+1
560	101.0	94.0	68.0	42.0	27.0	+1
561	100.0	101.0	67.5	41.5	24.0	-1
562	97.0	103.5	67.5	52.0	21.0	-1
563	95.0	100.0	66.0	63.0	21.0	-1
564	93.0	84.0	65.0	65.0	21.0	-1
565	87.0	65.0	64.0	53.0	22.0	-1
566	87.0	56.0	62.0	42.0	26.0	+1
567	84.0	58.0	61.0	37.0	30.0	+1
568	85.0	69.0	63.0	37.5	32.0	+1
569	87.0	84.0	65.0	39.0	29.0	+1
570	94.0	97.5	65.0	39.0	24.0	-1
571	96.0	106.0	66.0	47.0	21.0	-1
572	101.0	106.0	65.0	62.0	18.0	-1
573	100.0	93.0	64.0	70.0	18.0	-1
574	100.0	74.0	65.0	61.0	20.0	-1
575	95.0	58.0	65.0	46.0	22.0	+1
576	87.5	53.0	62.5	36.0	28.0	+1
577	84.0	64.0	60.0	39.0	31.0	+1
578	82.0	87.0	69.0	51.0	27.0	+1
579	82.0	103.0	61.0	50.0	18.0	-1
580	83.0	103.0	65.0	44.0	20.0	-1
581	86.0	86.0	65.0	44.0	22.0	-1
582	92.5	73.0	64.0	46.0	22.0	+1
583	96.5	69.0	65.0	51.0	23.0	+1
584	103.0	74.0	67.0	51.5	25.0	+1
585	106.0					

Sec.	Roll	Pitch	Torque	Stress	PropReva	Enc.
600	101.0	101.0	68.0	51.0	24.0	-1
601	96.0	104.0	67.0	51.0	22.0	-1
602	91.0	94.0	66.0	48.0	19.0	-1
603	84.0	81.0	65.0	51.5	21.0	+1
604	82.0	71.0	66.0	54.0	23.0	+1
605	81.0	65.0	63.0	50.0	26.0	+1
606	83.0	64.5	64.0	39.0	27.0	-1
607	86.5	69.0	64.0	37.0	29.0	-1
608	93.0	78.0	62.0	47.0	29.0	-1
609	96.0	87.0	68.0	56.0	29.0	+1
610	100.0	92.0	68.0	54.0	25.0	+1
611	101.0	89.0	65.0	44.0	22.5	+1
612	99.0	83.0	68.0	39.0	24.0	+1
613	96.0	82.5	68.0	42.5	24.0	+1
614	94.0	91.5	64.5	50.0	24.0	-1
615	87.0	94.0	63.0	52.5	24.0	-1
616	86.0	91.5	63.0	49.0	22.0	-1
617	85.0	80.0	64.0	49.0	21.0	-1
618	86.0	66.0	63.0	51.0	23.0	+1
619	88.0	60.0	63.0	53.0	26.0	+1
620	94.5	59.0	62.0	45.0	30.0	+1
621	97.0	73.0	66.0	36.5	30.0	+1
622	100.0	92.0	67.0	41.0	28.0	+1
623	101.0	107.0	64.0	52.0	18.0	-1
624	100.0	112.0	62.0	58.0	16.0	-1
625	98.0	101.0	64.0	52.5	17.0	-1
626	95.0	82.0	68.0	48.0	20.0	-1
627	93.0	68.0	65.0	49.0	23.0	-1
628	87.0	67.0	64.0	47.0	24.0	+1
629	84.0	73.0	63.0	47.0	25.0	+1
630	83.0	77.0	63.0	44.5	27.0	-1
631	86.0	77.0	64.0	44.0	28.0	-1
632	88.0	75.0	67.0	45.0	27.0	-1

Table 4.4 Measuring time, mean values, calibration constants and so on

T. No. 11

	Roll	Pitch	Torque	Stress	Prop. Revo	Enc.
測定時間(秒)	366	366	366	366	366	—
平均値(mm)	102.9	96.9	69.0	58.0	18.6	—
Calibration constant	deg/mm 0.323	deg/mm 0.139	ton·m/mm -1.46	kg·mm ⁻² /mm 0.145	rpm/mm -1.06	—
O点の位置(mm)	—	—	105.5	—	108.5	—

T. No. 109

測定時間(秒)	578	578	569	578	578	578	
平均値(mm)	a※	91	80.1	58.4	49.4	15.3	0
	b			58.7		15.4	
	c			58.5		18.9	
Calibration constant	deg/mm 0.323	deg/mm 0.139	ton·m/mm -1.42	kg·mm ⁻² /mm 0.145	rpm/mm -1.08	—	
O点の位置(mm)	—	—	103.5	—	107.0	0	

※ Torque に対しては
 a (9~199秒間)
 b (200~400秒間)
 c (400~577秒間)

Prop. Revo. に対しては
 a (0~200秒間)
 b (201~399秒間)
 c (400~577秒間)

T. No. 110

測定時間(秒)	578	543	728	728	728	601
平均値(mm)	97.5	81.7	71.6	45.6	33.6	0
Calibration constant	deg/mm 0.323	deg/mm 0.139	ton·m/mm -1.43	kg·mm ⁻² /mm 0.145	rpm/mm -1.08	—
O点の位置(mm)	—	—	97	—	106.5	0

T, No. 111

測定時間(秒)	633	633	567	597	633	598
平均値(mm)	92.6	80.5	65.9	47.4	23.0	0
Calibration constant	deg/mm 0.323	deg/mm 0.139	ton·m/mm -1.49	kg·mm ⁻² /mm 0.145	rpm/mm -1.12	—
O点の位置(mm)	—	—	102.9	—	109.5	0

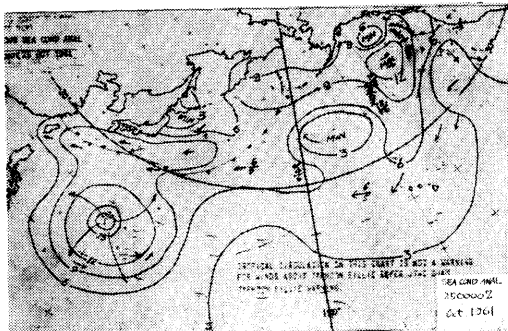


Fig. 4-1 Sea Condition Analysis Chart, 250000Z, Oct. 1961

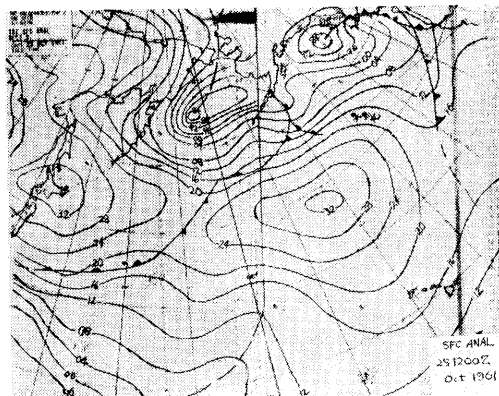


Fig. 4-4 Surface Analysis Chart, 251200Z, Oct. 1961

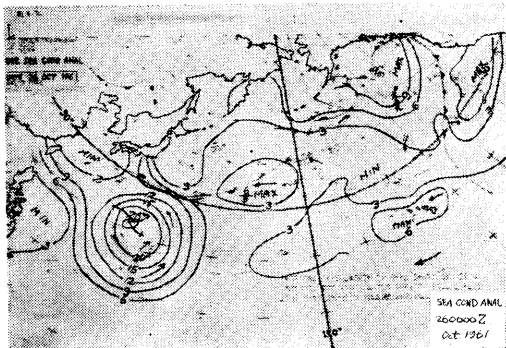


Fig. 4-2 Sea Condition Analysis Chart, 260000Z, Oct. 1961

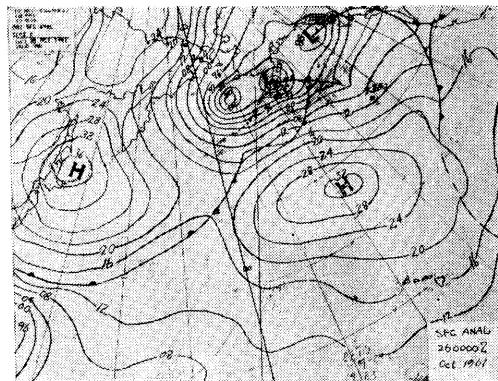


Fig. 4-5 Surface Analysis Chart, 260000Z, Oct. 1961

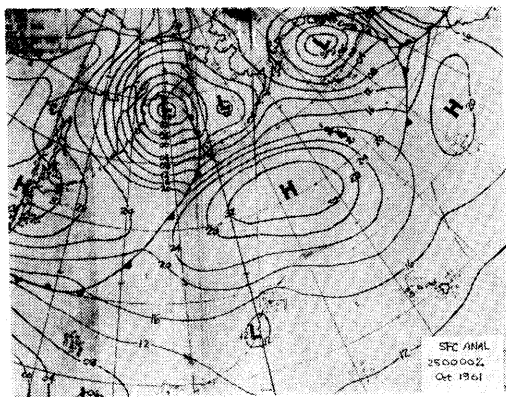


Fig. 4-3 Surface Analysis Chart, 250000Z, Oct. 1961

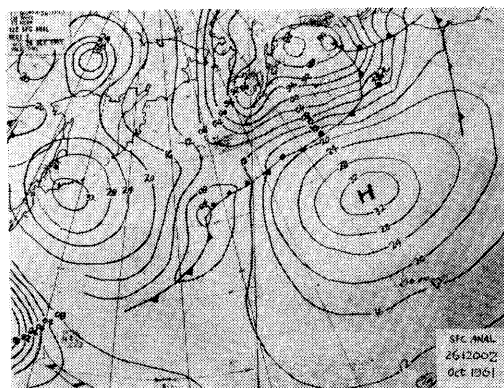


Fig. 4-6 Surface Analysis Chart, 261200Z, Oct. 1961

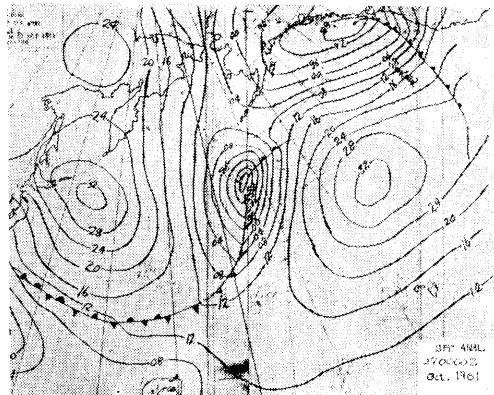


Fig. 4·7 Surface Analysis Chart, 270000Z, Oct, 1961

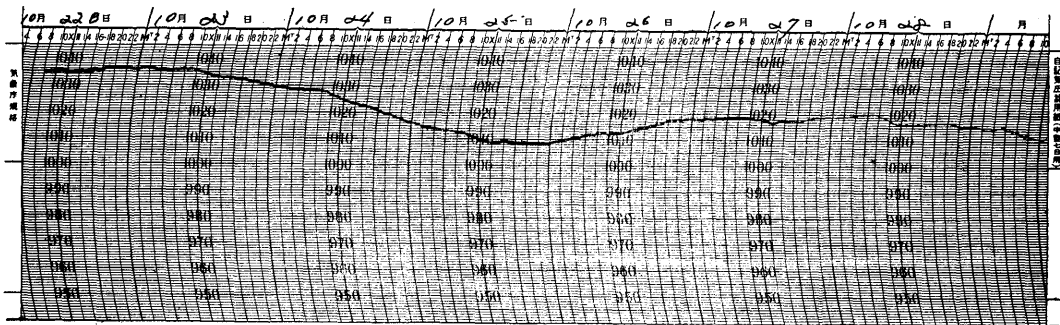


Fig. 4·8 Variation of atmospheric pressure

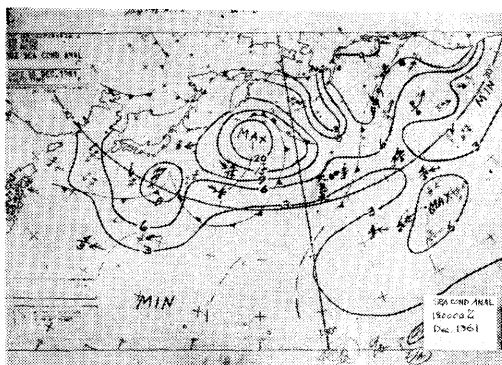


Fig. 4·9 Sea Condition Analysis Chart, 180000Z, Dec, 1961

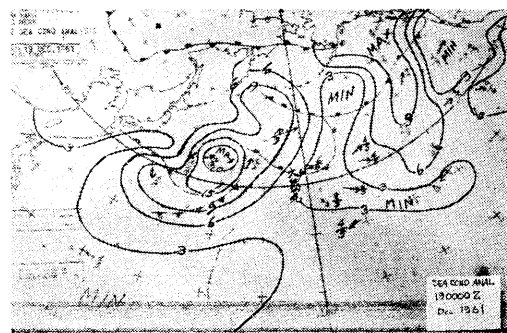


Fig. 4·10 Sea Condition Analysis Chart, 190000Z, Dec, 1961

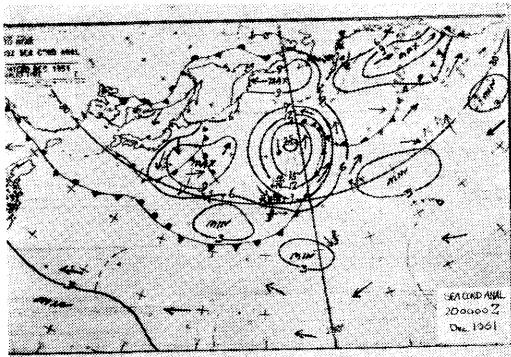


Fig. 4 • 11 Sea Condition Analysis Chart, 200000Z, Dec. 1961

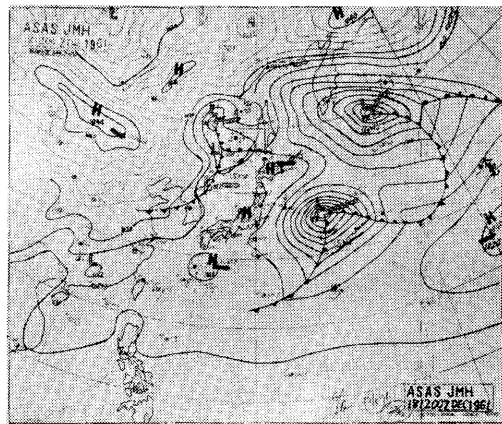


Fig. 4 • 14 Surface Analysis Chart, 181200Z, Dec. 1961

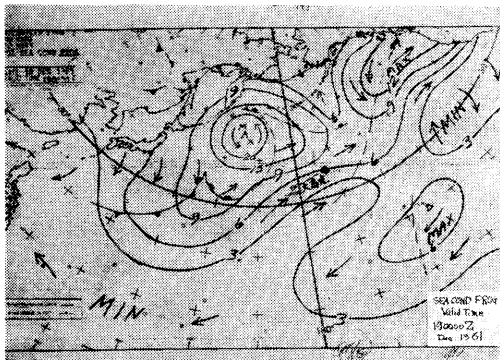


Fig. 4 • 12 Sea Condition Prognotics Chart, valid time 190000Z Dec. 1961

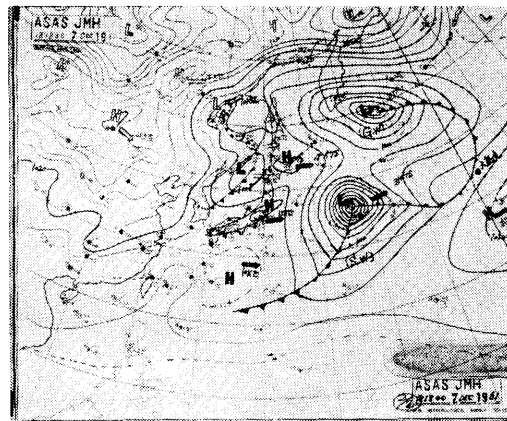


Fig. 4 • 15 Surface Analysis Chart, 181800Z, Dec. 1961

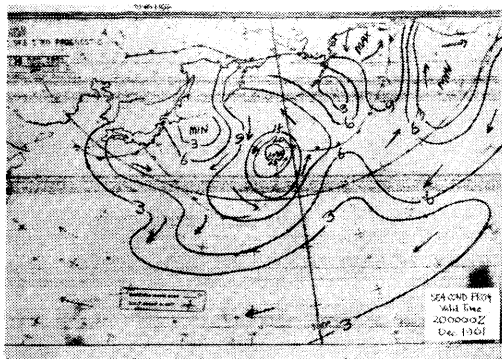


Fig. 4 • 13 Sea Condition Prognotics Chart, valid time 200000Z Dec. 1961

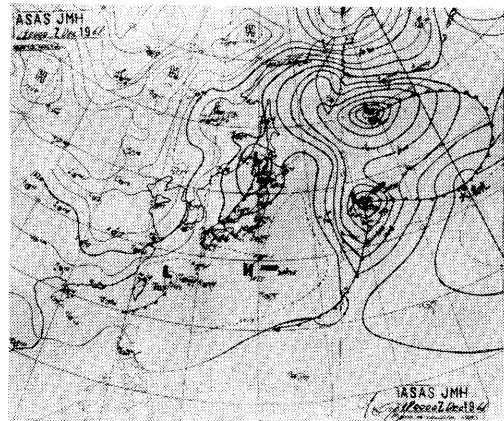


Fig. 4 • 16 Surface Analysis Chart, 190000Z, Dec. 1961