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MODEL CODE FOR DESIGN OF FLOATING PLATFORMS:

Phase I - Probabilistic Modeling
Final Report

Prepared for

Conoco, Inc.
P.O. Box 2197
Houston, Texas 77252

by

Risk Engineering, Inc.
5255 Pine Ridge Road
Golden, Colorado 80403

December 19, 1992

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INTRODUCTION

This report documents the results from the first phase of a study to develop probability-based code design equations for the global limit states of tension leg platforms (TLPs). This first phase consists of the calculation of cumulative distributions of the main global responses (i.e., maximum offset, maximum tension, minimum tension, and air gap), and the calculation of failure probabilities due to combined tension and bending, for three hypothetical platforms with characteristics similar to those of existing platforms. These calculations explicitly consider the time-variant nature of TLP behavior during severe storms; separate terms are used to model the major components of TLP time-variant response (i.e., first- and second-order wave-induced, and wind-induced).

The three platforms considered are referred to as Gulf of Mexico Steel (GMS), North Sea Steel (NSS), and North Sea Concrete (NSC). These platforms have characteristics similar, but not identical, to those of the Jolliet, Hutton, and Heidrun[1] platforms. All calculations are performed for the environmental conditions of the Gulf of Mexico.

The second phase of this study will utilize the results obtained here, together with similar results for hypothetical platforms generated by scaling, to develop code design equations for offset, minimum tension, air gap, and combined axial, bending and hydrostatic stresses. Results from this second phase will be documented in a separate report.

This report begins with a description of the environmental data and equations for the response quantities used as input for this study, followed by a description of the methodology employed for the probability calculations. Results are presented in three parts, as follows: (1) cumulative distributions of the global limit states distributions, cumulative distributions of the global limit states including subjective uncertainties, and (3) failure probabilities under combined bending and tension.

PROBABILISTIC CHARACTERIZATION OF THE ENVIRONMENT

The joint probabilistic description of environmental quantities during severe storms in the Gulf of Mexico was developed by Exxon Production Research Company (EPR), using data obtained as part of the GUMSHOE project. This probabilistic description consists of an annual rate of storm occurrence and a joint probability distribution of the significant wave height, wave peak period, wind speed, current speed, and directionality characterizing the strongest 1-hour of each severe storm. This joint distribution is expressed as a product of marginal and conditional

[1]The characteristics of the NSC TLP correspond to a pre-engineering configuration of Heidrun TLP and not to the current configuration.

distributions. The following is a list of these distributions, describing these distributions and the functional forms for their parameters[2]:

- The annual rate of severe storms λ. Severe storms are defined as those with H_S greater than some value H_0.
- Significant Wave Height H_S: 3-parameter Weibull (defined for values of $H_S > H_0$: the value of H_S associated with the storm-occurrence rate λ).
- Peak wave period $t_p|H_S$: normal with mean $\mathbf{aH_S^b}$ and constant coefficient of variation (COV).
- Wave Direction θ_v: normal with constant mean and standard deviation (directions are measured from the north, following a clockwise direction).
- Wind Velocity $V_w|H_S$: normal with mean $\mathbf{a+bH_S}$ and constant COV.
- Wind Direction $\theta_w|\theta_v$: normal with mean $\mathbf{a+b\theta_w}$ and constant standard deviation.
- Current Speed $V_c|H_S,V_w$: normal width mean[3] $\mathbf{a+bH_S+cV_w}$ and constant COV.
- Current Direction $\theta_c|\theta_V$: normal with mean $\mathbf{a+b\theta_V}$ and constant standard deviation.
- Storm Surge S: taken as a deterministic function of H_S.
- Tide T: uniform and independent of other environment variables.

All these relationships were developed using data from the strongest one-hour period (i.e, the one-hour period with the highest H_S) in each storm. In addition, it was found that the H_S from the strongest 3-hour period is (on average) 98% of the H_S during the strongest one-hour period, indicating that conditions are nearly stationary during the strongest three-hour period. We assume that the relationships above apply to the strongest three-hour period within each storm and that the environmental variables remain constant during that period. In addition, we do not consider times prior to or following this strongest three-hour period.

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[2] We do not list the actual parameters of these distributions because this information is proprietary to Exxon Production Research Company.

[3] The term cV_W introduces correlation between V_w and V_c, given H_S.

RESPONSE QUANTITIES

For the purpose of this study, most response quantities are characterized by explicit equations that predict the value of the response quantity as a function of the environment variables [e.g., static offset = f(H_S, T_p, V_w, etc.)]. These equations were developed by Offshore Systems Analysis Corporation (OSAC), by regressing calculated response quantities on environmental inputs. This approach is often referred to as the "response surface" approach.

OSAC performed calculations for the three platforms considered in this study, obtaining one set of results for each platform (results for the three platforms differ only in their coefficients; the functional forms are the same). Time-variant (i.e., dynamic quantities) are characterized by their root-mean-square (rms) values, zero-crossing frequencies, and bandwidth parameters (bandwidth information is not used in this phase). The residual standard deviations--which measure the error associated with using these regressions instead of a more detailed mathematical model of the response--are generally small and are neglected (except for moment-induced tension and for dynamic tension due to surge and pitch). Statistical uncertainties in the coefficients are not reported by OSAC and are not considered here.

The following is an overview of the equations used to calculate the response quantities considered for each limit state. Only the functional dependencies are provided; the reader is referred to OSAC, 1992, for functional forms and coefficients. For those response equations that were refined by OSAC subsequent to that report, the equations and coefficients are included here.

Response Quantities for Offset

The offset X(t) depends on the static offset X_s and the following dynamic offsets: first-order wave-frequency offset $X_{1V}(t)$, offset due to low-frequency wind $X_{lfw}(t)$, and offset due to second-order wave effects $X_{2V}(t)$.

The static offset is calculated using a two-step procedure as follows:

1. Calculate the resultant of the static horizontal forces due to wind (=cfw V_w^2), current (=1.2cfc V_c^2; where the factor of 1.2 reflects current-induced horizontal forces on tendons and risers) and wave drift [=$(c_0 + c_1 f_p + c_2 f_p^2 + c_3 f_p^3 + c_4 f_p^4) H_S^2$], where $f_p=(t_p)^{-1}$. These forces are added as vectors, considering their respective orientations.

2. Solve for the static offset by considering static equilibrium of the TLP hull, considering the hull's waterplane stiffness k_z, and assuming infinite axial stiffness of the tendons.

Parameters cfw, cfc, and k_z are reported in OSAC (1992). Coefficients c_0 through c_4 are provided in Table 1 (source: M. Spillane, OSAC, telefax of September 16, 1992).

TABLE 1
Coefficients for Wave Drift Force

Coefficient	GMS	NSS	NSC
c_0	-9.3951	-3.9028E1	3.4931E1
c_1	4.7413E2	1.8195E3	-2.2090E3
c_2	-8.9303E3	-3.1363E4	4.5944E4
c_3	7.7437E4	2.5653E5	-3.3010E5
c_4	-2.1672E5	-7.1253E5	7.98906E5

The first-order wave frequency offset has rms and zero-crossing periods of the form:

$$X_{1V,\ rms} = f(H_S, f_p) \tag{1}$$

$$t_{Z,X1V} = f(t_p) \tag{2}$$

The low-frequency wind-induced offset and the second-order-wave offset have zero crossing periods equal to the surge period (not dependent on the environment). The corresponding rms amplitudes are:

$$X_{lfw,rms} = f(V_W^2, X_S) \tag{3}$$

$$X_{2V,rms} = f(H_s^2, f_p) \tag{4}$$

Response Quantities for Maximum and Minimum Tension

The tension T(t) depends on the static tension T_S (due to pretension and setdown), the moment-induced static tension T_{mom} (due to direct action of mean forces on the TLP hull), the first-order wave-frequency tension $T_{1v}(t)$, the second-order-wave tension $T_{2v}(t)$, and the wind surge-pitch tension $T_{w,s\text{-}p}(t)$.

The static tension consists of the pretension (deterministic, see OSAC, 1992) plus the set-down tension T_{sd}. The set-down tension is calculated as:

$$T_{sd}=k_z n_{ten}\left[L-\sqrt{L^2-X_s^2}\right] \tag{5}$$

where k_z is the waterplane stiffness, n_{ten} is the total number of tendons, L is the tendon length, and X_s is the static offset.

The tension due to static moments T_{mom} is dominated by the wind-induced overturning moments on the TLP hull. It is calculated by the expression:

$$T_{mom} = f\,[V_W^2,\ \cos(\theta_W-\theta_i)] \tag{6}$$

where θ_i is the orientation of the TLP corner for which the tension is calculated.

The first-order wave-frequency tension has rms amplitude and zero-crossing period of the form

$$T_{1V,rms} = f\,[H_S,\ \cos(\theta_V-\theta_i)] \tag{7}$$

$$t_{Z,X1V} = f(t_p) \tag{8}$$

The second-order offset-induced tension T_{2v} is proportional to the second-order wave offset. It takes the form:

$$T_{2v}(t) = X_{2v}(t)\,f\,[X_s,\cos(\theta_V-\theta_W)] \tag{9}$$

The wind surge-pitch tension is related to T_{mom} and has an rms value of the form:

$$T_{W,S-P,rms}=f\,[V_W^2,\ \cos(\theta_W-\theta_i)] \tag{10}$$

OSAC did not calculate zero-crossing period for this tension. A value equal to one half the surge period is used in the calculations. This value has a negligible effect on the calculations, because other time-variant quantities have derivatives with much higher rms values.

METHODOLOGY FOR PROBABILISTIC ANALYSIS

We calculate failure probabilities and exceedance probabilities using procedures based on the FORM/SORM methodology (Madsen et al., 1986). FORM/SORM methods are used to calculate the probability of failure during a storm with given values of the environment variables (the inner loop problem) and to integrate over the environment variables and the occurrence model to obtain the annual probability of failure or the annual probability of exceedance (outer-loop problem).

All calculations were performed using Risk Engineering's RELACS (RELiability Analysis of Components and Systems) code.

Outer Loop

The annual probability of failure is written as:

$$P_f = 1 - \exp\{-\lambda\ E_{Environment}[P_f\ (1 storm | Environment)]\} \tag{11}$$

Where λ is the annual rate of severe storms, $E_{Environment}$ [ ] indicates expectation over all environmental quantities (e.g., H_S, t_P, V_w, etc.), and P_f (1 storm|Environment) is the probability of failure given 1 storm with given environmental parameters (this probability is calculated in the inner loop). This equation assumes that the occurrence of severe storms follows a Poisson process. P_f may also refer to the annual probability that a response quantity (e.g., maximum tension) exceeds a value of interest.

Because λ is approximately 0.1 and the expectation is smaller than 1, one can linearize the exponential in equation, yielding

$$P_f \approx \lambda E_{Environment}[P_f(1\ storm | Environment)] \tag{12}$$

To evaluate the expectation over the environment variables, we use a formulation by Wen and Chen (1987), which transforms the expectation of a probability into a domain integral suitable for application of FORM/SORM methods. Under this formulation,

$$E_{Environment}[P_f\ (1 storm | Environment)] = P[U_{aux} - \Phi^{-1}[P_f(1 storm | Enviroment)] < 0] \tag{13}$$

where U_{aux} is an auxiliary standard normal random variable and Φ^{-1} denotes the inverse normal cumulative distribution.

Considering the right-hand side of Equation 13, we note that the expectation problem has been

transformed into a FORM/SORM problem where the random variables are the environmental variables plus the auxiliary variable and the limit-state function is as follows:

$$g(Environment, U_{aux}) = U_{aux} - \Phi^{-1}[P_f\ (1storm|Environment)] \tag{14}$$

Use of SORM (instead of FORM) was required for these calculations, due to the large curvature of the limit-state function of the Wen-Chen formulation. The accuracy of the SORM formulation was tested against simulation results, using both importance sampling and Monte Carlo.

Inner Loop

The inner loop calculates the probability of failure during a storm, for given values of the environment quantities (which translate into given values of static responses, rms values, angles, etc.). Assuming that the environment quantities and the rms values of the dynamic responses remain constant during the strongest portion of the storms, and assuming that failures (or crossings of the value of interest) follow a Poisson process, this probability is given by:

$$P_f(1storm|Environment) = 1 - \exp[-\nu_{f|Environment} T] \tag{15}$$

where $\nu_{f|Environment}$ is the mean rate of failures or out-crossings (given the environment) and T is the storm duration.

The failure or out-crossing rate is evaluated as a FORM/SORM problem following the formulation by Hagen and Tvedt (1990), which evaluates this rate as a FORM/SORM system sensitivity problem; i.e.,

$$\nu_{f|1\ storm} = \frac{d}{d\theta}\{P[\dot{g}(t)<0 \cap g(t)+\theta\dot{g}(t)<0]\}_{\theta=0} \tag{16}$$

where θ is a dummy variable, g(t) is the value of the limit state function at time t(g<0 indicates failure or exceedance of a response value of interest), and $\dot{g}(t)$ is its time derivative[4]. Calculation of $\nu_{f|1\ storm}$ requires the evaluation of three different FORM/SORM problems, but

[4] $\dot{g}(t)$ is obtained from $g(t)$ by applying the chain rule of differentiation; i.e., $\dot{g}(t) = \sum_i \frac{\partial}{\partial X_i} g[X(t)]\, \dot{X}_i(t)$

it does not require the calculation of any probabilities of unions or intersections[5].

This formulation requires specification of the joint distribution of the time-variant quantities **X**(t) (e.g., first-order wave-frequency offset) and their time derivatives $\dot{X}(t)$. All time-variant quantities were assumed to be normal random processes[6]. Therefore, their probabilistic characterization consists of the specification of the rms values and correlation coefficients of **X**(t) and $\dot{X}(t)$. The rms values are computed using OSAC's equations (as functions of the environment quantities). Correlation coefficients were generally assumed equal to zero, except in a few cases (to be described later) where full correlation (between two quantities and between their derivatives) is more appropriate.

The Hagen-Tvedt formulation allows for limit-state functions that are non-linear in **X(t)**. We use non-linear limit-state functions when required by the nature of the problem (the latter was the case for offset, air gap, and combined tension and bending). In all instances, the inner-loop limit-state functions are fairly linear in the neighborhood of the design point. We used SORM for the inner loop calculations, although FORM would have been adequate.

Independent calculations were performed to test the accuracy of RELACS's implementation of the Hagen-Tvedt formulation.

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[5] In the RELACS code, the evaluation of Equation 16 is performed as follows. The intersection probability in Equation 16 is written (after linearization of the limit-state functions) as a bivariate normal CDF; i.e., $\Phi[-\beta_1,-\beta_2(\theta);\rho(\theta)]$, where β_1 and $\beta_2(\theta)$ are the safety indices of the two "components" in Equation 16, and $\rho(\theta)=\sum_i \alpha_{1,i}\,\alpha_{2,i}(\theta)$ is the correlation coefficient associated with their director cosines. The derivatives of this bivariate normal CDF with respect to β_2 and ρ are evaluated using equations in Appendix I of Hagen and Tvedt (1990), without calculation of unions or intersections. In addition, the derivatives of β_2 and ρ with respect to θ are evaluated (as one-sided finite difference approximations) using the safety indices and director cosines obtained by solving the FORM problem $P[g(t)+\theta\dot{g}(t)<0]$ with $\theta=0$ and with θ much smaller than the zero-crossing periods of the time-variant quantities. These two sets of derivatives are then combined using the chain rule of differentiation, obtaining an approximation to the desired derivative.

[6] More realistic distribution models will be considered in a later phase of this study.

TASK-1 CALCULATIONS AND RESULTS: CUMULATIVE DISTRIBUTIONS OF GLOBAL LIMIT STATES

This section documents the limit-state functions and problem-specific assumptions that we use for the limit states considered in Task 1 (i.e., maximum offset, maximum tension, minimum tension, and air gap). This section also documents results, in the form of figures showing annual exceedance probabilities for given values of the peak response. Additional tabular results are contained in Appendix A.

Offset

In the offset calculations, we consider the orientations of the various components of offset. The static offset is assumed to have the same orientation as the wind (recall that the environment model treats the wind, wave and current headings as random variables).

The offset in the wind direction and in the direction perpendicular to the wind are given by

$$X_{wind\ dir}(t)=X_s+X_{lfw}(t)+[X_{1V}(t)+X_{2V}(t)]\cos(\theta_V-\theta_W) \tag{17}$$

$$X_{perpend.}(t)=[X_{1V}(t)+X_{2V}(t)]\sin(\theta_V-\theta_W) \tag{18}$$

The limit-state function is given as

$$g(t)=x_o-\sqrt{X_{winddir.}(t)^2+X_{perpend.}(t)^2} \tag{19}$$

where x_0 is the offset of interest[7], for which we wish to calculate the annual exceedance probability. Instead of the above form, we use the equivalent "squared" form

$$g(t)=x_o^2-[X_{winddir.}(t)^2+X_{perpend.}(t)^2] \tag{20}$$

which was found to exhibit better convergence in the importance-sampling calculations.

Results for the three platforms, are shown in Figures 1 through 3. Results for exceedance probabilities near 10^{-1} are unconservative, due to lower-end truncation in the distribution of H_S (i.e, storms with $H_S<H_0$ are not considered). Tabular results are given in Appendix A, in the form of three tables per platform. The first table shows the values of the outer-loop random variables (i.e., the environmental quantities) at the design point. The second table shows the

[7]Note that the square root in Equation 19 represents the maximum offset regardless of direction. In other words, the limit-state function for offset is circular.

corresponding importance factors (i.e., the α vector). The third table shows the values of response quantities (i.e., static responses, rms values of dynamic responses) at the design point.

The tables of random variables indicate that the 100-yr value of offset is associated with approximately the 50-year value of H_S. Also, the wind and wave directions at the design point are nearly coincident, resulting on an inner-loop limit-state function that is nearly linear in the time-variant random quantities. The corresponding peak factor (i.e., the ratio of peak value to rms) for the combined time-variant response is approximately 3.5, which corresponds to a value of approximately -1.5 of the auxiliary random variable. These observations are also valid for maximum tension, and minimum tension.

In the tables of importance factors, a large importance factor indicates that an outer-loop random quantity is probabilistically important. The large importance factors for H_S do not necessarily indicate that waves dominate the static offset. This is because the wind and current velocities were specified conditionally on H_S and their importance in the calculations contribute to the high importance factor of H_S. The importance factor associated with the auxiliary random variable represent the probabilistic importance of the short-term random quantities (i.e., the quantities in the inner loop).

The tables of response quantities show the values at the design point of the most important characteristics of TLP response during a storm; i.e., the static offset and the rms values of the three time-variant offsets. Less important characteristics such as the rms values of derivatives are not included in these tables. These tables indicate that the most important contributors to maximum offset are the static offset and the low-frequency wind-induced dynamic response.

Maximum Tension

In the maximum and minimum tension calculations, we consider the tendons attached to one specific TLP column, specified through θ_i, the orientation of the column diagonal. Tensions associated with moments (i.e., T_{mom}, $T_{1V}(t)$, and $T_{w,s\text{-}p}$) depend on the angle between the column diagonal and the wind or wave direction. This directional effect is already included through the cosine terms in Equations 6, 7, and 10. In contrast, tensions associated with pretension and setdown are the same for all tendons.

Because the average directions of wind and waves are approximately -90° (i.e., due West), we assume that one of the TLP column diagonals is oriented east-west and we consider one of the tendons attached to the up-weather (or east) column. Thus, the cosine terms in equations 6, 7, and 10 will be near their maximum at the design point.

The equation for the limit-state function is

$$g(t)=T_{\max,0}-[T_S+T_{mom}+T_{1V}(t)+T_{2V}(t)+T_{w,s-p}(t)] \tag{21}$$

where $T_{max,0}$ is the tension of interest (i.e., the tension for which we wish to evaluate the exceedance probability).

Results for the three platforms are shown in Figures 4 through 6. Tabular results are presented in Appendix A, following the same format used for maximum offset. The tables of response quantities indicate that the most important contributors to maximum tension are first-order wave-induced dynamic tension, the setdown tension, and the static wind-induced moment. The

Additional calculations were performed to investigate the sensitivity to small changes in the TLP orientation, by considering a TLP orientation that coincides with the mean wave direction. The resulting exceedance probabilities are approximately 10% higher than those obtained here. In addition, we investigate the contribution of TLP columns oriented on north-south direction. The resulting exceedance probabilities are much smaller than those obtained for the east-west direction and can be neglected.

Minimum Tension

Minimum tension occurs on the tendons attached to the down-weather TLP column. The static moment and the dynamic tensions tend to counteract the tension due to pretensions and static offset.

The corresponding inner-loop limit-state function is of the form

$$g(t)=-T_{\min,0}+[T_S-T_{mom}-T_{1V}(t)-T_{2V}(t)-T_{w,s-p}] \tag{22}$$

where $T_{min,0}$ represents the tension of interest (recall that we are calculating the annual probability of occurrence of tensions lower than $T_{min,0}$). Results for the three platforms are shown in Figures 7 through 9. Tabular results are presented in Appendix A.

The tables of response quantities indicate that the most important contributors to maximum tension are first-order wave-induced dynamic tension, the setdown tension, and the static wind-induced moment. The

Equation 22 does not include the effect of tendon curvature, which is important for minimum-tension calculations. This is conservative because tendon curvature tends to increase tension.

It has been suggested that these minimum-tension results may be unconservative because the environmental model used here does not include sea states with moderately high waves and low wind velocities (e.g., in the eye of a hurricane), which are believed to be more critical for minimum tension. We can obtain a qualitative sense of the importance of wind in minimum-

tension calculations by examining the importance factors for wind velocity on the corresponding tables in the Appendix. The signs of these importance factors indicate that wind has a beneficial effect (i.e., increasing tension) for only one of the three platforms (i.e., GMS). Furthermore, the absolute value of the wind importance factor is small for the three platforms.

Wind has two effects in relation to minimum tension: (1) it generates static offset, which increases setdown, causing increased static tension; and (2) it generates a static overturning moment on the hull, causing decreased tension in the down-weather tendons. These two effects tend to cancel out, causing wind to be relatively unimportant, as indicated by the importance factors.

Additional calculations were performed for the GMS platform, assuming mean wind velocities (given H_S) lower than those in the environmental model. We considered two assumptions for the mean wind velocity given H_S, as follows: (1) no wind, and (2) wind speed equal to 1/2 the value predicted by the environmental model. Results indicate small changes in the probability distribution of minimum tension.

Air Gap

To investigate the air gap required for avoiding wave impact on the TLP deck, we calculate the probability distribution of set-down plus crest (SDC). For these calculations, the wave elevation $\eta(t)$ is assumed to be a gaussian process with rms amplitude equal to $eH_S/4$, where e is a wave-enhancement factor (assumed equal to 1.1). Although the relative phasing between $\eta(t)$ (at the platform midpoint) and the first-order wave-frequency offset $X_{1V}(t)$ is not obvious, we assume perfect correlation between the two processes (and between their derivatives).

We include astronomical tide and storm surge in these calculations, considering the effect of these quantities on air gap and on static offset. We do not consider their effect on the rms values of dynamic offsets.

The limit-state function for set-down plus crest is of the form

$$g(t)=SDC_o-[\eta(t)+surge+tide+(L-\sqrt{L^2-X(t)^2}\ )] \tag{23}$$

where SDC_o is the value of interest and the term in parenthesis represents set-down associated with the total offset X(t). In the calculation of the static offset, we include the effect of surge and tide on pretension.

Results for all platforms are presented in Figures 10 through 12. Additional tabular results are contained in Appendix A. The tables of response quantities indicate that $\eta(t)$ is the dominant contributor to SDC. Because offset is a small contributor to SDC, and because $X_{1V}(t)$ is a small contributor to offset, the assumption about correlation between η and $X_{1V}(t)$ is unimportant.

Because SDC is so strongly controlled by H_S, the tables of random-variables indicate that the 100-yr value of SDC is associated with the 100-yr H_S (unlike the results for offset and tension).

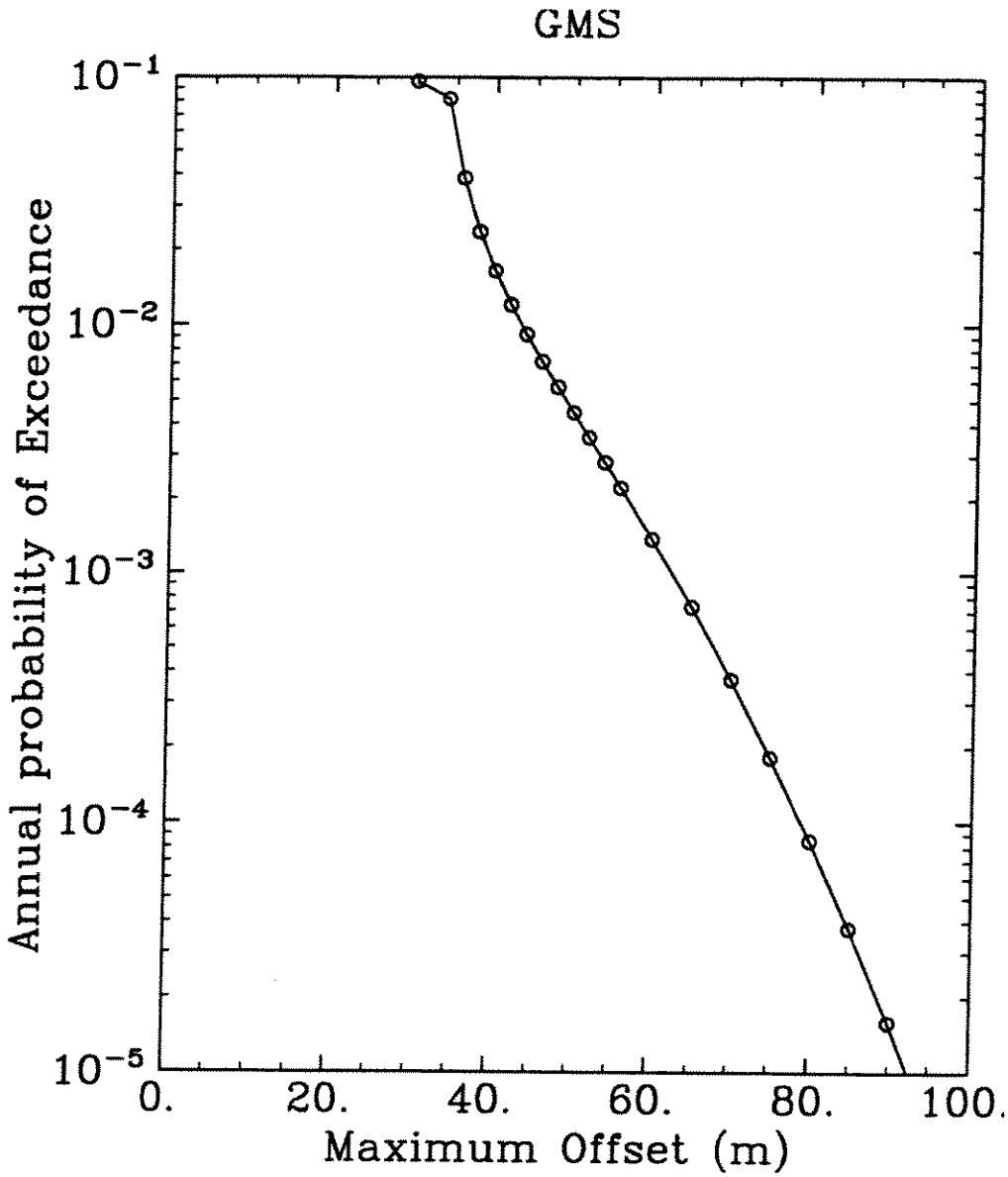

Figure 1. Distribution of maximum offset: GMS platform

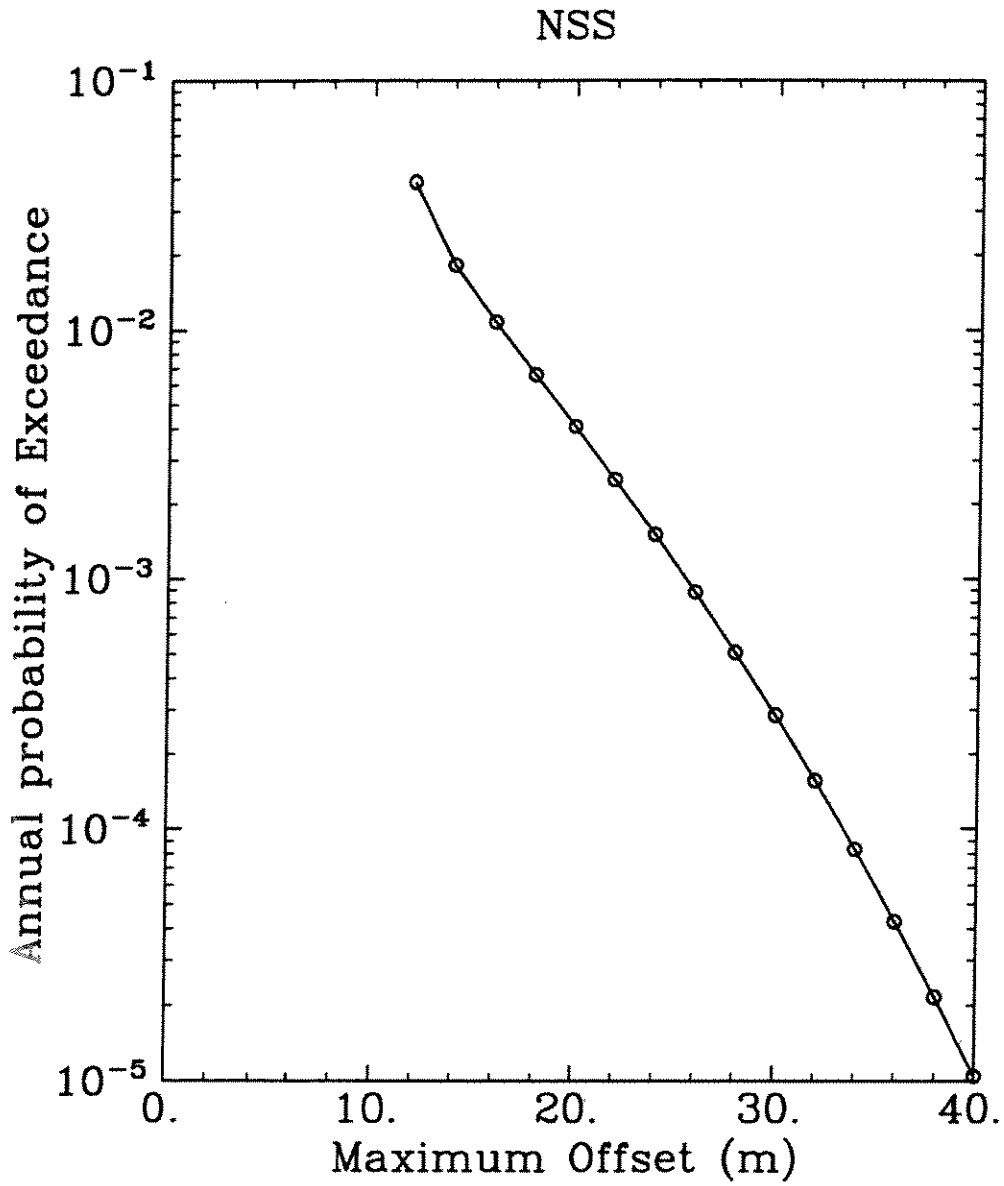

Figure 2. Distribution of maximum offset: NSS platform

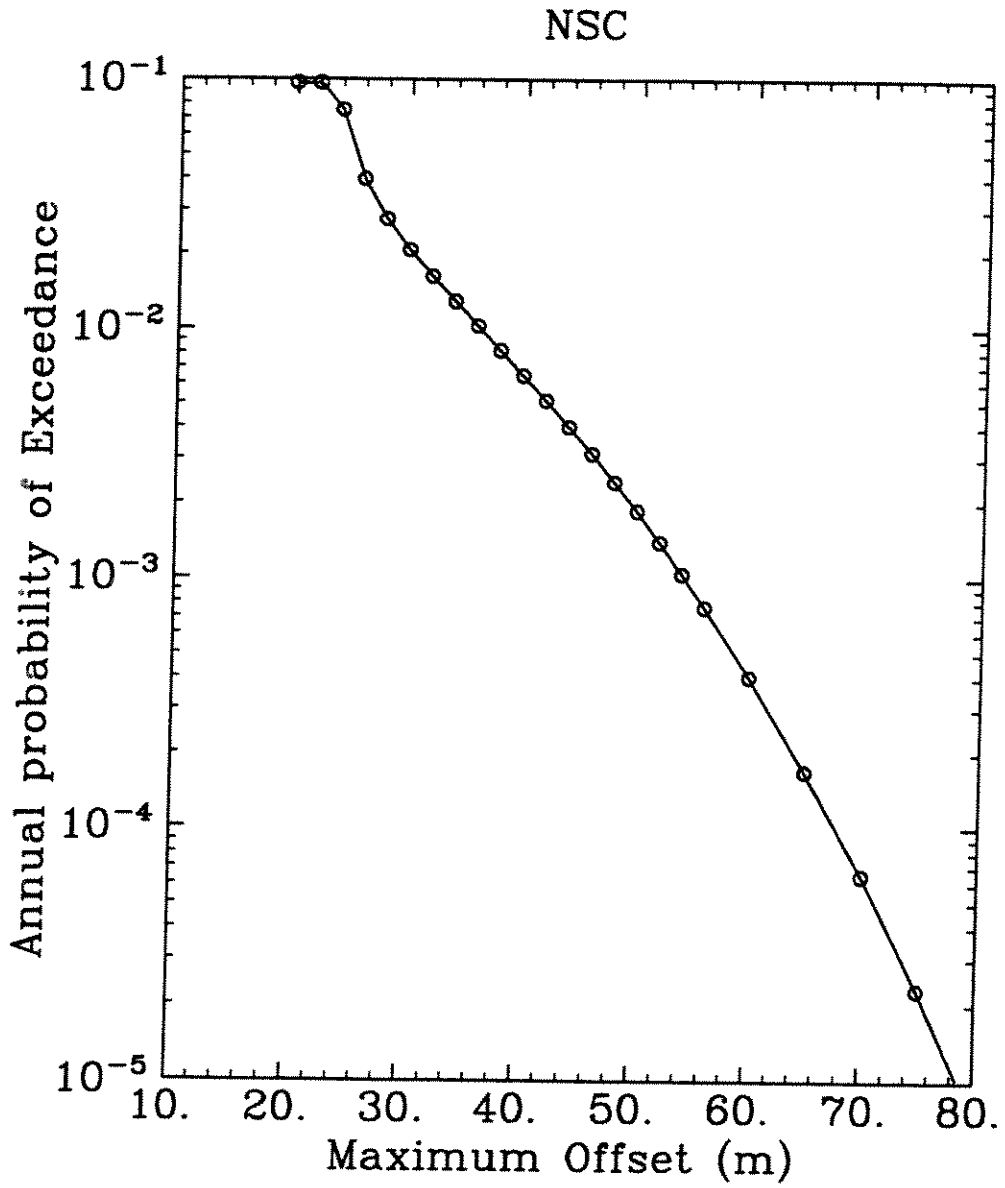

Figure 3. Distribution of maximum offset: NSC platform

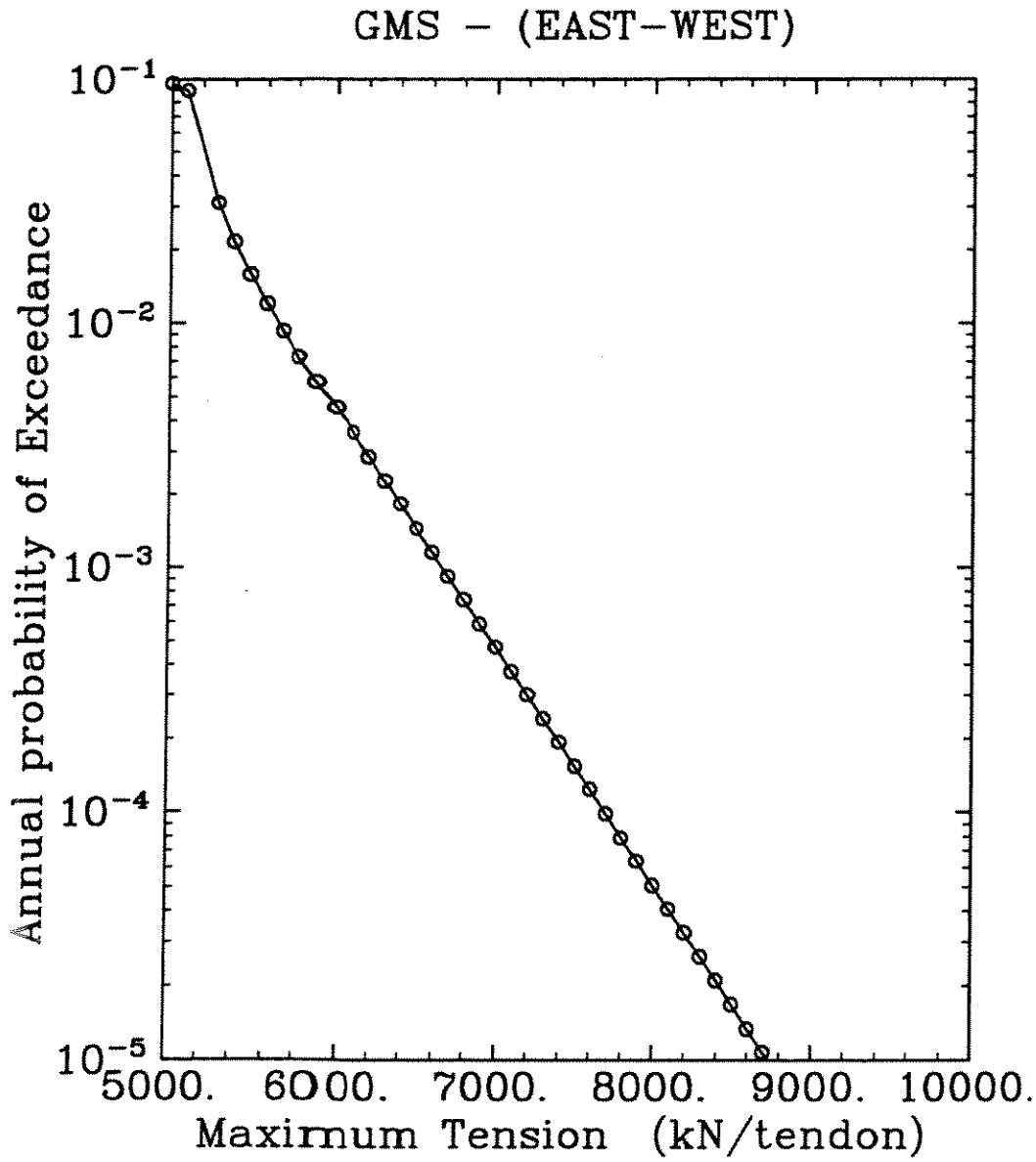

Figure 4. Distribution of maximum tension: GMS platform

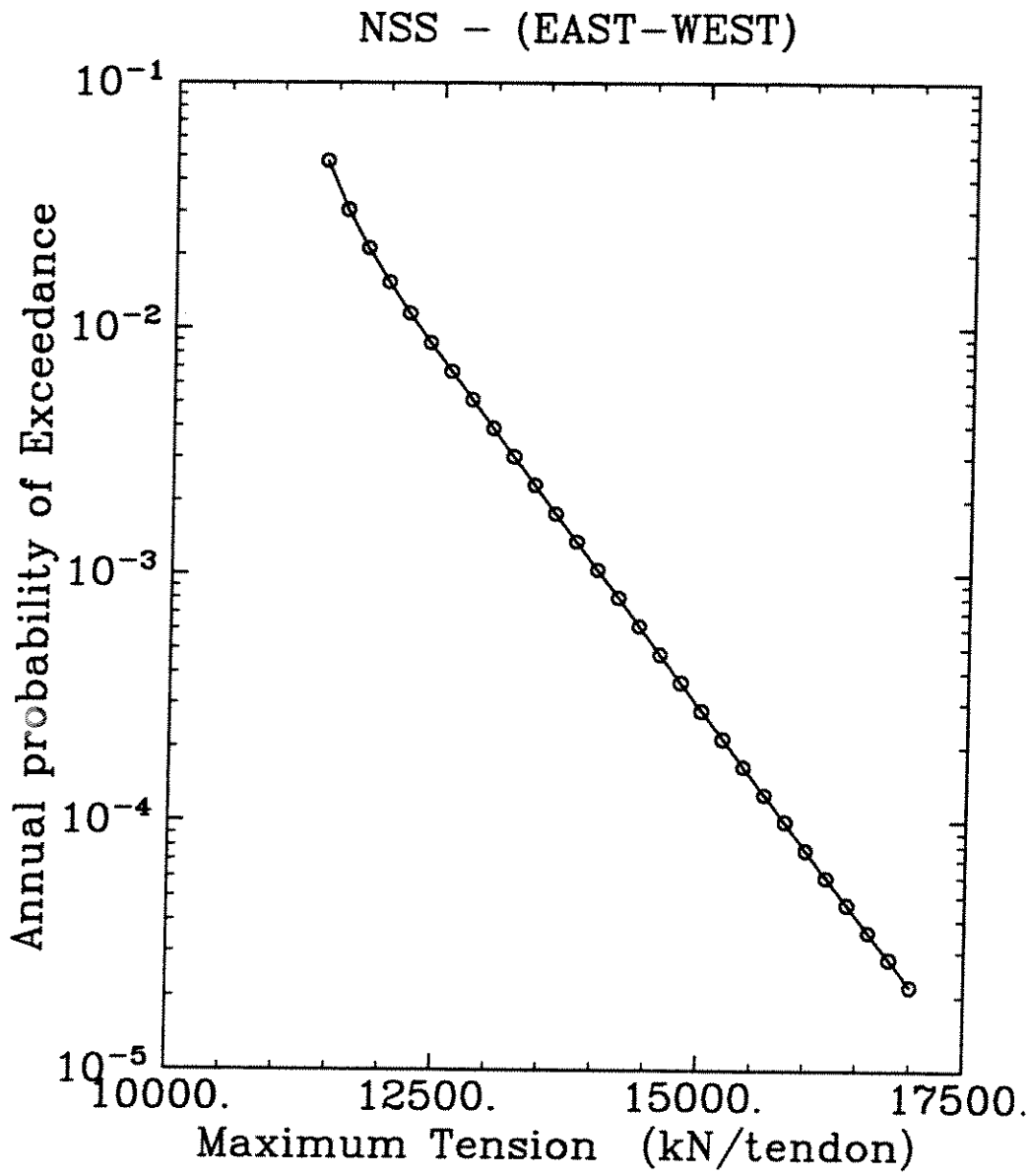

Figure 5. Distribution of maximum tension: NSS platform

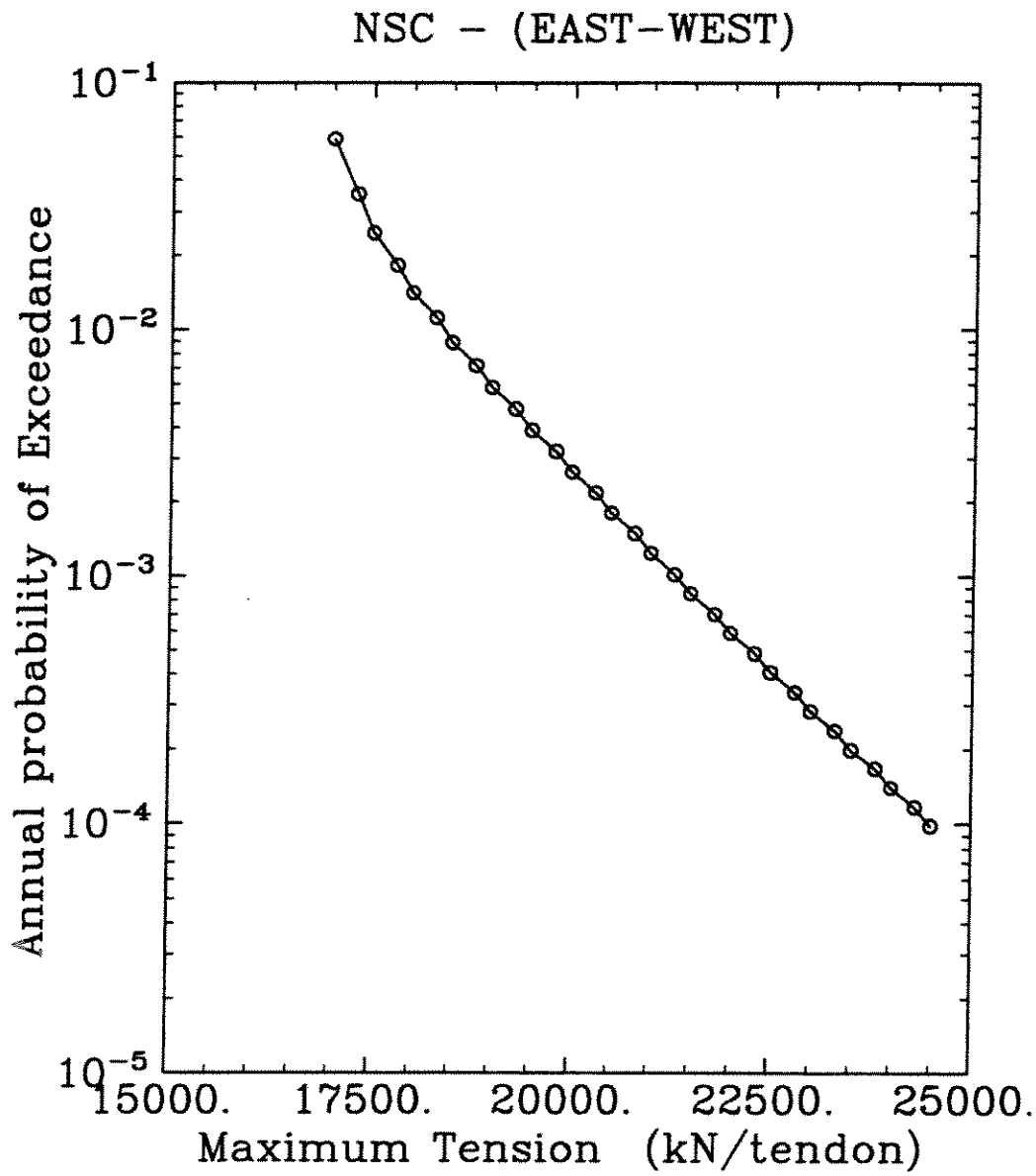

Figure 6. Distribution of maximum tension: NSC platform

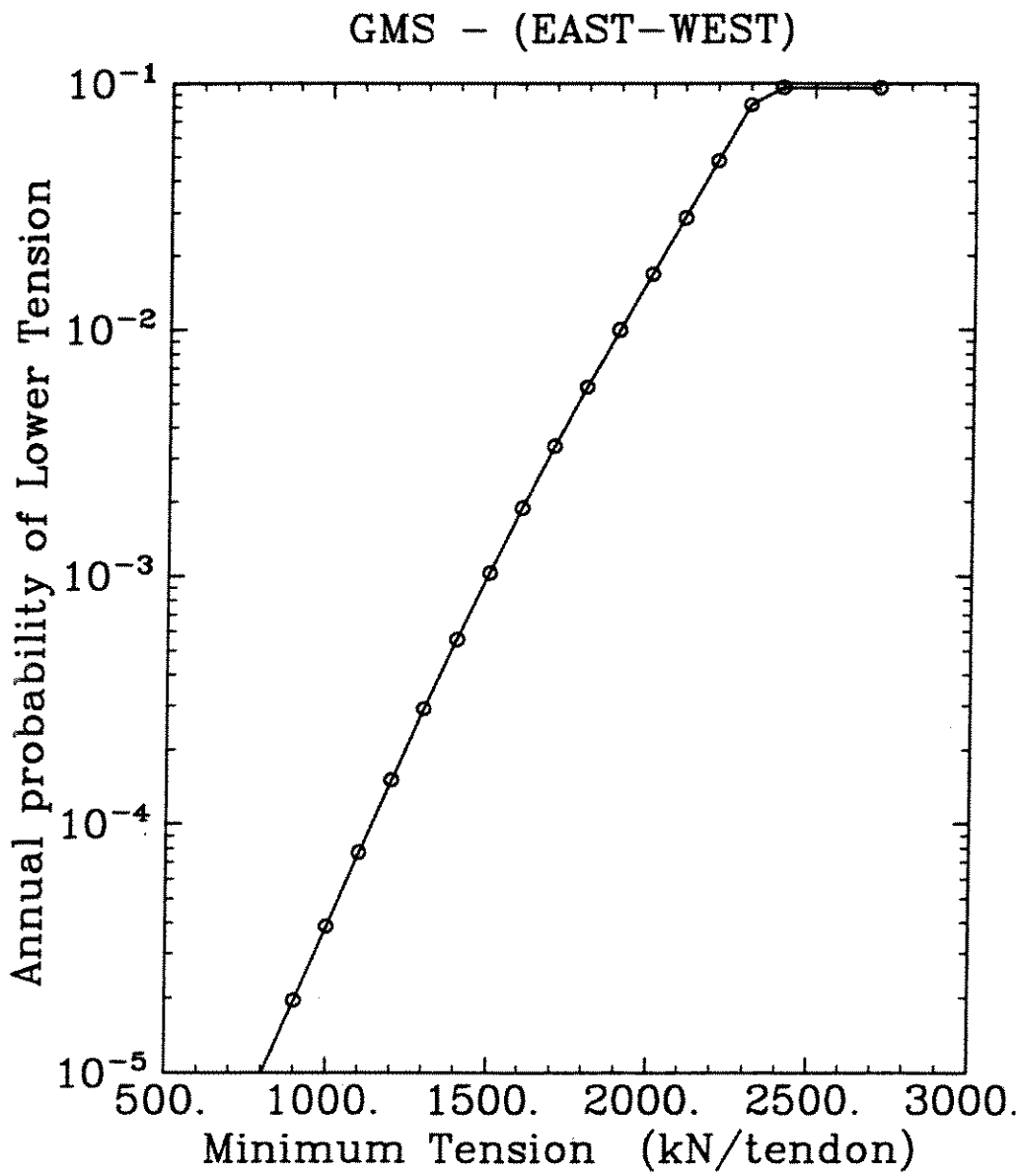

Figure 7. Distribution of minimum tension: GMS platform

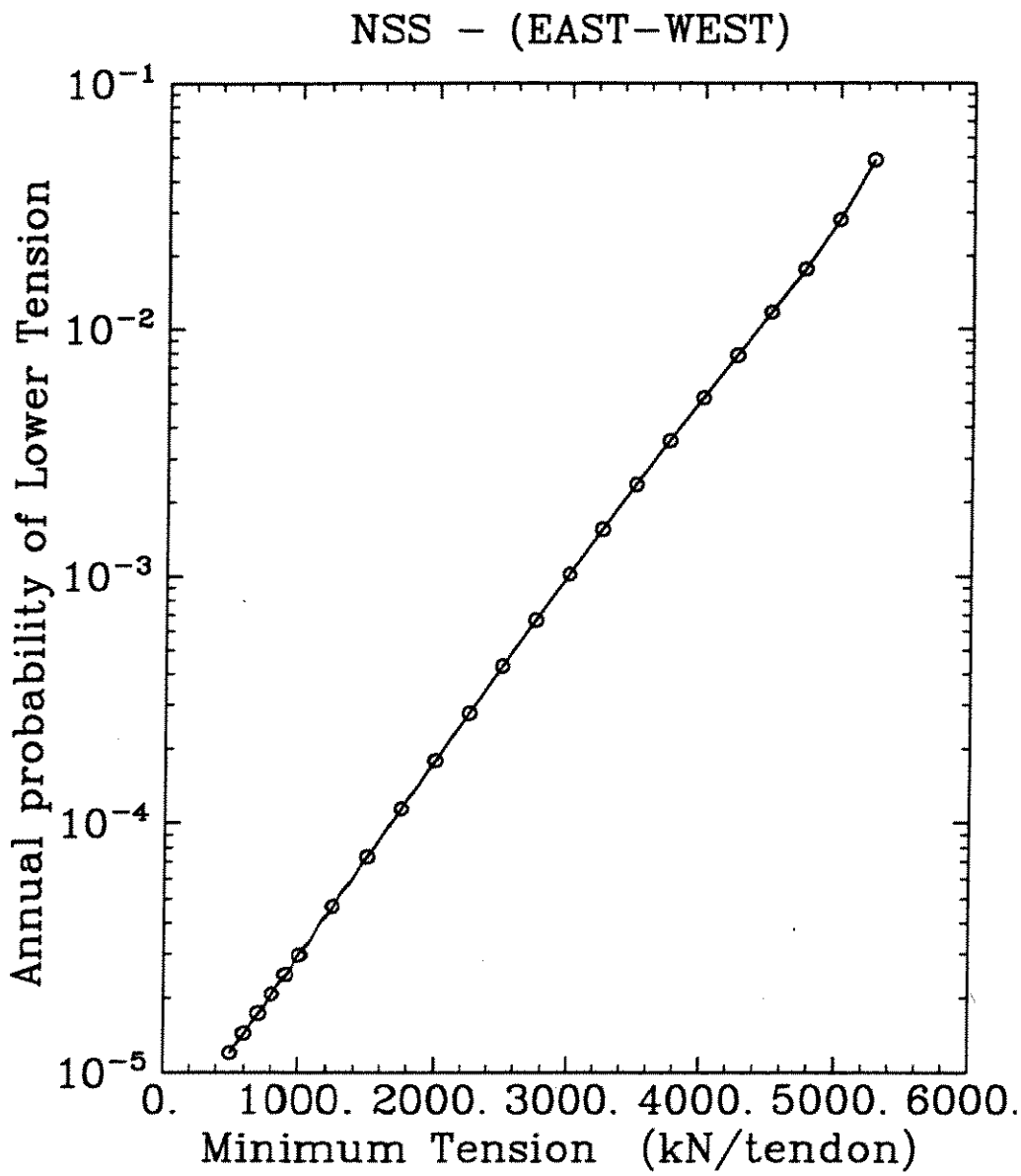

Figure 8. Distribution of minimum tension: NSS platform

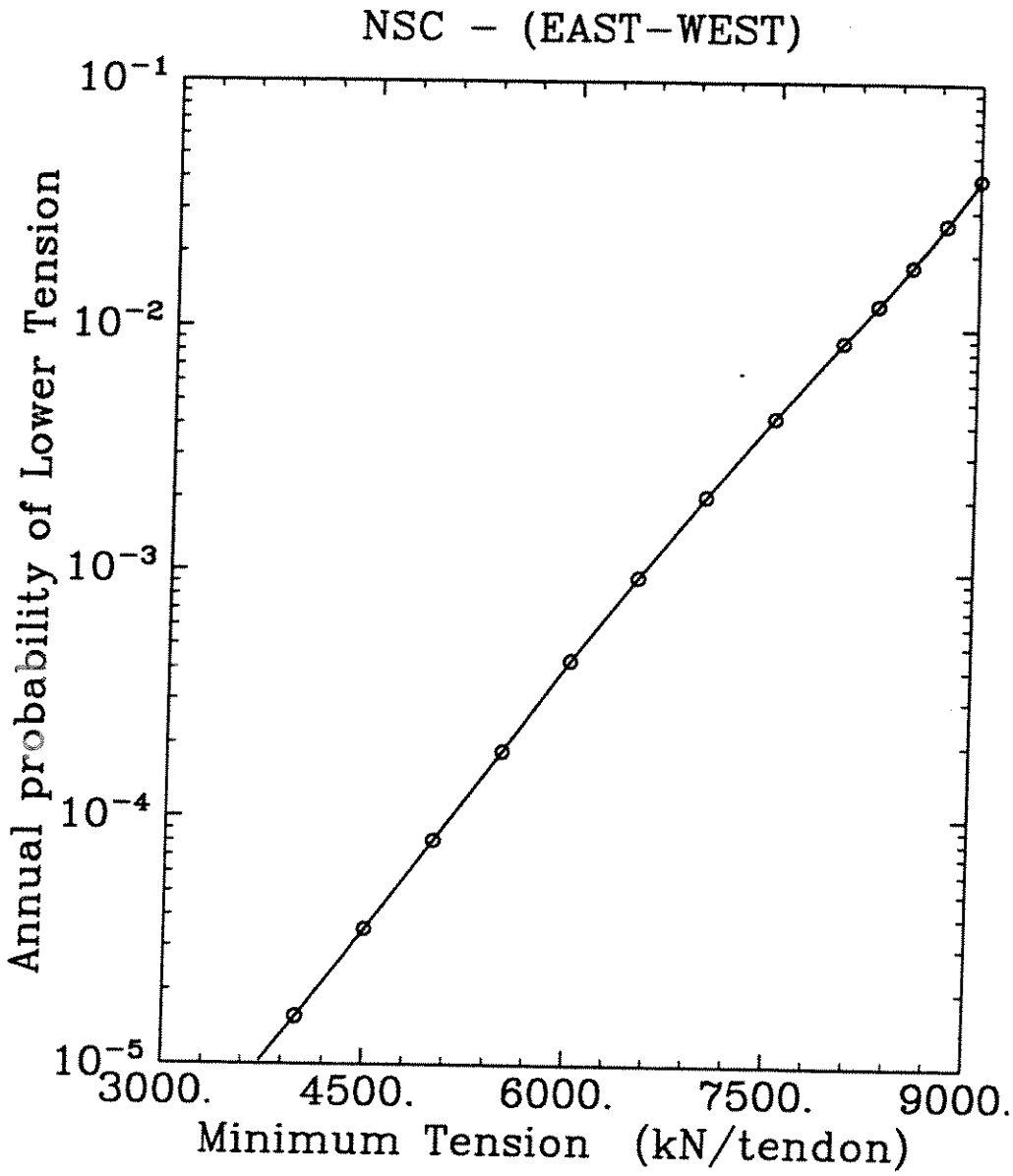

Figure 9. Distribution of minimum tension: NSC platform

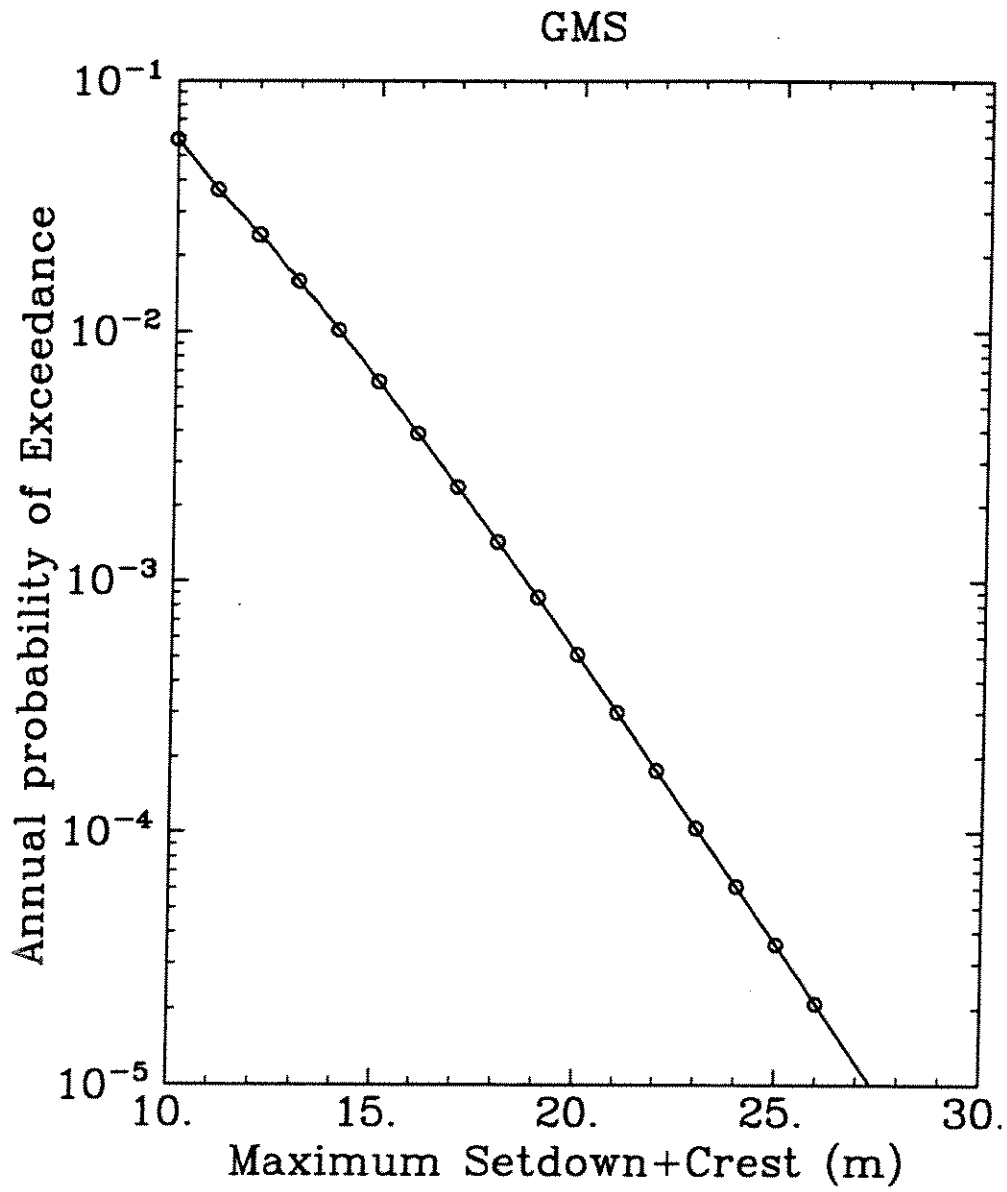

Figure 10. Distribution of setdown plus crest: GMS platform

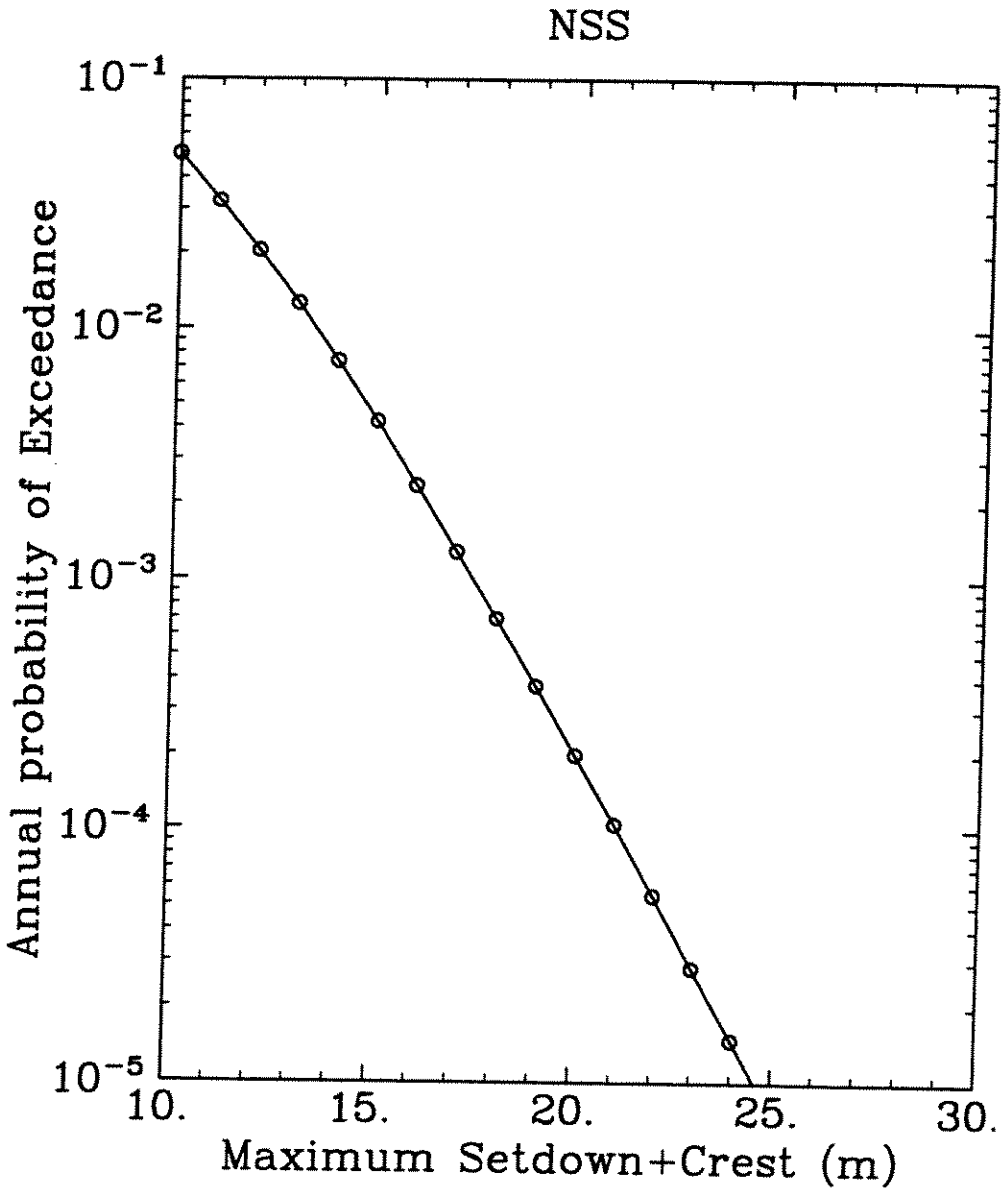

Figure 11. Distribution of setdown plus crest: NSS platform

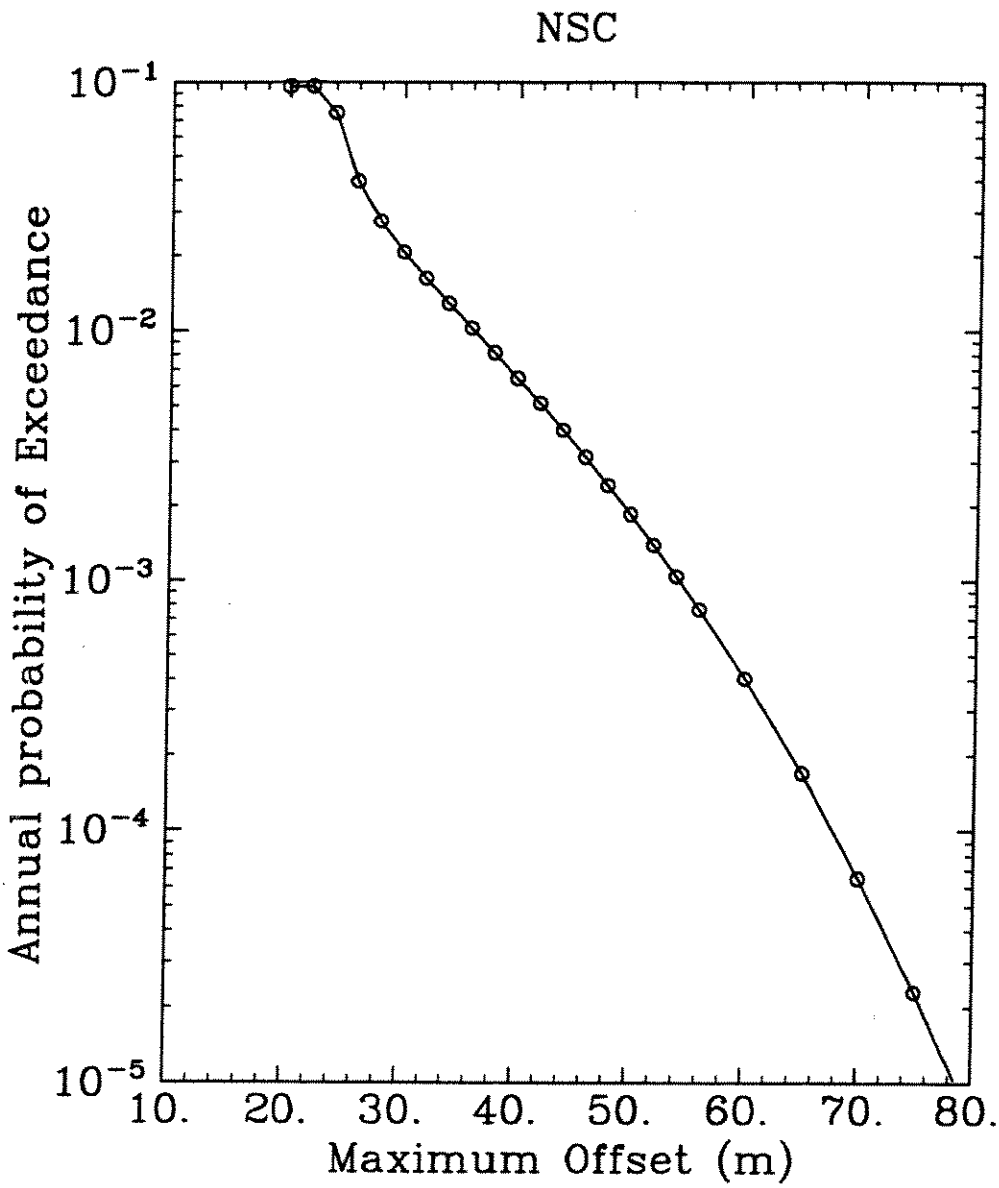

Figure 12. Distribution of setdown plus crest: NSC platform

TASK-2 CALCULATIONS AND RESULTS: CUMULATIVE DISTRIBUTIONS OF GLOBAL LIMIT STATES INCLUDING SUBJECTIVE UNCERTAINTIES

In this task we repeat the calculations performed in Task 1, including subjective uncertainties on the calculated response quantities (i.e., static responses and rms values of dynamic responses). If some or all of the errors associated with these response quantities are systematic (meaning that a certain response quantity is always overestimated or always underestimated by the same amount, over all storms), one needs (at least in principle) a third FORM/SORM loop to integrate over these uncertainties. That is, one needs two FORM/SORM loops (in addition to the inner loop used for the time-variant calculations) to evaluate the two expectations in the equation

$$P_f = E_{\Theta}\left[1-\exp\{-\lambda\ E_{Environment|\Theta}[P_f\ (1storm|Environment)]\}\right] \tag{24}$$

where Θ represents systematic uncertainties. In practice, this is not required because the exponentiation in Equation 24 may be linearized and all expectations can be calculated using one multi-dimensional integral (see discussion above Equation 12). Thus, one can include all subjective uncertainties (whether systematic or variable from storm to storm) in the same outer-loop as the environmental quantities[8]. All subjective uncertainties are characterized by normal distributions. The parameters for these distributions are provided in Table 2 below.

In the reliability calculations, the response quantities are evaluated using Equations 1 through 10. The resulting values are then multiplied by the values of the random variables representing subjective uncertainties. The functional forms of the inner- and outer-loop limit-state functions are the same used in the calculations with no subjective uncertainties.

Figures 13 through 24 compare the cumulative distributions of maximum offset, maximum and minimum tension, and air gap, to the results obtained in Task 1. The results for offset, maximum tension, and air gap indicate that the effect of subjective uncertainty is not important at return periods of 100 years, but becomes important for return periods. of the order of 10,000 years. The effect of subjective uncertainty is most important for minimum tension and least important for maximum tension. Note also that results for GMS exhibit more sensitivity to subjective uncertainty. Appendix A contains tables showing the values of random variables (including subjective uncertainties) and importance factors at the design point. The tables of importance factors indicate that uncertainty in the static offset is the subjective uncertainty with the largest

[8] Intuitively, using the same FORM/SORM loop to integrate over the uncertainties and the environmental quantities implies that the environmental quantities take the same value for all storms. If the expected number of severe storms is <<1, the probability of two or more storms is very small and this assumption does not introduce a significant error.

importance factor and with the largest effect on the calculated probabilities. This is the case for all limit states considered and for all platforms, especially for GMS (the platform in deepest water). Uncertainty in the low-frequency wind-induced offset is also important for maximum offset. Uncertainty in the first-order wave-induced tension is also important for maximum and minimum tension.

Table 2
Subjective Uncertainties[1]

Quantity[2]	Mean	Std. Deviation
X_S	1.0	0.20
X_{1V}	1.0	0.05
X_{lfw}	0.9	0.40
X_{2V}	0.9	0.25
T_{mom}	1.0	0.10
T_{1V}	1.0	0.10
T_{2V}	1.4[3]	0.30
$T_{W,S-P}$	1.0	0.10
e	1.0	0.05 [4]

[1] Source: H. Banon, EPR, personal communication, July 28, 1992.

[2] See Section entitled Response Quantities for definitions of these terms.

[3] This large bias represents the effect of inertia moments, which were not included in OSAC's calculations.

[4] This distribution is truncated (from below) at 0.91=1/1.1 because the wave enhancement factor must be higher than 1.

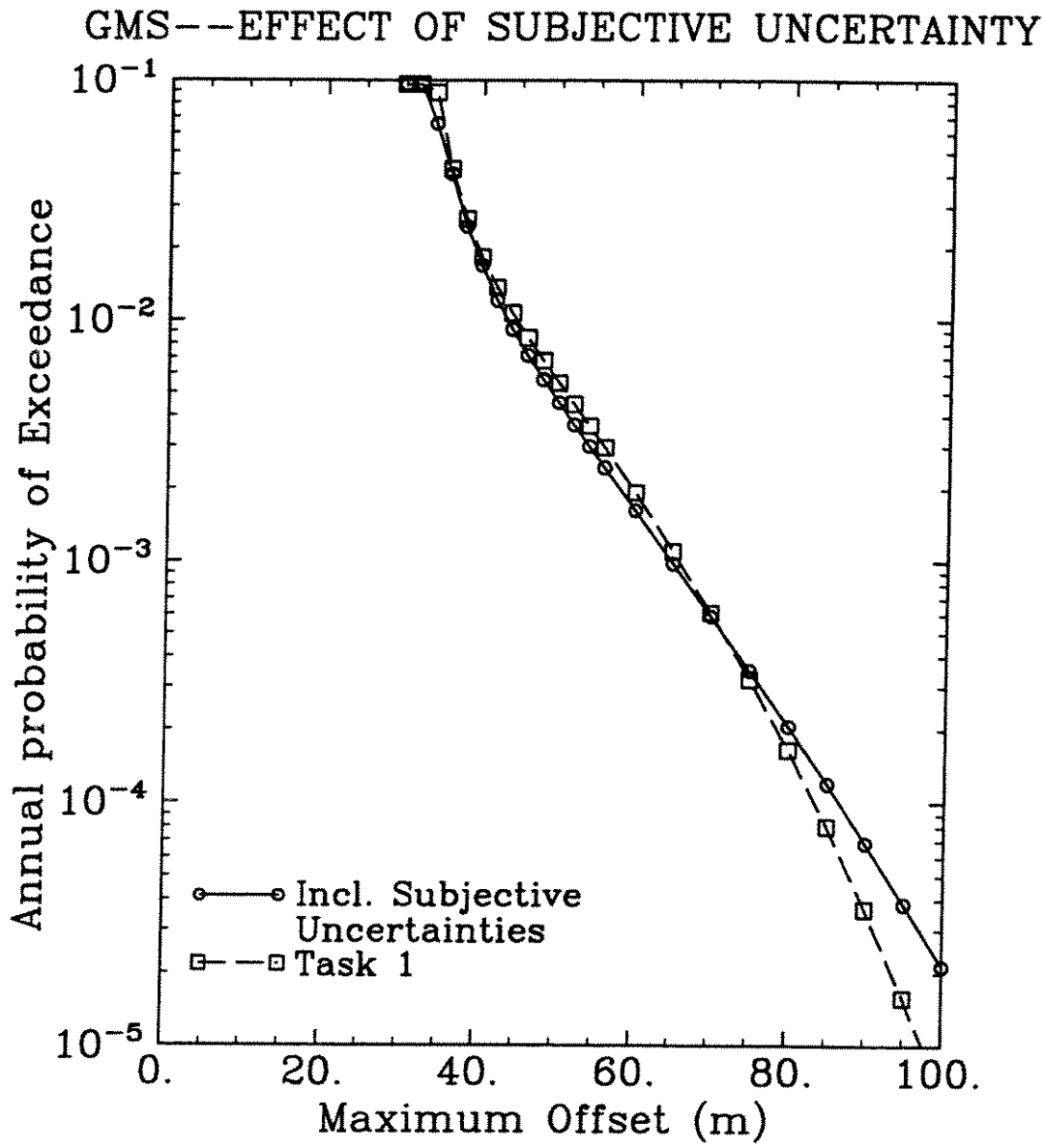

Figure 13. Effect of subjective uncertainty on the distribution of maximum offset: GMS platform

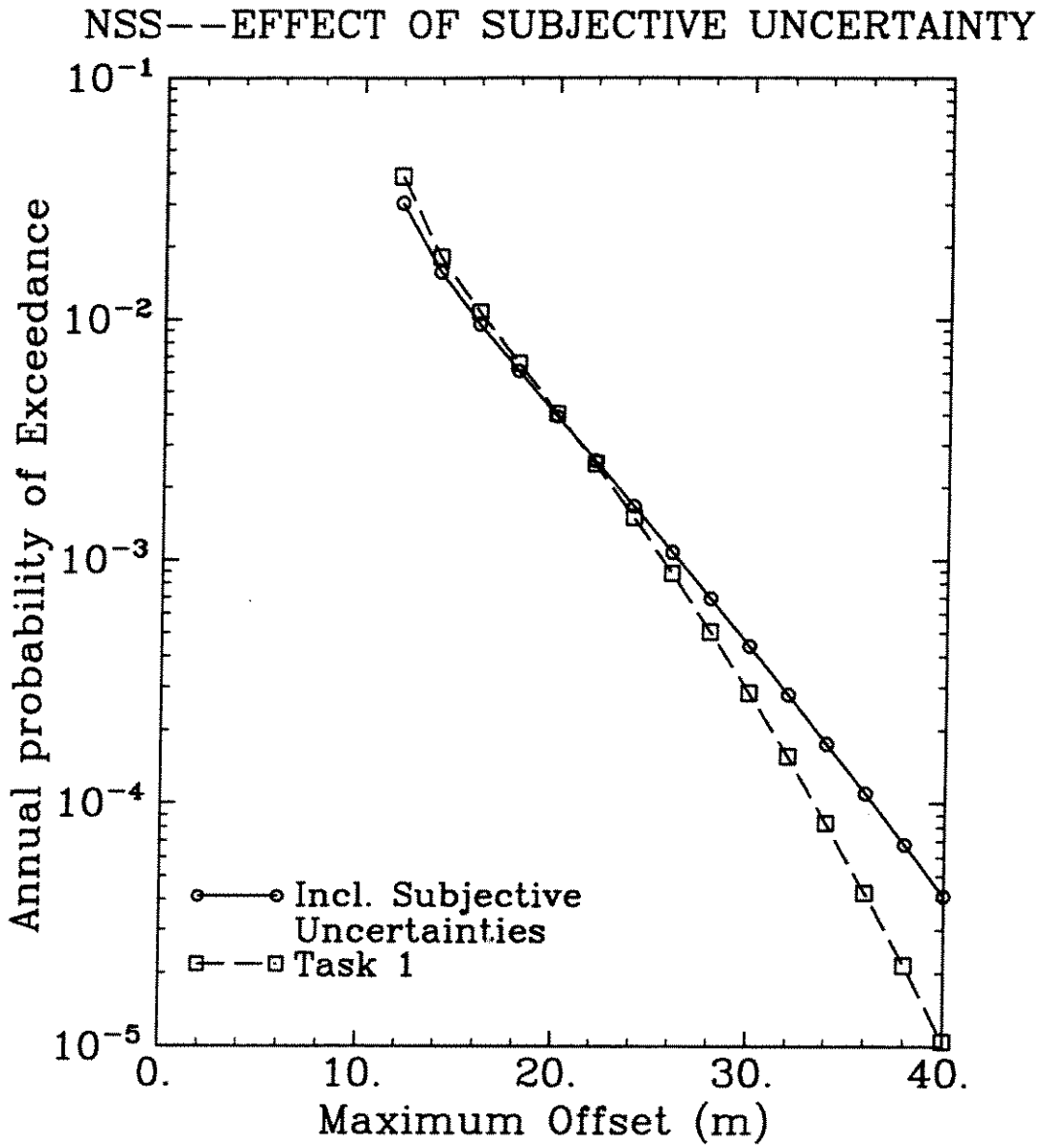

Figure 14. Effect of subjective uncertainty on the distribution of maximum offset: NSS platform

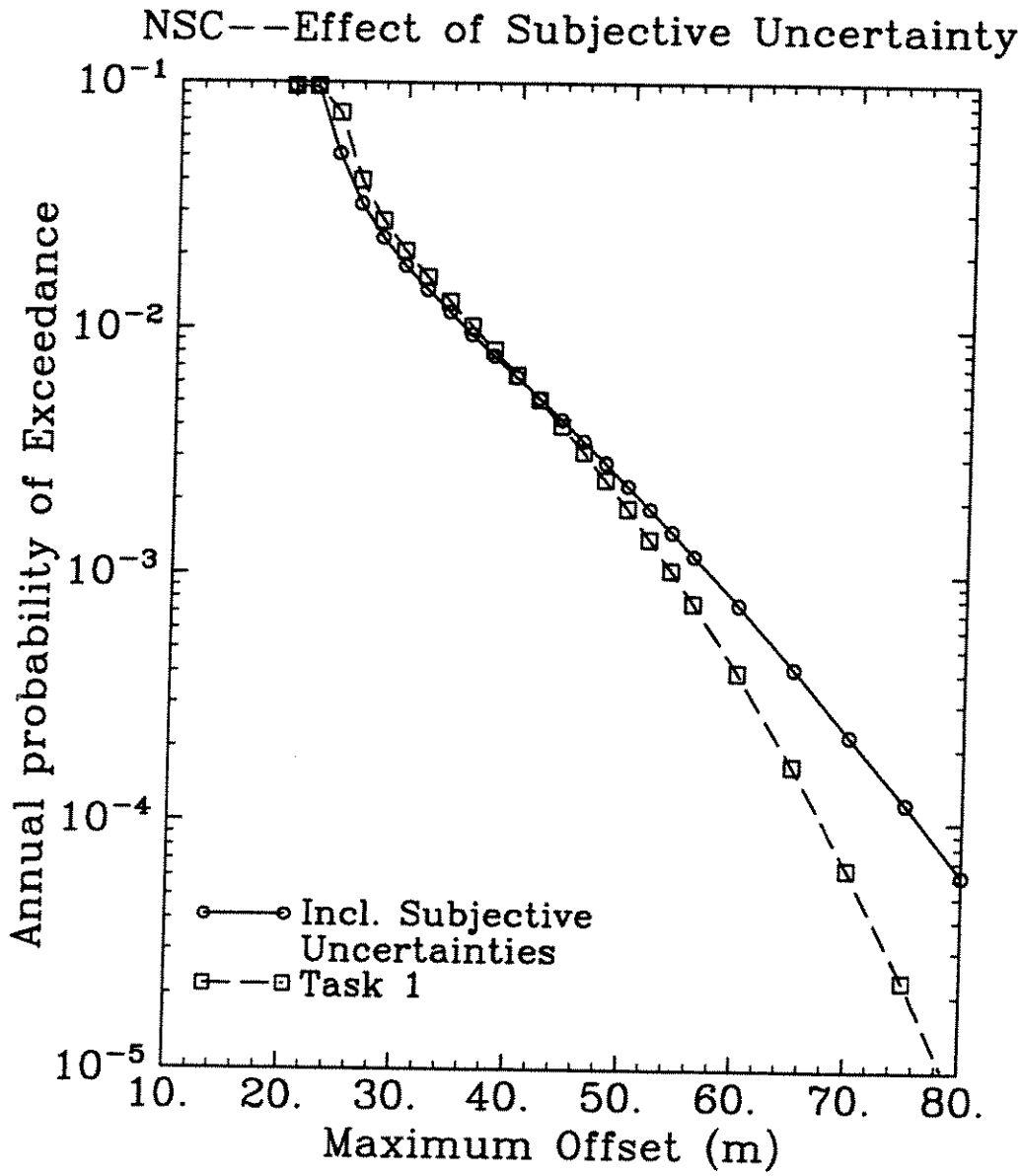

Figure 15. Effect of subjective uncertainty on the distribution of maximum offset: NSC platform

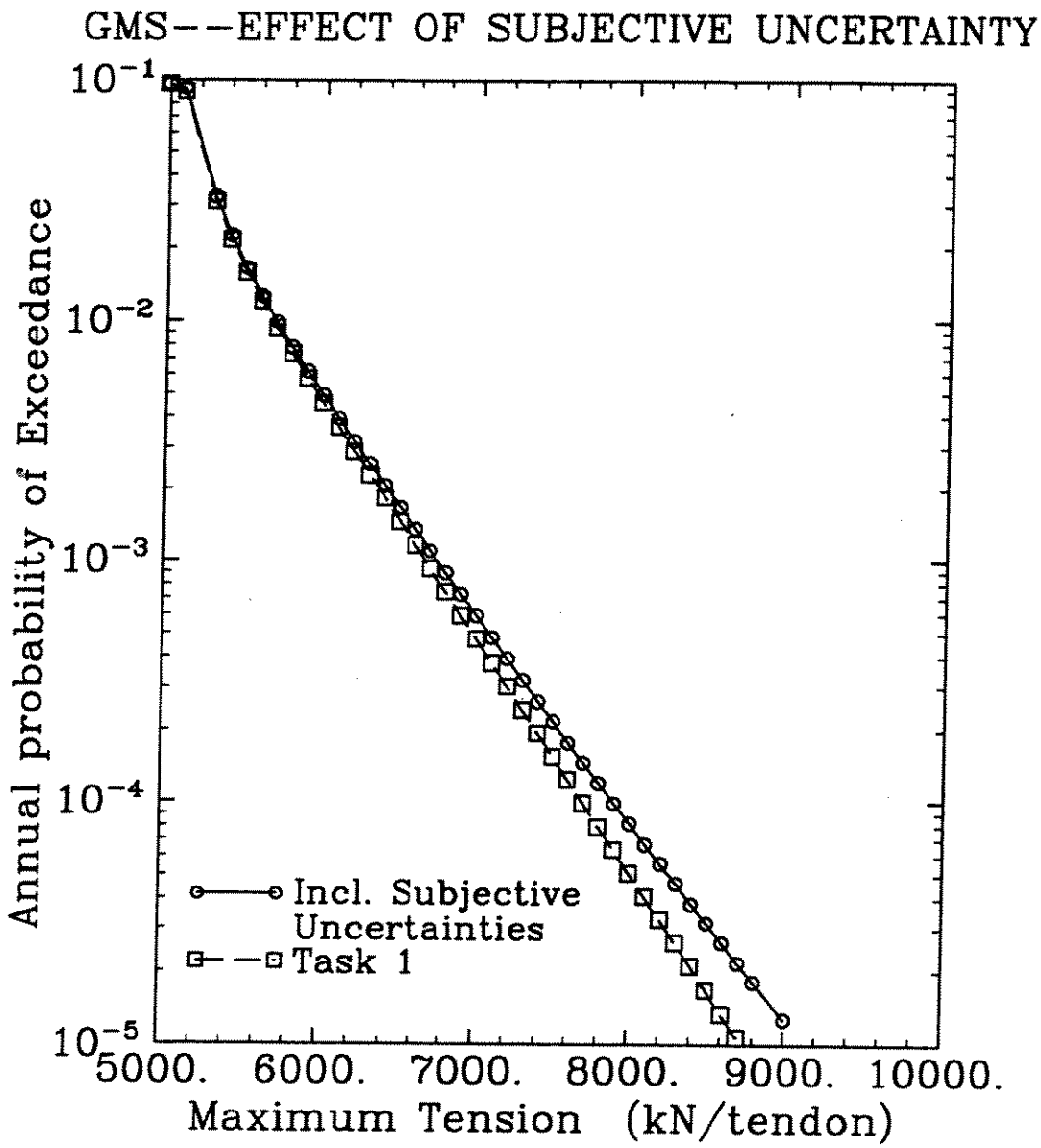

Figure 16. Effect of subjective uncertainty on the distribution of maximum tension: GMS platform

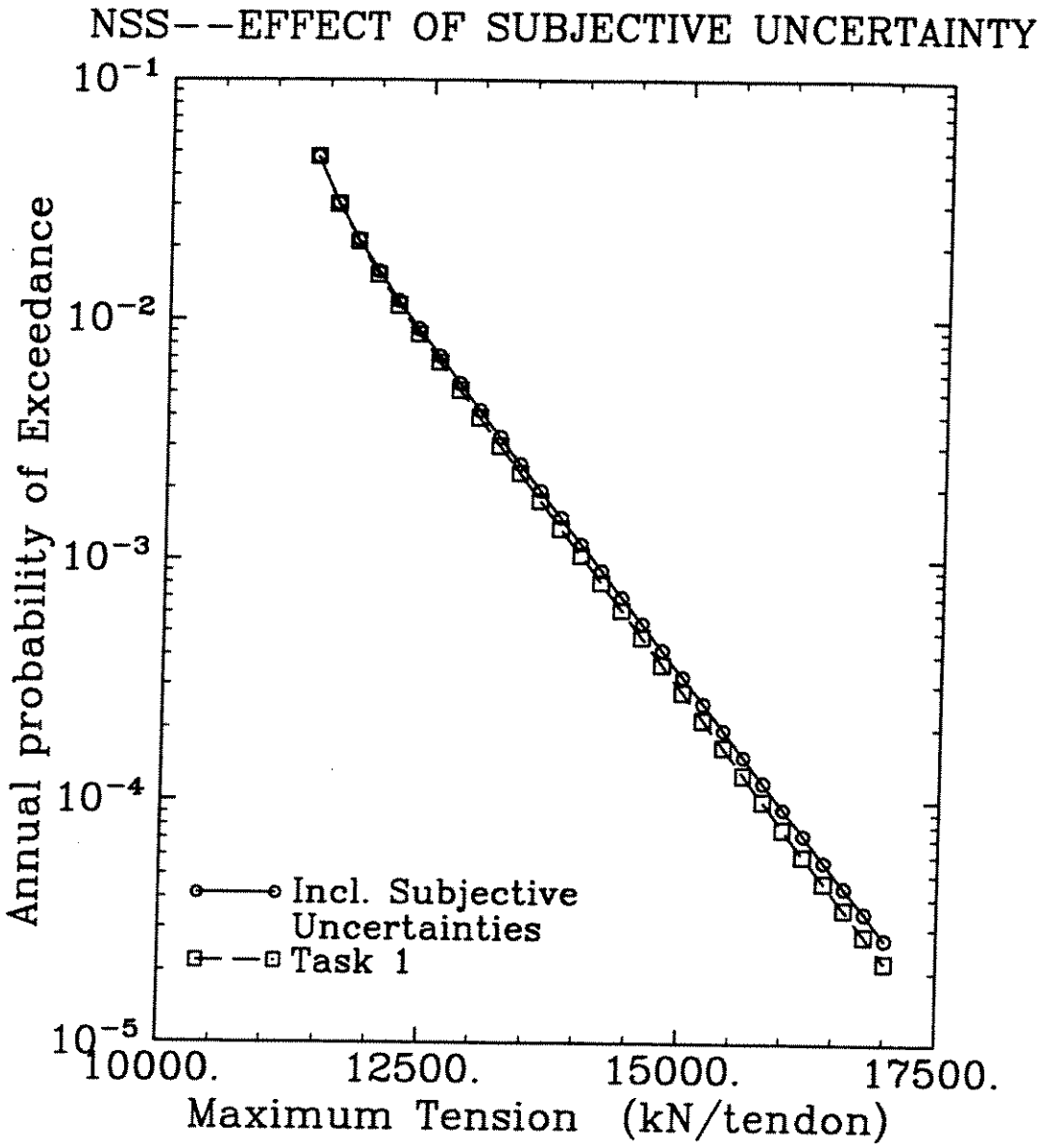

Figure 17. Effect of subjective uncertainty on the distribution of maximum tension: NSS platform

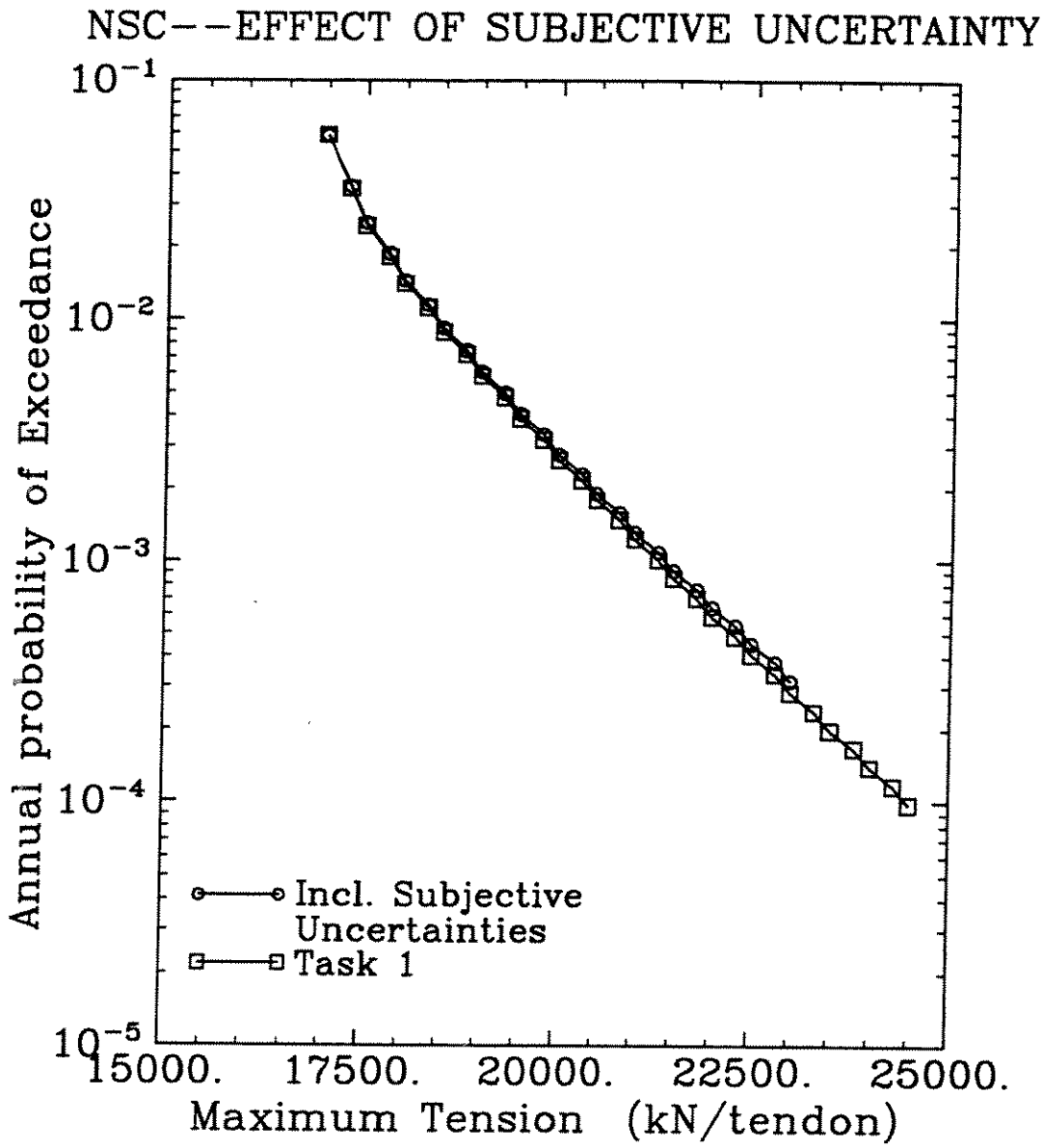

Figure 18. Effect of subjective uncertainty on the distribution of maximum tension: NSC platform

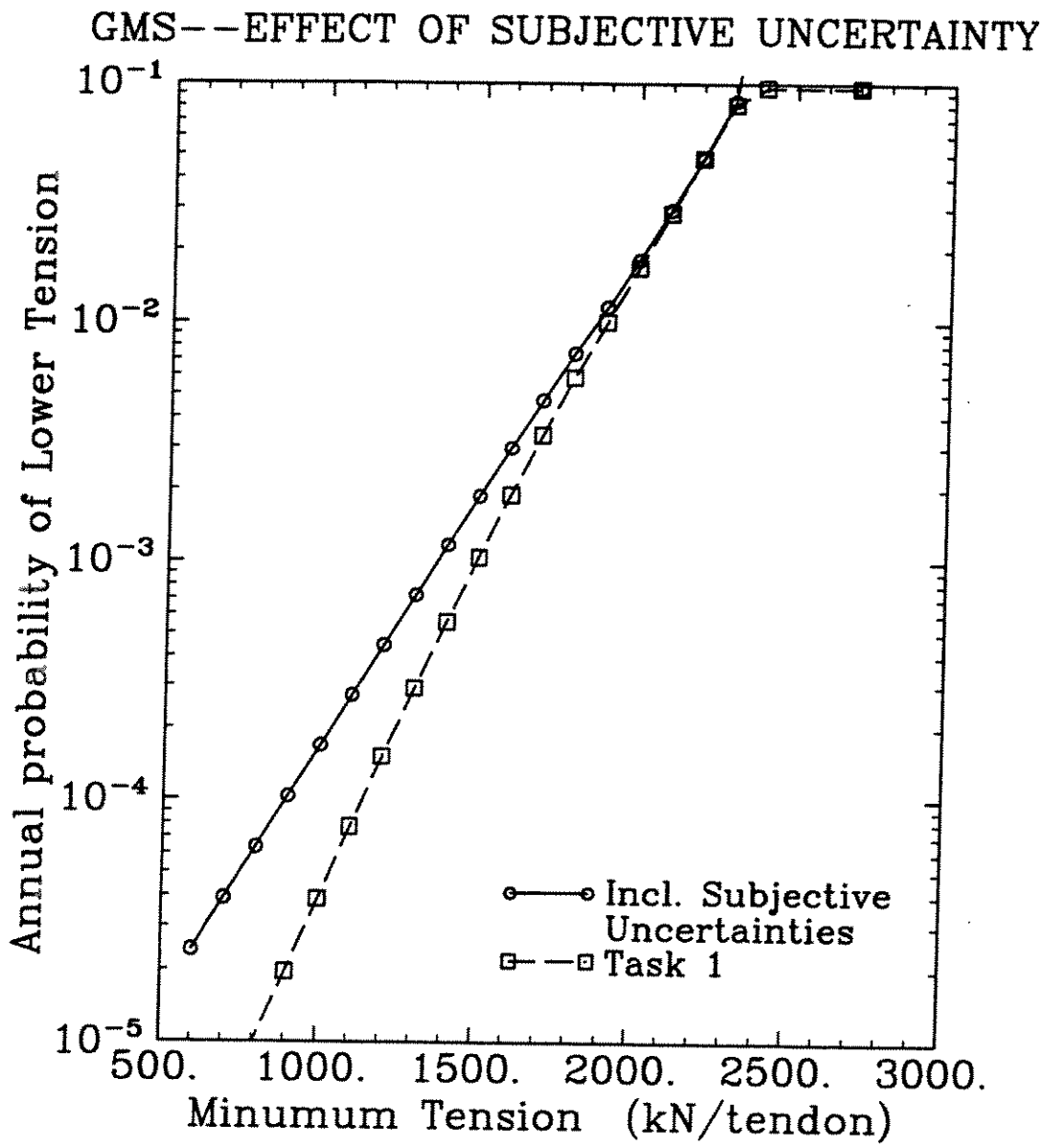

Figure 19. Effect of subjective uncertainty on the distribution of minimum tension: GMS platform

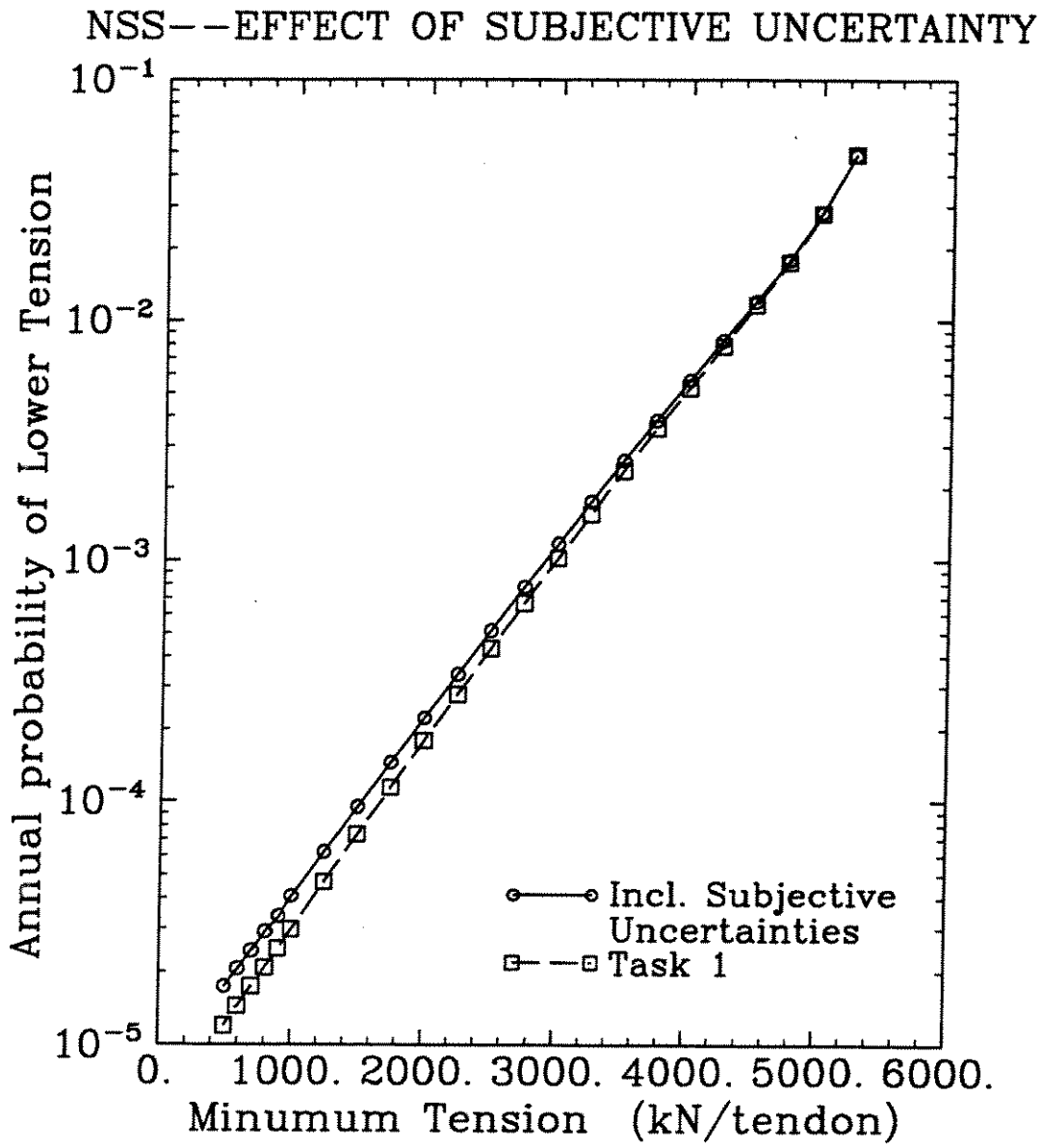

Figure 20. Effect of subjective uncertainty on the distribution of minimum tension: NSS platform

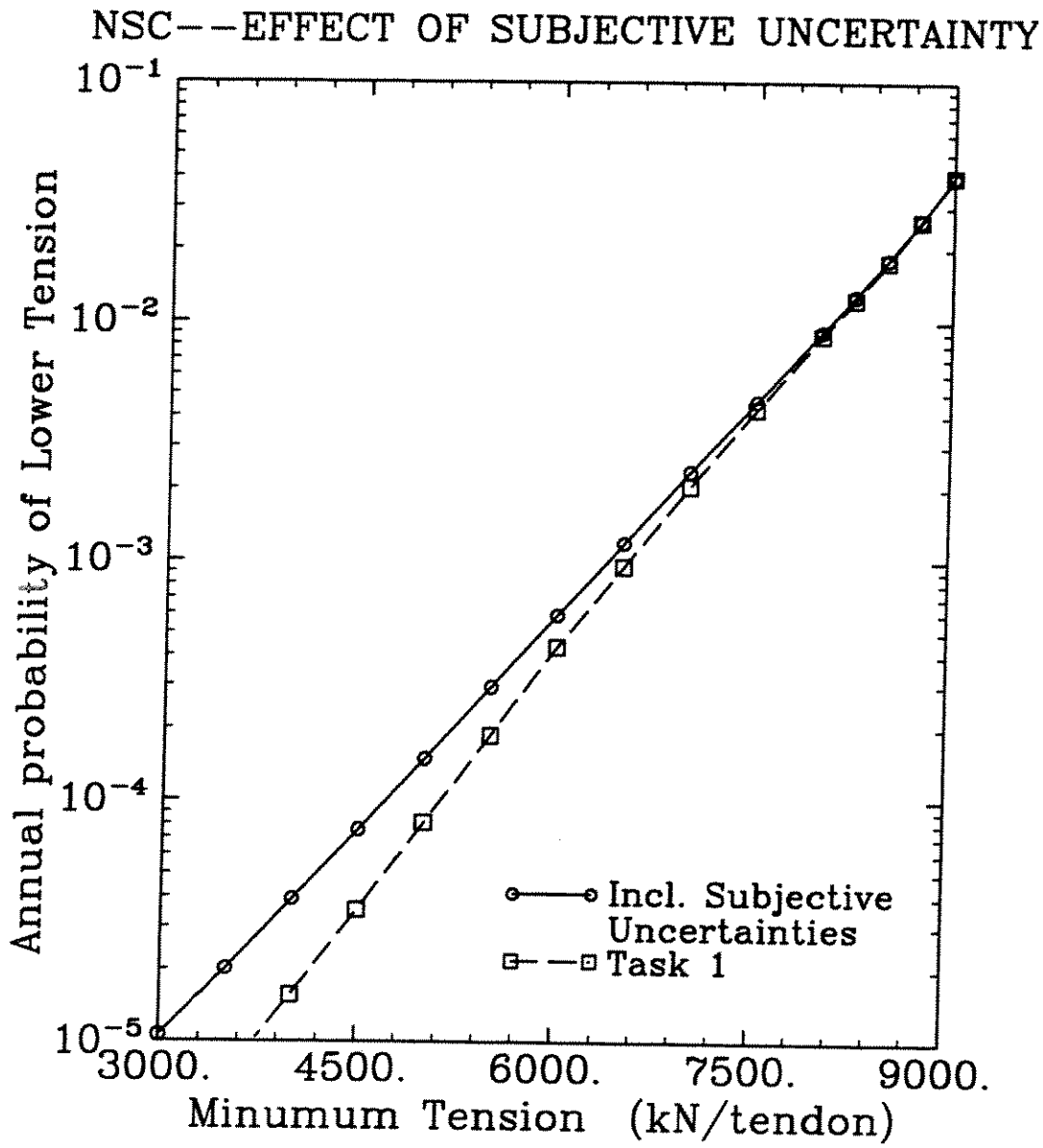

Figure 21. Effect of subjective uncertainty on the distribution of minimum tension: NSC platform

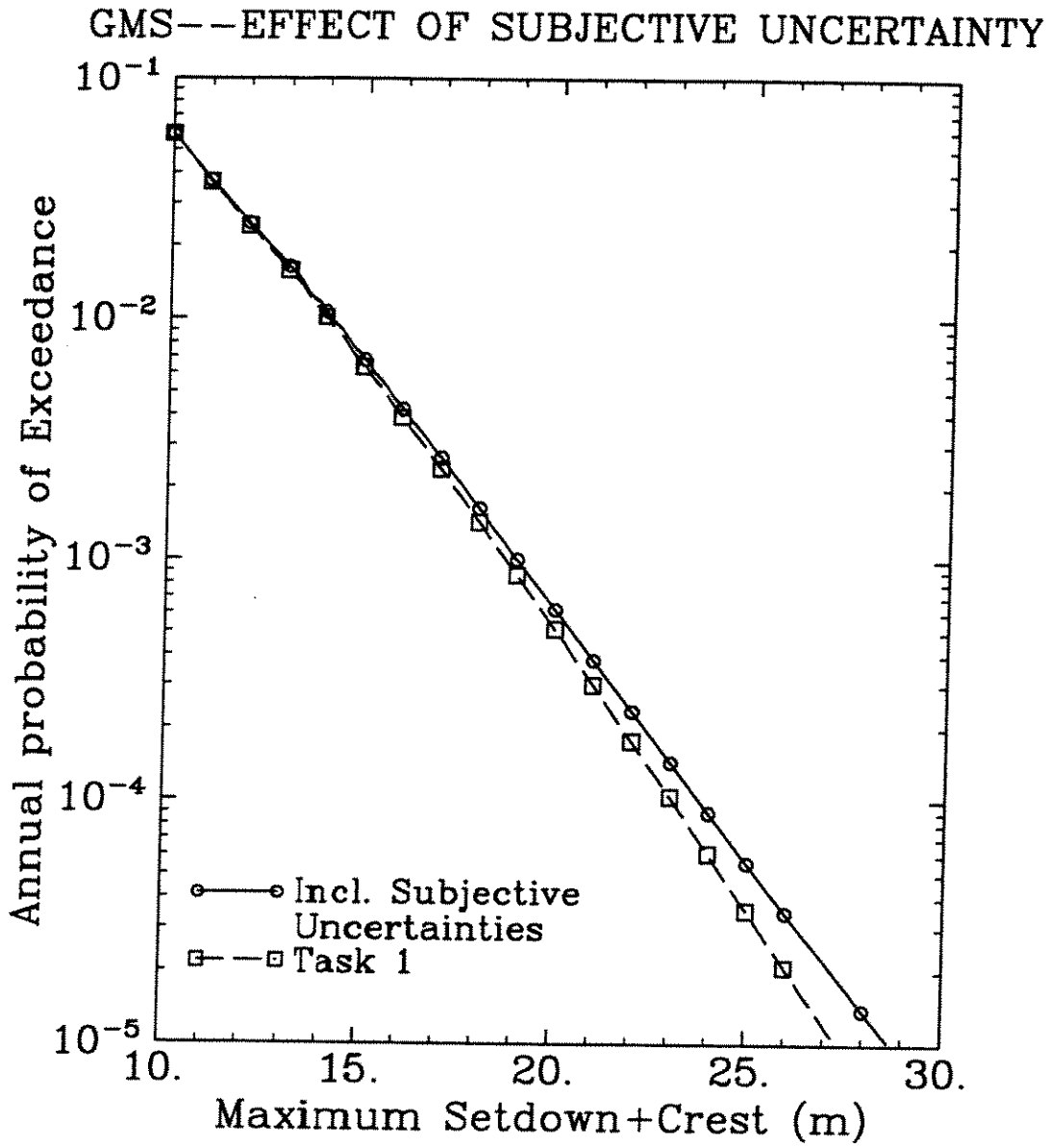

Figure 22. Effect of subjective uncertainty on the distribution of setdown plus crest: GMS platform

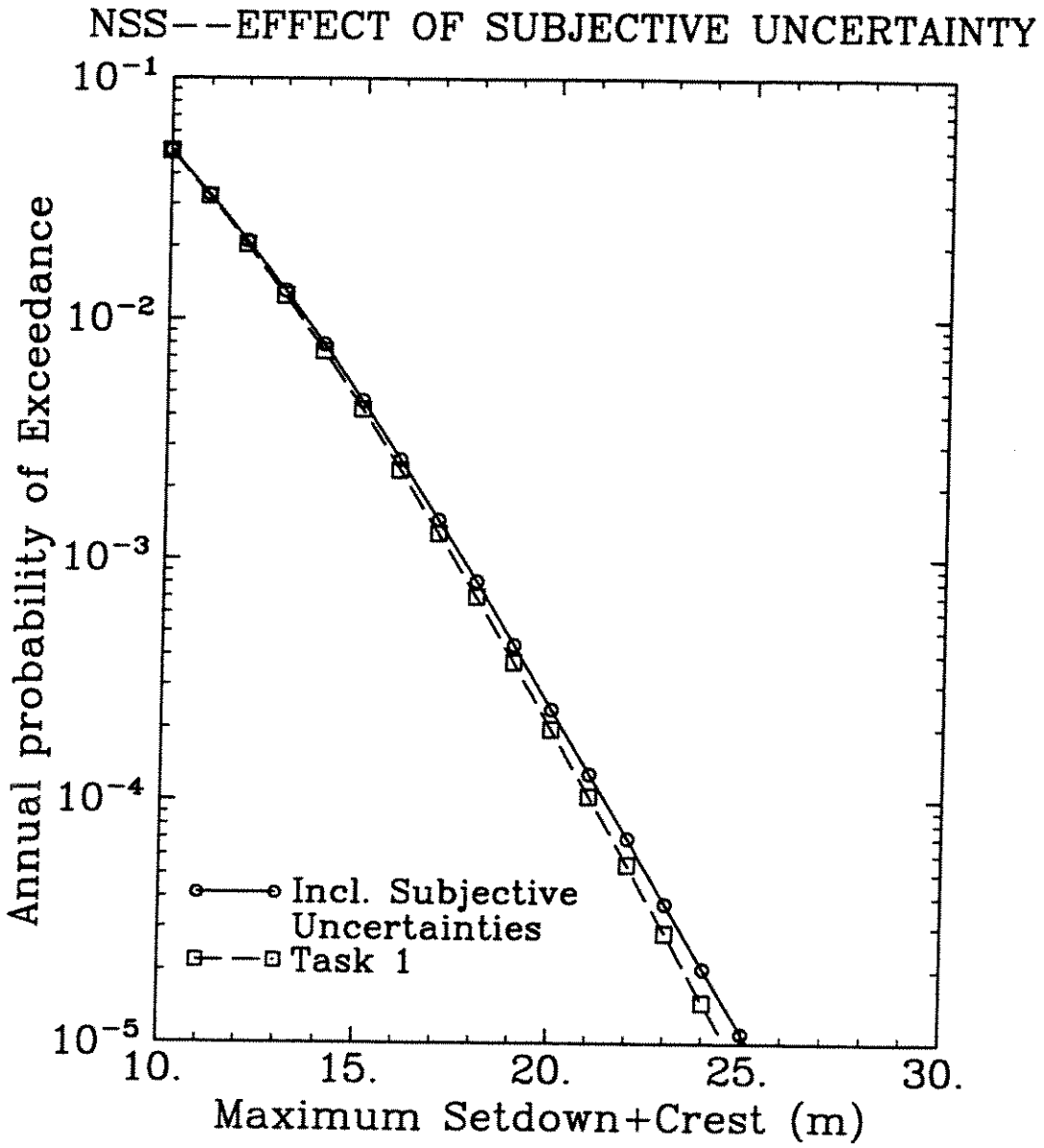

Figure 23. Effect of subjective uncertainty on the distribution of setdown plus crest: NSS platform

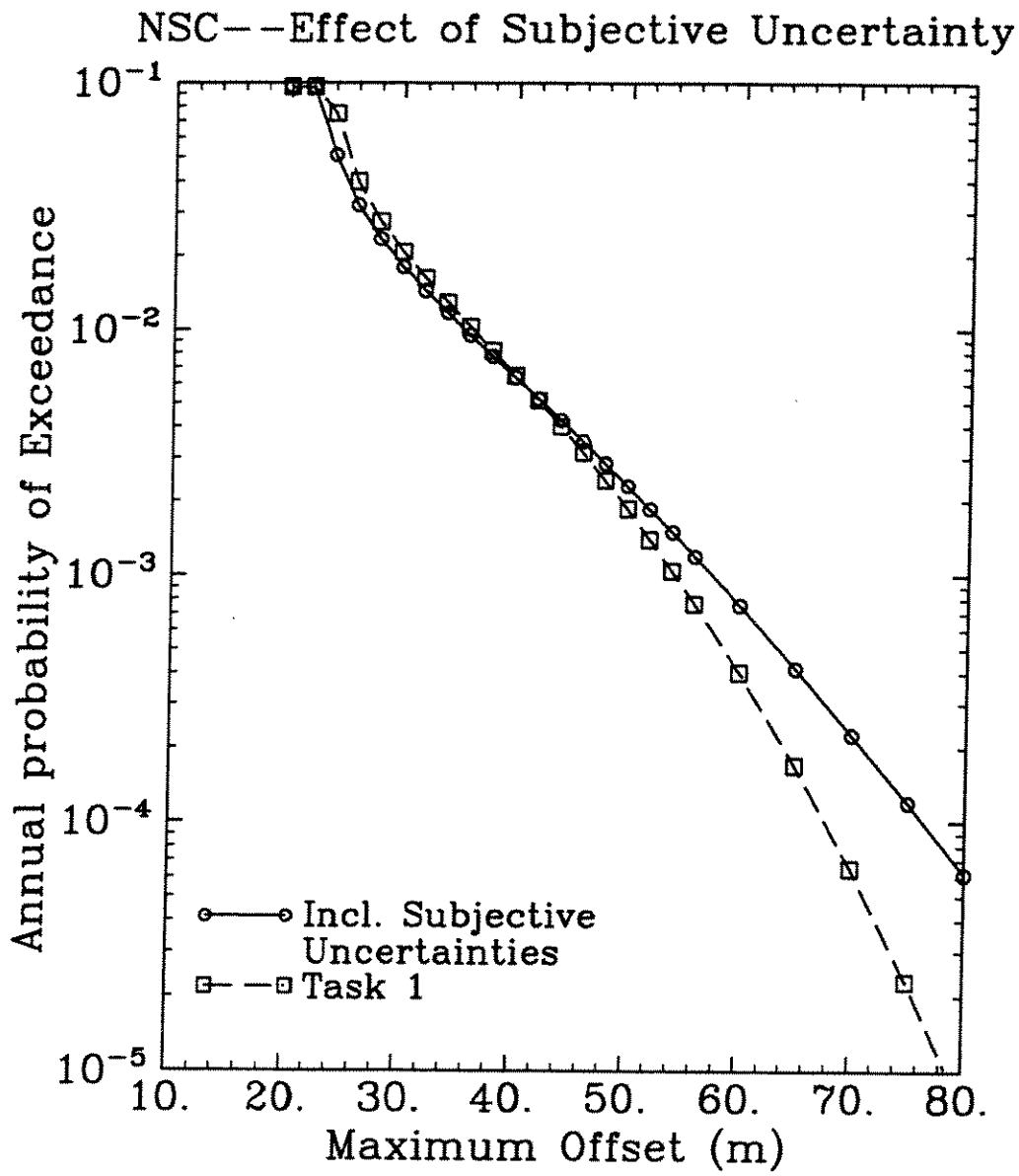

Figure 24. Effect of subjective uncertainty on the distribution of setdown plus crest: NSC platform

TASK 3 CALCULATIONS AND RESULTS: FAILURE PROBABILITIES UNDER COMBINED TENSION AND BENDING

In Task 3 we calculate probabilities of failure due to combined tension, bending, and hydrostatic pressure. The bending stresses are due to the stiffness of the elastomers at both ends of the tendons, and are proportional to the total offset. The hydrostatic pressure is treated as deterministic. In this study, we consider only a tendon cross section at the bottom.

The limit-state function for tension, bending, and hydrostatic pressure is of the form[9]

$$g(t)=1-\frac{p}{P_c}-\left[\frac{f_a(t)}{F_{ac}}+\frac{f_b(t)}{F_{bc}}\right]^{n(a,b)} \tag{25}$$

where p is the hydrostatic pressure, P_0 is the ultimate strength under hydrostatic pressure, f_a is the tensile stress (proportional to the tension T(t) of an up-weather tendon), F_{ac} is the tensile strength, f_b is the bending stress (equal to the offset angle time the elastomer stiffness), F_{bc} is the ultimate strength under bending, and n(t) is given by the expression

$$n(a,b)=n_a\left(\frac{a}{a+b}\right)+n_b\left(\frac{b}{a+b}\right) \tag{26}$$

$$n_a=2+0.023(D/\tau) \tag{27}$$

$$n_b=1+\frac{300}{D/\tau} \tag{28}$$

where $a(t)=f_a(t)/F_{ac}$, and $b(t)=[f_b(t)/F_{bc}]^{1.7}$, D is the tendon diameter, and τ is the tendon thickness. The axial strength F_{ac} is assumed equal to the yield strength. The hydrostatic and bending capacities P_0 and F_{bc} depend on the yield strength and on D/τ; they were calculated using equations provided by Reza Rashedi of Conoco (communication of July 20, 1992). For typical values of D/τ and of p/P_c, the limit-state function defined by Equations 25 through 28 is nearly linear in f_a and f_b.

Table 3 lists the tendon-section properties for the three platforms. The tendons for NSS and NSC were "designed" by Conoco for Gulf of Mexico conditions using the tension results from Task 1 of this study. Only the first of the two tendon designs provided by Conoco was used for each of these two platforms.

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[9] Source: Reza Rashedi, Conoco, personal communications of May 19 and July 20, 1992.

Calculations were performed to obtain the failure probability for given values of H_S, as well as the marginal failure probability (i.e., over all values of H_S). Subjective uncertainties in the response quantities (Table 2) were included in these calculations, as well as uncertainties on the capacities (see Table 4). Figures 25 through 27 show failure probability given H_S. Table 5 shows failure probabilities and values of the environmental quantities at the design point. Tabular results showing the values of random variables and importance factors are presented in Appendix A. The tables of importance factors indicate that the most important subjective uncertainty in response is that of static offset. The most important subjective uncertainty in capacity is that of yield strength (or axial capacity).

Table 3
Tendon Cross-Section Properties

Platform	GMS	NSS	NSC
Outside Diameter (mm)	610	457	864
thickness (mm)	20.7	28.6	28.6
Elastomer Stiffness (kNm/degree)	27.0	30.0	50.0
mean F_Y (N/mm^2)	476	547	476
P_c (N/mm^2)	15.1	59.0	14.1
F_{bc} (N/mm^2)	542	688	540
n_a	2.679	2.368	2.695
n_b	11.156	19.761	10.924

Table 4
Subjective Uncertainties in Section Capacities[1]

Quantity	Mean	Std. Deviation
F_{ac}	1.15	0.08
F_{bc}	1.15	0.11 [2]
Pc	0.95	0.13[3]

[1] Sources: Reza Rashedi, Conoco, written communication, July 20, 1992; Bob Zimmer, Conoco, telephone communication,

[2] This standard deviation represents the combined effect of uncertainty in the interaction equation (given the yield strength) and uncertainty in the yield strength (given the nominal strength). Because the values of F_{ac} and F_{bc} in Table 3 are based on the mean yield strength, we use bias factors of 1.0 in the calculations.

[3] This value is applicable to GMS and NSC, which have tendons with D/τ=30. The value for NSS is 0.15 because of uncertainty in yield strength, which has a greater effect on tendons with smaller D/τ.

Table 5
Failure Probabilities and Design Points:
Combined Tension and Bending

TLP	P_f	H_S (m)	T_p (sec)	θ_V (deg)	V_w (m/sec)	θ_W (deg)	V_C (m/sec)	θ_C (deg)
GMS	4.39E-08	17.7	15.5	-85	68.8	-82	2.1	-74
NSS	1.96E-05	15.4	15.2	-84	57.6	-84	1.6	-71
NSC	1.20E-05	15.3	15.1	-84	57.8	-84	1.7	-72

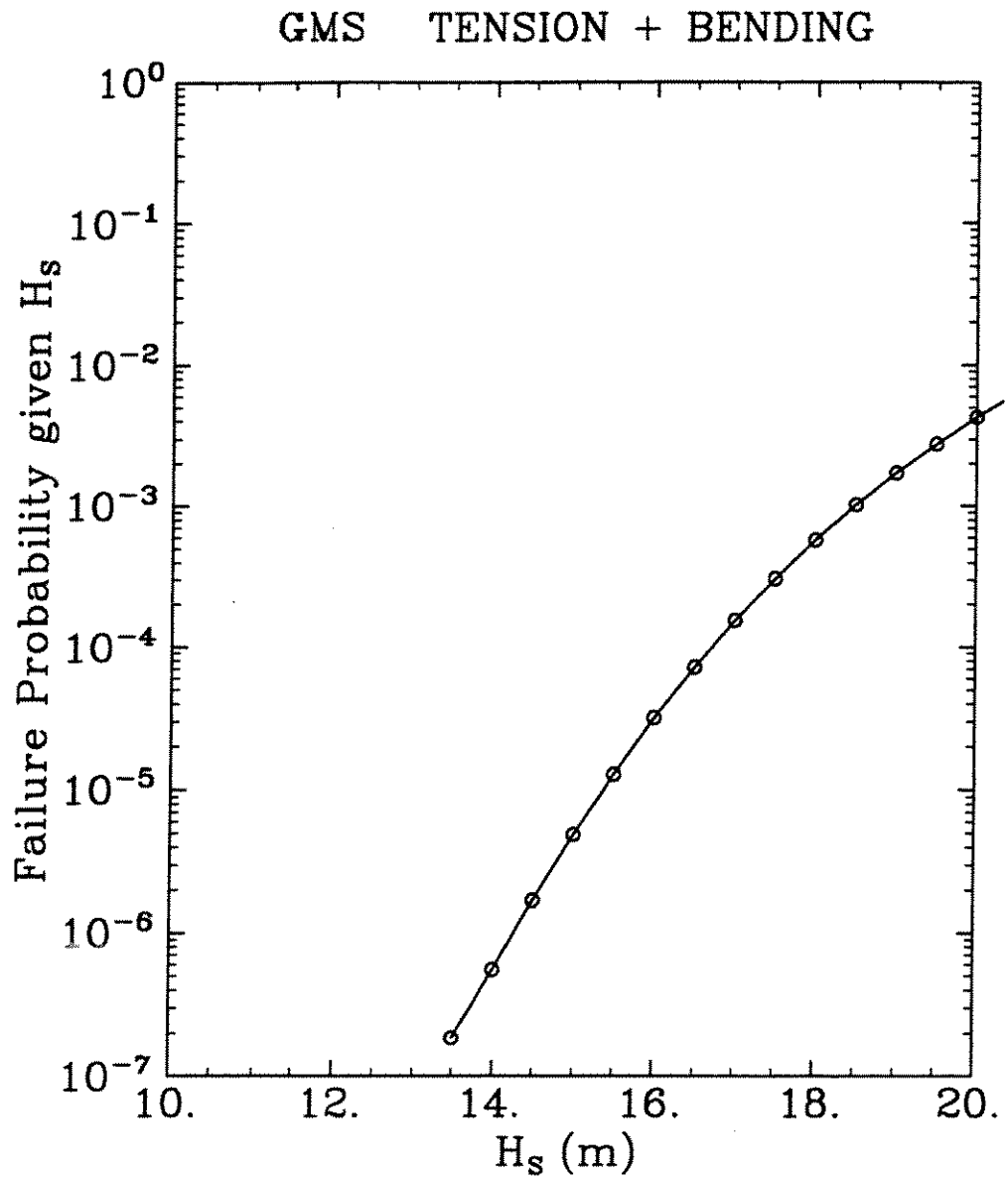

Figure 25. Probability of failure for given H_S; GMS platform.

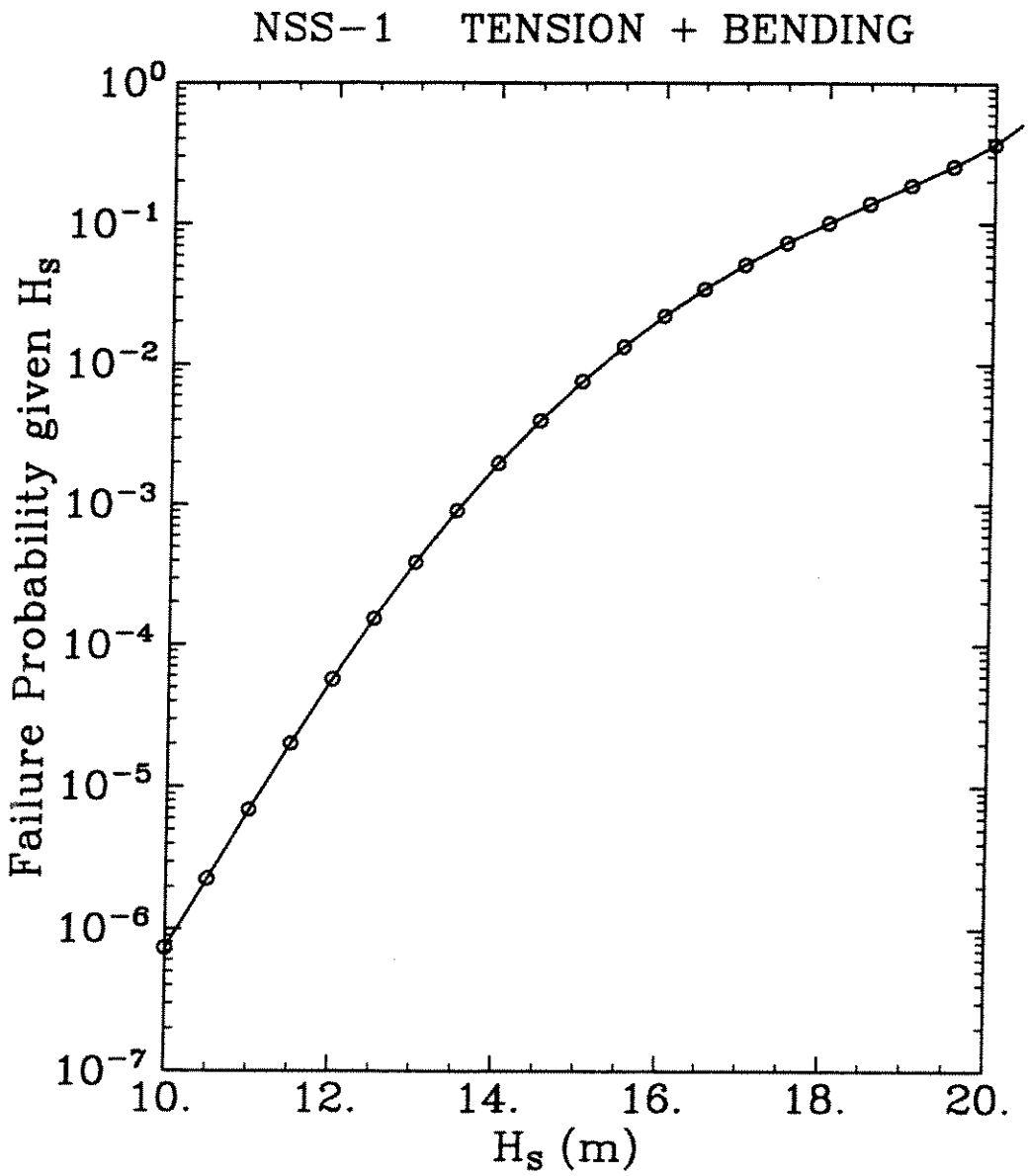

Figure 26. Failure Probability as a function of H_S; NSS Platform.

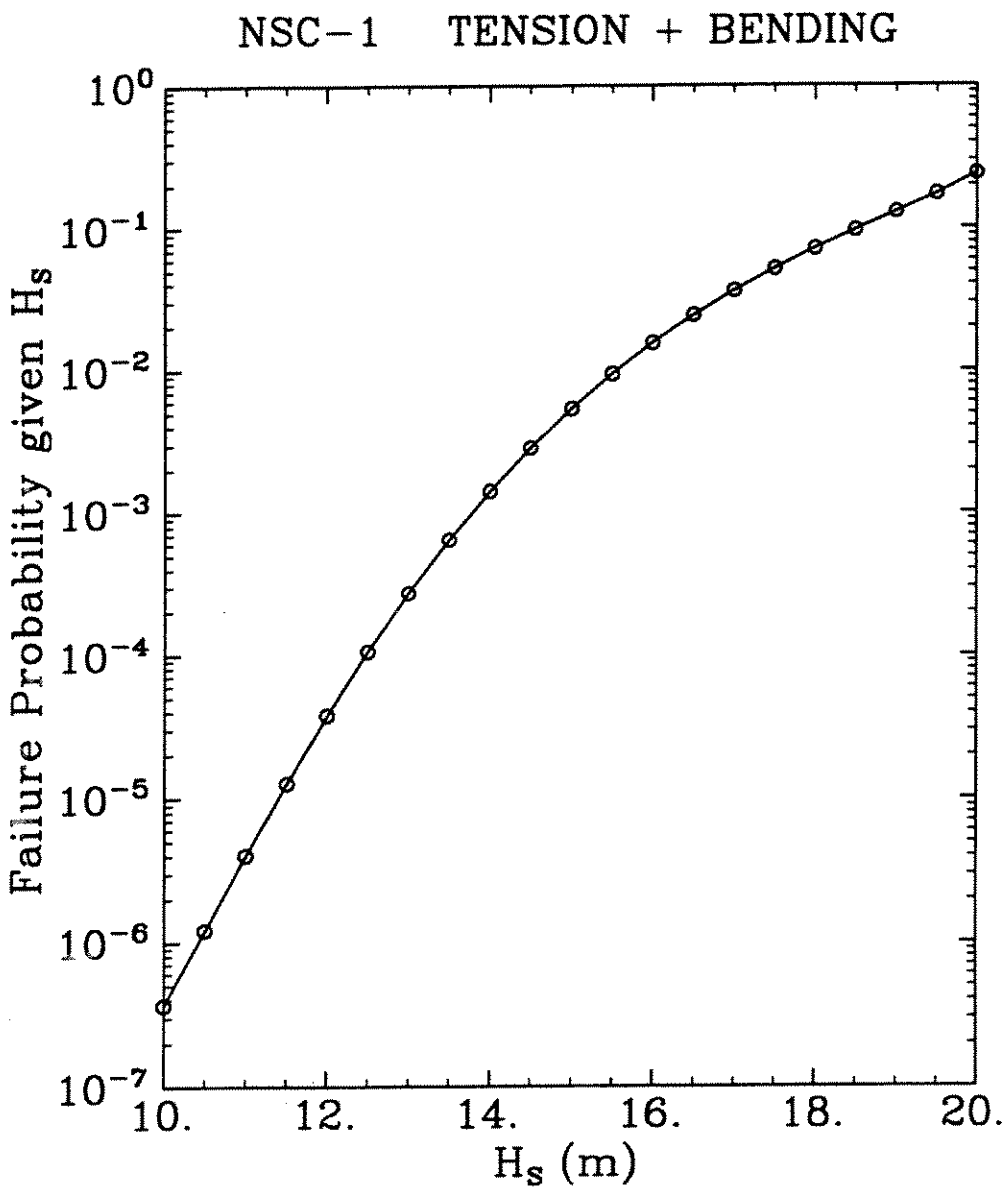

Figure 27. Probability of failure for given H_S; NSC platform.

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APPENDIX A
TABULAR RESULTS

This appendix contains tables documenting the results obtained in tasks 1, 2, and 3. Results from Task 1 consist of three tables (values of outer-loop random variables at the design point, outer-loop importance factors, and response components) for each limit state and each response quantity (i.e., a total of 36 tables; pages A-2 through A-37). Results from Task 2 consist of two tables (values of outer-loop random variables at the design point and outer-loop importance factors) for each limit state and each response quantity (i.e., a total of 24 tables; pages A-38 through A-61). Results from Task 3 consist of two sets of results. The first set consists of two tables for each platform showing values of random variables and importance factors at the design point for calculations performed with fixed values of H_S (pages A-62 through A-67). The second sets consists of two tables showing values of random variables and importance factors at the design point obtained by treating H_S as random (pages A-68 and A-69).

Platform: GMS

Quantity: Maximum Offset

Display: Random variables

Offset (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Auxil. Var.
30	1.30	9.61E-02	9.3	12.7	-75	32.0	-77	0.752	-60	-1.300
32	1.30	9.61E-02	9.3	12.7	-75	32.0	-77	0.752	-60	-1.300
34	1.35	8.85E-02	9.3	12.7	-75	32.0	-77	0.753	-60	-1.300
36	1.73	4.22E-02	9.4	12.7	-75	32.6	-76	0.773	-60	-1.310
38	1.94	2.63E-02	9.6	12.8	-76	33.5	-76	0.803	-61	-1.310
40	2.09	1.82E-02	9.8	12.9	-76	34.5	-76	0.837	-61	-1.320
42	2.21	1.36E-02	10.1	13.0	-76	35.5	-76	0.870	-62	-1.320
44	2.31	1.06E-02	10.3	13.1	-76	36.4	-76	0.904	-62	-1.330
46	2.39	8.40E-03	10.5	13.2	-76	37.4	-75	0.937	-62	-1.330
48	2.47	6.75E-03	10.8	13.3	-76	38.5	-75	0.973	-63	-1.330
48	2.47	6.76E-03	10.8	13.3	-76	38.4	-75	0.971	-63	-1.340
50	2.54	5.47E-03	11.0	13.4	-76	39.4	-75	1.010	-63	-1.340
52	2.62	4.46E-03	11.3	13.5	-76	40.5	-75	1.040	-64	-1.340
54	2.69	3.62E-03	11.5	13.6	-76	41.4	-75	1.080	-64	-1.350
56	2.75	2.94E-03	11.8	13.7	-76	42.4	-75	1.110	-64	-1.350
60	2.89	1.92E-03	12.2	13.9	-76	44.4	-75	1.180	-64	-1.370
65	3.06	1.10E-03	12.8	14.1	-76	46.9	-74	1.270	-65	-1.380
70	3.23	6.10E-04	13.4	14.3	-76	49.4	-74	1.360	-65	-1.400
75	3.41	3.24E-04	14.0	14.5	-76	52.0	-74	1.450	-65	-1.420
80	3.59	1.65E-04	14.6	14.7	-76	54.6	-74	1.540	-66	-1.440
85	3.78	8.00E-05	15.2	14.8	-76	57.2	-74	1.640	-66	-1.470
90	3.96	3.68E-05	15.8	15.0	-76	59.9	-74	1.740	-66	-1.500

Platform: GMS

Quantity: Maximum Offset

Display: Importance Factors

Offset (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Auxil. Var.
30	1.30	9.61E-02	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000
32	1.30	9.61E-02	-0.000	0.000	0.000	-0.000	-0.000	-0.000	0.000	1.000
34	1.35	8.85E-02	-0.001	0.000	0.000	-0.001	-0.000	-0.000	0.000	1.000
36	1.73	4.22E-02	-0.070	0.010	0.004	-0.044	-0.006	-0.011	0.007	0.996
38	1.94	2.63E-02	-0.167	0.023	0.007	-0.098	-0.013	-0.024	0.016	0.980
40	2.09	1.82E-02	-0.265	0.035	0.009	-0.147	-0.017	-0.036	0.022	0.951
42	2.21	1.36E-02	-0.347	0.043	0.010	-0.185	-0.020	-0.045	0.027	0.917
44	2.31	1.06E-02	-0.418	0.050	0.011	-0.215	-0.022	-0.053	0.031	0.879
46	2.39	8.40E-03	-0.476	0.056	0.011	-0.239	-0.023	-0.059	0.033	0.841
48	2.47	6.75E-03	-0.530	0.060	0.011	-0.260	-0.023	-0.065	0.035	0.801
48	2.47	6.76E-03	-0.526	0.060	0.011	-0.258	-0.023	-0.065	0.035	0.804
50	2.54	5.47E-03	-0.567	0.063	0.011	-0.273	-0.023	-0.069	0.036	0.770
52	2.62	4.46E-03	-0.606	0.067	0.011	-0.288	-0.024	-0.073	0.038	0.733
54	2.69	3.62E-03	-0.634	0.070	0.010	-0.298	-0.023	-0.076	0.038	0.705
56	2.75	2.94E-03	-0.659	0.072	0.010	-0.307	-0.023	-0.078	0.039	0.677
60	2.89	1.92E-03	-0.698	0.076	0.009	-0.322	-0.023	-0.083	0.039	0.628
65	3.06	1.10E-03	-0.734	0.081	0.009	-0.336	-0.022	-0.087	0.039	0.576
70	3.23	6.10E-04	-0.759	0.087	0.008	-0.347	-0.021	-0.091	0.039	0.535
75	3.41	3.24E-04	-0.777	0.092	0.007	-0.356	-0.020	-0.093	0.039	0.501
80	3.59	1.65E-04	-0.790	0.098	0.006	-0.365	-0.019	-0.096	0.038	0.472
85	3.78	8.00E-05	-0.800	0.104	0.006	-0.372	-0.018	-0.098	0.038	0.446
90	3.96	3.68E-05	-0.807	0.111	0.005	-0.379	-0.017	-0.100	0.037	0.426

Platform: GMS

Quantity: Maximum Offset

Display: Response Components

Offset (m)	Safety Index	Pf	Xs (m)	X(1v) (m)	X(lfw) (m)	X(2v) (m)
30	1.30	9.61E-02	22.8	1.6	2.5	3.1
32	1.30	9.61E-02	22.8	1.6	2.5	3.1
34	1.35	8.85E-02	22.8	1.6	2.5	3.1
36	1.73	4.22E-02	23.6	1.6	2.6	3.1
38	1.94	2.63E-02	24.9	1.6	2.7	3.2
40	2.09	1.82E-02	26.2	1.7	2.8	3.3
42	2.21	1.36E-02	27.6	1.8	3.0	3.4
44	2.31	1.06E-02	29.0	1.8	3.1	3.5
46	2.39	8.40E-03	30.4	1.9	3.2	3.5
48	2.47	6.75E-03	31.8	1.9	3.4	3.6
48	2.47	6.76E-03	31.8	1.9	3.4	3.6
50	2.54	5.47E-03	33.3	2.0	3.5	3.7
52	2.62	4.46E-03	34.7	2.0	3.6	3.8
54	2.69	3.62E-03	36.1	2.1	3.7	3.9
56	2.75	2.94E-03	37.6	2.2	3.9	3.9
60	2.89	1.92E-03	40.5	2.3	4.1	4.1
65	3.06	1.10E-03	44.1	2.4	4.4	4.3
70	3.23	6.10E-04	47.8	2.6	4.7	4.4
75	3.41	3.24E-04	51.5	2.7	4.9	4.6
80	3.59	1.65E-04	55.2	2.9	5.2	4.8
85	3.78	8.00E-05	58.9	3.0	5.4	4.9
90	3.96	3.68E-05	62.6	3.1	5.6	5.1

Platform: NSS

Quantity: Maximum Offset

Display: Random variables

Offset (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Auxil. Var.
12	1.76	3.88E-02	9.5	12.7	-75	32.9	-76	0.782	-60	-1.310
14	2.10	1.81E-02	10.1	13.0	-76	35.4	-76	0.865	-61	-1.330
16	2.30	1.07E-02	10.7	13.3	-76	38.0	-76	0.951	-62	-1.350
18	2.48	6.59E-03	11.3	13.6	-76	40.4	-76	1.030	-62	-1.360
20	2.65	4.08E-03	11.9	13.8	-76	42.9	-75	1.120	-63	-1.380
22	2.81	2.50E-03	12.4	14.1	-76	45.2	-75	1.200	-63	-1.400
24	2.97	1.50E-03	13.0	14.3	-76	47.5	-75	1.270	-64	-1.420
26	3.13	8.83E-04	13.5	14.5	-76	49.7	-75	1.350	-64	-1.440
28	3.29	5.07E-04	14.0	14.7	-76	51.9	-75	1.430	-64	-1.470
30	3.44	2.86E-04	14.5	14.9	-76	54.2	-75	1.500	-64	-1.500
32	3.61	1.56E-04	15.0	15.1	-76	56.4	-75	1.580	-64	-1.540
34	3.77	8.31E-05	15.5	15.2	-76	58.6	-75	1.660	-64	-1.580
36	3.93	4.30E-05	16.0	15.4	-76	60.8	-75	1.730	-65	-1.620
38	4.09	2.16E-05	16.5	15.6	-76	63.0	-75	1.810	-65	-1.660
40	4.25	1.05E-05	16.9	15.7	-76	65.2	-75	1.890	-65	-1.710
42	4.42	4.95E-06	17.4	15.9	-76	67.4	-75	1.960	-65	-1.770
44	4.59	2.27E-06	17.9	16.0	-76	69.6	-75	2.040	-65	-1.830
46	4.75	1.00E-06	18.3	16.2	-76	71.9	-75	2.120	-65	-1.900
48	4.92	4.28E-07	18.8	16.3	-76	74.0	-75	2.190	-65	-1.980
50	5.09	1.78E-07	19.2	16.4	-76	76.2	-75	2.270	-65	-2.060
52	5.26	7.13E-08	19.6	16.6	-76	78.4	-75	2.340	-65	-2.160
54	5.43	2.78E-08	20.0	16.7	-76	80.5	-75	2.410	-65	-2.260

Platform: NSS

Quantity: Maximum Offset

Display: Importance Factors

Offset (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Auxil. Var.
12	1.76	3.88E-02	-0.104	0.001	0.003	-0.061	-0.006	-0.009	0.007	0.993
14	2.10	1.81E-02	-0.345	0.002	0.008	-0.177	-0.014	-0.028	0.018	0.921
16	2.30	1.07E-02	-0.507	0.003	0.009	-0.244	-0.017	-0.039	0.024	0.825
18	2.48	6.59E-03	-0.606	0.005	0.009	-0.281	-0.018	-0.045	0.026	0.743
20	2.65	4.08E-03	-0.671	0.005	0.008	-0.305	-0.018	-0.049	0.027	0.674
22	2.81	2.50E-03	-0.712	0.006	0.008	-0.321	-0.017	-0.051	0.028	0.621
24	2.97	1.50E-03	-0.741	0.007	0.008	-0.334	-0.017	-0.053	0.028	0.579
26	3.13	8.83E-04	-0.762	0.007	0.007	-0.344	-0.016	-0.054	0.028	0.545
28	3.29	5.07E-04	-0.777	0.007	0.007	-0.352	-0.016	-0.054	0.027	0.519
30	3.44	2.86E-04	-0.789	0.008	0.006	-0.359	-0.015	-0.054	0.027	0.495
32	3.61	1.56E-04	-0.797	0.008	0.006	-0.365	-0.014	-0.054	0.026	0.478
34	3.77	8.31E-05	-0.803	0.008	0.005	-0.370	-0.014	-0.053	0.026	0.462
36	3.93	4.30E-05	-0.808	0.008	0.005	-0.375	-0.013	-0.052	0.025	0.450
38	4.09	2.16E-05	-0.812	0.009	0.005	-0.379	-0.013	-0.051	0.024	0.440
40	4.25	1.05E-05	-0.814	0.009	0.004	-0.383	-0.011	-0.050	0.023	0.432
42	4.42	4.95E-06	-0.816	0.009	0.005	-0.386	-0.012	-0.048	0.023	0.427
44	4.59	2.27E-06	-0.816	0.010	0.005	-0.389	-0.011	-0.046	0.022	0.424
46	4.75	1.00E-06	-0.816	0.010	0.004	-0.391	-0.011	-0.045	0.022	0.422
48	4.92	4.28E-07	-0.815	0.010	0.004	-0.393	-0.010	-0.043	0.021	0.423
50	5.09	1.78E-07	-0.814	0.010	0.003	-0.395	-0.009	-0.040	0.020	0.424
52	5.26	7.13E-08	-0.811	0.011	0.003	-0.396	-0.008	-0.038	0.019	0.428
54	5.43	2.78E-08	-0.809	0.011	0.003	-0.397	-0.008	-0.036	0.018	0.432

Platform: NSS

Quantity: Maximum Offset

Display: Response Components

Offset (m)	Safety Index	Pf	Xs (m)	X(1v) (m)	X(lfw) (m)	X(2v) (m)
12	1.76	3.88E-02	5.4	1.0	1.8	0.9
14	2.10	1.81E-02	6.2	1.1	2.0	1.0
16	2.30	1.07E-02	7.1	1.2	2.3	1.0
18	2.48	6.59E-03	8.1	1.4	2.6	1.1
20	2.65	4.08E-03	9.0	1.5	2.8	1.2
22	2.81	2.50E-03	10.0	1.6	3.1	1.2
24	2.97	1.50E-03	11.0	1.7	3.3	1.3
26	3.13	8.83E-04	12.0	1.8	3.6	1.3
28	3.29	5.07E-04	13.0	1.9	3.8	1.4
30	3.44	2.86E-04	14.1	2.0	4.0	1.4
32	3.61	1.56E-04	15.1	2.1	4.2	1.4
34	3.77	8.31E-05	16.2	2.2	4.4	1.5
36	3.93	4.30E-05	17.2	2.3	4.6	1.5
38	4.09	2.16E-05	18.3	2.4	4.8	1.5
40	4.25	1.05E-05	19.4	2.5	4.9	1.6
42	4.42	4.95E-06	20.5	2.6	5.1	1.6
44	4.59	2.27E-06	21.5	2.7	5.2	1.6
46	4.75	1.00E-06	22.6	2.8	5.4	1.7
48	4.92	4.28E-07	23.6	2.9	5.5	1.7
50	5.09	1.78E-07	24.7	3.0	5.6	1.7
52	5.26	7.13E-08	25.7	3.1	5.7	1.7
54	5.43	2.78E-08	26.7	3.2	5.8	1.7

Platform: NSC

Quantity: Maximum Offset

Display: Random variables

Offset (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Auxil. Var.
20	1.30	9.61E-02	9.3	12.7	-75	32.0	-77	0.752	-60	-1.300
22	1.30	9.61E-02	9.3	12.7	-75	32.0	-77	0.752	-60	-1.300
24	1.44	7.50E-02	9.3	12.7	-75	32.1	-77	0.755	-60	-1.300
26	1.75	3.97E-02	9.5	12.7	-75	33.0	-76	0.784	-60	-1.310
28	1.92	2.74E-02	9.7	12.9	-76	34.1	-76	0.822	-61	-1.320
30	2.04	2.06E-02	10.0	13.0	-76	35.3	-76	0.862	-61	-1.330
32	2.14	1.61E-02	10.3	13.1	-76	36.5	-76	0.903	-62	-1.340
34	2.23	1.28E-02	10.6	13.3	-76	37.7	-76	0.943	-62	-1.350
36	2.32	1.02E-02	10.9	13.4	-76	38.8	-76	0.981	-62	-1.360
38	2.40	8.15E-03	11.2	13.5	-76	40.1	-76	1.020	-62	-1.370
40	2.49	6.45E-03	11.4	13.6	-76	41.2	-75	1.060	-63	-1.380
42	2.57	5.12E-03	11.7	13.8	-76	42.5	-75	1.110	-63	-1.390
44	2.65	4.01E-03	12.0	13.9	-76	43.7	-75	1.140	-63	-1.410
46	2.73	3.13E-03	12.3	14.0	-76	44.9	-75	1.190	-63	-1.420
48	2.82	2.41E-03	12.6	14.1	-76	46.1	-75	1.230	-64	-1.440
48	2.82	2.41E-03	12.6	14.1	-76	46.1	-75	1.230	-64	-1.440
50	2.90	1.85E-03	12.9	14.2	-76	47.3	-75	1.270	-64	-1.450
52	2.99	1.39E-03	13.2	14.3	-76	48.5	-75	1.310	-64	-1.470
54	3.08	1.04E-03	13.4	14.4	-76	49.8	-75	1.350	-64	-1.480
56	3.17	7.66E-04	13.7	14.5	-76	51.0	-75	1.390	-64	-1.510
60	3.35	4.05E-04	14.3	14.7	-76	53.5	-75	1.480	-64	-1.540
65	3.58	1.69E-04	15.0	15.0	-76	56.7	-75	1.590	-64	-1.600
70	3.83	6.49E-05	15.7	15.2	-76	59.9	-75	1.700	-64	-1.680

Platform: NSC

Quantity: Maximum Offset

Display: Importance Factors

Offset (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Auxil. Var.
20	1.30	9.61E-02	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000
22	1.30	9.61E-02	-0.000	0.000	0.000	-0.000	-0.000	-0.000	0.000	1.000
24	1.44	7.50E-02	-0.011	0.000	0.000	-0.008	-0.001	-0.001	0.001	1.000
26	1.75	3.97E-02	-0.108	0.003	0.003	-0.071	-0.007	-0.012	0.008	0.991
28	1.92	2.74E-02	-0.223	0.007	0.006	-0.136	-0.012	-0.024	0.015	0.965
30	2.04	2.06E-02	-0.326	0.010	0.007	-0.189	-0.015	-0.033	0.020	0.925
32	2.14	1.61E-02	-0.412	0.012	0.008	-0.229	-0.017	-0.039	0.024	0.880
34	2.23	1.28E-02	-0.481	0.013	0.009	-0.259	-0.018	-0.044	0.026	0.836
36	2.32	1.02E-02	-0.532	0.014	0.009	-0.279	-0.019	-0.047	0.027	0.797
38	2.40	8.15E-03	-0.581	0.016	0.009	-0.299	-0.019	-0.050	0.028	0.754
40	2.49	6.45E-03	-0.614	0.016	0.009	-0.311	-0.019	-0.052	0.028	0.723
42	2.57	5.12E-03	-0.647	0.017	0.009	-0.324	-0.019	-0.053	0.029	0.687
44	2.65	4.01E-03	-0.669	0.017	0.008	-0.333	-0.019	-0.054	0.028	0.661
46	2.73	3.13E-03	-0.691	0.018	0.008	-0.342	-0.018	-0.055	0.028	0.633
48	2.82	2.41E-03	-0.707	0.018	0.008	-0.348	-0.018	-0.055	0.028	0.612
48	2.82	2.41E-03	-0.707	0.018	0.008	-0.348	-0.018	-0.055	0.028	0.613
50	2.90	1.85E-03	-0.723	0.019	0.008	-0.355	-0.018	-0.055	0.028	0.589
52	2.99	1.39E-03	-0.734	0.019	0.007	-0.360	-0.017	-0.055	0.027	0.572
54	3.08	1.04E-03	-0.744	0.020	0.007	-0.365	-0.017	-0.054	0.027	0.555
56	3.17	7.66E-04	-0.752	0.020	0.007	-0.369	-0.016	-0.054	0.027	0.541
60	3.35	4.05E-04	-0.767	0.021	0.007	-0.378	-0.016	-0.053	0.026	0.514
65	3.58	1.69E-04	-0.779	0.022	0.006	-0.387	-0.014	-0.050	0.024	0.490
70	3.83	6.49E-05	-0.786	0.023	0.006	-0.394	-0.013	-0.047	0.023	0.473

Platform: NSC

Quantity: Maximum Offset

Display: Response Components

Offset (m)	Safety Index	Pf	Xs (m)	X(1v) (m)	X(lfw) (m)	X(2v) (m)
20	1.30	9.61E-02	13.3	0.6	4.0	1.5
22	1.30	9.61E-02	13.3	0.6	4.0	1.5
24	1.44	7.50E-02	13.4	0.6	4.0	1.5
26	1.75	3.97E-02	14.1	0.6	4.2	1.5
28	1.92	2.74E-02	15.1	0.7	4.5	1.6
30	2.04	2.06E-02	16.1	0.7	4.7	1.6
32	2.14	1.61E-02	17.1	0.7	5.0	1.7
34	2.23	1.28E-02	18.2	0.8	5.3	1.7
36	2.32	1.02E-02	19.3	0.8	5.5	1.8
38	2.40	8.15E-03	20.4	0.9	5.8	1.8
40	2.49	6.45E-03	21.5	0.9	6.0	1.9
42	2.57	5.12E-03	22.7	1.0	6.2	1.9
44	2.65	4.01E-03	23.8	1.0	6.5	1.9
46	2.73	3.13E-03	24.9	1.1	6.7	2.0
48	2.82	2.41E-03	26.1	1.1	6.9	2.0
48	2.82	2.41E-03	26.1	1.1	6.9	2.0
50	2.90	1.85E-03	27.3	1.1	7.1	2.1
52	2.99	1.39E-03	28.5	1.2	7.3	2.1
54	3.08	1.04E-03	29.7	1.2	7.5	2.1
56	3.17	7.66E-04	30.9	1.3	7.7	2.2
60	3.35	4.05E-04	33.3	1.4	8.1	2.2
65	3.58	1.69E-04	36.3	1.5	8.5	2.3
70	3.83	6.49E-05	39.4	1.6	8.8	2.4

Platform: GMS

Quantity: Maximum Tension

Display: Random variables

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Auxil. Var.
5000	1.30	9.61E-02	9.3	12.7	-75.1	32.0	-76.8	0.8	-59.6	0.000	0.000	-1.300
5100	1.34	8.95E-02	9.3	12.7	-75.1	32.0	-76.8	0.8	-59.6	0.000	0.000	-1.300
5300	1.87	3.10E-02	9.6	12.8	-79.1	33.2	-77.9	0.8	-62.5	0.004	0.004	-1.320
5400	2.02	2.15E-02	9.8	12.9	-80.2	34.1	-78.5	0.8	-63.6	0.007	0.006	-1.320
5500	2.15	1.58E-02	10.1	13.0	-81.4	35.1	-79.1	0.9	-64.7	0.008	0.008	-1.330
5600	2.26	1.20E-02	10.3	13.1	-81.9	36.2	-79.6	0.9	-65.3	0.010	0.010	-1.340
5700	2.35	9.28E-03	10.6	13.2	-82.5	37.1	-79.6	0.9	-65.9	0.011	0.011	-1.350
5800	2.44	7.26E-03	10.8	13.4	-83.1	38.1	-80.2	1.0	-66.5	0.012	0.013	-1.360
5900	2.53	5.72E-03	11.1	13.5	-83.7	39.1	-80.2	1.0	-67.0	0.013	0.014	-1.360
6000	2.61	4.53E-03	11.3	13.6	-83.7	40.1	-80.2	1.0	-67.6	0.013	0.015	-1.360
6100	2.69	3.60E-03	11.6	13.7	-84.2	41.0	-80.8	1.1	-67.6	0.014	0.016	-1.370
6200	2.76	2.85E-03	11.8	13.8	-84.2	41.9	-80.8	1.1	-68.2	0.014	0.016	-1.380
6300	2.84	2.27E-03	12.0	13.9	-84.2	42.8	-80.8	1.1	-68.2	0.015	0.017	-1.390
6400	2.91	1.82E-03	12.3	14.0	-84.8	43.8	-80.8	1.2	-68.8	0.015	0.018	-1.390
6500	2.98	1.44E-03	12.5	14.0	-84.8	44.6	-80.8	1.2	-68.8	0.015	0.018	-1.400
6600	3.05	1.15E-03	12.7	14.1	-84.8	45.5	-81.4	1.2	-69.3	0.016	0.019	-1.400
6700	3.11	9.20E-04	12.9	14.2	-84.8	46.3	-81.4	1.2	-69.3	0.016	0.019	-1.410
6800	3.18	7.38E-04	13.1	14.3	-84.8	47.2	-81.4	1.3	-69.9	0.016	0.020	-1.400
6900	3.25	5.87E-04	13.3	14.3	-84.8	48.0	-81.4	1.3	-69.9	0.016	0.020	-1.420
7000	3.31	4.72E-04	13.5	14.4	-85.4	48.8	-81.4	1.3	-69.9	0.017	0.021	-1.410
7100	3.37	3.75E-04	13.7	14.5	-85.4	49.6	-81.9	1.4	-70.5	0.017	0.021	-1.420
7200	3.43	3.01E-04	13.9	14.6	-85.4	50.4	-81.9	1.4	-70.5	0.017	0.022	-1.430
7300	3.49	2.40E-04	14.0	14.6	-85.4	51.2	-81.9	1.4	-71.1	0.017	0.022	-1.430
7400	3.55	1.93E-04	14.2	14.7	-85.4	52.0	-81.9	1.4	-71.1	0.017	0.022	-1.430
7500	3.61	1.54E-04	14.4	14.7	-85.4	52.7	-81.9	1.5	-71.1	0.018	0.023	-1.440
7600	3.67	1.24E-04	14.6	14.8	-86.0	53.5	-81.9	1.5	-71.6	0.018	0.023	-1.440
7700	3.72	9.89E-05	14.7	14.9	-86.0	54.3	-82.5	1.5	-71.6	0.018	0.023	-1.440
7800	3.78	7.88E-05	14.9	14.9	-86.0	55.0	-82.5	1.5	-71.6	0.018	0.024	-1.450
7900	3.83	6.36E-05	15.1	15.0	-86.0	55.7	-82.5	1.6	-72.2	0.018	0.024	-1.450
8000	3.89	5.07E-05	15.2	15.0	-86.0	56.4	-82.5	1.6	-72.2	0.018	0.024	-1.460
8100	3.94	4.08E-05	15.4	15.1	-86.0	57.2	-82.5	1.6	-72.2	0.019	0.025	-1.460
8200	3.99	3.27E-05	15.6	15.1	-86.0	57.9	-82.5	1.7	-72.2	0.019	0.025	-1.460
8300	4.04	2.62E-05	15.7	15.2	-86.0	58.6	-82.5	1.7	-72.8	0.019	0.025	-1.470
8400	4.10	2.10E-05	15.9	15.2	-86.0	59.3	-83.1	1.7	-72.8	0.019	0.026	-1.470
8500	4.15	1.68E-05	16.0	15.3	-86.0	60.0	-83.1	1.7	-72.8	0.019	0.026	-1.480
8600	4.20	1.34E-05	16.2	15.3	-86.5	60.7	-83.1	1.8	-73.3	0.019	0.026	-1.490
8700	4.25	1.08E-05	16.3	15.4	-86.5	61.4	-83.1	1.8	-73.3	0.020	0.026	-1.490
8800	4.30	8.66E-06	16.5	15.4	-86.5	62.0	-83.1	1.8	-73.3	0.020	0.027	-1.490
9000	4.39	5.59E-06	16.7	15.5	-86.5	63.4	-83.1	1.9	-73.9	0.020	0.027	-1.500

Platform: GMS

Quantity: Maximum Tension

Display: Importance Factors

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmo norm.	eps(Twsp) norm.	Auxil. Var.
5000	1.30	9.61E-02	-0.000	0.000	0.000	-0.000	0.000	-0.000	0.000	-0.000	-0.000	1.000
5100	1.34	8.95E-02	-0.002	0.000	0.001	-0.001	0.000	-0.000	0.000	-0.000	-0.000	1.000
5300	1.87	3.10E-02	-0.151	0.007	0.069	-0.059	0.014	-0.009	0.006	-0.003	-0.003	0.984
5400	2.02	2.15E-02	-0.254	0.011	0.092	-0.095	0.021	-0.016	0.010	-0.005	-0.005	0.958
5500	2.15	1.58E-02	-0.345	0.014	0.105	-0.126	0.026	-0.021	0.013	-0.006	-0.006	0.923
5600	2.26	1.20E-02	-0.425	0.017	0.112	-0.152	0.030	-0.026	0.016	-0.007	-0.007	0.884
5700	2.35	9.28E-03	-0.484	0.019	0.114	-0.171	0.031	-0.031	0.019	-0.007	-0.007	0.849
5800	2.44	7.26E-03	-0.536	0.021	0.115	-0.186	0.033	-0.034	0.021	-0.007	-0.008	0.813
5900	2.53	5.72E-03	-0.579	0.023	0.114	-0.202	0.034	-0.038	0.022	-0.007	-0.008	0.779
6000	2.61	4.53E-03	-0.619	0.024	0.113	-0.216	0.034	-0.041	0.024	-0.007	-0.008	0.744
6100	2.69	3.60E-03	-0.648	0.026	0.112	-0.227	0.035	-0.044	0.025	-0.007	-0.008	0.715
6200	2.76	2.85E-03	-0.669	0.027	0.109	-0.235	0.035	-0.046	0.026	-0.007	-0.008	0.693
6300	2.84	2.27E-03	-0.690	0.028	0.107	-0.244	0.035	-0.049	0.027	-0.007	-0.008	0.669
6400	2.91	1.82E-03	-0.710	0.030	0.105	-0.253	0.035	-0.051	0.028	-0.007	-0.008	0.644
6500	2.98	1.44E-03	-0.723	0.031	0.103	-0.259	0.035	-0.053	0.029	-0.007	-0.008	0.627
6600	3.05	1.15E-03	-0.736	0.032	0.101	-0.266	0.035	-0.055	0.030	-0.007	-0.008	0.609
6700	3.11	9.20E-04	-0.748	0.033	0.099	-0.272	0.035	-0.057	0.030	-0.007	-0.008	0.592
6800	3.18	7.38E-04	-0.760	0.034	0.097	-0.278	0.035	-0.058	0.031	-0.007	-0.008	0.574
6900	3.25	5.87E-04	-0.767	0.035	0.095	-0.283	0.034	-0.060	0.031	-0.006	-0.008	0.562
7000	3.31	4.72E-04	-0.776	0.036	0.094	-0.288	0.034	-0.062	0.032	-0.006	-0.008	0.546
7100	3.37	3.75E-04	-0.782	0.037	0.092	-0.293	0.034	-0.063	0.032	-0.006	-0.008	0.536
7200	3.43	3.01E-04	-0.789	0.038	0.091	-0.297	0.034	-0.064	0.033	-0.006	-0.008	0.523
7300	3.49	2.40E-04	-0.793	0.039	0.089	-0.301	0.034	-0.066	0.033	-0.006	-0.008	0.514
7400	3.55	1.93E-04	-0.800	0.040	0.088	-0.306	0.034	-0.067	0.033	-0.006	-0.008	0.501
7500	3.61	1.54E-04	-0.803	0.041	0.086	-0.309	0.034	-0.068	0.034	-0.006	-0.008	0.493
7600	3.67	1.24E-04	-0.808	0.043	0.085	-0.313	0.034	-0.069	0.034	-0.006	-0.008	0.483
7700	3.72	9.89E-05	-0.811	0.044	0.084	-0.317	0.034	-0.070	0.034	-0.006	-0.008	0.475
7800	3.78	7.88E-05	-0.813	0.045	0.083	-0.320	0.034	-0.071	0.035	-0.006	-0.008	0.468
7900	3.83	6.36E-05	-0.817	0.046	0.082	-0.324	0.034	-0.072	0.035	-0.006	-0.008	0.459
8000	3.89	5.07E-05	-0.819	0.047	0.081	-0.327	0.034	-0.073	0.035	-0.006	-0.008	0.453
8100	3.94	4.08E-05	-0.822	0.048	0.080	-0.330	0.034	-0.074	0.035	-0.006	-0.008	0.445
8200	3.99	3.27E-05	-0.824	0.049	0.079	-0.333	0.034	-0.075	0.035	-0.006	-0.007	0.439
8300	4.04	2.62E-05	-0.826	0.050	0.078	-0.336	0.033	-0.076	0.036	-0.006	-0.007	0.433
8400	4.10	2.10E-05	-0.828	0.051	0.077	-0.339	0.033	-0.077	0.036	-0.006	-0.007	0.427
8500	4.15	1.68E-05	-0.830	0.052	0.076	-0.342	0.033	-0.078	0.036	-0.006	-0.007	0.422
8600	4.20	1.34E-05	-0.830	0.053	0.075	-0.345	0.033	-0.079	0.036	-0.005	-0.007	0.418
8700	4.25	1.08E-05	-0.832	0.054	0.074	-0.347	0.033	-0.079	0.036	-0.005	-0.007	0.412
8800	4.30	8.66E-06	-0.833	0.055	0.074	-0.350	0.033	-0.080	0.036	-0.005	-0.007	0.407
9000	4.39	5.59E-06	-0.836	0.057	0.072	-0.355	0.033	-0.081	0.037	-0.005	-0.007	0.397

Platform: GMS

Quantity: Maximum Tension

Display: Response Components

Tension (kN/tend)	Safety Index	Pf	Tstatic (kN/tend)	Tst.mom (kN/tend)	T1v,rms (kN/tend)	T2v,rms (kN/tend)	Twsp.rms (kN/tend)
5000	1.30	9.61E-02	3720.0	281.0	360.0	53.4	56.7
5100	1.34	8.95E-02	3720.0	281.0	360.0	53.4	56.7
5300	1.87	3.10E-02	3750.0	303.0	372.0	59.1	61.1
5400	2.02	2.15E-02	3770.0	320.0	381.0	63.8	64.7
5500	2.15	1.58E-02	3800.0	339.0	391.0	68.9	68.6
5600	2.26	1.20E-02	3830.0	359.0	401.0	74.3	72.7
5700	2.35	9.28E-03	3860.0	379.0	411.0	80.0	76.9
5800	2.44	7.26E-03	3900.0	400.0	421.0	85.7	81.1
5900	2.53	5.72E-03	3930.0	421.0	430.0	91.4	85.4
6000	2.61	4.53E-03	3970.0	441.0	440.0	97.1	89.6
6100	2.69	3.60E-03	4000.0	462.0	449.0	103.0	93.9
6200	2.76	2.85E-03	4040.0	484.0	458.0	109.0	98.3
6300	2.84	2.27E-03	4080.0	505.0	467.0	115.0	103.0
6400	2.91	1.82E-03	4110.0	526.0	476.0	120.0	107.0
6500	2.98	1.44E-03	4150.0	548.0	484.0	126.0	111.0
6600	3.05	1.15E-03	4190.0	569.0	492.0	132.0	116.0
6700	3.11	9.20E-04	4230.0	590.0	500.0	138.0	120.0
6800	3.18	7.38E-04	4280.0	612.0	508.0	143.0	125.0
6900	3.25	5.87E-04	4320.0	634.0	516.0	149.0	129.0
7000	3.31	4.72E-04	4360.0	655.0	523.0	154.0	133.0
7100	3.37	3.75E-04	4400.0	677.0	531.0	160.0	138.0
7200	3.43	3.01E-04	4440.0	699.0	538.0	165.0	142.0
7300	3.49	2.40E-04	4490.0	721.0	545.0	171.0	147.0
7400	3.55	1.93E-04	4530.0	743.0	552.0	176.0	151.0
7500	3.61	1.54E-04	4570.0	765.0	559.0	182.0	156.0
7600	3.67	1.24E-04	4610.0	787.0	566.0	187.0	160.0
7700	3.72	9.89E-05	4660.0	809.0	572.0	192.0	165.0
7800	3.78	7.88E-05	4700.0	831.0	579.0	198.0	169.0
7900	3.83	6.36E-05	4750.0	854.0	585.0	203.0	174.0
8000	3.89	5.07E-05	4790.0	876.0	591.0	208.0	179.0
8100	3.94	4.08E-05	4840.0	899.0	598.0	213.0	183.0
8200	3.99	3.27E-05	4880.0	921.0	604.0	218.0	188.0
8300	4.04	2.62E-05	4920.0	944.0	610.0	223.0	192.0
8400	4.10	2.10E-05	4970.0	967.0	616.0	228.0	197.0
8500	4.15	1.68E-05	5020.0	989.0	622.0	233.0	202.0
8600	4.20	1.34E-05	5060.0	1010.0	627.0	238.0	207.0
8700	4.25	1.08E-05	5110.0	1040.0	633.0	243.0	211.0
8800	4.30	8.66E-06	5150.0	1060.0	639.0	247.0	216.0
9000	4.39	5.59E-06	5240.0	1100.0	650.0	257.0	225.0

Platform: NSS

Quantity: Maximum Tension

Display: Random variables

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Auxil. Var.
11400	1.67	4.78E-02	9.4	12.7	-77.4	32.5	-77.9	0.8	-61.3	0.012	0.003	-1.310
11600	1.88	3.02E-02	9.6	12.8	-79.6	33.4	-79.1	0.8	-63.0	0.027	0.008	-1.320
11800	2.03	2.11E-02	9.9	13.0	-81.4	34.5	-80.2	0.8	-63.6	0.041	0.012	-1.330
12000	2.16	1.53E-02	10.2	13.1	-81.9	35.7	-81.4	0.9	-64.7	0.051	0.016	-1.350
12200	2.28	1.14E-02	10.5	13.2	-83.1	36.8	-81.9	0.9	-65.3	0.060	0.019	-1.360
12400	2.38	8.68E-03	10.8	13.4	-83.7	38.0	-82.5	0.9	-65.3	0.066	0.022	-1.370
12600	2.48	6.63E-03	11.1	13.5	-83.7	39.2	-82.5	1.0	-65.9	0.071	0.025	-1.380
12800	2.57	5.08E-03	11.4	13.6	-84.2	40.3	-83.1	1.0	-66.5	0.075	0.027	-1.400
13000	2.66	3.90E-03	11.7	13.8	-84.2	41.5	-83.7	1.1	-66.5	0.078	0.029	-1.410
13200	2.75	2.99E-03	12.0	13.9	-84.8	42.6	-83.7	1.1	-66.5	0.080	0.031	-1.420
13400	2.83	2.30E-03	12.3	14.0	-84.8	43.7	-84.2	1.1	-67.0	0.082	0.033	-1.430
13600	2.92	1.76E-03	12.5	14.1	-84.8	44.7	-84.2	1.2	-67.0	0.084	0.034	-1.440
13800	3.00	1.35E-03	12.8	14.2	-84.8	45.8	-84.2	1.2	-67.6	0.085	0.036	-1.450
14000	3.08	1.04E-03	13.0	14.3	-85.4	46.8	-84.8	1.2	-67.6	0.086	0.037	-1.460
14200	3.16	7.99E-04	13.3	14.4	-85.4	47.8	-84.8	1.3	-67.6	0.087	0.038	-1.470
14400	3.23	6.14E-04	13.5	14.5	-85.4	48.9	-84.8	1.3	-68.2	0.087	0.039	-1.470
14600	3.31	4.73E-04	13.7	14.6	-85.4	49.8	-84.8	1.3	-68.2	0.088	0.040	-1.480
14800	3.38	3.64E-04	14.0	14.7	-85.4	50.8	-85.4	1.4	-68.2	0.088	0.041	-1.490
15000	3.45	2.80E-04	14.2	14.7	-85.4	51.8	-85.4	1.4	-68.8	0.088	0.042	-1.500
15200	3.52	2.15E-04	14.4	14.8	-85.4	52.7	-85.4	1.4	-68.8	0.088	0.043	-1.510
15400	3.59	1.66E-04	14.6	14.9	-86.0	53.6	-85.4	1.5	-68.8	0.089	0.044	-1.510
15600	3.66	1.28E-04	14.8	15.0	-86.0	54.5	-85.4	1.5	-69.3	0.089	0.045	-1.520
15800	3.72	9.99E-05	15.0	15.0	-86.0	55.4	-86.0	1.5	-69.3	0.089	0.046	-1.520
16000	3.78	7.69E-05	15.2	15.1	-86.0	56.3	-85.4	1.6	-69.3	0.088	0.046	-1.540
16200	3.85	5.96E-05	15.4	15.2	-86.0	57.1	-85.4	1.6	-69.9	0.088	0.047	-1.540
16400	3.91	4.65E-05	15.6	15.2	-86.0	58.0	-86.0	1.6	-69.9	0.088	0.047	-1.540
16600	3.97	3.61E-05	15.7	15.3	-86.0	58.8	-86.0	1.7	-69.9	0.088	0.048	-1.550
16800	4.03	2.81E-05	15.9	15.4	-86.0	59.7	-86.0	1.7	-69.9	0.088	0.049	-1.560
17000	4.09	2.19E-05	16.1	15.4	-86.0	60.5	-86.0	1.7	-70.5	0.088	0.049	-1.570

Platform: NSS

Quantity: Maximum Tension

Display: Importance Factors

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmo norm.	eps(Twsp norm.	Auxil. Var.
11400	1.67	4.78E-02	-0.069	0.001	0.041	-0.027	0.017	-0.001	0.001	-0.009	-0.002	0.996
11600	1.88	3.02E-02	-0.181	0.003	0.083	-0.067	0.037	-0.002	0.002	-0.020	-0.006	0.977
11800	2.03	2.11E-02	-0.290	0.005	0.103	-0.102	0.050	-0.004	0.003	-0.029	-0.009	0.944
12000	2.16	1.53E-02	-0.388	0.006	0.114	-0.133	0.058	-0.006	0.004	-0.034	-0.011	0.902
12200	2.28	1.14E-02	-0.468	0.007	0.118	-0.158	0.063	-0.007	0.005	-0.038	-0.012	0.858
12400	2.38	8.68E-03	-0.531	0.008	0.119	-0.178	0.066	-0.008	0.006	-0.039	-0.013	0.816
12600	2.48	6.63E-03	-0.581	0.008	0.117	-0.194	0.068	-0.010	0.007	-0.040	-0.014	0.777
12800	2.57	5.08E-03	-0.622	0.009	0.115	-0.208	0.068	-0.011	0.008	-0.040	-0.014	0.742
13000	2.66	3.90E-03	-0.654	0.009	0.112	-0.221	0.068	-0.012	0.009	-0.039	-0.015	0.710
13200	2.75	2.99E-03	-0.680	0.009	0.110	-0.232	0.068	-0.013	0.010	-0.039	-0.015	0.682
13400	2.83	2.30E-03	-0.702	0.009	0.107	-0.242	0.067	-0.014	0.011	-0.038	-0.015	0.656
13600	2.92	1.76E-03	-0.719	0.010	0.103	-0.250	0.066	-0.015	0.011	-0.037	-0.015	0.635
13800	3.00	1.35E-03	-0.734	0.010	0.101	-0.259	0.066	-0.016	0.012	-0.036	-0.015	0.614
14000	3.08	1.04E-03	-0.748	0.010	0.098	-0.267	0.065	-0.017	0.013	-0.035	-0.015	0.595
14200	3.16	7.99E-04	-0.759	0.010	0.096	-0.274	0.064	-0.018	0.014	-0.034	-0.015	0.578
14400	3.23	6.14E-04	-0.769	0.011	0.094	-0.281	0.063	-0.019	0.014	-0.033	-0.015	0.562
14600	3.31	4.73E-04	-0.777	0.011	0.092	-0.288	0.062	-0.020	0.015	-0.032	-0.015	0.547
14800	3.38	3.64E-04	-0.784	0.011	0.090	-0.294	0.062	-0.021	0.016	-0.032	-0.015	0.534
15000	3.45	2.80E-04	-0.790	0.011	0.088	-0.300	0.061	-0.022	0.016	-0.031	-0.015	0.522
15200	3.52	2.15E-04	-0.795	0.011	0.086	-0.305	0.060	-0.023	0.017	-0.030	-0.015	0.512
15400	3.59	1.66E-04	-0.800	0.011	0.084	-0.311	0.059	-0.023	0.017	-0.029	-0.015	0.501
15600	3.66	1.28E-04	-0.804	0.011	0.082	-0.316	0.058	-0.024	0.018	-0.029	-0.014	0.492
15800	3.72	9.99E-05	-0.809	0.012	0.082	-0.321	0.058	-0.025	0.018	-0.028	-0.014	0.481
16000	3.78	7.69E-05	-0.811	0.012	0.079	-0.325	0.057	-0.026	0.019	-0.027	-0.014	0.474
16200	3.85	5.96E-05	-0.814	0.012	0.078	-0.330	0.056	-0.026	0.019	-0.027	-0.014	0.467
16400	3.91	4.65E-05	-0.817	0.012	0.078	-0.334	0.057	-0.027	0.020	-0.026	-0.014	0.458
16600	3.97	3.61E-05	-0.819	0.012	0.076	-0.338	0.056	-0.028	0.020	-0.026	-0.014	0.451
16800	4.03	2.81E-05	-0.821	0.012	0.075	-0.342	0.056	-0.028	0.020	-0.025	-0.014	0.445
17000	4.09	2.19E-05	-0.823	0.012	0.074	-0.346	0.055	-0.029	0.021	-0.025	-0.014	0.439

Platform: NSS

Quantity: Maximum Tension

Display: Response Components

Tension (kN/tend)	Safety Index	Pf	Tstatic (kN/tend)	Tst.mom (kN/tend)	T1v,rms (kN/tend)	T2v,rms (kN/tend)	Twsp.rms (kN/tend)
11400	1.67	4.78E-02	8330.0	710.0	699.0	25.8	262.0
11600	1.88	3.02E-02	8340.0	751.0	716.0	28.0	276.0
11800	2.03	2.11E-02	8350.0	801.0	737.0	30.7	295.0
12000	2.16	1.53E-02	8370.0	856.0	759.0	33.9	315.0
12200	2.28	1.14E-02	8380.0	914.0	781.0	37.3	336.0
12400	2.38	8.68E-03	8400.0	974.0	804.0	40.9	358.0
12600	2.48	6.63E-03	8410.0	1030.0	826.0	44.6	380.0
12800	2.57	5.08E-03	8430.0	1100.0	848.0	48.5	403.0
13000	2.66	3.90E-03	8450.0	1160.0	870.0	52.6	426.0
13200	2.75	2.99E-03	8470.0	1220.0	891.0	56.7	450.0
13400	2.83	2.30E-03	8500.0	1290.0	911.0	60.9	473.0
13600	2.92	1.76E-03	8520.0	1350.0	931.0	65.2	497.0
13800	3.00	1.35E-03	8540.0	1410.0	950.0	69.6	521.0
14000	3.08	1.04E-03	8570.0	1480.0	969.0	74.0	545.0
14200	3.16	7.99E-04	8600.0	1540.0	987.0	78.4	569.0
14400	3.23	6.14E-04	8620.0	1610.0	1000.0	82.9	593.0
14600	3.31	4.73E-04	8650.0	1670.0	1020.0	87.4	617.0
14800	3.38	3.64E-04	8680.0	1740.0	1040.0	91.9	641.0
15000	3.45	2.80E-04	8710.0	1800.0	1050.0	96.4	665.0
15200	3.52	2.15E-04	8740.0	1870.0	1070.0	101.0	690.0
15400	3.59	1.66E-04	8780.0	1940.0	1090.0	106.0	714.0
15600	3.66	1.28E-04	8810.0	2000.0	1100.0	110.0	739.0
15800	3.72	9.99E-05	8840.0	2070.0	1110.0	115.0	762.0
16000	3.78	7.69E-05	8870.0	2130.0	1130.0	119.0	787.0
16200	3.85	5.96E-05	8910.0	2200.0	1140.0	124.0	811.0
16400	3.91	4.65E-05	8940.0	2260.0	1160.0	128.0	835.0
16600	3.97	3.61E-05	8980.0	2330.0	1170.0	133.0	860.0
16800	4.03	2.81E-05	9020.0	2390.0	1180.0	137.0	884.0
17000	4.09	2.19E-05	9050.0	2460.0	1200.0	141.0	908.0

Platform: NSC

Quantity: Maximum Tension

Display: Random variables

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Auxil. Var.
17000	1.56	5.90E-02	9.3	12.7	-75.6	32.2	-77.4	0.8	-60.2	0.003	0.004	-1.310
17300	1.81	3.51E-02	9.5	12.8	-77.9	32.9	-78.5	0.8	-61.9	0.012	0.016	-1.310
17500	1.97	2.45E-02	9.7	12.9	-79.1	33.8	-79.1	0.8	-62.5	0.019	0.028	-1.320
17800	2.09	1.81E-02	9.9	13.0	-80.2	34.7	-80.2	0.8	-63.6	0.025	0.038	-1.330
18000	2.20	1.40E-02	10.1	13.1	-80.8	35.6	-80.8	0.9	-64.2	0.030	0.046	-1.340
18300	2.29	1.11E-02	10.4	13.2	-81.4	36.5	-80.8	0.9	-64.7	0.034	0.054	-1.340
18500	2.37	8.81E-03	10.6	13.3	-81.9	37.4	-81.4	0.9	-65.3	0.037	0.060	-1.340
18800	2.45	7.12E-03	10.8	13.4	-81.9	38.3	-81.9	1.0	-65.9	0.040	0.065	-1.350
19000	2.52	5.79E-03	11.0	13.5	-82.5	39.2	-81.9	1.0	-65.9	0.042	0.070	-1.360
19300	2.60	4.73E-03	11.3	13.5	-82.5	40.0	-82.5	1.0	-66.5	0.043	0.073	-1.370
19500	2.66	3.88E-03	11.5	13.6	-83.1	40.9	-82.5	1.1	-66.5	0.045	0.077	-1.370
19800	2.73	3.18E-03	11.7	13.7	-83.1	41.7	-82.5	1.1	-67.0	0.046	0.079	-1.380
20000	2.79	2.62E-03	11.9	13.8	-83.1	42.5	-83.1	1.1	-67.0	0.047	0.082	-1.380
20300	2.85	2.16E-03	12.1	13.9	-83.1	43.3	-83.1	1.1	-67.6	0.048	0.084	-1.390
20500	2.91	1.79E-03	12.3	14.0	-83.7	44.1	-83.1	1.2	-67.6	0.049	0.087	-1.380
20800	2.97	1.48E-03	12.4	14.0	-83.7	44.9	-83.1	1.2	-68.2	0.049	0.089	-1.390
21000	3.03	1.23E-03	12.6	14.1	-83.7	45.6	-83.7	1.2	-68.2	0.050	0.090	-1.390
21300	3.09	1.01E-03	12.8	14.2	-83.7	46.3	-83.7	1.2	-68.8	0.050	0.091	-1.400
21500	3.14	8.46E-04	13.0	14.2	-83.7	47.1	-83.7	1.3	-68.8	0.051	0.093	-1.400
21800	3.20	6.99E-04	13.1	14.3	-83.7	47.8	-83.7	1.3	-68.8	0.051	0.094	-1.410
22000	3.25	5.86E-04	13.3	14.4	-83.7	48.5	-83.7	1.3	-69.3	0.052	0.096	-1.400
22300	3.30	4.85E-04	13.4	14.4	-84.2	49.2	-83.7	1.3	-69.3	0.052	0.096	-1.420
22500	3.35	4.07E-04	13.6	14.5	-84.2	49.9	-84.2	1.4	-69.3	0.053	0.098	-1.410
22800	3.40	3.38E-04	13.7	14.5	-84.2	50.5	-84.2	1.4	-69.9	0.053	0.098	-1.420
23000	3.45	2.84E-04	13.9	14.6	-84.2	51.2	-84.2	1.4	-69.9	0.053	0.099	-1.420
23300	3.49	2.37E-04	14.0	14.7	-84.2	51.8	-84.2	1.4	-69.9	0.053	0.100	-1.420
23500	3.54	1.98E-04	14.2	14.7	-84.2	52.5	-84.2	1.5	-69.9	0.054	0.101	-1.430
23800	3.59	1.67E-04	14.3	14.8	-84.2	53.1	-84.2	1.5	-70.5	0.054	0.102	-1.430
24000	3.63	1.40E-04	14.5	14.8	-84.2	53.7	-84.2	1.5	-70.5	0.054	0.102	-1.430
24300	3.68	1.17E-04	14.6	14.9	-84.2	54.3	-84.2	1.5	-70.5	0.054	0.103	-1.440
24500	3.72	9.82E-05	14.7	14.9	-84.2	54.9	-84.8	1.5	-71.1	0.055	0.103	-1.450

Platform: NSC

Quantity: Maximum Tension

Display: Importance Factors

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom norm.	eps(Twsp) norm.	Auxil. Var.
17000	1.56	5.90E-02	-0.029	0.001	0.015	-0.015	0.007	-0.001	0.001	-0.002	-0.003	0.999
17300	1.81	3.51E-02	-0.115	0.004	0.049	-0.055	0.024	-0.006	0.004	-0.009	-0.012	0.990
17500	1.97	2.45E-02	-0.207	0.006	0.071	-0.094	0.037	-0.010	0.007	-0.014	-0.020	0.970
17800	2.09	1.81E-02	-0.295	0.009	0.086	-0.130	0.047	-0.014	0.010	-0.018	-0.027	0.941
18000	2.20	1.40E-02	-0.367	0.010	0.094	-0.158	0.052	-0.018	0.012	-0.020	-0.032	0.909
18300	2.29	1.11E-02	-0.431	0.012	0.098	-0.182	0.056	-0.021	0.015	-0.022	-0.035	0.875
18500	2.37	8.81E-03	-0.490	0.014	0.101	-0.204	0.059	-0.024	0.017	-0.023	-0.038	0.837
18800	2.45	7.12E-03	-0.532	0.015	0.101	-0.220	0.060	-0.027	0.019	-0.024	-0.039	0.807
19000	2.52	5.79E-03	-0.570	0.016	0.100	-0.235	0.061	-0.029	0.020	-0.024	-0.040	0.777
19300	2.60	4.73E-03	-0.599	0.016	0.099	-0.246	0.061	-0.032	0.021	-0.024	-0.040	0.750
19500	2.66	3.88E-03	-0.628	0.017	0.098	-0.258	0.061	-0.034	0.023	-0.024	-0.041	0.723
19800	2.73	3.18E-03	-0.648	0.018	0.096	-0.267	0.061	-0.036	0.024	-0.023	-0.040	0.701
20000	2.79	2.62E-03	-0.669	0.018	0.095	-0.276	0.061	-0.037	0.025	-0.023	-0.040	0.677
20300	2.85	2.16E-03	-0.685	0.019	0.093	-0.283	0.060	-0.039	0.026	-0.023	-0.040	0.659
20500	2.91	1.79E-03	-0.702	0.020	0.092	-0.291	0.060	-0.041	0.027	-0.022	-0.040	0.637
20800	2.97	1.48E-03	-0.715	0.020	0.090	-0.298	0.060	-0.042	0.028	-0.022	-0.040	0.620
21000	3.03	1.23E-03	-0.726	0.020	0.089	-0.303	0.059	-0.044	0.028	-0.022	-0.039	0.604
21300	3.09	1.01E-03	-0.733	0.021	0.087	-0.308	0.058	-0.045	0.029	-0.021	-0.039	0.593
21500	3.14	8.46E-04	-0.744	0.021	0.086	-0.314	0.058	-0.046	0.030	-0.021	-0.038	0.576
21800	3.20	6.99E-04	-0.750	0.022	0.084	-0.318	0.057	-0.047	0.030	-0.021	-0.038	0.567
22000	3.25	5.86E-04	-0.759	0.022	0.083	-0.323	0.057	-0.048	0.031	-0.020	-0.038	0.552
22300	3.30	4.85E-04	-0.763	0.022	0.082	-0.327	0.056	-0.049	0.031	-0.020	-0.037	0.544
22500	3.35	4.07E-04	-0.770	0.023	0.081	-0.332	0.056	-0.051	0.032	-0.020	-0.037	0.531
22800	3.40	3.38E-04	-0.774	0.023	0.079	-0.335	0.055	-0.051	0.032	-0.019	-0.036	0.524
23000	3.45	2.84E-04	-0.780	0.023	0.078	-0.339	0.055	-0.052	0.032	-0.019	-0.036	0.512
23300	3.49	2.37E-04	-0.784	0.023	0.077	-0.343	0.054	-0.053	0.033	-0.019	-0.035	0.504
23500	3.54	1.98E-04	-0.786	0.024	0.076	-0.346	0.054	-0.054	0.033	-0.019	-0.035	0.497
23800	3.59	1.67E-04	-0.791	0.024	0.075	-0.349	0.053	-0.055	0.033	-0.018	-0.035	0.488
24000	3.63	1.40E-04	-0.794	0.024	0.074	-0.352	0.053	-0.056	0.034	-0.018	-0.034	0.481
24300	3.68	1.17E-04	-0.796	0.024	0.073	-0.355	0.052	-0.056	0.034	-0.018	-0.034	0.476
24500	3.72	9.82E-05	-0.799	0.025	0.073	-0.358	0.052	-0.057	0.034	-0.018	-0.034	0.469

Platform: NSC

Quantity: Maximum Tension

Display: Response Components

Tension (kN/tend)	Safety Index	Pf	Tstatic (kN/tend)	Tst.mom (kN/tend)	T1v,rms (kN/tend)	T2v,rms (kN/tend)	Twsp.rms (kN/tend)
17000	1.56	5.90E-02	13100.0	954.0	841.0	85.2	426.0
17300	1.81	3.51E-02	13200.0	995.0	856.0	90.2	445.0
17500	1.97	2.45E-02	13200.0	1050.0	874.0	96.8	469.0
17800	2.09	1.81E-02	13300.0	1100.0	894.0	104.0	495.0
18000	2.20	1.40E-02	13300.0	1160.0	915.0	112.0	523.0
18300	2.29	1.11E-02	13400.0	1230.0	935.0	121.0	551.0
18500	2.37	8.81E-03	13400.0	1290.0	955.0	129.0	579.0
18800	2.45	7.12E-03	13500.0	1350.0	976.0	137.0	608.0
19000	2.52	5.79E-03	13500.0	1410.0	995.0	146.0	636.0
19300	2.60	4.73E-03	13600.0	1480.0	1010.0	155.0	665.0
19500	2.66	3.88E-03	13700.0	1540.0	1030.0	164.0	693.0
19800	2.73	3.18E-03	13700.0	1600.0	1050.0	173.0	722.0
20000	2.79	2.62E-03	13800.0	1660.0	1070.0	181.0	750.0
20300	2.85	2.16E-03	13900.0	1730.0	1090.0	190.0	779.0
20500	2.91	1.79E-03	14000.0	1790.0	1100.0	199.0	807.0
20800	2.97	1.48E-03	14000.0	1850.0	1120.0	208.0	835.0
21000	3.03	1.23E-03	14100.0	1910.0	1140.0	216.0	863.0
21300	3.09	1.01E-03	14200.0	1980.0	1150.0	225.0	892.0
21500	3.14	8.46E-04	14300.0	2040.0	1170.0	233.0	919.0
21800	3.20	6.99E-04	14300.0	2100.0	1180.0	242.0	948.0
22000	3.25	5.86E-04	14400.0	2160.0	1200.0	251.0	975.0
22300	3.30	4.85E-04	14500.0	2220.0	1210.0	259.0	1000.0
22500	3.35	4.07E-04	14600.0	2290.0	1220.0	267.0	1030.0
22800	3.40	3.38E-04	14700.0	2350.0	1240.0	276.0	1060.0
23000	3.45	2.84E-04	14700.0	2410.0	1250.0	284.0	1090.0
23300	3.49	2.37E-04	14800.0	2470.0	1270.0	292.0	1110.0
23500	3.54	1.98E-04	14900.0	2530.0	1280.0	300.0	1140.0
23800	3.59	1.67E-04	15000.0	2590.0	1290.0	308.0	1170.0
24000	3.63	1.40E-04	15100.0	2650.0	1300.0	316.0	1200.0
24300	3.68	1.17E-04	15200.0	2720.0	1320.0	324.0	1230.0
24500	3.72	9.82E-05	15300.0	2780.0	1330.0	332.0	1250.0

Platform: GMS

Quantity: Minimum Tension

Display: Random variables

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Auxil. Var.
2300	1.40	8.14E-02	9.3	12.7	-75.6	32.0	-76.8	0.8	-60.2	0.001	0.000	-1.310
2200	1.66	4.84E-02	9.4	12.7	-79.6	32.5	-79.1	0.8	-61.9	0.006	0.005	-1.320
2100	1.90	2.85E-02	9.8	12.9	-83.1	33.4	-81.4	0.8	-63.0	0.014	0.013	-1.360
2000	2.13	1.68E-02	10.2	13.1	-84.8	34.7	-83.1	0.8	-63.0	0.022	0.022	-1.420
1900	2.33	9.94E-03	10.7	13.3	-85.4	36.1	-84.8	0.9	-61.9	0.029	0.031	-1.490
1800	2.52	5.83E-03	11.2	13.5	-86.0	37.6	-86.0	0.9	-59.6	0.035	0.038	-1.570
1700	2.71	3.35E-03	11.6	13.7	-86.5	39.0	-87.7	1.0	-56.8	0.040	0.045	-1.660
1600	2.90	1.88E-03	12.1	13.9	-86.5	40.3	-88.8	1.0	-52.9	0.044	0.050	-1.750
1500	3.08	1.03E-03	12.6	14.1	-86.5	41.6	-90.5	1.0	-48.1	0.048	0.055	-1.840
1400	3.26	5.55E-04	13.0	14.2	-86.5	42.9	-92.3	1.1	-42.5	0.050	0.059	-1.930
1300	3.44	2.92E-04	13.4	14.4	-86.0	44.1	-93.4	1.1	-35.9	0.053	0.062	-2.010
1200	3.61	1.51E-04	13.7	14.5	-86.0	45.4	-95.1	1.2	-28.8	0.054	0.065	-2.090
1100	3.79	7.68E-05	14.1	14.6	-86.0	46.7	-96.3	1.2	-21.5	0.056	0.067	-2.150
1000	3.95	3.87E-05	14.5	14.7	-85.4	48.0	-98.0	1.2	-13.9	0.056	0.068	-2.210
900	4.11	1.95E-05	14.8	14.9	-85.4	49.3	-99.1	1.3	-7.2	0.057	0.070	-2.260
800	4.27	9.91E-06	15.1	15.0	-84.8	50.5	-99.7	1.3	-0.9	0.058	0.071	-2.310
700	4.42	5.04E-06	15.4	15.1	-84.8	51.8	-100.8	1.4	5.1	0.058	0.073	-2.350
600	4.56	2.59E-06	15.7	15.2	-84.2	53.1	-101.4	1.4	10.5	0.058	0.074	-2.390

Platform: GMS

Quantity: Minimum Tension

Display: Importance Factors

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom norm.	eps(Twsp) norm.	Auxil. Var.
2300	1.40	8.14E-02	-0.007	0.000	0.011	0.000	0.003	0.001	-0.001	-0.000	-0.000	1.000
2200	1.66	4.84E-02	-0.083	0.002	0.080	0.003	0.028	0.010	-0.007	-0.004	-0.004	0.993
2100	1.90	2.85E-02	-0.224	0.005	0.133	0.009	0.059	0.026	-0.020	-0.010	-0.009	0.963
2000	2.13	1.68E-02	-0.365	0.008	0.147	0.018	0.080	0.043	-0.036	-0.014	-0.014	0.914
1900	2.33	9.94E-03	-0.472	0.012	0.144	0.029	0.093	0.057	-0.055	-0.017	-0.018	0.860
1800	2.52	5.83E-03	-0.545	0.016	0.137	0.039	0.102	0.068	-0.075	-0.018	-0.020	0.813
1700	2.71	3.35E-03	-0.593	0.021	0.127	0.047	0.107	0.076	-0.097	-0.019	-0.021	0.776
1600	2.90	1.88E-03	-0.625	0.025	0.117	0.051	0.112	0.081	-0.123	-0.019	-0.021	0.746
1500	3.08	1.03E-03	-0.646	0.029	0.107	0.053	0.117	0.083	-0.152	-0.019	-0.022	0.723
1400	3.26	5.55E-04	-0.660	0.032	0.099	0.051	0.122	0.082	-0.183	-0.018	-0.021	0.704
1300	3.44	2.92E-04	-0.669	0.035	0.091	0.045	0.126	0.078	-0.216	-0.018	-0.021	0.687
1200	3.61	1.51E-04	-0.675	0.037	0.083	0.036	0.131	0.070	-0.249	-0.017	-0.021	0.670
1100	3.79	7.68E-05	-0.680	0.039	0.078	0.024	0.135	0.061	-0.281	-0.017	-0.020	0.655
1000	3.95	3.87E-05	-0.683	0.040	0.070	0.011	0.138	0.049	-0.310	-0.016	-0.020	0.639
900	4.11	1.95E-05	-0.685	0.040	0.068	-0.003	0.140	0.037	-0.335	-0.016	-0.019	0.625
800	4.27	9.91E-06	-0.688	0.041	0.062	-0.016	0.140	0.026	-0.354	-0.015	-0.019	0.612
700	4.42	5.04E-06	-0.690	0.041	0.059	-0.029	0.140	0.014	-0.371	-0.015	-0.019	0.600
600	4.56	2.59E-06	-0.692	0.041	0.055	-0.042	0.139	0.003	-0.385	-0.014	-0.018	0.589

Platform: GMS

Quantity: Minimum Tension

Display: Response Components

Tension (kN/tend)	Safety Index	Pf	Tstatic (kN/tend)	Tst.mom (kN/tend)	T1v,rms (kN/tend)	T2v,rms (kN/tend)	Twsp.rms (kN/tend)
2300	1.40	8.14E-02	3720.0	282.0	361.0	53.6	56.8
2200	1.66	4.84E-02	3730.0	290.0	366.0	55.7	58.4
2100	1.90	2.85E-02	3750.0	307.0	379.0	60.8	62.2
2000	2.13	1.68E-02	3790.0	332.0	396.0	67.8	67.3
1900	2.33	9.94E-03	3820.0	359.0	414.0	75.7	73.1
1800	2.52	5.83E-03	3870.0	388.0	433.0	84.1	79.1
1700	2.71	3.35E-03	3910.0	418.0	452.0	92.4	85.2
1600	2.90	1.88E-03	3940.0	447.0	470.0	100.0	91.2
1500	3.08	1.03E-03	3980.0	476.0	487.0	108.0	97.3
1400	3.26	5.55E-04	4010.0	506.0	503.0	115.0	103.0
1300	3.44	2.92E-04	4040.0	536.0	519.0	121.0	110.0
1200	3.61	1.51E-04	4060.0	567.0	533.0	127.0	116.0
1100	3.79	7.68E-05	4080.0	599.0	547.0	131.0	123.0
1000	3.95	3.87E-05	4100.0	633.0	561.0	135.0	130.0
900	4.11	1.95E-05	4540.0	915.0	672.0	71.5	197.0
800	4.27	9.91E-06	4600.0	979.0	692.0	73.7	210.0
700	4.42	5.04E-06	4650.0	1040.0	710.0	75.5	224.0
600	4.56	2.59E-06	4700.0	1110.0	727.0	76.9	237.0

Platform: NSS

Quantity: Minimum Tension

Display: Random variables

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Auxil. Var.
5250	1.66	4.89E-02	9.4	12.7	-77.9	32.5	-77.9	0.8	-61.3	0.014	0.004	-1.310
5000	1.91	2.79E-02	9.7	12.9	-80.8	33.7	-80.2	0.8	-63.0	0.037	0.011	-1.330
4750	2.11	1.75E-02	10.1	13.1	-82.5	35.3	-81.9	0.9	-64.2	0.058	0.018	-1.360
4500	2.27	1.16E-02	10.6	13.3	-83.7	36.9	-83.1	0.9	-64.7	0.073	0.024	-1.380
4250	2.42	7.78E-03	11.0	13.5	-84.2	38.6	-83.7	1.0	-64.7	0.084	0.029	-1.410
4000	2.56	5.24E-03	11.5	13.7	-84.8	40.2	-84.2	1.0	-64.7	0.093	0.034	-1.440
3750	2.69	3.53E-03	11.9	13.8	-85.4	41.9	-84.8	1.1	-64.7	0.101	0.039	-1.460
3500	2.83	2.35E-03	12.3	14.0	-85.4	43.5	-85.4	1.1	-64.7	0.106	0.043	-1.490
3250	2.96	1.55E-03	12.7	14.2	-85.4	45.1	-86.0	1.2	-64.2	0.111	0.047	-1.520
3000	3.08	1.02E-03	13.1	14.4	-86.0	46.7	-86.5	1.2	-64.2	0.115	0.051	-1.550
2750	3.21	6.64E-04	13.5	14.5	-86.0	48.3	-86.5	1.3	-63.6	0.118	0.055	-1.580
2500	3.33	4.31E-04	13.9	14.6	-86.0	49.8	-87.1	1.3	-63.0	0.121	0.058	-1.610
2250	3.45	2.78E-04	14.3	14.8	-86.0	51.3	-87.7	1.4	-62.5	0.124	0.062	-1.640
2000	3.57	1.79E-04	14.6	14.9	-86.0	52.8	-87.7	1.4	-61.9	0.125	0.065	-1.670
1750	3.69	1.14E-04	15.0	15.0	-86.0	54.3	-88.2	1.5	-61.3	0.127	0.068	-1.710
1500	3.80	7.31E-05	15.3	15.2	-86.0	55.7	-88.2	1.5	-60.7	0.128	0.071	-1.740
1250	3.91	4.66E-05	15.6	15.3	-86.0	57.1	-88.8	1.6	-59.6	0.129	0.073	-1.770
1000	4.02	2.97E-05	15.9	15.4	-86.0	58.5	-88.8	1.6	-59.0	0.130	0.076	-1.810

Platform: NSS

Quantity: Minimum Tension

Display: Importance Factors

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom norm.	eps(Twsp) norm.	Auxil. Var.
5250	1.66	4.89E-02	-0.071	0.001	0.047	-0.024	0.020	0.001	-0.001	-0.010	-0.003	0.996
5000	1.91	2.79E-02	-0.217	0.002	0.098	-0.068	0.049	0.003	-0.002	-0.027	-0.008	0.967
4750	2.11	1.75E-02	-0.364	0.003	0.120	-0.107	0.067	0.006	-0.004	-0.039	-0.012	0.914
4500	2.27	1.16E-02	-0.477	0.004	0.126	-0.136	0.076	0.008	-0.006	-0.045	-0.015	0.854
4250	2.42	7.78E-03	-0.560	0.004	0.125	-0.157	0.080	0.010	-0.008	-0.048	-0.017	0.798
4000	2.56	5.24E-03	-0.618	0.004	0.120	-0.174	0.082	0.012	-0.010	-0.049	-0.018	0.751
3750	2.69	3.53E-03	-0.667	0.005	0.117	-0.188	0.083	0.014	-0.013	-0.049	-0.019	0.705
3500	2.83	2.35E-03	-0.700	0.005	0.112	-0.200	0.082	0.016	-0.015	-0.048	-0.019	0.669
3250	2.96	1.55E-03	-0.724	0.005	0.105	-0.210	0.081	0.018	-0.017	-0.047	-0.020	0.641
3000	3.08	1.02E-03	-0.744	0.005	0.103	-0.220	0.081	0.020	-0.020	-0.046	-0.020	0.614
2750	3.21	6.64E-04	-0.760	0.005	0.096	-0.229	0.079	0.022	-0.023	-0.045	-0.021	0.593
2500	3.33	4.31E-04	-0.772	0.005	0.094	-0.237	0.079	0.024	-0.026	-0.043	-0.021	0.574
2250	3.45	2.78E-04	-0.782	0.005	0.089	-0.245	0.077	0.026	-0.029	-0.042	-0.021	0.558
2000	3.57	1.79E-04	-0.789	0.005	0.086	-0.252	0.076	0.028	-0.032	-0.041	-0.021	0.545
1750	3.69	1.14E-04	-0.795	0.005	0.083	-0.259	0.075	0.030	-0.035	-0.040	-0.021	0.533
1500	3.80	7.31E-05	-0.800	0.005	0.080	-0.266	0.074	0.031	-0.039	-0.039	-0.021	0.523
1250	3.91	4.66E-05	-0.803	0.005	0.077	-0.273	0.073	0.033	-0.042	-0.038	-0.021	0.514
1000	4.02	2.97E-05	-0.806	0.005	0.075	-0.279	0.072	0.034	-0.046	-0.036	-0.021	0.507

Platform: NSS

Quantity: Minimum Tension

Display: Response Components

Tension (kN/tend)	Safety Index	Pf	Tstatic (kN/tend)	Tst.mom (kN/tend)	T1v,rms (kN/tend)	T2v,rms (kN/tend)	Twsp.rms (kN/tend)
5250	1.66	4.89E-02	8300.0	563.0	661.0	11.1	231.0
5000	1.91	2.79E-02	8310.0	618.0	684.0	13.0	251.0
4750	2.11	1.75E-02	8320.0	693.0	716.0	15.5	278.0
4500	2.27	1.16E-02	8380.0	919.0	786.0	37.5	338.0
4250	2.42	7.78E-03	8400.0	1000.0	819.0	42.7	369.0
4000	2.56	5.24E-03	8430.0	1090.0	852.0	48.3	402.0
3750	2.69	3.53E-03	8460.0	1180.0	884.0	54.1	435.0
3500	2.83	2.35E-03	8490.0	1280.0	916.0	60.2	470.0
3250	2.96	1.55E-03	8520.0	1380.0	947.0	66.6	506.0
3000	3.08	1.02E-03	8560.0	1470.0	976.0	73.1	542.0
2750	3.21	6.64E-04	8600.0	1570.0	1010.0	79.8	579.0
2500	3.33	4.31E-04	8640.0	1670.0	1030.0	86.5	617.0
2250	3.45	2.78E-04	8680.0	1780.0	1060.0	93.4	654.0
2000	3.57	1.79E-04	8730.0	1880.0	1090.0	100.0	693.0
1750	3.69	1.14E-04	8780.0	1990.0	1110.0	107.0	732.0
1500	3.80	7.31E-05	8830.0	2090.0	1140.0	114.0	771.0
1250	3.91	4.66E-05	8880.0	2200.0	1160.0	121.0	811.0
1000	4.02	2.97E-05	8740.0	2150.0	1170.0	64.8	816.0

Platform: NSC

Quantity: Minimum Tension

Display: Random variables

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Auxil. Var.
9000	1.74	4.06E-02	9.5	12.8	-79.1	32.9	-79.6	0.8	-61.9	0.020	0.028	-1.320
8750	1.94	2.64E-02	9.8	12.9	-81.4	33.9	-81.9	0.8	-62.5	0.037	0.056	-1.340
8500	2.10	1.78E-02	10.1	13.1	-82.5	35.2	-83.7	0.9	-63.0	0.054	0.085	-1.370
8250	2.24	1.24E-02	10.5	13.2	-83.1	36.5	-84.8	0.9	-62.5	0.067	0.109	-1.400
8000	2.38	8.73E-03	10.9	13.4	-84.2	38.0	-85.4	0.9	-61.9	0.079	0.132	-1.430
7500	2.63	4.28E-03	11.6	13.7	-84.8	40.8	-87.1	1.0	-59.0	0.097	0.168	-1.500
7000	2.87	2.04E-03	12.3	14.0	-84.8	43.5	-88.8	1.1	-55.2	0.112	0.197	-1.580
6500	3.11	9.42E-04	13.0	14.3	-84.2	46.1	-90.0	1.2	-49.6	0.123	0.220	-1.660
6000	3.33	4.33E-04	13.6	14.5	-84.2	48.6	-91.1	1.3	-42.6	0.131	0.236	-1.730
5500	3.56	1.86E-04	14.2	14.8	-83.1	50.9	-91.7	1.3	-34.3	0.136	0.247	-1.790
5000	3.77	8.08E-05	14.7	14.9	-82.5	53.1	-92.8	1.4	-25.5	0.138	0.253	-1.840
4500	3.98	3.52E-05	15.1	15.1	-81.9	55.2	-94.0	1.5	-16.9	0.137	0.256	-1.880
4000	4.16	1.56E-05	15.5	15.2	-80.8	57.1	-94.5	1.5	-8.9	0.136	0.257	-1.910
3500	4.34	7.12E-06	15.9	15.4	-80.2	59.0	-95.1	1.6	-1.8	0.134	0.257	-1.940
3000	4.50	3.33E-06	16.3	15.5	-79.1	60.8	-95.7	1.7	4.6	0.131	0.256	-1.960
0	0.00	0.00E+00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000
0	0.00	0.00E+00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000
0	0.00	0.00E+00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000

Platform: NSC

Quantity: Minimum Tension

Display: Importance Factors

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom norm.	eps(Twsp) norm.	Auxil. Var.
9000	1.74	4.06E-02	-0.116	0.001	0.071	-0.037	0.045	0.009	-0.007	-0.015	-0.021	0.989
8750	1.94	2.64E-02	-0.237	0.001	0.104	-0.071	0.073	0.018	-0.014	-0.027	-0.040	0.959
8500	2.10	1.78E-02	-0.357	0.001	0.122	-0.102	0.093	0.027	-0.024	-0.036	-0.057	0.912
8250	2.24	1.24E-02	-0.448	0.001	0.123	-0.124	0.101	0.036	-0.033	-0.041	-0.067	0.866
8000	2.38	8.73E-03	-0.524	0.001	0.123	-0.142	0.108	0.044	-0.044	-0.045	-0.075	0.817
7500	2.63	4.28E-03	-0.619	0.002	0.113	-0.166	0.111	0.057	-0.067	-0.048	-0.083	0.740
7000	2.87	2.04E-03	-0.674	0.002	0.101	-0.184	0.112	0.067	-0.094	-0.048	-0.085	0.683
6500	3.11	9.42E-04	-0.705	0.003	0.087	-0.199	0.110	0.073	-0.127	-0.048	-0.085	0.643
6000	3.33	4.33E-04	-0.724	0.003	0.075	-0.214	0.110	0.075	-0.164	-0.046	-0.083	0.609
5500	3.56	1.86E-04	-0.733	0.004	0.064	-0.228	0.111	0.072	-0.204	-0.044	-0.080	0.582
5000	3.77	8.08E-05	-0.738	0.004	0.054	-0.243	0.111	0.066	-0.242	-0.042	-0.077	0.558
4500	3.98	3.52E-05	-0.740	0.004	0.045	-0.256	0.111	0.057	-0.275	-0.039	-0.073	0.536
4000	4.16	1.56E-05	-0.740	0.004	0.037	-0.269	0.110	0.048	-0.302	-0.037	-0.069	0.517
3500	4.34	7.12E-06	-0.740	0.004	0.030	-0.280	0.110	0.039	-0.323	-0.034	-0.066	0.500
3000	4.50	3.33E-06	-0.740	0.004	0.025	-0.291	0.108	0.030	-0.339	-0.032	-0.063	0.485

Platform: NSC

Quantity: Minimum Tension

Display: Importance Factors

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom norm.	eps(Twsp) norm.	Auxil. Var.
9000	1.74	4.06E-02	-0.116	0.001	0.071	-0.037	0.045	0.009	-0.007	-0.015	-0.021	0.989
8750	1.94	2.64E-02	-0.237	0.001	0.104	-0.071	0.073	0.018	-0.014	-0.027	-0.040	0.959
8500	2.10	1.78E-02	-0.357	0.001	0.122	-0.102	0.093	0.027	-0.024	-0.036	-0.057	0.912
8250	2.24	1.24E-02	-0.448	0.001	0.123	-0.124	0.101	0.036	-0.033	-0.041	-0.067	0.866
8000	2.38	8.73E-03	-0.524	0.001	0.123	-0.142	0.108	0.044	-0.044	-0.045	-0.075	0.817
7500	2.63	4.28E-03	-0.619	0.002	0.113	-0.166	0.111	0.057	-0.067	-0.048	-0.083	0.740
7000	2.87	2.04E-03	-0.674	0.002	0.101	-0.184	0.112	0.067	-0.094	-0.048	-0.085	0.683
6500	3.11	9.42E-04	-0.705	0.003	0.087	-0.199	0.110	0.073	-0.127	-0.048	-0.085	0.643
6000	3.33	4.33E-04	-0.724	0.003	0.075	-0.214	0.110	0.075	-0.164	-0.046	-0.083	0.609
5500	3.56	1.86E-04	-0.733	0.004	0.064	-0.228	0.111	0.072	-0.204	-0.044	-0.080	0.582
5000	3.77	8.08E-05	-0.738	0.004	0.054	-0.243	0.111	0.066	-0.242	-0.042	-0.077	0.558
4500	3.98	3.52E-05	-0.740	0.004	0.045	-0.256	0.111	0.057	-0.275	-0.039	-0.073	0.536
4000	4.16	1.56E-05	-0.740	0.004	0.037	-0.269	0.110	0.048	-0.302	-0.037	-0.069	0.517
3500	4.34	7.12E-06	-0.740	0.004	0.030	-0.280	0.110	0.039	-0.323	-0.034	-0.066	0.500
3000	4.50	3.33E-06	-0.740	0.004	0.025	-0.291	0.108	0.030	-0.339	-0.032	-0.063	0.485

Platform: NSC

Quantity: Minimum Tension

Display: Response Components

Tension (kN/tend)	Safety Index	Pf	Tstatic (kN/tend)	Tst.mom (kN/tend)	T1v,rms (kN/tend)	T2v,rms (kN/tend)	Twsp.rms (kN/tend)
9000	1.74	4.06E-02	13200.0	992.0	856.0	89.8	444.0
8750	1.94	2.64E-02	13200.0	1060.0	882.0	98.5	477.0
8500	2.10	1.78E-02	13300.0	1140.0	913.0	109.0	515.0
8250	2.24	1.24E-02	13400.0	1230.0	946.0	121.0	558.0
8000	2.38	8.73E-03	13400.0	1330.0	979.0	133.0	602.0
7500	2.63	4.28E-03	13600.0	1530.0	1050.0	160.0	696.0
7000	2.87	2.04E-03	13800.0	1740.0	1110.0	187.0	793.0
6500	3.11	9.42E-04	14000.0	1960.0	1170.0	213.0	892.0
6000	3.33	4.33E-04	14200.0	2170.0	1230.0	236.0	990.0
5500	3.56	1.86E-04	14400.0	2390.0	1280.0	256.0	1090.0
5000	3.77	8.08E-05	14500.0	2600.0	1320.0	272.0	1180.0
4500	3.98	3.52E-05	14600.0	2800.0	1360.0	285.0	1270.0
4000	4.16	1.56E-05	14700.0	3010.0	1400.0	295.0	1370.0
3500	4.34	7.12E-06	14700.0	3200.0	1430.0	303.0	1450.0
3000	4.50	3.33E-06	14700.0	3400.0	1470.0	309.0	1540.0

Platform: GMS

Quantity: Setdown+Wave Crest (SDC)

Display: Random variables

SDC (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Tide (m)	Auxil. Var.
10	1.57	5.83E-02	9.5	12.8	-75	32.8	-77	0.777	-60	0.017	-1.320
11	1.79	3.68E-02	10.0	13.0	-75	34.5	-76	0.835	-60	0.041	-1.350
12	1.97	2.42E-02	10.6	13.3	-76	36.5	-76	0.901	-61	0.054	-1.390
13	2.15	1.58E-02	11.1	13.5	-76	38.4	-76	0.967	-61	0.062	-1.430
14	2.32	1.01E-02	11.7	13.7	-76	40.5	-76	1.030	-62	0.066	-1.470
15	2.49	6.31E-03	12.3	14.0	-76	42.4	-76	1.100	-62	0.069	-1.510
16	2.66	3.89E-03	12.8	14.2	-76	44.3	-76	1.170	-62	0.069	-1.540
17	2.82	2.37E-03	13.3	14.4	-76	46.2	-75	1.230	-63	0.069	-1.580
18	2.98	1.43E-03	13.8	14.6	-76	48.1	-75	1.300	-63	0.069	-1.610
19	3.14	8.59E-04	14.2	14.7	-76	49.9	-75	1.360	-64	0.068	-1.650
20	3.29	5.10E-04	14.7	14.9	-76	51.7	-75	1.420	-64	0.066	-1.690
21	3.43	3.00E-04	15.1	15.1	-76	53.4	-75	1.480	-64	0.065	-1.730
22	3.57	1.76E-04	15.5	15.2	-76	55.0	-75	1.540	-64	0.063	-1.770
23	3.71	1.04E-04	15.9	15.3	-76	56.7	-74	1.600	-65	0.061	-1.800
24	3.84	6.08E-05	16.3	15.5	-76	58.3	-74	1.660	-65	0.059	-1.840
25	3.97	3.56E-05	16.7	15.6	-76	59.9	-74	1.710	-65	0.057	-1.880
26	4.10	2.08E-05	17.0	15.7	-76	61.4	-74	1.770	-65	0.055	-1.920
28	4.34	7.15E-06	17.7	15.9	-76	64.4	-74	1.880	-65	0.051	-2.000
30	4.57	2.46E-06	18.3	16.1	-76	67.3	-74	1.980	-66	0.047	-2.080

Platform: GMS

Quantity: Setdown+Wave Crest (SDC)

Display: Importance Factors

SDC (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Tide (m)	Auxil. Var.
10	1.57	5.83E-02	-0.115	0.004	0.002	-0.017	-0.003	-0.005	0.003	-0.027	0.993
11	1.79	3.68E-02	-0.324	0.009	0.004	-0.045	-0.007	-0.013	0.008	-0.059	0.943
12	1.97	2.42E-02	-0.482	0.012	0.005	-0.068	-0.010	-0.019	0.013	-0.071	0.870
13	2.15	1.58E-02	-0.584	0.013	0.006	-0.086	-0.012	-0.025	0.015	-0.073	0.803
14	2.32	1.01E-02	-0.656	0.014	0.007	-0.102	-0.014	-0.030	0.018	-0.070	0.744
15	2.49	6.31E-03	-0.705	0.015	0.007	-0.115	-0.014	-0.034	0.019	-0.066	0.696
16	2.66	3.89E-03	-0.739	0.016	0.007	-0.128	-0.015	-0.038	0.021	-0.062	0.657
17	2.82	2.37E-03	-0.765	0.017	0.007	-0.139	-0.015	-0.042	0.022	-0.058	0.624
18	2.98	1.43E-03	-0.784	0.018	0.007	-0.150	-0.015	-0.045	0.023	-0.053	0.597
19	3.14	8.59E-04	-0.798	0.018	0.007	-0.160	-0.015	-0.048	0.024	-0.049	0.576
20	3.29	5.10E-04	-0.809	0.019	0.007	-0.170	-0.015	-0.051	0.024	-0.046	0.558
21	3.43	3.00E-04	-0.817	0.020	0.007	-0.179	-0.015	-0.054	0.025	-0.043	0.543
22	3.57	1.76E-04	-0.823	0.021	0.006	-0.188	-0.015	-0.056	0.025	-0.040	0.530
23	3.71	1.04E-04	-0.828	0.021	0.006	-0.196	-0.015	-0.058	0.025	-0.037	0.519
24	3.84	6.08E-05	-0.832	0.022	0.006	-0.205	-0.014	-0.060	0.025	-0.034	0.510
25	3.97	3.56E-05	-0.835	0.023	0.005	-0.212	-0.014	-0.062	0.026	-0.032	0.502
26	4.10	2.08E-05	-0.837	0.024	0.005	-0.220	-0.014	-0.064	0.026	-0.030	0.495
28	4.34	7.15E-06	-0.839	0.025	0.005	-0.235	-0.013	-0.067	0.026	-0.026	0.484
30	4.57	2.46E-06	-0.840	0.026	0.005	-0.248	-0.014	-0.069	0.027	-0.023	0.475

Platform: GMS

Quantity: Setdown+Wave Crest (SDC)

Display: Response Components

SDC (m)	Safety Index	Pf	Xs (m)	X1v,rms (m)	Xlfw,rms (m)	X2v,rms (m)	Wave Elev,rms (m)
10	1.57	5.83E-02	23.2	1.61	2.68	3.14	2.62
11	1.79	3.68E-02	25.4	1.73	2.97	3.31	2.75
12	1.97	2.42E-02	28.0	1.87	3.31	3.49	2.91
13	2.15	1.58E-02	30.8	2.02	3.69	3.66	3.07
14	2.32	1.01E-02	33.5	2.16	4.08	3.82	3.22
15	2.49	6.31E-03	36.3	2.30	4.48	3.97	3.37
16	2.66	3.89E-03	39.0	2.43	4.88	4.11	3.52
17	2.82	2.37E-03	41.7	2.56	5.29	4.23	3.66
18	2.98	1.43E-03	44.3	2.68	5.70	4.33	3.79
19	3.14	8.59E-04	46.8	2.80	6.11	4.43	3.92
20	3.29	5.10E-04	49.3	2.91	6.52	4.52	4.04
21	3.43	3.00E-04	51.7	3.02	6.94	4.60	4.16
22	3.57	1.76E-04	54.0	3.13	7.35	4.67	4.27
23	3.71	1.04E-04	56.3	3.23	7.75	4.73	4.38
24	3.84	6.08E-05	58.5	3.33	8.16	4.78	4.48
25	3.97	3.56E-05	60.6	3.42	8.55	4.83	4.58
26	4.10	2.08E-05	62.7	3.51	8.94	4.87	4.68
28	4.34	7.15E-06	66.7	3.68	9.70	4.93	4.86
30	4.57	2.46E-06	70.4	3.84	10.40	4.98	5.03

Platform: NSS

Quantity: Setdown+Wave Crest (SDC)

Display: Random variables

SDC (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Tide (m)	Auxil. Var.
10	1.65	4.99E-02	9.7	12.9	-75	33.4	-77	0.800	-60	0.037	-1.340
11	1.85	3.23E-02	10.3	13.1	-75	35.4	-77	0.864	-60	0.064	-1.390
12	2.04	2.04E-02	11.0	13.4	-75	37.5	-76	0.933	-60	0.081	-1.450
13	2.24	1.25E-02	11.6	13.7	-76	39.6	-76	1.000	-61	0.091	-1.500
14	2.44	7.34E-03	12.2	14.0	-76	41.7	-76	1.070	-61	0.098	-1.560
15	2.64	4.21E-03	12.8	14.2	-76	43.8	-76	1.140	-61	0.103	-1.610
16	2.83	2.35E-03	13.4	14.5	-76	45.8	-76	1.210	-61	0.105	-1.670
17	3.01	1.28E-03	14.0	14.7	-76	47.8	-76	1.280	-62	0.106	-1.740
18	3.20	6.95E-04	14.5	14.9	-76	49.7	-76	1.340	-62	0.107	-1.800
19	3.37	3.73E-04	15.0	15.1	-76	51.6	-76	1.410	-62	0.106	-1.850
20	3.54	1.97E-04	15.5	15.3	-76	53.4	-75	1.470	-63	0.105	-1.920
21	3.71	1.04E-04	15.9	15.4	-76	55.2	-75	1.530	-63	0.104	-1.980
22	3.87	5.44E-05	16.4	15.6	-76	56.9	-75	1.590	-64	0.102	-2.050
23	4.03	2.84E-05	16.8	15.7	-76	58.6	-75	1.650	-64	0.100	-2.110
24	4.18	1.48E-05	17.2	15.9	-76	60.2	-75	1.710	-64	0.098	-2.170
25	4.32	7.71E-06	17.6	16.0	-76	61.8	-75	1.770	-64	0.096	-2.240
26	4.46	4.01E-06	18.0	16.1	-76	63.3	-75	1.820	-64	0.093	-2.310
28	4.74	1.08E-06	18.7	16.4	-76	66.2	-74	1.930	-65	0.089	-2.440
30	5.00	2.93E-07	19.3	16.6	-76	69.0	-74	2.030	-65	0.084	-2.580

Platform: NSS

Quantity: Setdown+Wave Crest (SDC)

Display: Importance Factors

SDC (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Tide (m)	Auxil. Var.
10	1.65	4.99E-02	-0.216	0.002	0.001	-0.012	-0.002	-0.003	0.002	-0.057	0.975
11	1.85	3.23E-02	-0.416	0.003	0.002	-0.024	-0.004	-0.006	0.004	-0.088	0.905
12	2.04	2.04E-02	-0.548	0.003	0.003	-0.035	-0.006	-0.009	0.006	-0.097	0.830
13	2.24	1.25E-02	-0.636	0.002	0.004	-0.045	-0.007	-0.012	0.008	-0.098	0.764
14	2.44	7.34E-03	-0.692	0.001	0.004	-0.054	-0.008	-0.015	0.009	-0.094	0.714
15	2.64	4.21E-03	-0.731	0.000	0.005	-0.064	-0.009	-0.018	0.011	-0.090	0.673
16	2.83	2.35E-03	-0.758	-0.001	0.005	-0.073	-0.009	-0.021	0.012	-0.085	0.642
17	3.01	1.28E-03	-0.777	-0.002	0.005	-0.082	-0.010	-0.023	0.013	-0.080	0.618
18	3.20	6.95E-04	-0.792	-0.002	0.005	-0.091	-0.010	-0.026	0.015	-0.075	0.599
19	3.37	3.73E-04	-0.803	-0.003	0.005	-0.100	-0.010	-0.029	0.015	-0.070	0.582
20	3.54	1.97E-04	-0.810	-0.004	0.005	-0.108	-0.011	-0.031	0.017	-0.066	0.571
21	3.71	1.04E-04	-0.817	-0.005	0.005	-0.116	-0.011	-0.034	0.017	-0.062	0.561
22	3.87	5.44E-05	-0.821	-0.005	0.005	-0.124	-0.011	-0.036	0.018	-0.058	0.553
23	4.03	2.84E-05	-0.824	-0.006	0.005	-0.131	-0.011	-0.038	0.018	-0.055	0.547
24	4.18	1.48E-05	-0.826	-0.007	0.004	-0.137	-0.011	-0.041	0.019	-0.051	0.542
25	4.32	7.71E-06	-0.827	-0.007	0.005	-0.143	-0.012	-0.043	0.020	-0.048	0.539
26	4.46	4.01E-06	-0.828	-0.008	0.004	-0.149	-0.011	-0.044	0.020	-0.046	0.536
28	4.74	1.08E-06	-0.828	-0.009	0.004	-0.159	-0.011	-0.048	0.021	-0.041	0.534
30	5.00	2.93E-07	-0.827	-0.010	0.004	-0.167	-0.011	-0.051	0.021	-0.036	0.533

Platform: NSS

Quantity: Setdown+Wave Crest (SDC)

Display: Response Components

SDC (m)	Safety Index	Pf	Xs (m)	X1v,rms (m)	Xlfw,rms (m)	X2v,rms (m)	Wave Elev,rms (m)
10	1.65	4.99E-02	5.4	1.05	1.69	0.93	2.68
11	1.85	3.23E-02	6.0	1.17	1.84	0.99	2.84
12	2.04	2.04E-02	6.7	1.30	2.02	1.06	3.01
13	2.24	1.25E-02	7.5	1.42	2.20	1.12	3.19
14	2.44	7.34E-03	8.3	1.55	2.38	1.18	3.36
15	2.64	4.21E-03	9.1	1.67	2.54	1.24	3.53
16	2.83	2.35E-03	9.9	1.79	2.70	1.29	3.69
17	3.01	1.28E-03	10.8	1.91	2.86	1.33	3.84
18	3.20	6.95E-04	11.6	2.02	2.99	1.38	3.99
19	3.37	3.73E-04	12.4	2.13	3.12	1.42	4.12
20	3.54	1.97E-04	13.2	2.23	3.23	1.45	4.26
21	3.71	1.04E-04	14.0	2.33	3.33	1.48	4.38
22	3.87	5.44E-05	14.8	2.42	3.43	1.51	4.51
23	4.03	2.84E-05	15.6	2.51	3.50	1.54	4.62
24	4.18	1.48E-05	16.4	2.60	3.57	1.56	4.73
25	4.32	7.71E-06	17.1	2.68	3.63	1.58	4.84
26	4.46	4.01E-06	17.9	2.76	3.67	1.60	4.94
28	4.74	1.08E-06	19.3	2.92	3.74	1.63	5.13
30	5.00	2.93E-07	20.6	3.06	3.77	1.66	5.31

Platform: NSC

Quantity: Setdown+Wave Crest (SDC)

Display: Random variables

SDC (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Tide (m)	Auxil. Var.
10	1.63	5.14E-02	9.7	12.8	-75	33.3	-77	0.794	-60	0.030	-1.330
11	1.83	3.33E-02	10.2	13.1	-75	35.2	-76	0.858	-60	0.054	-1.370
12	2.02	2.16E-02	10.8	13.4	-76	37.3	-76	0.928	-61	0.068	-1.420
13	2.21	1.36E-02	11.4	13.6	-76	39.4	-76	0.998	-61	0.075	-1.460
14	2.39	8.44E-03	12.0	13.9	-76	41.6	-76	1.070	-62	0.079	-1.500
15	2.57	5.10E-03	12.6	14.1	-76	43.6	-76	1.140	-62	0.080	-1.540
16	2.74	3.07E-03	13.1	14.3	-76	45.7	-76	1.210	-62	0.079	-1.570
17	2.91	1.82E-03	13.6	14.5	-76	47.7	-75	1.280	-63	0.076	-1.600
18	3.07	1.08E-03	14.1	14.7	-76	49.7	-75	1.350	-63	0.073	-1.630
19	3.22	6.39E-04	14.6	14.9	-76	51.6	-75	1.420	-64	0.070	-1.660
20	3.37	3.81E-04	15.0	15.0	-76	53.4	-75	1.480	-64	0.066	-1.690
21	3.51	2.27E-04	15.4	15.2	-76	55.2	-75	1.540	-64	0.061	-1.710
22	3.64	1.37E-04	15.7	15.3	-76	56.9	-74	1.600	-64	0.057	-1.740
23	3.77	8.21E-05	16.1	15.4	-76	58.6	-74	1.660	-65	0.053	-1.760
24	3.89	4.96E-05	16.4	15.5	-76	60.2	-74	1.720	-65	0.050	-1.780
25	4.01	3.02E-05	16.8	15.7	-76	61.8	-74	1.780	-65	0.046	-1.810
26	4.13	1.84E-05	17.1	15.8	-76	63.3	-74	1.830	-65	0.043	-1.830
28	4.35	6.91E-06	17.6	15.9	-76	66.3	-74	1.940	-65	0.037	-1.880
30	4.56	2.61E-06	18.2	16.1	-76	69.1	-74	2.040	-65	0.032	-1.930

Platform: NSC

Quantity: Setdown+Wave Crest (SDC)

Display: Importance Factors

SDC (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Tide (m)	Auxil. Var.
10	1.63	5.14E-02	-0.189	0.004	0.002	-0.020	-0.003	-0.005	0.004	-0.046	0.981
11	1.83	3.33E-02	-0.392	0.007	0.003	-0.044	-0.006	-0.012	0.008	-0.076	0.916
12	2.02	2.16E-02	-0.533	0.009	0.004	-0.065	-0.008	-0.017	0.011	-0.084	0.839
13	2.21	1.36E-02	-0.623	0.009	0.005	-0.084	-0.010	-0.022	0.013	-0.083	0.773
14	2.39	8.44E-03	-0.686	0.010	0.006	-0.103	-0.012	-0.027	0.016	-0.079	0.715
15	2.57	5.10E-03	-0.726	0.010	0.006	-0.121	-0.013	-0.032	0.018	-0.073	0.672
16	2.74	3.07E-03	-0.757	0.010	0.006	-0.140	-0.013	-0.036	0.019	-0.067	0.633
17	2.91	1.82E-03	-0.778	0.011	0.006	-0.159	-0.014	-0.040	0.021	-0.060	0.604
18	3.07	1.08E-03	-0.793	0.011	0.007	-0.177	-0.014	-0.044	0.022	-0.054	0.578
19	3.22	6.39E-04	-0.805	0.011	0.007	-0.195	-0.015	-0.047	0.023	-0.049	0.556
20	3.37	3.81E-04	-0.813	0.011	0.006	-0.211	-0.015	-0.050	0.023	-0.044	0.538
21	3.51	2.27E-04	-0.819	0.011	0.006	-0.227	-0.015	-0.052	0.024	-0.039	0.521
22	3.64	1.37E-04	-0.824	0.011	0.006	-0.242	-0.015	-0.055	0.024	-0.035	0.507
23	3.77	8.21E-05	-0.827	0.012	0.006	-0.256	-0.015	-0.056	0.024	-0.031	0.495
24	3.89	4.96E-05	-0.829	0.012	0.006	-0.269	-0.015	-0.058	0.025	-0.028	0.485
25	4.01	3.02E-05	-0.831	0.012	0.006	-0.280	-0.015	-0.059	0.025	-0.025	0.475
26	4.13	1.84E-05	-0.832	0.012	0.006	-0.291	-0.014	-0.061	0.025	-0.023	0.467
28	4.35	6.91E-06	-0.833	0.012	0.006	-0.309	-0.015	-0.063	0.025	-0.019	0.453
30	4.56	2.61E-06	-0.833	0.012	0.005	-0.325	-0.014	-0.064	0.025	-0.015	0.443

Platform: NSC

Quantity: Setdown+Wave Crest (SDC)

Display: Response Components

SDC (m)	Safety Index	Pf	Xs (m)	X1v,rms (m)	Xlfw,rms (m)	X2v,rms (m)	Wave Elev,rms (m)
10	1.63	5.14E-02	14.0	0.65	4.47	1.56	2.66
11	1.83	3.33E-02	15.6	0.73	4.96	1.66	2.81
12	2.02	2.16E-02	17.3	0.82	5.53	1.76	2.98
13	2.21	1.36E-02	19.2	0.92	6.13	1.85	3.15
14	2.39	8.44E-03	21.1	1.01	6.74	1.94	3.31
15	2.57	5.10E-03	23.0	1.10	7.36	2.01	3.47
16	2.74	3.07E-03	24.9	1.18	7.96	2.08	3.61
17	2.91	1.82E-03	26.8	1.27	8.57	2.15	3.75
18	3.07	1.08E-03	28.7	1.34	9.17	2.20	3.88
19	3.22	6.39E-04	30.5	1.42	9.75	2.25	4.00
20	3.37	3.81E-04	32.3	1.48	10.30	2.29	4.12
21	3.51	2.27E-04	34.0	1.55	10.80	2.33	4.23
22	3.64	1.37E-04	35.6	1.61	11.30	2.37	4.33
23	3.77	8.21E-05	37.2	1.67	11.80	2.40	4.43
24	3.89	4.96E-05	38.8	1.73	12.30	2.42	4.52
25	4.01	3.02E-05	40.3	1.78	12.70	2.45	4.61
26	4.13	1.84E-05	41.7	1.83	13.10	2.47	4.69
28	4.35	6.91E-06	44.4	1.93	13.80	2.50	4.85
30	4.56	2.61E-06	47.0	2.02	14.40	2.53	5.00

Platform: GMS

Quantity: Maximum Offset (rev. 11/22/92; incl. subj. uncert.)

Display: Random variables

Offset (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Subjective Uncertainties Xs	X1v	Xlfw	X2v	Auxil. Var.
34	1.51	6.56E-02	9.3	12.7	-75	32.2	-77	0.758	-60	1.000	1.000	0.902	0.901	-1.300
36	1.75	4.03E-02	9.5	12.7	-75	32.8	-76	0.780	-61	1.010	1.000	0.910	0.906	-1.310
38	1.97	2.44E-02	9.7	12.8	-76	33.7	-76	0.809	-61	1.030	1.000	0.919	0.910	-1.310
40	2.12	1.68E-02	9.8	12.9	-76	34.4	-76	0.835	-61	1.040	1.000	0.927	0.914	-1.320
42	2.26	1.20E-02	10.0	13.0	-76	35.3	-76	0.865	-62	1.050	1.000	0.935	0.918	-1.320
44	2.36	9.12E-03	10.2	13.1	-76	36.1	-76	0.892	-62	1.060	1.000	0.942	0.920	-1.320
46	2.45	7.11E-03	10.4	13.1	-76	36.9	-76	0.920	-62	1.070	1.000	0.949	0.923	-1.320
48	2.53	5.64E-03	10.6	13.2	-76	37.7	-75	0.947	-63	1.070	1.000	0.957	0.925	-1.330
48	2.53	5.63E-03	10.6	13.2	-76	37.7	-75	0.947	-63	1.070	1.000	0.957	0.925	-1.330
50	2.61	4.53E-03	10.8	13.3	-76	38.5	-75	0.975	-63	1.080	1.000	0.963	0.927	-1.330
52	2.68	3.66E-03	11.0	13.4	-76	39.3	-75	1.000	-64	1.090	1.000	0.970	0.929	-1.330
54	2.75	2.98E-03	11.2	13.5	-76	40.1	-75	1.030	-64	1.100	1.000	0.977	0.931	-1.340
56	2.82	2.43E-03	11.4	13.5	-76	40.9	-75	1.060	-64	1.110	1.000	0.984	0.933	-1.340
60	2.94	1.62E-03	11.7	13.7	-76	42.4	-75	1.110	-64	1.120	1.000	0.996	0.936	-1.350
65	3.10	9.78E-04	12.2	13.9	-76	44.3	-74	1.180	-65	1.140	1.000	1.010	0.940	-1.360
70	3.24	5.90E-04	12.6	14.0	-76	46.1	-74	1.240	-65	1.160	1.000	1.030	0.943	-1.360
75	3.39	3.51E-04	13.1	14.2	-76	48.0	-74	1.310	-65	1.180	1.000	1.040	0.946	-1.370
80	3.53	2.06E-04	13.5	14.3	-76	49.7	-74	1.370	-65	1.200	1.000	1.060	0.949	-1.380
85	3.67	1.20E-04	13.9	14.5	-76	51.5	-74	1.430	-66	1.220	1.000	1.080	0.952	-1.390
90	3.81	6.85E-05	14.3	14.6	-76	53.2	-74	1.490	-66	1.240	1.000	1.090	0.955	-1.400
95	3.95	3.86E-05	14.6	14.7	-76	54.9	-74	1.550	-66	1.250	1.000	1.110	0.957	-1.410
100	4.09	2.14E-05	15.0	14.8	-76	56.5	-74	1.610	-66	1.270	1.000	1.120	0.960	-1.430

Platform: GMS

Quantity: Maximum Offset (rev. 11/22/92; incl. subj. uncert.)

Display: Importance Factors

Offset (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Subjective Uncertainties Xs	X1v	Xlfw	X2v	Auxil. Var.
34	1.51	6.56E-02	-0.020	0.003	0.001	-0.013	-0.002	-0.003	0.002	-0.012	-0.000	-0.004	-0.004	1.000
36	1.75	4.03E-02	-0.095	0.013	0.005	-0.059	-0.008	-0.015	0.010	-0.054	-0.002	-0.018	-0.017	0.992
38	1.97	2.44E-02	-0.183	0.023	0.007	-0.107	-0.014	-0.027	0.017	-0.099	-0.003	-0.035	-0.030	0.970
40	2.12	1.68E-02	-0.256	0.031	0.009	-0.144	-0.017	-0.036	0.023	-0.133	-0.004	-0.048	-0.040	0.943
42	2.26	1.20E-02	-0.329	0.038	0.010	-0.179	-0.020	-0.045	0.027	-0.166	-0.005	-0.060	-0.048	0.906
44	2.36	9.12E-03	-0.384	0.043	0.010	-0.203	-0.021	-0.051	0.030	-0.189	-0.006	-0.070	-0.054	0.873
46	2.45	7.11E-03	-0.434	0.047	0.011	-0.224	-0.022	-0.057	0.032	-0.209	-0.006	-0.078	-0.058	0.837
48	2.53	5.64E-03	-0.476	0.050	0.011	-0.241	-0.023	-0.062	0.034	-0.226	-0.006	-0.086	-0.061	0.803
48	2.53	5.63E-03	-0.476	0.049	0.011	-0.241	-0.023	-0.062	0.034	-0.226	-0.006	-0.086	-0.061	0.803
50	2.61	4.53E-03	-0.511	0.052	0.011	-0.255	-0.023	-0.065	0.035	-0.241	-0.007	-0.092	-0.064	0.771
52	2.68	3.66E-03	-0.541	0.054	0.011	-0.267	-0.023	-0.069	0.036	-0.253	-0.007	-0.098	-0.065	0.741
54	2.75	2.98E-03	-0.567	0.055	0.010	-0.276	-0.023	-0.071	0.037	-0.264	-0.007	-0.102	-0.067	0.712
56	2.82	2.43E-03	-0.589	0.057	0.010	-0.284	-0.023	-0.074	0.037	-0.274	-0.007	-0.107	-0.068	0.686
60	2.94	1.62E-03	-0.622	0.059	0.010	-0.297	-0.023	-0.078	0.038	-0.290	-0.008	-0.114	-0.069	0.642
65	3.10	9.78E-04	-0.654	0.061	0.010	-0.309	-0.023	-0.081	0.038	-0.307	-0.008	-0.122	-0.070	0.592
70	3.24	5.90E-04	-0.677	0.062	0.009	-0.319	-0.022	-0.084	0.038	-0.322	-0.008	-0.130	-0.070	0.550
75	3.39	3.51E-04	-0.692	0.063	0.008	-0.326	-0.021	-0.087	0.037	-0.335	-0.008	-0.136	-0.070	0.515
80	3.53	2.06E-04	-0.703	0.064	0.008	-0.332	-0.020	-0.089	0.037	-0.347	-0.009	-0.141	-0.069	0.486
85	3.67	1.20E-04	-0.711	0.065	0.007	-0.336	-0.019	-0.090	0.037	-0.358	-0.009	-0.146	-0.069	0.461
90	3.81	6.85E-05	-0.717	0.066	0.007	-0.341	-0.019	-0.091	0.036	-0.369	-0.009	-0.150	-0.069	0.439
95	3.95	3.86E-05	-0.720	0.067	0.006	-0.344	-0.018	-0.093	0.036	-0.378	-0.009	-0.154	-0.068	0.420
100	4.09	2.14E-05	-0.722	0.068	0.006	-0.347	-0.018	-0.094	0.035	-0.387	-0.009	-0.158	-0.068	0.404

Platform: NSS

Quantity: Maximum Offset (incl. subj. uncert; rev. 11/22/92)

Display: Random variables

Offset (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Subjective Uncertainties Xs	X1v	Xlfw	X2v	Auxil. Var.
12	1.88	3.02E-02	9.6	12.8	-75	33.3	-76	0.794	-61	1.010	1.000	0.938	0.904	-1.310
14	2.15	1.57E-02	10.1	13.0	-76	35.4	-76	0.865	-61	1.030	1.000	0.990	0.907	-1.330
16	2.34	9.55E-03	10.6	13.3	-76	37.5	-76	0.935	-62	1.040	1.000	1.030	0.910	-1.340
18	2.51	6.10E-03	11.1	13.5	-76	39.5	-76	1.000	-62	1.050	1.000	1.070	0.911	-1.360
20	2.66	3.96E-03	11.5	13.7	-76	41.4	-76	1.070	-62	1.060	1.000	1.110	0.912	-1.370
22	2.80	2.58E-03	12.0	13.9	-76	43.3	-75	1.130	-63	1.070	1.000	1.140	0.912	-1.390
24	2.93	1.67E-03	12.4	14.0	-76	45.0	-75	1.190	-63	1.080	1.000	1.170	0.913	-1.400
26	3.07	1.08E-03	12.8	14.2	-76	46.7	-75	1.250	-63	1.090	1.000	1.200	0.913	-1.420
28	3.20	6.94E-04	13.1	14.4	-76	48.3	-75	1.300	-64	1.100	1.000	1.240	0.913	-1.440
30	3.32	4.43E-04	13.5	14.5	-76	49.9	-75	1.350	-64	1.110	1.000	1.270	0.914	-1.460
32	3.45	2.81E-04	13.8	14.6	-76	51.4	-75	1.400	-64	1.120	1.000	1.300	0.914	-1.480
34	3.57	1.76E-04	14.2	14.8	-76	52.8	-75	1.450	-64	1.130	1.000	1.320	0.914	-1.500
36	3.70	1.10E-04	14.5	14.9	-76	54.2	-75	1.500	-64	1.140	1.000	1.350	0.914	-1.530
38	3.82	6.77E-05	14.8	15.0	-76	55.6	-75	1.550	-64	1.140	1.000	1.380	0.914	-1.550
40	3.94	4.15E-05	15.1	15.1	-76	56.9	-75	1.590	-64	1.150	1.000	1.410	0.915	-1.580
42	4.05	2.53E-05	15.4	15.2	-76	58.2	-75	1.640	-64	1.160	1.000	1.440	0.915	-1.610
44	4.17	1.53E-05	15.6	15.3	-76	59.5	-75	1.680	-64	1.170	1.000	1.470	0.915	-1.640
46	4.28	9.17E-06	15.9	15.4	-76	60.7	-75	1.720	-64	1.180	1.000	1.500	0.915	-1.670
48	4.40	5.48E-06	16.1	15.5	-76	61.9	-75	1.760	-64	1.190	1.000	1.530	0.915	-1.700
50	4.51	3.25E-06	16.4	15.6	-76	63.1	-75	1.800	-63	1.200	1.000	1.560	0.915	-1.740
52	4.62	1.90E-06	16.6	15.6	-76	64.2	-75	1.830	-63	1.200	1.000	1.580	0.915	-1.780
54	4.73	1.11E-06	16.8	15.7	-76	65.3	-75	1.870	-63	1.210	1.000	1.610	0.916	-1.820

Platform: NSS

Quantity: Maximum Offset (incl. subj. uncert; rev. 11/22/92)

Display: Importance Factors

Offset (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Subjective Uncertainties Xs	X1v	Xlfw	X2v	Auxil. Var.
12	1.88	3.02E-02	-0.145	-0.001	0.005	-0.082	-0.008	-0.013	0.009	-0.049	-0.004	-0.071	-0.011	0.982
14	2.15	1.57E-02	-0.338	-0.000	0.008	-0.176	-0.014	-0.028	0.018	-0.101	-0.008	-0.154	-0.020	0.905
16	2.34	9.55E-03	-0.467	0.001	0.008	-0.231	-0.016	-0.036	0.022	-0.130	-0.010	-0.205	-0.024	0.817
18	2.51	6.10E-03	-0.548	0.001	0.008	-0.263	-0.017	-0.041	0.024	-0.147	-0.011	-0.237	-0.024	0.741
20	2.66	3.96E-03	-0.602	0.002	0.008	-0.284	-0.017	-0.043	0.025	-0.159	-0.012	-0.258	-0.023	0.679
22	2.80	2.58E-03	-0.638	0.002	0.008	-0.299	-0.017	-0.045	0.025	-0.167	-0.012	-0.275	-0.023	0.630
24	2.93	1.67E-03	-0.663	0.003	0.007	-0.310	-0.016	-0.045	0.025	-0.174	-0.012	-0.288	-0.022	0.590
26	3.07	1.08E-03	-0.680	0.003	0.007	-0.319	-0.016	-0.045	0.025	-0.180	-0.012	-0.299	-0.021	0.557
28	3.20	6.94E-04	-0.693	0.003	0.007	-0.325	-0.015	-0.045	0.024	-0.185	-0.012	-0.309	-0.020	0.530
30	3.32	4.43E-04	-0.702	0.003	0.007	-0.331	-0.015	-0.044	0.023	-0.190	-0.012	-0.318	-0.019	0.507
32	3.45	2.81E-04	-0.708	0.003	0.006	-0.335	-0.014	-0.043	0.023	-0.195	-0.012	-0.327	-0.018	0.488
34	3.57	1.76E-04	-0.713	0.003	0.006	-0.339	-0.014	-0.042	0.022	-0.199	-0.012	-0.335	-0.018	0.472
36	3.70	1.10E-04	-0.715	0.003	0.006	-0.342	-0.013	-0.040	0.021	-0.203	-0.012	-0.342	-0.017	0.459
38	3.82	6.77E-05	-0.716	0.003	0.006	-0.345	-0.013	-0.039	0.020	-0.208	-0.012	-0.349	-0.017	0.448
40	3.94	4.15E-05	-0.717	0.003	0.005	-0.347	-0.012	-0.037	0.020	-0.212	-0.011	-0.355	-0.016	0.438
42	4.05	2.53E-05	-0.717	0.002	0.005	-0.349	-0.011	-0.035	0.019	-0.216	-0.011	-0.362	-0.016	0.430
44	4.17	1.53E-05	-0.716	0.002	0.005	-0.351	-0.011	-0.033	0.018	-0.219	-0.011	-0.368	-0.015	0.423
46	4.28	9.17E-06	-0.715	0.002	0.005	-0.352	-0.010	-0.031	0.017	-0.223	-0.011	-0.374	-0.015	0.417
48	4.40	5.48E-06	-0.713	0.002	0.004	-0.353	-0.010	-0.029	0.016	-0.226	-0.011	-0.380	-0.015	0.412
50	4.51	3.25E-06	-0.711	0.002	0.004	-0.354	-0.009	-0.026	0.015	-0.229	-0.011	-0.385	-0.014	0.408
52	4.62	1.90E-06	-0.708	0.001	0.004	-0.355	-0.009	-0.024	0.014	-0.232	-0.011	-0.390	-0.014	0.406
54	4.73	1.11E-06	-0.706	0.001	0.004	-0.355	-0.008	-0.021	0.012	-0.235	-0.011	-0.395	-0.014	0.404

Platform: NSC

Quantity: Maximum Offset (incl. subj. uncert.; rev. 11/22/92)

Display: Random variables

Offset (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Subjective Uncertainties Xs	X1v	Xlfw	X2v	Auxil. Var.
24	1.64	5.09E-02	9.4	12.7	-75	32.4	-77	0.764	-60	1.000	1.000	0.912	0.901	-1.310
26	1.85	3.20E-02	9.5	12.8	-75	33.2	-76	0.792	-61	1.010	1.000	0.940	0.902	-1.310
28	1.99	2.33E-02	9.7	12.9	-76	34.1	-76	0.823	-61	1.020	1.000	0.967	0.903	-1.320
30	2.10	1.79E-02	10.0	13.0	-76	35.1	-76	0.855	-61	1.030	1.000	0.994	0.904	-1.330
32	2.19	1.43E-02	10.2	13.1	-76	36.0	-76	0.887	-62	1.040	1.000	1.020	0.905	-1.330
34	2.27	1.16E-02	10.4	13.2	-76	37.0	-76	0.918	-62	1.050	1.000	1.040	0.905	-1.340
36	2.35	9.43E-03	10.6	13.3	-76	37.9	-76	0.949	-62	1.060	1.000	1.060	0.906	-1.350
38	2.42	7.73E-03	10.8	13.4	-76	38.8	-76	0.979	-62	1.060	1.000	1.080	0.906	-1.360
40	2.49	6.34E-03	11.1	13.5	-76	39.7	-76	1.010	-62	1.070	1.000	1.100	0.906	-1.370
42	2.56	5.20E-03	11.3	13.6	-76	40.6	-76	1.040	-62	1.070	1.000	1.120	0.907	-1.380
44	2.63	4.25E-03	11.5	13.6	-76	41.4	-75	1.070	-62	1.080	1.000	1.140	0.907	-1.380
46	2.70	3.47E-03	11.7	13.7	-76	42.3	-75	1.100	-63	1.090	1.000	1.150	0.907	-1.390
48	2.77	2.83E-03	11.9	13.8	-76	43.1	-75	1.130	-63	1.090	1.000	1.170	0.907	-1.400
48	2.77	2.82E-03	11.9	13.8	-76	43.1	-75	1.130	-63	1.090	1.000	1.170	0.907	-1.400
50	2.83	2.29E-03	12.1	13.9	-76	44.0	-75	1.150	-63	1.100	1.000	1.190	0.908	-1.410
52	2.90	1.84E-03	12.3	14.0	-76	44.7	-75	1.180	-63	1.110	1.000	1.210	0.908	-1.430
54	2.97	1.49E-03	12.5	14.1	-76	45.6	-75	1.210	-63	1.110	1.000	1.220	0.908	-1.430
56	3.04	1.19E-03	12.6	14.1	-76	46.3	-75	1.230	-63	1.120	1.000	1.240	0.908	-1.450
60	3.17	7.56E-04	13.0	14.3	-76	47.9	-75	1.290	-63	1.130	1.000	1.270	0.909	-1.480
65	3.34	4.19E-04	13.4	14.4	-76	49.8	-75	1.350	-63	1.140	1.000	1.320	0.909	-1.510
70	3.51	2.25E-04	13.8	14.6	-76	51.5	-75	1.410	-63	1.160	1.000	1.360	0.909	-1.550
75	3.67	1.20E-04	14.2	14.8	-76	53.3	-75	1.470	-63	1.170	1.000	1.400	0.910	-1.590
80	3.84	6.16E-05	14.6	14.9	-76	55.0	-75	1.520	-63	1.190	1.000	1.440	0.910	-1.640
85	4.00	3.12E-05	14.9	15.0	-76	56.6	-75	1.570	-63	1.200	1.000	1.480	0.910	-1.690
90	4.17	1.55E-05	15.3	15.1	-76	58.2	-76	1.630	-62	1.220	1.000	1.520	0.910	-1.740

Platform: NSC

Quantity: Maximum Offset (incl. subj. uncert.)

Display: Importance Factors

Offset (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Subjective Uncertainties Xs	X1v	Xlfw	X2v	Auxil. Var.
24	1.64	5.09E-02	-0.041	0.001	0.002	-0.028	-0.003	-0.005	0.004	-0.019	-0.000	-0.024	-0.002	0.998
26	1.85	3.20E-02	-0.132	0.004	0.004	-0.085	-0.008	-0.015	0.010	-0.056	-0.001	-0.075	-0.006	0.983
28	1.99	2.33E-02	-0.221	0.006	0.006	-0.135	-0.012	-0.024	0.016	-0.088	-0.002	-0.121	-0.009	0.954
30	2.10	1.79E-02	-0.302	0.008	0.007	-0.178	-0.014	-0.031	0.019	-0.115	-0.002	-0.161	-0.011	0.914
32	2.19	1.43E-02	-0.368	0.009	0.008	-0.209	-0.016	-0.036	0.022	-0.135	-0.003	-0.191	-0.012	0.874
34	2.27	1.16E-02	-0.422	0.010	0.008	-0.234	-0.017	-0.040	0.024	-0.151	-0.003	-0.216	-0.013	0.834
36	2.35	9.43E-03	-0.467	0.010	0.008	-0.253	-0.017	-0.043	0.025	-0.164	-0.003	-0.235	-0.013	0.796
38	2.42	7.73E-03	-0.503	0.011	0.008	-0.268	-0.018	-0.044	0.025	-0.174	-0.004	-0.251	-0.014	0.760
40	2.49	6.34E-03	-0.533	0.011	0.008	-0.280	-0.018	-0.046	0.026	-0.183	-0.004	-0.264	-0.014	0.728
42	2.56	5.20E-03	-0.558	0.011	0.008	-0.289	-0.018	-0.046	0.026	-0.190	-0.004	-0.276	-0.014	0.699
44	2.63	4.25E-03	-0.579	0.011	0.008	-0.297	-0.017	-0.047	0.026	-0.197	-0.004	-0.286	-0.014	0.673
46	2.70	3.47E-03	-0.596	0.011	0.008	-0.304	-0.017	-0.047	0.026	-0.203	-0.004	-0.295	-0.014	0.649
48	2.77	2.83E-03	-0.611	0.012	0.008	-0.309	-0.017	-0.047	0.025	-0.209	-0.004	-0.303	-0.013	0.627
48	2.77	2.82E-03	-0.611	0.011	0.008	-0.310	-0.017	-0.047	0.025	-0.209	-0.004	-0.303	-0.013	0.626
50	2.83	2.29E-03	-0.623	0.011	0.008	-0.314	-0.017	-0.047	0.025	-0.214	-0.004	-0.310	-0.013	0.607
52	2.90	1.84E-03	-0.631	0.011	0.007	-0.317	-0.016	-0.046	0.024	-0.218	-0.004	-0.316	-0.013	0.591
54	2.97	1.49E-03	-0.641	0.011	0.007	-0.322	-0.016	-0.046	0.024	-0.223	-0.004	-0.323	-0.013	0.573
56	3.04	1.19E-03	-0.647	0.011	0.007	-0.324	-0.016	-0.045	0.023	-0.227	-0.004	-0.328	-0.013	0.561
60	3.17	7.56E-04	-0.658	0.010	0.007	-0.329	-0.015	-0.043	0.022	-0.235	-0.004	-0.339	-0.012	0.535
65	3.34	4.19E-04	-0.667	0.010	0.006	-0.334	-0.014	-0.040	0.021	-0.244	-0.004	-0.350	-0.012	0.509
70	3.51	2.25E-04	-0.672	0.009	0.006	-0.337	-0.013	-0.037	0.020	-0.252	-0.004	-0.361	-0.012	0.489
75	3.67	1.20E-04	-0.675	0.009	0.006	-0.340	-0.012	-0.034	0.018	-0.259	-0.004	-0.371	-0.011	0.471

Platform: GMS

Quantity: Maximum Tension; incl. subj. uncert.)

Display: Random variables

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Subjective Uncertainties Xs	Tmom	T1v	T2v	Tw,s-p	Auxil. Var.
5000	1.30	9.61E-02	9.3	12.7	-75	32.0	-77	0.8	-60	0.000	0.000	1.000	1.000	1.000	1.400	1.000	-1.300
5100	1.33	9.23E-02	9.3	12.7	-75	32.0	-77	0.8	-60	0.000	0.000	1.000	1.000	1.000	1.400	1.000	-1.300
5300	1.85	3.24E-02	9.5	12.8	-79	33.0	-78	0.8	-62	0.004	0.003	1.010	1.000	1.000	1.400	1.000	-1.310
5400	2.00	2.25E-02	9.7	12.9	-80	33.8	-79	0.8	-64	0.006	0.005	1.010	1.000	1.010	1.400	1.000	-1.320
5500	2.13	1.65E-02	10.0	13.0	-81	34.7	-79	0.8	-64	0.007	0.007	1.020	1.000	1.010	1.400	1.000	-1.330
5600	2.24	1.26E-02	10.2	13.1	-82	35.7	-79	0.9	-65	0.009	0.008	1.020	1.000	1.010	1.410	1.000	-1.330
5700	2.33	9.81E-03	10.4	13.2	-82	36.5	-80	0.9	-65	0.010	0.010	1.030	1.000	1.010	1.410	1.000	-1.350
5800	2.42	7.70E-03	10.7	13.3	-83	37.5	-80	0.9	-66	0.011	0.011	1.040	1.000	1.020	1.410	1.000	-1.350
5900	2.51	6.12E-03	10.9	13.4	-83	38.3	-80	1.0	-66	0.011	0.012	1.040	1.010	1.020	1.410	1.000	-1.350
6000	2.58	4.88E-03	11.1	13.5	-83	39.2	-80	1.0	-67	0.012	0.012	1.050	1.010	1.020	1.410	1.000	-1.360
6100	2.66	3.91E-03	11.3	13.5	-84	40.0	-80	1.0	-67	0.012	0.013	1.050	1.010	1.020	1.410	1.000	-1.360
6200	2.73	3.14E-03	11.5	13.6	-84	40.8	-80	1.1	-68	0.012	0.013	1.060	1.010	1.020	1.410	1.000	-1.370
6300	2.80	2.53E-03	11.7	13.7	-84	41.6	-80	1.1	-68	0.013	0.014	1.060	1.010	1.020	1.410	1.000	-1.370
6400	2.87	2.05E-03	11.9	13.8	-84	42.4	-80	1.1	-68	0.013	0.014	1.070	1.010	1.020	1.420	1.000	-1.380
6500	2.94	1.66E-03	12.1	13.9	-84	43.2	-80	1.1	-68	0.013	0.015	1.070	1.010	1.020	1.420	1.000	-1.380
6600	3.00	1.34E-03	12.3	13.9	-84	43.9	-81	1.2	-69	0.013	0.015	1.080	1.010	1.020	1.420	1.000	-1.380
6700	3.06	1.09E-03	12.5	14.0	-84	44.6	-81	1.2	-69	0.013	0.015	1.080	1.010	1.020	1.420	1.000	-1.390
6800	3.13	8.86E-04	12.6	14.1	-84	45.4	-81	1.2	-69	0.014	0.015	1.090	1.010	1.020	1.420	1.000	-1.390
6900	3.19	7.20E-04	12.8	14.1	-84	46.0	-81	1.2	-69	0.014	0.016	1.100	1.010	1.030	1.420	1.000	-1.390
7000	3.24	5.88E-04	13.0	14.2	-85	46.8	-81	1.3	-69	0.014	0.016	1.100	1.010	1.030	1.420	1.000	-1.390
7100	3.30	4.77E-04	13.1	14.2	-85	47.4	-81	1.3	-70	0.014	0.016	1.110	1.010	1.030	1.420	1.000	-1.400
7200	3.36	3.91E-04	13.3	14.3	-85	48.1	-81	1.3	-70	0.014	0.016	1.110	1.010	1.030	1.430	1.000	-1.400
7300	3.42	3.19E-04	13.4	14.4	-85	48.7	-81	1.3	-70	0.014	0.016	1.120	1.010	1.030	1.430	1.000	-1.410
7400	3.47	2.61E-04	13.6	14.4	-85	49.3	-81	1.4	-70	0.014	0.016	1.120	1.010	1.030	1.430	1.000	-1.410
7500	3.52	2.16E-04	13.7	14.5	-85	50.0	-81	1.4	-70	0.014	0.017	1.130	1.010	1.030	1.430	1.000	-1.400
7600	3.57	1.76E-04	13.8	14.5	-85	50.5	-81	1.4	-70	0.014	0.017	1.130	1.010	1.030	1.430	1.000	-1.410
7700	3.62	1.46E-04	14.0	14.6	-85	51.2	-81	1.4	-71	0.014	0.017	1.140	1.010	1.030	1.430	1.000	-1.410
7800	3.67	1.20E-04	14.1	14.6	-85	51.7	-81	1.4	-71	0.014	0.017	1.140	1.010	1.030	1.430	1.000	-1.410
7900	3.72	9.85E-05	14.3	14.6	-85	52.3	-81	1.5	-71	0.014	0.017	1.150	1.010	1.030	1.430	1.000	-1.420
8000	3.77	8.15E-05	14.4	14.7	-85	52.9	-81	1.5	-71	0.014	0.017	1.150	1.010	1.030	1.440	1.000	-1.420
8100	3.82	6.68E-05	14.5	14.7	-85	53.4	-81	1.5	-72	0.014	0.017	1.160	1.010	1.030	1.440	1.000	-1.420
8200	3.86	5.57E-05	14.6	14.8	-85	54.0	-81	1.5	-72	0.014	0.017	1.160	1.010	1.030	1.440	1.000	-1.420
8300	3.91	4.61E-05	14.7	14.8	-85	54.5	-81	1.5	-72	0.014	0.017	1.170	1.010	1.030	1.440	1.000	-1.420
8400	3.96	3.79E-05	14.9	14.8	-85	55.0	-81	1.6	-72	0.014	0.017	1.170	1.010	1.030	1.440	1.000	-1.430
8500	4.00	3.17E-05	15.0	14.9	-85	55.5	-81	1.6	-72	0.014	0.017	1.180	1.010	1.030	1.440	1.000	-1.420
8600	4.04	2.63E-05	15.1	14.9	-85	56.1	-81	1.6	-72	0.014	0.017	1.180	1.010	1.030	1.440	1.000	-1.430
8700	4.09	2.17E-05	15.2	14.9	-85	56.5	-81	1.6	-72	0.014	0.017	1.190	1.010	1.030	1.440	1.000	-1.440
8800	4.13	1.81E-05	15.3	15.0	-85	57.0	-81	1.6	-72	0.014	0.017	1.190	1.010	1.030	1.440	1.000	-1.440
9000	4.21	1.27E-05	15.5	15.0	-85	58.0	-81	1.7	-73	0.014	0.017	1.200	1.010	1.030	1.450	1.000	-1.430

Platform: GMS

Quantity: Maximum Tension; incl. subj. uncert.)

Display: Importance Factors

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmorr) norm.	eps(Twsp) norm.	Subjective Uncertainties Xs	Tmom	T1v	T2v	Tw,s-p	Auxil. Var.
5000	1.30	9.61E-02	-0.000	0.000	0.000	-0.000	0.000	-0.000	0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	1.000
5100	1.33	9.23E-02	-0.001	0.000	0.001	-0.000	0.000	-0.000	0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	1.000
5300	1.85	3.24E-02	-0.129	0.007	0.060	-0.051	0.012	-0.008	0.008	-0.003	-0.002	-0.028	-0.009	-0.037	-0.004	-0.001	0.967
5400	2.00	2.25E-02	-0.221	0.012	0.084	-0.085	0.018	-0.014	0.009	-0.004	-0.004	-0.048	-0.015	-0.059	-0.006	-0.002	0.964
5500	2.13	1.65E-02	-0.310	0.016	0.098	-0.115	0.023	-0.020	0.013	-0.005	-0.005	-0.067	-0.020	-0.078	-0.009	-0.002	0.932
5600	2.24	1.26E-02	-0.384	0.020	0.107	-0.140	0.026	-0.025	0.016	-0.006	-0.006	-0.083	-0.024	-0.089	-0.011	-0.003	0.897
5700	2.33	9.81E-03	-0.441	0.023	0.109	-0.159	0.028	-0.029	0.018	-0.006	-0.006	-0.096	-0.026	-0.096	-0.013	-0.003	0.864
5800	2.42	7.70E-03	-0.498	0.026	0.112	-0.178	0.029	-0.034	0.020	-0.006	-0.007	-0.110	-0.029	-0.103	-0.016	-0.003	0.825
5900	2.51	6.12E-03	-0.538	0.028	0.111	-0.192	0.030	-0.037	0.022	-0.007	-0.007	-0.120	-0.030	-0.106	-0.017	-0.004	0.794
6000	2.58	4.88E-03	-0.573	0.030	0.109	-0.205	0.030	-0.040	0.023	-0.007	-0.007	-0.131	-0.032	-0.106	-0.019	-0.004	0.764
6100	2.66	3.91E-03	-0.603	0.032	0.108	-0.216	0.031	-0.043	0.025	-0.007	-0.007	-0.140	-0.033	-0.109	-0.020	-0.004	0.735
6200	2.73	3.14E-03	-0.628	0.034	0.106	-0.225	0.031	-0.046	0.026	-0.008	-0.007	-0.149	-0.034	-0.109	-0.022	-0.004	0.710
6300	2.80	2.53E-03	-0.649	0.036	0.104	-0.234	0.030	-0.049	0.027	-0.008	-0.007	-0.157	-0.035	-0.109	-0.023	-0.004	0.686
6400	2.87	2.05E-03	-0.666	0.038	0.102	-0.241	0.030	-0.051	0.028	-0.008	-0.007	-0.165	-0.035	-0.109	-0.025	-0.005	0.664
6500	2.94	1.66E-03	-0.681	0.039	0.101	-0.248	0.030	-0.053	0.029	-0.008	-0.007	-0.172	-0.036	-0.108	-0.026	-0.005	0.644
6600	3.00	1.34E-03	-0.694	0.041	0.099	-0.255	0.030	-0.055	0.030	-0.008	-0.007	-0.179	-0.036	-0.107	-0.027	-0.005	0.626
6700	3.06	1.09E-03	-0.705	0.042	0.097	-0.260	0.030	-0.057	0.030	-0.008	-0.007	-0.185	-0.037	-0.106	-0.028	-0.005	0.609
6800	3.13	8.86E-04	-0.715	0.043	0.095	-0.266	0.029	-0.059	0.031	-0.008	-0.007	-0.192	-0.037	-0.105	-0.029	-0.005	0.593
6900	3.19	7.20E-04	-0.724	0.045	0.093	-0.271	0.029	-0.061	0.031	-0.008	-0.008	-0.198	-0.037	-0.104	-0.030	-0.005	0.578
7000	3.24	5.88E-04	-0.732	0.046	0.092	-0.276	0.029	-0.063	0.032	-0.008	-0.008	-0.204	-0.038	-0.103	-0.031	-0.005	0.563
7100	3.30	4.77E-04	-0.736	0.047	0.090	-0.280	0.029	-0.064	0.032	-0.005	-0.008	-0.209	-0.038	-0.102	-0.032	-0.006	0.554
7200	3.36	3.91E-04	-0.743	0.049	0.089	-0.284	0.029	-0.066	0.033	-0.005	-0.008	-0.215	-0.038	-0.101	-0.033	-0.006	0.540
7300	3.42	3.19E-04	-0.747	0.050	0.087	-0.288	0.028	-0.067	0.033	-0.005	-0.008	-0.220	-0.038	-0.100	-0.034	-0.006	0.530
7400	3.47	2.61E-04	-0.752	0.051	0.086	-0.292	0.028	-0.069	0.034	-0.005	-0.008	-0.225	-0.038	-0.098	-0.034	-0.006	0.520
7500	3.52	2.16E-04	-0.757	0.052	0.085	-0.296	0.028	-0.070	0.034	-0.005	-0.008	-0.230	-0.039	-0.098	-0.035	-0.006	0.507
7600	3.57	1.76E-04	-0.759	0.053	0.083	-0.298	0.028	-0.071	0.034	-0.005	-0.008	-0.235	-0.039	-0.096	-0.036	-0.006	0.501
7700	3.62	1.46E-04	-0.763	0.054	0.082	-0.302	0.027	-0.073	0.035	-0.005	-0.008	-0.240	-0.039	-0.095	-0.037	-0.006	0.490
7800	3.67	1.20E-04	-0.765	0.055	0.081	-0.305	0.027	-0.074	0.035	-0.005	-0.008	-0.244	-0.039	-0.094	-0.037	-0.006	0.483
7900	3.72	9.85E-05	-0.768	0.056	0.080	-0.308	0.027	-0.075	0.035	-0.005	-0.008	-0.248	-0.039	-0.093	-0.038	-0.006	0.475
8000	3.77	8.15E-05	-0.770	0.057	0.079	-0.310	0.027	-0.076	0.035	-0.005	-0.008	-0.253	-0.039	-0.092	-0.038	-0.006	0.466
8100	3.82	6.68E-05	-0.771	0.058	0.078	-0.313	0.027	-0.077	0.035	-0.005	-0.005	-0.257	-0.040	-0.091	-0.039	-0.006	0.462
8200	3.86	5.57E-05	-0.774	0.059	0.077	-0.316	0.027	-0.079	0.036	-0.005	-0.005	-0.261	-0.040	-0.090	-0.040	-0.007	0.453
8300	3.91	4.61E-05	-0.775	0.060	0.076	-0.318	0.026	-0.080	0.036	-0.004	-0.005	-0.265	-0.040	-0.089	-0.040	-0.007	0.446
8400	3.96	3.79E-05	-0.775	0.061	0.075	-0.320	0.026	-0.080	0.036	-0.004	-0.005	-0.269	-0.040	-0.088	-0.041	-0.007	0.442
8500	4.00	3.17E-05	-0.777	0.062	0.074	-0.323	0.026	-0.082	0.036	-0.004	-0.005	-0.273	-0.040	-0.087	-0.041	-0.007	0.434
8600	4.04	2.63E-05	-0.778	0.063	0.073	-0.325	0.026	-0.082	0.036	-0.004	-0.005	-0.276	-0.040	-0.086	-0.042	-0.007	0.429
8700	4.09	2.17E-05	-0.778	0.064	0.072	-0.326	0.026	-0.083	0.036	-0.004	-0.005	-0.280	-0.040	-0.085	-0.042	-0.007	0.426
8800	4.13	1.81E-05	-0.779	0.064	0.072	-0.328	0.026	-0.084	0.036	-0.004	-0.005	-0.283	-0.040	-0.084	-0.042	-0.007	0.420
9000	4.21	1.27E-05	-0.781	0.066	0.070	-0.332	0.025	-0.086	0.037	-0.004	-0.005	-0.290	-0.040	-0.083	-0.043	-0.007	0.409

Platform: NSS

Quantity: Maximum Tension (incl. subj. uncert.)

Display: Random variables

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Subjective Uncertainties Xs	Tmom	T1v	T2v	Tw,s-p	Auxil. Var.
11400	1.67	4.76E-02	9.4	12.7	-77	32.5	-78	0.8	-61	0.011	0.003	1.000	1.000	1.000	1.400	1.000	-1.310
11600	1.87	3.04E-02	9.6	12.8	-80	33.3	-79	0.8	-62	0.026	0.007	1.000	1.000	1.010	1.400	1.000	-1.320
11800	2.02	2.15E-02	9.9	12.9	-81	34.3	-80	0.8	-64	0.038	0.011	1.000	1.000	1.010	1.400	1.000	-1.330
12000	2.15	1.58E-02	10.2	13.1	-82	35.4	-81	0.9	-64	0.049	0.015	1.010	1.010	1.010	1.400	1.000	-1.350
12200	2.26	1.19E-02	10.4	13.2	-83	36.5	-81	0.9	-65	0.057	0.018	1.010	1.010	1.020	1.400	1.000	-1.360
12400	2.36	9.11E-03	10.7	13.3	-83	37.6	-82	0.9	-65	0.063	0.021	1.010	1.010	1.020	1.400	1.000	-1.370
12600	2.46	7.02E-03	11.0	13.5	-84	38.7	-83	1.0	-66	0.068	0.023	1.010	1.010	1.020	1.400	1.000	-1.380
12800	2.55	5.42E-03	11.3	13.6	-84	39.8	-83	1.0	-66	0.072	0.026	1.010	1.010	1.020	1.400	1.000	-1.390
13000	2.64	4.19E-03	11.6	13.7	-84	40.9	-83	1.0	-66	0.075	0.028	1.010	1.010	1.030	1.400	1.010	-1.400
13200	2.72	3.24E-03	11.8	13.8	-84	42.0	-84	1.1	-66	0.078	0.029	1.020	1.010	1.030	1.400	1.010	-1.410
13400	2.81	2.51E-03	12.1	13.9	-85	43.0	-84	1.1	-67	0.080	0.031	1.020	1.010	1.030	1.400	1.010	-1.420
13600	2.89	1.94E-03	12.4	14.0	-85	44.0	-84	1.2	-67	0.081	0.033	1.020	1.010	1.030	1.400	1.010	-1.440
13800	2.97	1.50E-03	12.6	14.1	-85	45.0	-84	1.2	-67	0.082	0.034	1.020	1.010	1.030	1.400	1.010	-1.440
14000	3.05	1.16E-03	12.8	14.2	-85	46.0	-84	1.2	-68	0.084	0.035	1.030	1.020	1.030	1.400	1.010	-1.450
14200	3.12	8.98E-04	13.1	14.3	-85	47.0	-84	1.3	-68	0.084	0.037	1.030	1.020	1.030	1.400	1.010	-1.460
14400	3.20	6.95E-04	13.3	14.4	-85	48.0	-85	1.3	-68	0.085	0.038	1.030	1.020	1.030	1.400	1.010	-1.470
14600	3.27	5.39E-04	13.5	14.5	-85	48.9	-85	1.3	-68	0.085	0.039	1.030	1.020	1.030	1.400	1.010	-1.470
14800	3.34	4.18E-04	13.8	14.6	-85	49.9	-85	1.3	-68	0.086	0.040	1.040	1.020	1.030	1.400	1.010	-1.480
15000	3.41	3.24E-04	14.0	14.7	-85	50.8	-85	1.4	-69	0.086	0.041	1.040	1.020	1.040	1.400	1.010	-1.490
15200	3.48	2.52E-04	14.2	14.7	-85	51.7	-85	1.4	-69	0.086	0.042	1.040	1.020	1.040	1.400	1.010	-1.490
15400	3.55	1.95E-04	14.4	14.8	-85	52.5	-85	1.4	-69	0.086	0.042	1.040	1.020	1.040	1.400	1.010	-1.500
15600	3.61	1.52E-04	14.6	14.9	-86	53.4	-85	1.5	-69	0.086	0.043	1.050	1.020	1.040	1.400	1.010	-1.510
15800	3.67	1.19E-04	14.8	14.9	-86	54.3	-85	1.5	-69	0.086	0.044	1.050	1.020	1.040	1.400	1.010	-1.510
16000	3.74	9.30E-05	14.9	15.0	-86	55.1	-85	1.5	-69	0.086	0.045	1.050	1.020	1.040	1.400	1.020	-1.520
16200	3.80	7.26E-05	15.1	15.1	-86	55.9	-85	1.6	-70	0.086	0.045	1.060	1.020	1.040	1.400	1.020	-1.520
16400	3.86	5.65E-05	15.3	15.1	-86	56.7	-85	1.6	-70	0.085	0.046	1.060	1.020	1.040	1.400	1.020	-1.540
16600	3.92	4.43E-05	15.5	15.2	-86	57.5	-85	1.6	-70	0.085	0.046	1.060	1.020	1.040	1.410	1.020	-1.540
16800	3.98	3.49E-05	15.6	15.3	-86	58.3	-86	1.6	-70	0.085	0.047	1.060	1.020	1.040	1.410	1.020	-1.540
17000	4.03	2.73E-05	15.8	15.3	-86	59.1	-85	1.7	-70	0.084	0.047	1.070	1.030	1.040	1.410	1.020	-1.550

Platform: NSS

Quantity: Maximum Tension (incl. subj. uncert.)

Display: Importance Factors

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Subjective Uncertainties Xs	Tmom	T1v	T2v	Tw,s-p	Auxil. Var.
11400	1.67	4.76E-02	-0.065	0.001	0.039	-0.025	0.016	-0.001	0.001	-0.008	-0.002	-0.003	-0.007	-0.022	-0.000	-0.003	0.996
11600	1.87	3.04E-02	-0.170	0.003	0.080	-0.063	0.035	-0.002	0.002	-0.019	-0.005	-0.008	-0.018	-0.054	-0.000	-0.007	0.978
11800	2.02	2.15E-02	-0.272	0.005	0.100	-0.096	0.047	-0.004	0.003	-0.027	-0.008	-0.013	-0.027	-0.080	-0.001	-0.012	0.947
12000	2.15	1.58E-02	-0.366	0.006	0.112	-0.125	0.056	-0.005	0.004	-0.033	-0.010	-0.018	-0.035	-0.100	-0.001	-0.016	0.906
12200	2.26	1.19E-02	-0.442	0.007	0.117	-0.149	0.061	-0.007	0.005	-0.036	-0.012	-0.022	-0.041	-0.113	-0.001	-0.019	0.865
12400	2.36	9.11E-03	-0.505	0.008	0.118	-0.168	0.064	-0.008	0.006	-0.038	-0.013	-0.026	-0.045	-0.122	-0.001	-0.022	0.824
12600	2.46	7.02E-03	-0.558	0.008	0.117	-0.185	0.066	-0.009	0.007	-0.039	-0.013	-0.030	-0.049	-0.128	-0.001	-0.024	0.783
12800	2.55	5.42E-03	-0.599	0.009	0.115	-0.199	0.067	-0.010	0.008	-0.039	-0.014	-0.033	-0.052	-0.132	-0.002	-0.026	0.749
13000	2.64	4.19E-03	-0.632	0.009	0.113	-0.211	0.067	-0.012	0.009	-0.039	-0.014	-0.037	-0.055	-0.134	-0.002	-0.028	0.717
13200	2.72	3.24E-03	-0.659	0.010	0.110	-0.221	0.067	-0.013	0.009	-0.038	-0.014	-0.040	-0.057	-0.135	-0.002	-0.030	0.688
13400	2.81	2.51E-03	-0.682	0.010	0.107	-0.231	0.066	-0.014	0.010	-0.037	-0.015	-0.043	-0.058	-0.135	-0.002	-0.032	0.663
13600	2.89	1.94E-03	-0.699	0.010	0.104	-0.240	0.065	-0.015	0.011	-0.036	-0.015	-0.047	-0.060	-0.134	-0.002	-0.034	0.642
13800	2.97	1.50E-03	-0.715	0.011	0.102	-0.248	0.065	-0.016	0.012	-0.035	-0.015	-0.050	-0.061	-0.133	-0.003	-0.035	0.621
14000	3.05	1.16E-03	-0.729	0.011	0.099	-0.256	0.064	-0.017	0.013	-0.035	-0.015	-0.053	-0.062	-0.132	-0.003	-0.037	0.601
14200	3.12	8.98E-04	-0.741	0.011	0.097	-0.263	0.063	-0.018	0.013	-0.034	-0.015	-0.056	-0.064	-0.131	-0.003	-0.038	0.584
14400	3.20	6.95E-04	-0.751	0.012	0.095	-0.270	0.062	-0.019	0.014	-0.033	-0.015	-0.059	-0.064	-0.130	-0.003	-0.039	0.568
14600	3.27	5.39E-04	-0.760	0.012	0.093	-0.276	0.062	-0.020	0.015	-0.032	-0.015	-0.062	-0.065	-0.128	-0.003	-0.041	0.553
14800	3.34	4.18E-04	-0.767	0.012	0.091	-0.283	0.061	-0.021	0.016	-0.031	-0.015	-0.065	-0.066	-0.126	-0.003	-0.042	0.539
15000	3.41	3.24E-04	-0.774	0.012	0.089	-0.289	0.060	-0.022	0.016	-0.030	-0.014	-0.068	-0.067	-0.125	-0.004	-0.043	0.527
15200	3.48	2.52E-04	-0.780	0.013	0.087	-0.294	0.059	-0.023	0.017	-0.030	-0.014	-0.071	-0.068	-0.123	-0.004	-0.044	0.515
15400	3.55	1.95E-04	-0.784	0.013	0.085	-0.299	0.058	-0.024	0.017	-0.029	-0.014	-0.074	-0.068	-0.121	-0.004	-0.046	0.506
15600	3.61	1.52E-04	-0.788	0.013	0.083	-0.304	0.058	-0.025	0.018	-0.028	-0.014	-0.077	-0.069	-0.119	-0.004	-0.047	0.496
15800	3.67	1.19E-04	-0.793	0.013	0.083	-0.310	0.057	-0.026	0.019	-0.028	-0.014	-0.080	-0.069	-0.118	-0.004	-0.048	0.485
16000	3.74	9.30E-05	-0.797	0.014	0.081	-0.314	0.057	-0.027	0.019	-0.027	-0.014	-0.083	-0.070	-0.116	-0.005	-0.049	0.476
16200	3.80	7.26E-05	-0.800	0.014	0.080	-0.319	0.056	-0.027	0.020	-0.026	-0.014	-0.086	-0.070	-0.115	-0.005	-0.050	0.468
16400	3.86	5.65E-05	-0.801	0.014	0.078	-0.323	0.055	-0.028	0.020	-0.026	-0.014	-0.088	-0.071	-0.113	-0.005	-0.051	0.463
16600	3.92	4.43E-05	-0.804	0.014	0.076	-0.327	0.054	-0.029	0.021	-0.025	-0.014	-0.091	-0.071	-0.111	-0.005	-0.052	0.456
16800	3.98	3.49E-05	-0.807	0.014	0.076	-0.331	0.055	-0.030	0.021	-0.025	-0.014	-0.094	-0.072	-0.110	-0.005	-0.053	0.447
17000	4.03	2.73E-05	-0.808	0.015	0.074	-0.335	0.052	-0.031	0.022	-0.024	-0.014	-0.097	-0.072	-0.108	-0.005	-0.054	0.442

Platform: NSC

Quantity: Maximum Tension (incl. subj. uncert.)

Display: Random variables

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Subjective Uncertainties Xs	Tmom	T1v	T2v	Tw,s-p	Auxil. Var.
17000	1.57	5.87E-02	9.3	12.7	-76	32.2	-77	0.8	-60	0.003	0.004	1.000	1.000	1.000	1.400	1.000	-1.310
17300	1.80	3.57E-02	9.5	12.7	-77	32.9	-79	0.8	-61	0.011	0.015	1.000	1.000	1.000	1.400	1.000	-1.310
17500	1.96	2.51E-02	9.7	12.8	-79	33.6	-79	0.8	-62	0.018	0.025	1.010	1.000	1.010	1.400	1.000	-1.320
17800	2.08	1.87E-02	9.9	12.9	-80	34.5	-80	0.8	-64	0.024	0.035	1.010	1.000	1.010	1.400	1.000	-1.330
18000	2.19	1.44E-02	10.1	13.0	-81	35.4	-80	0.9	-64	0.029	0.043	1.020	1.000	1.010	1.400	1.000	-1.330
18300	2.28	1.14E-02	10.3	13.1	-81	36.2	-81	0.9	-65	0.032	0.049	1.020	1.000	1.010	1.400	1.000	-1.340
18500	2.36	9.14E-03	10.5	13.2	-81	37.0	-81	0.9	-65	0.035	0.055	1.020	1.010	1.010	1.400	1.000	-1.350
18800	2.44	7.39E-03	10.7	13.3	-82	37.9	-81	0.9	-65	0.038	0.060	1.030	1.010	1.010	1.400	1.000	-1.350
19000	2.51	6.03E-03	10.9	13.4	-82	38.7	-82	1.0	-66	0.040	0.064	1.030	1.010	1.010	1.400	1.010	-1.350
19300	2.58	4.93E-03	11.1	13.5	-83	39.6	-82	1.0	-66	0.042	0.067	1.030	1.010	1.010	1.400	1.010	-1.360
19500	2.65	4.05E-03	11.3	13.6	-83	40.4	-82	1.0	-66	0.043	0.070	1.040	1.010	1.020	1.400	1.010	-1.360
19800	2.71	3.34E-03	11.5	13.7	-83	41.1	-83	1.1	-67	0.044	0.073	1.040	1.010	1.020	1.400	1.010	-1.370
20000	2.77	2.76E-03	11.7	13.7	-83	41.9	-83	1.1	-67	0.045	0.075	1.050	1.010	1.020	1.410	1.010	-1.370
20300	2.84	2.29E-03	11.9	13.8	-83	42.6	-83	1.1	-68	0.046	0.077	1.050	1.010	1.020	1.410	1.010	-1.380
20500	2.89	1.90E-03	12.1	13.9	-83	43.4	-83	1.1	-68	0.047	0.078	1.050	1.010	1.020	1.410	1.010	-1.380
20800	2.95	1.58E-03	12.2	13.9	-83	44.1	-83	1.2	-68	0.048	0.080	1.060	1.010	1.020	1.410	1.010	-1.380
21000	3.01	1.31E-03	12.4	14.0	-83	44.8	-83	1.2	-68	0.048	0.081	1.060	1.010	1.020	1.410	1.010	-1.390
21300	3.06	1.09E-03	12.6	14.1	-84	45.4	-83	1.2	-68	0.049	0.082	1.060	1.010	1.020	1.410	1.010	-1.390
21500	3.12	9.10E-04	12.7	14.1	-84	46.1	-83	1.2	-69	0.049	0.083	1.070	1.010	1.020	1.410	1.010	-1.400
21800	3.17	7.61E-04	12.9	14.2	-84	46.7	-83	1.3	-69	0.049	0.084	1.070	1.010	1.020	1.410	1.010	-1.400
22000	3.22	6.41E-04	13.0	14.3	-84	47.4	-83	1.3	-69	0.050	0.085	1.080	1.010	1.020	1.410	1.010	-1.390
22300	3.27	5.38E-04	13.2	14.3	-84	48.0	-84	1.3	-69	0.050	0.086	1.080	1.010	1.020	1.410	1.010	-1.400
22500	3.32	4.52E-04	13.3	14.4	-84	48.6	-84	1.3	-69	0.050	0.086	1.080	1.010	1.020	1.410	1.010	-1.400
22800	3.37	3.80E-04	13.5	14.4	-84	49.3	-84	1.3	-69	0.051	0.087	1.090	1.010	1.020	1.410	1.010	-1.400
23000	3.42	3.17E-04	13.6	14.5	-84	49.8	-84	1.4	-70	0.051	0.087	1.090	1.010	1.020	1.410	1.010	-1.410

Platform: NSC

Quantity: Maximum Tension (incl. subj. uncert.)

Display: Importance Factors

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Subjective Uncertainties Xs	Tmom	T1v	T2v	Tw,s-p	Auxil. Var.
17000	1.57	5.87E-02	-0.028	0.001	0.015	-0.014	0.007	-0.001	0.001	-0.002	-0.003	-0.005	-0.003	-0.007	-0.000	-0.002	0.999
17300	1.80	3.57E-02	-0.105	0.004	0.046	-0.050	0.022	-0.005	0.004	-0.008	-0.011	-0.017	-0.010	-0.025	-0.001	-0.006	0.991
17500	1.96	2.51E-02	-0.193	0.007	0.068	-0.088	0.035	-0.010	0.007	-0.013	-0.019	-0.030	-0.017	-0.042	-0.002	-0.011	0.972
17800	2.08	1.87E-02	-0.274	0.009	0.082	-0.122	0.044	-0.014	0.009	-0.017	-0.025	-0.042	-0.023	-0.055	-0.003	-0.015	0.946
18000	2.19	1.44E-02	-0.352	0.012	0.092	-0.152	0.050	-0.018	0.012	-0.020	-0.030	-0.054	-0.028	-0.066	-0.004	-0.019	0.912
18300	2.28	1.14E-02	-0.410	0.013	0.096	-0.174	0.054	-0.021	0.014	-0.021	-0.033	-0.064	-0.031	-0.072	-0.004	-0.022	0.881
18500	2.36	9.14E-03	-0.463	0.015	0.098	-0.194	0.056	-0.024	0.017	-0.022	-0.035	-0.073	-0.035	-0.077	-0.005	-0.025	0.848
18800	2.44	7.39E-03	-0.510	0.017	0.098	-0.212	0.057	-0.027	0.018	-0.023	-0.036	-0.081	-0.037	-0.080	-0.006	-0.027	0.814
19000	2.51	6.03E-03	-0.548	0.018	0.098	-0.226	0.058	-0.030	0.020	-0.023	-0.037	-0.089	-0.039	-0.082	-0.006	-0.029	0.785
19300	2.58	4.93E-03	-0.579	0.019	0.098	-0.238	0.059	-0.032	0.022	-0.023	-0.038	-0.096	-0.040	-0.083	-0.007	-0.031	0.757
19500	2.65	4.05E-03	-0.606	0.020	0.097	-0.249	0.059	-0.034	0.023	-0.023	-0.038	-0.102	-0.042	-0.083	-0.007	-0.032	0.731
19800	2.71	3.34E-03	-0.628	0.021	0.095	-0.259	0.059	-0.036	0.024	-0.023	-0.038	-0.108	-0.043	-0.083	-0.008	-0.034	0.707
20000	2.77	2.76E-03	-0.647	0.022	0.094	-0.267	0.058	-0.038	0.025	-0.023	-0.038	-0.114	-0.043	-0.083	-0.008	-0.035	0.685
20300	2.84	2.29E-03	-0.664	0.022	0.093	-0.274	0.058	-0.040	0.026	-0.022	-0.037	-0.119	-0.044	-0.082	-0.009	-0.036	0.666
20500	2.89	1.90E-03	-0.678	0.023	0.091	-0.281	0.057	-0.042	0.027	-0.022	-0.037	-0.125	-0.045	-0.081	-0.009	-0.037	0.647
20800	2.95	1.58E-03	-0.691	0.024	0.089	-0.288	0.057	-0.044	0.028	-0.022	-0.036	-0.130	-0.045	-0.080	-0.010	-0.038	0.630
21000	3.01	1.31E-03	-0.702	0.024	0.088	-0.293	0.056	-0.045	0.029	-0.021	-0.036	-0.134	-0.046	-0.079	-0.010	-0.038	0.614
21300	3.06	1.09E-03	-0.712	0.025	0.086	-0.299	0.055	-0.047	0.030	-0.021	-0.036	-0.139	-0.046	-0.078	-0.010	-0.039	0.599
21500	3.12	9.10E-04	-0.719	0.026	0.085	-0.303	0.055	-0.048	0.030	-0.021	-0.035	-0.143	-0.046	-0.077	-0.011	-0.040	0.588
21800	3.17	7.61E-04	-0.727	0.026	0.084	-0.308	0.054	-0.050	0.031	-0.020	-0.034	-0.148	-0.047	-0.076	-0.011	-0.040	0.575
22000	3.22	6.41E-04	-0.735	0.027	0.083	-0.313	0.054	-0.051	0.032	-0.020	-0.034	-0.152	-0.047	-0.075	-0.011	-0.041	0.559
22300	3.27	5.38E-04	-0.741	0.027	0.081	-0.317	0.053	-0.052	0.032	-0.020	-0.034	-0.156	-0.047	-0.074	-0.012	-0.042	0.548
22500	3.32	4.52E-04	-0.747	0.028	0.080	-0.321	0.053	-0.054	0.033	-0.019	-0.033	-0.160	-0.047	-0.073	-0.012	-0.042	0.538
22800	3.37	3.80E-04	-0.751	0.028	0.079	-0.324	0.052	-0.055	0.033	-0.019	-0.033	-0.164	-0.047	-0.071	-0.012	-0.043	0.528
23000	3.42	3.17E-04	-0.754	0.028	0.078	-0.327	0.052	-0.056	0.034	-0.019	-0.032	-0.167	-0.048	-0.070	-0.012	-0.043	0.522

Platform: GMS

Quantity: Minimum Tension (incl. subj. uncert.)

Display: Random variables

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Subjective Uncertainties Xs	Tmom	T1v	T2v	Tw,s-p	Auxil. Var.
2300	1.38	8.44E-02	9.3	12.7	-76	32.0	-77	0.8	-60	0.000	0.000	0.999	1.000	1.000	1.400	1.000	-1.300
2200	1.66	4.83E-02	9.4	12.7	-79	32.3	-79	0.8	-61	0.004	0.003	0.992	1.000	1.010	1.400	1.000	-1.310
2100	1.89	2.93E-02	9.6	12.8	-81	33.0	-80	0.8	-63	0.010	0.009	0.980	1.000	1.010	1.400	1.000	-1.340
2000	2.09	1.81E-02	9.9	13.0	-84	34.0	-81	0.8	-64	0.016	0.015	0.965	1.010	1.020	1.410	1.000	-1.370
1900	2.27	1.15E-02	10.3	13.1	-85	35.2	-83	0.8	-64	0.020	0.020	0.950	1.010	1.030	1.410	1.000	-1.410
1800	2.44	7.35E-03	10.7	13.3	-85	36.3	-84	0.9	-64	0.024	0.024	0.935	1.010	1.040	1.420	1.000	-1.460
1700	2.60	4.68E-03	11.0	13.4	-86	37.5	-84	0.9	-63	0.027	0.028	0.921	1.010	1.050	1.420	1.000	-1.500
1600	2.75	2.96E-03	11.4	13.6	-86	38.8	-85	1.0	-62	0.030	0.031	0.906	1.010	1.050	1.430	1.000	-1.540
1500	2.90	1.86E-03	11.8	13.7	-87	40.0	-85	1.0	-62	0.032	0.033	0.891	1.020	1.060	1.430	1.000	-1.590
1400	3.05	1.16E-03	12.1	13.8	-87	41.2	-86	1.0	-61	0.033	0.035	0.877	1.020	1.060	1.440	1.000	-1.630
1300	3.19	7.18E-04	12.5	14.0	-87	42.4	-87	1.1	-61	0.035	0.037	0.863	1.020	1.070	1.440	1.000	-1.670
1200	3.32	4.44E-04	12.8	14.1	-87	43.5	-87	1.1	-61	0.036	0.039	0.850	1.020	1.070	1.450	1.000	-1.710
1100	3.46	2.73E-04	13.1	14.2	-87	44.7	-87	1.2	-60	0.037	0.040	0.837	1.020	1.070	1.460	1.000	-1.750
1000	3.59	1.68E-04	13.5	14.3	-87	45.8	-87	1.2	-60	0.038	0.041	0.824	1.020	1.080	1.460	1.000	-1.790
900	3.71	1.03E-04	13.8	14.4	-87	47.0	-87	1.2	-60	0.038	0.042	0.812	1.020	1.080	1.470	1.000	-1.830
800	3.83	6.34E-05	14.1	14.5	-87	48.1	-88	1.3	-60	0.039	0.042	0.800	1.030	1.080	1.480	1.000	-1.870
700	3.95	3.90E-05	14.3	14.5	-87	49.2	-88	1.3	-60	0.039	0.043	0.788	1.030	1.080	1.490	1.000	-1.910
600	4.07	2.40E-05	14.6	14.6	-87	50.3	-88	1.3	-60	0.039	0.043	0.777	1.030	1.080	1.490	1.000	-1.940

Platform: GMS

Quantity: Minimum Tension (incl. subj. uncert.)

Display: Importance Factors

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Subjective Uncertainties Xs	Tmom	T1v	T2v	Tw,s-p	Auxil. Var.
2300	1.38	8.44E-02	-0.004	0.000	0.006	0.000	0.002	0.001	-0.000	-0.000	-0.000	0.002	-0.001	-0.003	-0.000	-0.000	1.000
2200	1.66	4.83E-02	-0.061	0.003	0.062	-0.000	0.020	0.007	-0.005	-0.003	-0.003	0.029	-0.010	-0.041	-0.004	-0.001	0.995
2100	1.89	2.93E-02	-0.166	0.008	0.112	-0.001	0.043	0.016	-0.012	-0.007	-0.006	0.073	-0.024	-0.102	-0.010	-0.002	0.970
2000	2.09	1.81E-02	-0.284	0.013	0.138	-0.003	0.062	0.026	-0.020	-0.011	-0.010	0.118	-0.039	-0.160	-0.017	-0.004	0.924
1900	2.27	1.15E-02	-0.381	0.019	0.143	-0.006	0.072	0.033	-0.027	-0.013	-0.012	0.154	-0.049	-0.200	-0.024	-0.005	0.872
1800	2.44	7.35E-03	-0.455	0.025	0.137	-0.009	0.076	0.038	-0.032	-0.014	-0.014	0.182	-0.057	-0.225	-0.030	-0.006	0.823
1700	2.60	4.68E-03	-0.512	0.031	0.134	-0.012	0.079	0.041	-0.037	-0.014	-0.014	0.206	-0.062	-0.241	-0.035	-0.007	0.776
1600	2.75	2.96E-03	-0.555	0.037	0.128	-0.017	0.080	0.044	-0.041	-0.014	-0.015	0.225	-0.066	-0.251	-0.041	-0.008	0.738
1500	2.90	1.86E-03	-0.586	0.043	0.120	-0.022	0.080	0.045	-0.045	-0.014	-0.015	0.241	-0.069	-0.257	-0.046	-0.009	0.705
1400	3.05	1.16E-03	-0.611	0.049	0.114	-0.027	0.079	0.046	-0.047	-0.014	-0.015	0.255	-0.072	-0.260	-0.051	-0.009	0.678
1300	3.19	7.18E-04	-0.631	0.056	0.108	-0.034	0.078	0.046	-0.049	-0.014	-0.015	0.267	-0.074	-0.261	-0.056	-0.010	0.654
1200	3.32	4.44E-04	-0.646	0.062	0.103	-0.041	0.076	0.046	-0.050	-0.013	-0.014	0.278	-0.076	-0.260	-0.061	-0.011	0.633
1100	3.46	2.73E-04	-0.658	0.069	0.099	-0.048	0.075	0.045	-0.050	-0.013	-0.014	0.287	-0.077	-0.259	-0.066	-0.011	0.616
1000	3.59	1.68E-04	-0.668	0.076	0.095	-0.055	0.073	0.044	-0.050	-0.013	-0.014	0.295	-0.078	-0.257	-0.071	-0.012	0.601
900	3.71	1.03E-04	-0.676	0.083	0.091	-0.063	0.071	0.043	-0.050	-0.012	-0.013	0.302	-0.079	-0.254	-0.076	-0.012	0.588
800	3.83	6.34E-05	-0.683	0.090	0.088	-0.071	0.069	0.041	-0.049	-0.012	-0.013	0.309	-0.080	-0.251	-0.080	-0.012	0.576
700	3.95	3.90E-05	-0.689	0.098	0.086	-0.079	0.067	0.040	-0.047	-0.012	-0.013	0.314	-0.081	-0.247	-0.085	-0.013	0.566
600	4.07	2.40E-05	-0.693	0.105	0.083	-0.087	0.066	0.038	-0.045	-0.011	-0.012	0.319	-0.082	-0.243	-0.090	-0.013	0.556

Platform: NSS

Quantity: Minimum Tension (incl. subj. uncert.)

Display: Random variables

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Subjective Uncertainties Xs	Tmom	T1v	T2v	Tw,s-p	Auxil. Var.
5250	1.66	4.85E-02	9.4	12.7	-77	32.5	-78	0.8	-61	0.013	0.003	0.999	1.000	1.000	1.400	1.000	-1.310
5000	1.91	2.82E-02	9.7	12.8	-80	33.6	-80	0.8	-63	0.034	0.010	0.997	1.000	1.010	1.400	1.000	-1.330
4750	2.10	1.79E-02	10.1	13.0	-83	35.0	-81	0.8	-64	0.054	0.016	0.995	1.010	1.020	1.400	1.000	-1.350
4500	2.26	1.20E-02	10.5	13.2	-83	36.5	-83	0.9	-65	0.068	0.022	0.992	1.010	1.020	1.400	1.000	-1.380
4250	2.40	8.22E-03	10.9	13.4	-84	38.0	-83	0.9	-65	0.080	0.027	0.989	1.010	1.030	1.400	1.000	-1.400
4000	2.54	5.62E-03	11.3	13.6	-85	39.5	-84	1.0	-65	0.088	0.031	0.986	1.010	1.030	1.400	1.010	-1.420
3750	2.67	3.82E-03	11.7	13.7	-85	41.0	-85	1.0	-65	0.095	0.035	0.982	1.010	1.030	1.400	1.010	-1.450
3500	2.79	2.60E-03	12.1	13.9	-85	42.6	-85	1.1	-65	0.101	0.040	0.979	1.020	1.040	1.400	1.010	-1.470
3250	2.92	1.75E-03	12.5	14.1	-85	44.1	-85	1.1	-65	0.105	0.043	0.975	1.020	1.040	1.400	1.010	-1.500
3000	3.04	1.17E-03	12.8	14.2	-86	45.5	-86	1.2	-65	0.109	0.047	0.970	1.020	1.040	1.400	1.010	-1.520
2750	3.17	7.75E-04	13.2	14.4	-86	46.9	-87	1.2	-65	0.112	0.050	0.966	1.020	1.050	1.400	1.010	-1.550
2500	3.28	5.11E-04	13.6	14.5	-86	48.4	-87	1.3	-64	0.114	0.053	0.961	1.020	1.050	1.400	1.010	-1.580
2250	3.40	3.37E-04	13.9	14.6	-86	49.8	-87	1.3	-64	0.116	0.056	0.957	1.020	1.050	1.400	1.020	-1.600
2000	3.51	2.22E-04	14.2	14.8	-86	51.1	-87	1.4	-64	0.118	0.059	0.952	1.030	1.050	1.400	1.020	-1.630
1750	3.62	1.45E-04	14.5	14.9	-86	52.5	-87	1.4	-63	0.119	0.062	0.947	1.030	1.050	1.400	1.020	-1.650
1500	3.73	9.50E-05	14.9	15.0	-86	53.8	-88	1.5	-63	0.120	0.064	0.942	1.030	1.050	1.410	1.020	-1.680
1250	3.84	6.19E-05	15.2	15.1	-87	55.1	-88	1.5	-62	0.121	0.067	0.936	1.030	1.060	1.410	1.020	-1.710
1000	3.94	4.08E-05	15.4	15.2	-87	56.3	-88	1.5	-62	0.121	0.069	0.931	1.030	1.060	1.410	1.020	-1.740

Platform: NSS

Quantity: Minimum Tension (incl. subj. uncert.)

Display: Importance Factors

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Subjective Uncertainties Xs	Tmom	T1v	T2v	Tw,s-p	Auxil. Var.
5250	1.66	4.85E-02	-0.066	0.001	0.045	-0.022	0.019	0.001	-0.001	-0.010	-0.003	0.004	-0.009	-0.026	-0.000	-0.003	0.996
5000	1.91	2.82E-02	-0.199	0.002	0.093	-0.062	0.045	0.003	-0.002	-0.025	-0.007	0.011	-0.024	-0.071	-0.000	-0.010	0.969
4750	2.10	1.79E-02	-0.337	0.004	0.117	-0.099	0.063	0.005	-0.004	-0.037	-0.011	0.019	-0.038	-0.110	-0.001	-0.017	0.918
4500	2.26	1.20E-02	-0.445	0.004	0.124	-0.126	0.072	0.007	-0.005	-0.043	-0.014	0.025	-0.048	-0.135	-0.001	-0.022	0.861
4250	2.40	8.22E-03	-0.528	0.005	0.124	-0.147	0.077	0.009	-0.007	-0.046	-0.016	0.032	-0.056	-0.151	-0.001	-0.027	0.805
4000	2.54	5.62E-03	-0.588	0.005	0.121	-0.163	0.079	0.010	-0.009	-0.047	-0.017	0.038	-0.062	-0.161	-0.002	-0.031	0.756
3750	2.67	3.82E-03	-0.632	0.006	0.116	-0.176	0.079	0.012	-0.010	-0.047	-0.018	0.043	-0.067	-0.166	-0.002	-0.035	0.715
3500	2.79	2.60E-03	-0.669	0.006	0.113	-0.188	0.080	0.014	-0.012	-0.046	-0.018	0.049	-0.071	-0.171	-0.003	-0.039	0.676
3250	2.92	1.75E-03	-0.695	0.006	0.109	-0.198	0.079	0.015	-0.014	-0.045	-0.019	0.055	-0.075	-0.173	-0.003	-0.043	0.645
3000	3.04	1.17E-03	-0.716	0.006	0.105	-0.206	0.078	0.016	-0.015	-0.044	-0.019	0.060	-0.078	-0.173	-0.003	-0.046	0.619
2750	3.17	7.75E-04	-0.732	0.007	0.100	-0.215	0.077	0.018	-0.017	-0.043	-0.019	0.065	-0.081	-0.174	-0.004	-0.049	0.597
2500	3.28	5.11E-04	-0.745	0.007	0.094	-0.223	0.075	0.019	-0.019	-0.042	-0.019	0.071	-0.084	-0.173	-0.004	-0.052	0.578
2250	3.40	3.37E-04	-0.755	0.007	0.093	-0.230	0.075	0.020	-0.020	-0.041	-0.020	0.076	-0.086	-0.172	-0.005	-0.056	0.560
2000	3.51	2.22E-04	-0.764	0.007	0.088	-0.237	0.073	0.021	-0.022	-0.039	-0.020	0.081	-0.088	-0.171	-0.005	-0.059	0.545
1750	3.62	1.45E-04	-0.770	0.008	0.085	-0.244	0.072	0.022	-0.024	-0.038	-0.020	0.086	-0.090	-0.170	-0.005	-0.062	0.532
1500	3.73	9.50E-05	-0.776	0.008	0.083	-0.251	0.071	0.023	-0.025	-0.037	-0.020	0.091	-0.092	-0.168	-0.006	-0.065	0.521
1250	3.84	6.19E-05	-0.780	0.008	0.080	-0.258	0.070	0.024	-0.027	-0.036	-0.020	0.095	-0.094	-0.166	-0.006	-0.068	0.511
1000	3.94	4.08E-05	-0.783	0.009	0.078	-0.264	0.069	0.025	-0.029	-0.035	-0.020	0.100	-0.096	-0.164	-0.006	-0.071	0.502

Platform: NSC

Quantity: Minimum Tension (incl. subj. uncert.)

Display: Random variables

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Subjective Uncertainties Xs	Tmom	T1v	T2v	Tw,s-p	Auxil. Var.
9000	1.75	4.04E-02	9.5	12.7	-79	32.8	-80	0.8	-62	0.017	0.024	0.993	1.000	1.010	1.400	1.000	-1.320
8750	1.93	2.66E-02	9.7	12.9	-81	33.7	-81	0.8	-62	0.033	0.047	0.986	1.000	1.010	1.400	1.000	-1.340
8500	2.09	1.82E-02	10.0	13.0	-82	34.7	-83	0.8	-63	0.047	0.070	0.977	1.010	1.020	1.400	1.000	-1.360
8250	2.23	1.28E-02	10.3	13.1	-83	35.9	-84	0.9	-63	0.059	0.090	0.969	1.010	1.020	1.400	1.010	-1.380
8000	2.36	9.07E-03	10.7	13.3	-84	37.2	-85	0.9	-63	0.069	0.108	0.959	1.010	1.020	1.400	1.010	-1.400
7500	2.60	4.62E-03	11.3	13.6	-84	39.5	-86	1.0	-62	0.085	0.135	0.941	1.010	1.030	1.410	1.010	-1.460
7000	2.83	2.35E-03	11.9	13.8	-85	42.0	-87	1.1	-61	0.097	0.155	0.922	1.020	1.040	1.410	1.010	-1.500
6500	3.04	1.18E-03	12.5	14.1	-85	44.3	-88	1.1	-59	0.106	0.170	0.904	1.020	1.040	1.410	1.020	-1.550
6000	3.24	5.89E-04	13.1	14.3	-85	46.5	-88	1.2	-58	0.113	0.181	0.886	1.020	1.040	1.420	1.020	-1.600
5500	3.44	2.95E-04	13.6	14.5	-85	48.6	-89	1.3	-56	0.119	0.189	0.869	1.030	1.040	1.420	1.030	-1.650
5000	3.62	1.49E-04	14.0	14.7	-85	50.7	-89	1.3	-55	0.123	0.195	0.853	1.030	1.040	1.420	1.030	-1.690
4500	3.79	7.55E-05	14.5	14.8	-85	52.6	-89	1.4	-54	0.127	0.199	0.838	1.030	1.050	1.430	1.030	-1.730
4000	3.95	3.91E-05	14.9	15.0	-85	54.5	-89	1.5	-52	0.130	0.202	0.824	1.030	1.050	1.430	1.030	-1.770
3500	4.11	2.01E-05	15.3	15.1	-85	56.3	-89	1.5	-51	0.132	0.205	0.811	1.030	1.050	1.430	1.040	-1.800
3000	4.25	1.06E-05	15.7	15.2	-84	58.1	-90	1.6	-50	0.134	0.206	0.799	1.040	1.050	1.430	1.040	-1.840

Platform: NSC

Quantity: Minimum Tension (incl. subj. uncert.)

Display: Importance Factors

Tension (kN/tend)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	eps(Tmom) norm.	eps(Twsp) norm.	Subjective Uncertainties Xs	Tmom	T1v	T2v	Tw,s-p	Auxil. Var.
9000	1.75	4.04E-02	-0.102	0.001	0.064	-0.033	0.040	0.007	-0.005	-0.013	-0.018	0.026	-0.016	-0.041	-0.002	-0.010	0.990
8750	1.93	2.66E-02	-0.207	0.003	0.097	-0.064	0.065	0.014	-0.011	-0.023	-0.034	0.052	-0.030	-0.077	-0.004	-0.020	0.963
8500	2.09	1.82E-02	-0.312	0.004	0.113	-0.092	0.082	0.021	-0.017	-0.032	-0.048	0.077	-0.043	-0.107	-0.006	-0.030	0.922
8250	2.23	1.28E-02	-0.401	0.005	0.119	-0.115	0.092	0.027	-0.023	-0.037	-0.057	0.100	-0.054	-0.128	-0.007	-0.039	0.876
8000	2.36	9.07E-03	-0.475	0.006	0.121	-0.134	0.098	0.032	-0.029	-0.041	-0.064	0.120	-0.062	-0.144	-0.009	-0.046	0.827
7500	2.60	4.62E-03	-0.569	0.009	0.112	-0.160	0.099	0.039	-0.040	-0.043	-0.069	0.152	-0.072	-0.157	-0.013	-0.058	0.750
7000	2.83	2.35E-03	-0.630	0.011	0.106	-0.180	0.099	0.044	-0.049	-0.044	-0.071	0.177	-0.080	-0.161	-0.016	-0.068	0.685
6500	3.04	1.18E-03	-0.667	0.014	0.097	-0.197	0.096	0.047	-0.057	-0.043	-0.070	0.198	-0.085	-0.160	-0.018	-0.075	0.638
6000	3.24	5.89E-04	-0.692	0.017	0.089	-0.212	0.094	0.049	-0.064	-0.042	-0.068	0.215	-0.088	-0.156	-0.020	-0.082	0.601
5500	3.44	2.95E-04	-0.708	0.019	0.083	-0.226	0.090	0.050	-0.069	-0.041	-0.066	0.228	-0.091	-0.151	-0.022	-0.088	0.572
5000	3.62	1.49E-04	-0.720	0.022	0.076	-0.239	0.086	0.050	-0.074	-0.040	-0.063	0.239	-0.093	-0.146	-0.024	-0.093	0.549
4500	3.79	7.55E-05	-0.728	0.024	0.071	-0.251	0.083	0.050	-0.078	-0.039	-0.061	0.248	-0.094	-0.140	-0.026	-0.097	0.529
4000	3.95	3.91E-05	-0.734	0.027	0.067	-0.262	0.081	0.049	-0.080	-0.038	-0.059	0.256	-0.095	-0.135	-0.027	-0.101	0.513
3500	4.11	2.01E-05	-0.739	0.029	0.063	-0.272	0.078	0.048	-0.082	-0.037	-0.057	0.262	-0.096	-0.129	-0.028	-0.105	0.499
3000	4.25	1.06E-05	-0.742	0.031	0.060	-0.282	0.076	0.047	-0.084	-0.035	-0.055	0.267	-0.097	-0.124	-0.029	-0.108	0.487

Platform: GMS

Quantity: Setdown+Wave Crest (SDC; incl. subj. uncert.)

Display: Random variables

SDC (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Tide (m)	Subjective Uncertainties Xs	X1v	Xlfw	X2v	enh. fctr.	Auxil. Var.
10	1.57	5.81E-02	9.5	12.8	-75	32.7	-77	0.776	-60	0.016	1.000	1.000	0.900	0.900	1.000	-1.320
11	1.78	3.73E-02	10.0	13.0	-75	34.3	-76	0.830	-60	0.038	1.010	1.000	0.902	0.901	1.010	-1.350
12	1.96	2.48E-02	10.5	13.2	-76	36.3	-76	0.894	-61	0.052	1.020	1.000	0.903	0.901	1.010	-1.390
13	2.13	1.64E-02	11.1	13.5	-76	38.2	-76	0.958	-61	0.060	1.030	1.000	0.905	0.902	1.010	-1.420
14	2.31	1.06E-02	11.6	13.7	-76	40.0	-76	1.020	-62	0.063	1.040	1.000	0.908	0.903	1.010	-1.460
15	2.47	6.73E-03	12.1	13.9	-76	41.9	-76	1.080	-62	0.064	1.050	1.000	0.911	0.903	1.010	-1.490
16	2.63	4.23E-03	12.6	14.1	-76	43.7	-76	1.150	-62	0.064	1.060	1.000	0.915	0.904	1.010	-1.520
17	2.79	2.64E-03	13.1	14.3	-76	45.5	-75	1.210	-63	0.063	1.070	1.000	0.920	0.905	1.020	-1.550
18	2.94	1.63E-03	13.5	14.5	-76	47.2	-75	1.270	-63	0.061	1.090	1.000	0.926	0.906	1.020	-1.580
19	3.09	1.00E-03	13.9	14.6	-76	48.8	-75	1.320	-64	0.058	1.100	1.000	0.933	0.907	1.020	-1.600
20	3.23	6.18E-04	14.3	14.8	-76	50.5	-75	1.380	-64	0.056	1.110	1.000	0.941	0.908	1.020	-1.630
21	3.37	3.80E-04	14.7	14.9	-76	52.0	-74	1.440	-64	0.052	1.120	1.000	0.950	0.909	1.020	-1.650
22	3.50	2.34E-04	15.1	15.0	-76	53.5	-74	1.490	-64	0.049	1.140	1.000	0.960	0.910	1.020	-1.670
23	3.63	1.44E-04	15.4	15.2	-76	54.9	-74	1.540	-65	0.045	1.150	1.000	0.971	0.911	1.020	-1.690
24	3.75	8.94E-05	15.7	15.3	-76	56.3	-74	1.590	-65	0.041	1.160	1.000	0.984	0.912	1.020	-1.710
25	3.86	5.56E-05	16.0	15.4	-76	57.7	-74	1.640	-65	0.038	1.180	1.000	0.997	0.912	1.020	-1.730
26	3.98	3.48E-05	16.3	15.5	-76	59.0	-74	1.690	-65	0.034	1.190	1.000	1.010	0.913	1.020	-1.740
28	4.19	1.39E-05	16.8	15.6	-76	61.5	-74	1.780	-66	0.026	1.210	1.000	1.040	0.915	1.020	-1.770
30	4.39	5.66E-06	17.3	15.8	-76	63.8	-74	1.870	-66	0.019	1.230	1.000	1.080	0.916	1.020	-1.800

Platform: GMS

Quantity: Setdown+Wave Crest (SDC; incl. subj. uncert.)

Display: Importance Factors

SDC (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Tide (m)	Subjective Uncertainties Xs	X1v	Xlfw	X2v	enh. fctr.	Auxil. Var.
10	1.57	5.81E-02	-0.110	0.003	0.002	-0.016	-0.003	-0.004	0.003	-0.026	-0.016	-0.001	-0.001	-0.001	-0.026	0.993
11	1.78	3.73E-02	-0.306	0.008	0.004	-0.043	-0.007	-0.012	0.008	-0.056	-0.044	-0.003	-0.003	-0.002	-0.064	0.946
12	1.96	2.48E-02	-0.464	0.011	0.005	-0.066	-0.010	-0.019	0.012	-0.069	-0.068	-0.004	-0.005	-0.003	-0.087	0.873
13	2.13	1.64E-02	-0.568	0.012	0.006	-0.085	-0.012	-0.025	0.015	-0.071	-0.088	-0.005	-0.007	-0.005	-0.099	0.804
14	2.31	1.06E-02	-0.635	0.013	0.007	-0.100	-0.014	-0.030	0.018	-0.068	-0.105	-0.006	-0.010	-0.006	-0.104	0.747
15	2.47	6.73E-03	-0.684	0.014	0.007	-0.114	-0.015	-0.034	0.020	-0.063	-0.121	-0.007	-0.013	-0.006	-0.107	0.698
16	2.63	4.23E-03	-0.718	0.015	0.007	-0.128	-0.015	-0.039	0.021	-0.058	-0.136	-0.008	-0.016	-0.007	-0.108	0.657
17	2.79	2.64E-03	-0.744	0.015	0.007	-0.140	-0.016	-0.043	0.022	-0.053	-0.151	-0.008	-0.020	-0.008	-0.109	0.622
18	2.94	1.63E-03	-0.760	0.016	0.007	-0.152	-0.016	-0.047	0.023	-0.048	-0.164	-0.009	-0.024	-0.009	-0.108	0.595
19	3.09	1.00E-03	-0.773	0.016	0.007	-0.163	-0.016	-0.050	0.024	-0.044	-0.177	-0.010	-0.029	-0.010	-0.107	0.571
20	3.23	6.18E-04	-0.784	0.017	0.007	-0.173	-0.016	-0.053	0.025	-0.039	-0.189	-0.010	-0.034	-0.011	-0.105	0.549
21	3.37	3.80E-04	-0.790	0.017	0.007	-0.184	-0.016	-0.057	0.026	-0.035	-0.201	-0.011	-0.040	-0.011	-0.103	0.532
22	3.50	2.34E-04	-0.795	0.018	0.007	-0.194	-0.016	-0.060	0.026	-0.032	-0.212	-0.011	-0.046	-0.012	-0.101	0.516
23	3.63	1.44E-04	-0.799	0.018	0.007	-0.203	-0.016	-0.062	0.027	-0.028	-0.223	-0.012	-0.053	-0.013	-0.099	0.502
24	3.75	8.94E-05	-0.801	0.019	0.007	-0.213	-0.016	-0.065	0.027	-0.025	-0.233	-0.012	-0.060	-0.013	-0.097	0.489
25	3.86	5.56E-05	-0.803	0.020	0.006	-0.222	-0.016	-0.067	0.027	-0.022	-0.242	-0.012	-0.067	-0.014	-0.094	0.477
26	3.98	3.48E-05	-0.803	0.020	0.006	-0.231	-0.016	-0.069	0.028	-0.019	-0.250	-0.013	-0.075	-0.014	-0.092	0.467
28	4.19	1.39E-05	-0.803	0.021	0.006	-0.247	-0.015	-0.073	0.028	-0.014	-0.266	-0.013	-0.091	-0.015	-0.086	0.448
30	4.39	5.66E-06	-0.801	0.022	0.005	-0.263	-0.014	-0.075	0.028	-0.010	-0.278	-0.013	-0.108	-0.016	-0.081	0.431

Platform: NSS

Quantity: Setdown+Wave Crest (SDC; incl. subj. uncert.)

Display: Random variables

SDC (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Tide (m)	Subjective Uncertainties Xs	X1v	Xlfw	X2v	enh. fctr.	Auxil. Var.
10	1.64	5.01E-02	9.7	12.9	-75	33.4	-77	0.797	-60	0.036	1.000	1.000	0.901	0.900	1.010	-1.340
11	1.84	3.29E-02	10.3	13.1	-75	35.2	-77	0.857	-60	0.062	1.010	1.000	0.903	0.900	1.010	-1.390
12	2.03	2.11E-02	10.9	13.4	-75	37.2	-76	0.923	-60	0.078	1.010	1.000	0.904	0.900	1.010	-1.440
13	2.22	1.31E-02	11.5	13.7	-76	39.3	-76	0.992	-61	0.089	1.010	1.000	0.907	0.901	1.010	-1.490
14	2.42	7.83E-03	12.1	13.9	-76	41.3	-76	1.060	-61	0.096	1.020	1.000	0.909	0.901	1.020	-1.550
15	2.61	4.57E-03	12.7	14.2	-76	43.3	-76	1.130	-61	0.100	1.030	1.000	0.912	0.901	1.020	-1.600
16	2.79	2.60E-03	13.2	14.4	-76	45.2	-76	1.190	-61	0.103	1.030	1.000	0.916	0.901	1.020	-1.660
17	2.98	1.46E-03	13.8	14.6	-76	47.1	-76	1.260	-62	0.104	1.040	1.000	0.920	0.902	1.020	-1.710
18	3.15	8.06E-04	14.3	14.8	-76	49.0	-76	1.320	-62	0.104	1.050	1.000	0.925	0.902	1.020	-1.770
19	3.33	4.39E-04	14.8	15.0	-76	50.8	-76	1.380	-62	0.103	1.050	1.000	0.930	0.902	1.020	-1.820
20	3.49	2.38E-04	15.2	15.2	-76	52.6	-75	1.440	-63	0.101	1.060	1.000	0.936	0.903	1.020	-1.880
21	3.65	1.29E-04	15.7	15.3	-76	54.3	-75	1.500	-63	0.099	1.070	1.000	0.942	0.903	1.030	-1.930
22	3.81	6.98E-05	16.1	15.5	-76	56.0	-75	1.560	-64	0.097	1.080	1.000	0.948	0.904	1.030	-1.980
23	3.96	3.76E-05	16.5	15.6	-76	57.6	-75	1.620	-64	0.094	1.090	1.000	0.955	0.904	1.030	-2.040
24	4.10	2.03E-05	16.9	15.8	-76	59.2	-75	1.680	-64	0.091	1.100	1.000	0.962	0.905	1.030	-2.090
25	4.24	1.10E-05	17.3	15.9	-76	60.7	-75	1.730	-64	0.087	1.110	1.000	0.969	0.905	1.030	-2.140
26	4.38	5.94E-06	17.6	16.0	-76	62.2	-74	1.790	-65	0.084	1.120	1.000	0.976	0.905	1.030	-2.180
28	4.64	1.76E-06	18.3	16.2	-76	65.1	-74	1.890	-65	0.076	1.140	1.010	0.990	0.906	1.030	-2.280
30	4.88	5.28E-07	18.9	16.4	-76	67.8	-74	2.000	-65	0.069	1.160	1.010	1.000	0.907	1.030	-2.360

Platform: NSS

Quantity: Setdown+Wave Crest (SDC; incl. subj. uncert.)

Display: Importance Factors

SDC (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Tide (m)	Subjective Uncertainties Xs	X1v	Xlfw	X2v	enh. fctr.	Auxil. Var.
10	1.64	5.01E-02	-0.206	0.002	0.001	-0.011	-0.002	-0.003	0.002	-0.055	-0.010	-0.002	-0.002	-0.000	-0.053	0.975
11	1.84	3.29E-02	-0.397	0.003	0.002	-0.023	-0.004	-0.006	0.004	-0.085	-0.020	-0.003	-0.004	-0.001	-0.090	0.909
12	2.03	2.11E-02	-0.530	0.003	0.003	-0.033	-0.005	-0.009	0.006	-0.095	-0.029	-0.005	-0.006	-0.001	-0.111	0.834
13	2.22	1.31E-02	-0.619	0.002	0.004	-0.042	-0.007	-0.012	0.008	-0.096	-0.038	-0.006	-0.008	-0.001	-0.123	0.767
14	2.42	7.83E-03	-0.675	0.001	0.004	-0.051	-0.008	-0.014	0.009	-0.093	-0.045	-0.008	-0.011	-0.002	-0.129	0.717
15	2.61	4.57E-03	-0.715	0.000	0.005	-0.060	-0.009	-0.017	0.011	-0.089	-0.053	-0.009	-0.013	-0.002	-0.133	0.675
16	2.79	2.60E-03	-0.743	-0.001	0.005	-0.069	-0.009	-0.020	0.012	-0.084	-0.061	-0.010	-0.016	-0.002	-0.135	0.643
17	2.98	1.46E-03	-0.763	-0.002	0.005	-0.078	-0.010	-0.023	0.013	-0.079	-0.069	-0.012	-0.018	-0.003	-0.136	0.618
18	3.15	8.06E-04	-0.778	-0.002	0.005	-0.087	-0.010	-0.026	0.014	-0.074	-0.077	-0.013	-0.021	-0.003	-0.136	0.596
19	3.33	4.39E-04	-0.788	-0.003	0.005	-0.096	-0.011	-0.029	0.015	-0.069	-0.085	-0.014	-0.024	-0.003	-0.136	0.581
20	3.49	2.38E-04	-0.796	-0.004	0.006	-0.105	-0.011	-0.031	0.017	-0.064	-0.093	-0.015	-0.027	-0.003	-0.135	0.567
21	3.65	1.29E-04	-0.803	-0.005	0.005	-0.114	-0.011	-0.034	0.017	-0.060	-0.101	-0.016	-0.030	-0.004	-0.134	0.555
22	3.81	6.98E-05	-0.808	-0.005	0.005	-0.122	-0.011	-0.037	0.018	-0.056	-0.109	-0.017	-0.033	-0.004	-0.133	0.545
23	3.96	3.76E-05	-0.811	-0.006	0.005	-0.131	-0.011	-0.040	0.019	-0.052	-0.116	-0.019	-0.036	-0.004	-0.132	0.537
24	4.10	2.03E-05	-0.813	-0.006	0.005	-0.139	-0.011	-0.042	0.020	-0.048	-0.124	-0.020	-0.039	-0.005	-0.130	0.530
25	4.24	1.10E-05	-0.815	-0.007	0.005	-0.147	-0.012	-0.045	0.020	-0.045	-0.132	-0.021	-0.042	-0.005	-0.129	0.523
26	4.38	5.94E-06	-0.816	-0.007	0.005	-0.154	-0.012	-0.047	0.021	-0.042	-0.139	-0.022	-0.045	-0.005	-0.127	0.517
28	4.64	1.76E-06	-0.817	-0.008	0.005	-0.168	-0.012	-0.052	0.022	-0.036	-0.153	-0.024	-0.050	-0.006	-0.124	0.508
30	4.88	5.28E-07	-0.817	-0.009	0.004	-0.181	-0.011	-0.057	0.023	-0.030	-0.167	-0.025	-0.055	-0.006	-0.121	0.499

Platform: NSC

Quantity: Setdown+Wave Crest (SDC; incl. subj. uncert.)

Display: Random variables

SDC (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Tide (m)	Subjective Uncertainties Xs	X1v	Xlfw	X2v	enh. fctr.	Auxil. Var.
10	1.63	5.16E-02	9.6	12.8	-75	33.2	-77	0.792	-60	0.029	1.000	1.000	0.903	0.900	1.010	-1.330
11	1.82	3.40E-02	10.2	13.1	-75	35.1	-76	0.853	-60	0.053	1.010	1.000	0.908	0.900	1.010	-1.370
12	2.01	2.24E-02	10.8	13.3	-76	37.1	-76	0.920	-61	0.067	1.020	1.000	0.915	0.901	1.010	-1.410
13	2.19	1.44E-02	11.4	13.6	-76	39.1	-76	0.989	-61	0.074	1.030	1.000	0.924	0.901	1.010	-1.450
14	2.36	9.07E-03	11.9	13.9	-76	41.2	-76	1.060	-61	0.077	1.030	1.000	0.936	0.901	1.010	-1.490
15	2.54	5.60E-03	12.5	14.1	-76	43.2	-76	1.130	-62	0.078	1.040	1.000	0.952	0.901	1.010	-1.520
16	2.70	3.42E-03	13.0	14.3	-76	45.1	-76	1.190	-62	0.076	1.050	1.000	0.972	0.902	1.020	-1.560
17	2.86	2.09E-03	13.4	14.5	-76	47.0	-75	1.260	-63	0.072	1.060	1.000	0.997	0.902	1.020	-1.580
18	3.02	1.27E-03	13.9	14.6	-76	48.8	-75	1.320	-63	0.067	1.070	1.000	1.030	0.903	1.020	-1.600
19	3.16	7.76E-04	14.2	14.8	-76	50.6	-75	1.380	-64	0.061	1.090	1.000	1.060	0.903	1.020	-1.610
20	3.31	4.74E-04	14.6	14.9	-76	52.2	-75	1.440	-64	0.054	1.100	1.000	1.100	0.903	1.020	-1.620
21	3.44	2.92E-04	14.9	15.0	-76	53.7	-75	1.490	-64	0.047	1.100	1.000	1.130	0.904	1.010	-1.630
22	3.57	1.82E-04	15.2	15.1	-76	55.1	-74	1.540	-64	0.041	1.110	1.000	1.170	0.904	1.010	-1.630
23	3.68	1.15E-04	15.4	15.2	-76	56.3	-74	1.590	-64	0.035	1.120	1.000	1.210	0.904	1.010	-1.640
24	3.80	7.37E-05	15.6	15.3	-76	57.5	-74	1.630	-65	0.030	1.130	1.000	1.240	0.904	1.010	-1.650
25	3.90	4.80E-05	15.8	15.3	-76	58.7	-74	1.670	-65	0.026	1.130	1.000	1.270	0.904	1.010	-1.650
26	4.00	3.17E-05	16.0	15.4	-76	59.7	-74	1.700	-65	0.022	1.140	1.000	1.290	0.905	1.010	-1.660
28	4.18	1.43E-05	16.4	15.5	-76	61.8	-74	1.780	-65	0.015	1.150	1.000	1.340	0.905	1.010	-1.680
30	4.36	6.64E-06	16.8	15.7	-76	63.7	-74	1.850	-65	0.010	1.160	1.000	1.370	0.905	1.010	-1.700

Platform: NSC

Quantity: Setdown+Wave Crest (SDC; incl. subj. uncert.)

Display: Importance Factors

SDC (m)	Safety Index	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Tide (m)	Subjective Uncertainties Xs	X1v	Xlfw	X2v	enh. fctr.	Auxil. Var.
10	1.63	5.16E-02	-0.179	0.004	0.001	-0.019	-0.003	-0.005	0.003	-0.044	-0.017	-0.001	-0.006	-0.000	-0.044	0.982
11	1.82	3.40E-02	-0.378	0.007	0.003	-0.040	-0.006	-0.011	0.007	-0.074	-0.036	-0.001	-0.014	-0.001	-0.081	0.917
12	2.01	2.24E-02	-0.517	0.008	0.004	-0.060	-0.008	-0.017	0.011	-0.083	-0.052	-0.002	-0.022	-0.001	-0.101	0.841
13	2.19	1.44E-02	-0.608	0.009	0.005	-0.078	-0.010	-0.022	0.013	-0.083	-0.067	-0.003	-0.032	-0.002	-0.110	0.774
14	2.36	9.07E-03	-0.670	0.010	0.006	-0.097	-0.011	-0.027	0.016	-0.078	-0.081	-0.003	-0.043	-0.002	-0.114	0.717
15	2.54	5.60E-03	-0.710	0.010	0.006	-0.116	-0.013	-0.031	0.018	-0.072	-0.095	-0.004	-0.057	-0.003	-0.114	0.671
16	2.70	3.42E-03	-0.737	0.010	0.006	-0.135	-0.013	-0.036	0.019	-0.065	-0.108	-0.004	-0.073	-0.003	-0.112	0.634
17	2.86	2.09E-03	-0.757	0.010	0.007	-0.156	-0.014	-0.040	0.021	-0.057	-0.122	-0.005	-0.092	-0.003	-0.108	0.601
18	3.02	1.27E-03	-0.771	0.010	0.007	-0.178	-0.015	-0.044	0.022	-0.050	-0.134	-0.005	-0.114	-0.004	-0.102	0.573
19	3.16	7.76E-04	-0.779	0.010	0.007	-0.199	-0.015	-0.048	0.023	-0.043	-0.145	-0.006	-0.137	-0.004	-0.095	0.548
20	3.31	4.74E-04	-0.783	0.011	0.007	-0.220	-0.015	-0.051	0.024	-0.037	-0.155	-0.006	-0.160	-0.004	-0.088	0.526
21	3.44	2.92E-04	-0.784	0.011	0.007	-0.240	-0.015	-0.053	0.024	-0.031	-0.163	-0.006	-0.183	-0.005	-0.080	0.507
22	3.57	1.82E-04	-0.783	0.011	0.007	-0.258	-0.015	-0.054	0.024	-0.026	-0.169	-0.006	-0.204	-0.005	-0.073	0.490
23	3.68	1.15E-04	-0.782	0.011	0.007	-0.273	-0.015	-0.056	0.025	-0.021	-0.174	-0.006	-0.221	-0.005	-0.066	0.476
24	3.80	7.37E-05	-0.780	0.011	0.006	-0.286	-0.015	-0.056	0.025	-0.018	-0.178	-0.006	-0.237	-0.005	-0.061	0.463
25	3.90	4.80E-05	-0.778	0.012	0.006	-0.296	-0.015	-0.057	0.024	-0.015	-0.181	-0.006	-0.250	-0.005	-0.056	0.452
26	4.00	3.17E-05	-0.776	0.012	0.006	-0.306	-0.015	-0.057	0.024	-0.012	-0.184	-0.006	-0.260	-0.005	-0.052	0.443
28	4.18	1.43E-05	-0.772	0.012	0.006	-0.321	-0.015	-0.058	0.024	-0.008	-0.188	-0.005	-0.277	-0.005	-0.045	0.427
30	4.36	6.64E-06	-0.769	0.012	0.006	-0.332	-0.015	-0.058	0.024	-0.005	-0.193	-0.005	-0.288	-0.005	-0.041	0.414

Platform: GMS

Quantity: Tension and Bending (pf for given Hs)

Display: Random Variables

Hs (m)	Pf	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Statistical Uncertainties Tmom norm.	Tw,sp norm.	Subjective Uncertainties Xs	X1v	Xlfw	X2v	Tmom	T1v	T2v	Tw,s-p	Pc	Fac	Fab	Auxil. Var.
21.0	9.17E-03	16.8	-83.7	76.3	-80.8	2.3	-71.0	0.006	0.009	1.220	1.000	0.903	0.905	1.010	1.020	1.440	1.000	0.908	0.937	0.986	-1.380
20.5	6.36E-03	16.6	-83.7	75.2	-80.8	2.3	-71.6	0.007	0.009	1.230	1.000	0.903	0.906	1.010	1.020	1.440	1.000	0.904	0.931	0.985	-1.390
20.0	4.27E-03	16.4	-84.2	74.1	-81.4	2.2	-72.2	0.008	0.010	1.250	1.000	0.903	0.907	1.010	1.020	1.440	1.000	0.900	0.925	0.984	-1.400
19.5	2.76E-03	16.3	-84.2	73.0	-81.4	2.2	-72.8	0.008	0.011	1.270	1.000	0.903	0.907	1.010	1.020	1.450	1.000	0.895	0.918	0.982	-1.410
19.0	1.71E-03	16.1	-84.8	71.8	-81.4	2.2	-73.3	0.009	0.012	1.290	1.000	0.903	0.908	1.010	1.020	1.450	1.000	0.889	0.912	0.981	-1.420
18.5	1.02E-03	15.9	-84.8	70.7	-81.4	2.1	-73.9	0.010	0.013	1.310	1.000	0.904	0.909	1.020	1.020	1.460	1.000	0.884	0.904	0.979	-1.430
18.0	5.74E-04	15.7	-84.8	69.6	-81.9	2.1	-74.5	0.011	0.014	1.330	1.000	0.904	0.910	1.020	1.020	1.460	1.000	0.877	0.896	0.978	-1.440
17.5	3.07E-04	15.6	-85.4	68.4	-81.9	2.1	-74.5	0.012	0.015	1.350	1.000	0.904	0.910	1.020	1.030	1.470	1.000	0.870	0.887	0.976	-1.450
17.0	1.54E-04	15.4	-85.4	67.2	-81.9	2.0	-75.1	0.013	0.016	1.370	1.000	0.905	0.911	1.020	1.030	1.470	1.000	0.863	0.878	0.975	-1.460
16.5	7.24E-05	15.2	-85.4	66.0	-81.9	2.0	-75.6	0.014	0.017	1.390	1.000	0.905	0.912	1.020	1.030	1.480	1.000	0.854	0.868	0.973	-1.480
16.0	3.20E-05	15.0	-85.9	64.8	-82.5	2.0	-76.2	0.016	0.019	1.410	1.000	0.905	0.913	1.020	1.030	1.480	1.000	0.844	0.858	0.971	-1.490
15.5	1.30E-05	14.8	-85.9	63.5	-82.5	1.9	-76.8	0.017	0.020	1.430	1.000	0.905	0.913	1.020	1.030	1.480	1.000	0.833	0.846	0.970	-1.510
15.0	4.90E-06	14.7	-85.9	62.2	-82.5	1.9	-76.8	0.019	0.022	1.450	1.000	0.906	0.914	1.020	1.030	1.490	1.000	0.820	0.834	0.968	-1.530
14.5	1.70E-06	14.5	-86.5	60.9	-82.5	1.8	-77.3	0.021	0.024	1.470	1.000	0.906	0.914	1.020	1.040	1.490	1.000	0.804	0.820	0.966	-1.540
14.0	5.57E-07	14.3	-86.5	59.5	-83.1	1.8	-77.3	0.023	0.026	1.480	1.000	0.906	0.915	1.020	1.040	1.490	1.000	0.783	0.806	0.965	-1.560
13.5	1.85E-07	14.1	-86.5	58.0	-83.1	1.7	-77.9	0.025	0.029	1.500	1.000	0.906	0.915	1.020	1.040	1.490	1.000	0.752	0.791	0.964	-1.580

Platform: GMS

Quantity: Tension and Bending (pf for given Hs)

Display: Importance Factors

Hs (m)	Pf	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Statistical Uncertainties Tmom norm.	Statistical Uncertainties Tw,sp norm.	Subjective Uncertainties Xs	Subjective Uncertainties X1v	Subjective Uncertainties Xlfw	Subjective Uncertainties X2v	Subjective Uncertainties Tmom	Subjective Uncertainties T1v	Subjective Uncertainties T2v	Subjective Uncertainties Tw,s-p	Pc	Fac	Fab	Auxil. Var.
21.0	9.17E-03	0.123	0.090	-0.453	0.033	-0.128	0.054	-0.003	-0.004	-0.477	-0.000	-0.003	-0.009	-0.051	-0.074	-0.052	-0.010	0.142	0.346	0.055	0.608
20.5	6.36E-03	0.125	0.087	-0.464	0.032	-0.132	0.055	-0.003	-0.004	-0.488	-0.000	-0.003	-0.010	-0.051	-0.075	-0.056	-0.010	0.148	0.358	0.057	0.581
20.0	4.27E-03	0.126	0.085	-0.475	0.031	-0.136	0.055	-0.003	-0.004	-0.497	-0.000	-0.003	-0.010	-0.051	-0.075	-0.058	-0.010	0.154	0.370	0.059	0.553
19.5	2.76E-03	0.126	0.083	-0.485	0.031	-0.139	0.055	-0.003	-0.004	-0.504	-0.000	-0.003	-0.011	-0.052	-0.076	-0.061	-0.010	0.159	0.382	0.060	0.527
19.0	1.71E-03	0.126	0.081	-0.492	0.030	-0.142	0.054	-0.003	-0.004	-0.509	-0.000	-0.003	-0.011	-0.051	-0.076	-0.063	-0.010	0.165	0.392	0.062	0.504
18.5	1.02E-03	0.125	0.079	-0.500	0.030	-0.145	0.054	-0.003	-0.004	-0.515	-0.000	-0.003	-0.012	-0.051	-0.077	-0.065	-0.010	0.172	0.403	0.063	0.479
18.0	5.74E-04	0.124	0.076	-0.506	0.029	-0.148	0.053	-0.003	-0.004	-0.518	-0.000	-0.003	-0.012	-0.051	-0.077	-0.066	-0.010	0.178	0.413	0.064	0.457
17.5	3.07E-04	0.122	0.073	-0.511	0.028	-0.150	0.053	-0.004	-0.004	-0.520	-0.000	-0.003	-0.012	-0.051	-0.077	-0.067	-0.010	0.184	0.424	0.065	0.436
17.0	1.54E-04	0.120	0.071	-0.515	0.028	-0.152	0.052	-0.004	-0.005	-0.521	-0.000	-0.003	-0.013	-0.050	-0.077	-0.067	-0.010	0.192	0.434	0.066	0.417
16.5	7.24E-05	0.117	0.068	-0.518	0.027	-0.153	0.051	-0.004	-0.005	-0.521	-0.000	-0.003	-0.013	-0.050	-0.078	-0.068	-0.010	0.199	0.444	0.066	0.400
16.0	3.20E-05	0.114	0.066	-0.521	0.026	-0.154	0.050	-0.004	-0.005	-0.520	-0.000	-0.003	-0.013	-0.049	-0.078	-0.068	-0.010	0.208	0.455	0.067	0.382
15.5	1.30E-05	0.111	0.064	-0.522	0.025	-0.154	0.049	-0.004	-0.005	-0.517	-0.000	-0.003	-0.013	-0.049	-0.078	-0.067	-0.009	0.218	0.466	0.067	0.366
15.0	4.90E-06	0.107	0.061	-0.522	0.025	-0.154	0.047	-0.004	-0.005	-0.513	-0.000	-0.003	-0.013	-0.048	-0.078	-0.066	-0.009	0.230	0.478	0.067	0.351
14.5	1.70E-06	0.103	0.059	-0.521	0.024	-0.154	0.046	-0.005	-0.005	-0.508	-0.000	-0.003	-0.013	-0.048	-0.079	-0.065	-0.009	0.245	0.490	0.067	0.336
14.0	5.57E-07	0.099	0.056	-0.518	0.024	-0.152	0.045	-0.005	-0.005	-0.499	-0.000	-0.003	-0.012	-0.047	-0.079	-0.063	-0.009	0.265	0.502	0.066	0.322
13.5	1.85E-07	0.094	0.054	-0.511	0.023	-0.149	0.044	-0.005	-0.006	-0.487	-0.000	-0.003	-0.012	-0.046	-0.080	-0.061	-0.009	0.299	0.513	0.065	0.310

Platform: NSS (design 1)

Quantity: Tension and Bending (pf for given Hs)

Display: Random Variables

Hs (m)	Pf	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Statistical Uncertainties Tmom norm.	Tw,sp norm.	Subjective Uncertainties Xs	X1v	Xlfw	X2v	Tmom	T1v	T2v	Tw,s-p	Pc	Fac	Fab	Auxil. Var.
21.0	9.27E-01	17.0	-75.1	68.7	-76.8	2.0	-59.6	0.000	0.000	1.000	1.000	0.900	0.900	1.000	1.000	1.400	1.000	0.950	1.000	1.000	-1.300
20.5	6.05E-01	16.9	-75.6	67.3	-77.3	1.9	-60.2	0.001	0.000	1.000	1.000	0.901	0.900	1.000	1.000	1.400	1.000	0.950	0.998	0.999	-1.310
20.0	3.65E-01	16.7	-76.8	66.3	-78.5	1.9	-61.3	0.004	0.002	1.010	1.000	0.904	0.900	1.000	1.000	1.400	1.000	0.950	0.993	0.998	-1.310
19.5	2.54E-01	16.6	-78.5	65.3	-79.6	1.9	-62.5	0.009	0.004	1.020	1.000	0.907	0.901	1.000	1.000	1.400	1.000	0.950	0.987	0.996	-1.320
19.0	1.86E-01	16.4	-79.6	64.4	-80.2	1.8	-64.2	0.014	0.006	1.030	1.000	0.912	0.901	1.000	1.010	1.400	1.000	0.949	0.980	0.994	-1.330
18.5	1.38E-01	16.2	-80.8	63.6	-81.4	1.8	-65.3	0.019	0.009	1.040	1.000	0.916	0.902	1.010	1.010	1.400	1.000	0.949	0.971	0.991	-1.340
18.0	1.01E-01	16.1	-81.9	62.7	-81.9	1.8	-66.5	0.025	0.012	1.050	1.000	0.922	0.902	1.010	1.010	1.400	1.010	0.949	0.962	0.989	-1.350
17.5	7.32E-02	15.9	-82.5	61.8	-82.5	1.8	-67.6	0.032	0.015	1.060	1.000	0.927	0.903	1.010	1.010	1.400	1.010	0.948	0.952	0.986	-1.370
17.0	5.12E-02	15.7	-83.1	60.8	-83.1	1.7	-68.2	0.039	0.019	1.070	1.000	0.933	0.904	1.010	1.020	1.400	1.010	0.948	0.942	0.983	-1.400
16.5	3.45E-02	15.6	-84.2	59.9	-83.7	1.7	-69.3	0.047	0.024	1.080	1.000	0.940	0.904	1.010	1.020	1.410	1.010	0.948	0.929	0.980	-1.420
16.0	2.20E-02	15.4	-84.8	58.9	-84.2	1.7	-69.9	0.055	0.028	1.090	1.000	0.947	0.905	1.020	1.020	1.410	1.010	0.947	0.917	0.977	-1.440
15.5	1.33E-02	15.2	-84.8	57.8	-84.2	1.6	-71.0	0.064	0.033	1.110	1.000	0.954	0.905	1.020	1.030	1.410	1.010	0.947	0.903	0.974	-1.480
15.0	7.53E-03	15.0	-85.4	56.7	-84.8	1.6	-71.6	0.074	0.039	1.120	1.000	0.961	0.906	1.020	1.030	1.410	1.010	0.946	0.888	0.971	-1.500
14.5	3.98E-03	14.8	-85.9	55.5	-84.8	1.6	-72.2	0.084	0.045	1.120	1.000	0.968	0.906	1.020	1.030	1.410	1.020	0.946	0.872	0.968	-1.540
14.0	1.97E-03	14.6	-85.9	54.2	-84.8	1.5	-72.8	0.096	0.052	1.130	1.000	0.975	0.907	1.020	1.040	1.410	1.020	0.945	0.854	0.966	-1.580
13.5	9.04E-04	14.4	-86.5	52.9	-85.4	1.5	-73.3	0.108	0.059	1.140	1.000	0.981	0.907	1.030	1.040	1.410	1.020	0.945	0.834	0.964	-1.620
13.0	3.86E-04	14.2	-87.1	51.4	-85.4	1.4	-73.3	0.121	0.066	1.140	1.000	0.985	0.908	1.030	1.050	1.410	1.020	0.944	0.813	0.962	-1.660
12.5	1.53E-04	14.0	-87.1	49.7	-85.9	1.4	-73.9	0.135	0.073	1.140	1.000	0.988	0.908	1.030	1.050	1.410	1.020	0.943	0.791	0.961	-1.700
12.0	5.74E-05	13.8	-87.1	48.0	-85.9	1.3	-73.9	0.150	0.080	1.140	1.000	0.988	0.908	1.030	1.050	1.410	1.020	0.943	0.767	0.961	-1.740
11.5	2.03E-05	13.6	-87.1	46.1	-85.9	1.2	-73.3	0.165	0.086	1.140	1.000	0.986	0.908	1.030	1.060	1.410	1.020	0.942	0.741	0.962	-1.770
11.0	6.87E-06	13.4	-87.7	44.0	-85.9	1.2	-73.3	0.181	0.091	1.130	1.000	0.980	0.907	1.030	1.060	1.410	1.020	0.941	0.715	0.964	-1.790
10.5	2.26E-06	13.2	-87.7	41.8	-85.9	1.1	-72.8	0.196	0.094	1.120	1.000	0.973	0.907	1.030	1.070	1.410	1.020	0.941	0.689	0.967	-1.800
10.0	7.36E-07	12.9	-87.7	39.6	-85.9	1.0	-72.8	0.211	0.096	1.100	1.000	0.963	0.907	1.030	1.070	1.400	1.020	0.940	0.663	0.970	-1.800
9.5	2.41E-07	12.7	-87.7	37.4	-85.9	0.9	-72.2	0.224	0.096	1.090	1.000	0.954	0.906	1.030	1.070	1.400	1.020	0.940	0.639	0.974	-1.790

Platform: NSS (design 1)

Quantity: Tension and Bending (pf for given Hs)

Display: Importance Factors

Hs (m)	Pf	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Statistical Uncertainties Tmom norm.	Tw,sp norm.	Subjective Uncertainties Xs	X1v	Xlfw	X2v	Tmom	T1v	T2v	Tw,s-p	Pc	Fac	Fab	Auxil. Var.
21.0	9.27E-01	0.000	0.000	-0.000	0.000	-0.000	0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	0.000	0.000	0.000	1.000
20.5	6.05E-01	0.001	0.009	-0.019	0.007	-0.003	0.002	-0.001	-0.000	-0.010	-0.000	-0.002	-0.000	-0.003	-0.004	-0.000	-0.002	0.000	0.016	0.004	1.000
20.0	3.65E-01	0.005	0.033	-0.077	0.024	-0.012	0.008	-0.003	-0.001	-0.037	-0.000	-0.007	-0.001	-0.013	-0.016	-0.002	-0.008	0.001	0.064	0.014	0.993
19.5	2.54E-01	0.010	0.057	-0.145	0.040	-0.021	0.014	-0.006	-0.003	-0.069	-0.001	-0.014	-0.002	-0.023	-0.030	-0.003	-0.014	0.002	0.121	0.027	0.975
19.0	1.86E-01	0.014	0.077	-0.213	0.053	-0.031	0.021	-0.010	-0.004	-0.101	-0.001	-0.021	-0.004	-0.034	-0.044	-0.004	-0.022	0.004	0.182	0.040	0.946
18.5	1.38E-01	0.018	0.092	-0.279	0.062	-0.041	0.027	-0.013	-0.006	-0.132	-0.001	-0.028	-0.005	-0.045	-0.059	-0.006	-0.029	0.005	0.244	0.053	0.906
18.0	1.01E-01	0.022	0.101	-0.336	0.068	-0.049	0.032	-0.016	-0.008	-0.159	-0.002	-0.035	-0.006	-0.054	-0.072	-0.007	-0.035	0.006	0.301	0.065	0.859
17.5	7.32E-02	0.024	0.106	-0.383	0.070	-0.056	0.036	-0.019	-0.009	-0.180	-0.002	-0.041	-0.007	-0.062	-0.083	-0.008	-0.040	0.007	0.353	0.075	0.810
17.0	5.12E-02	0.026	0.107	-0.418	0.070	-0.061	0.039	-0.021	-0.010	-0.196	-0.002	-0.046	-0.008	-0.068	-0.092	-0.008	-0.044	0.008	0.398	0.083	0.762
16.5	3.45E-02	0.028	0.107	-0.450	0.070	-0.065	0.041	-0.023	-0.012	-0.210	-0.002	-0.050	-0.008	-0.073	-0.101	-0.009	-0.048	0.008	0.443	0.090	0.711
16.0	2.20E-02	0.028	0.105	-0.470	0.068	-0.068	0.042	-0.025	-0.013	-0.218	-0.002	-0.054	-0.009	-0.077	-0.108	-0.009	-0.051	0.009	0.480	0.096	0.667
15.5	1.33E-02	0.029	0.101	-0.483	0.066	-0.069	0.043	-0.027	-0.014	-0.223	-0.002	-0.057	-0.009	-0.079	-0.113	-0.009	-0.053	0.010	0.514	0.099	0.628
15.0	7.53E-03	0.028	0.098	-0.492	0.064	-0.070	0.042	-0.029	-0.015	-0.225	-0.002	-0.060	-0.009	-0.081	-0.118	-0.009	-0.055	0.010	0.549	0.102	0.588
14.5	3.98E-03	0.028	0.093	-0.494	0.059	-0.069	0.042	-0.030	-0.016	-0.224	-0.002	-0.062	-0.009	-0.082	-0.122	-0.009	-0.056	0.011	0.580	0.103	0.557
14.0	1.97E-03	0.027	0.089	-0.491	0.056	-0.068	0.041	-0.032	-0.017	-0.220	-0.002	-0.062	-0.009	-0.082	-0.126	-0.009	-0.056	0.011	0.611	0.104	0.528
13.5	9.04E-04	0.026	0.084	-0.482	0.056	-0.066	0.039	-0.033	-0.018	-0.213	-0.002	-0.062	-0.009	-0.082	-0.129	-0.008	-0.056	0.011	0.641	0.102	0.501
13.0	3.86E-04	0.025	0.081	-0.469	0.052	-0.063	0.038	-0.035	-0.019	-0.203	-0.002	-0.061	-0.009	-0.081	-0.132	-0.008	-0.055	0.012	0.672	0.099	0.478
12.5	1.53E-04	0.024	0.077	-0.452	0.049	-0.059	0.035	-0.036	-0.020	-0.192	-0.002	-0.059	-0.008	-0.079	-0.134	-0.007	-0.053	0.012	0.704	0.095	0.457
12.0	5.74E-05	0.023	0.073	-0.428	0.047	-0.054	0.033	-0.038	-0.020	-0.177	-0.001	-0.056	-0.008	-0.076	-0.137	-0.006	-0.051	0.012	0.736	0.089	0.438
11.5	2.03E-05	0.021	0.069	-0.399	0.044	-0.048	0.030	-0.039	-0.020	-0.161	-0.001	-0.051	-0.007	-0.073	-0.138	-0.006	-0.047	0.013	0.768	0.082	0.420
11.0	6.87E-06	0.019	0.066	-0.367	0.042	-0.043	0.027	-0.041	-0.020	-0.143	-0.001	-0.045	-0.007	-0.069	-0.139	-0.005	-0.044	0.013	0.799	0.073	0.402
10.5	2.26E-06	0.017	0.063	-0.331	0.039	-0.037	0.024	-0.042	-0.020	-0.124	-0.001	-0.039	-0.006	-0.064	-0.139	-0.004	-0.039	0.013	0.829	0.064	0.384
10.0	7.36E-07	0.015	0.060	-0.294	0.037	-0.031	0.021	-0.043	-0.020	-0.106	-0.001	-0.032	-0.005	-0.059	-0.138	-0.003	-0.034	0.013	0.855	0.055	0.366
9.5	2.41E-07	0.014	0.058	-0.257	0.035	-0.025	0.018	-0.044	-0.019	-0.090	-0.001	-0.026	-0.005	-0.053	-0.136	-0.003	-0.029	0.013	0.878	0.047	0.349

Platform: NSC (design 1)

Quantity: Tension and Bending (pf for given Hs)

Display: Random Variables

Hs (m)	Pf	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Statistical Uncertainties Tmom norm.	Tw,sp norm.	Subjective Uncertainties Xs	X1v	Xlfw	X2v	Tmom	T1v	T2v	Tw,s-p	Pc	Fac	Fab	Auxil. Var.
21.0	6.06E-01	17.0	-75.1	68.8	-76.8	2.0	-60.2	0.000	0.001	1.000	1.000	0.900	0.900	1.000	1.000	1.400	1.000	0.950	0.999	1.000	-1.310
20.5	3.49E-01	16.9	-76.2	67.8	-77.9	1.9	-61.3	0.002	0.004	1.010	1.000	0.901	0.900	1.000	1.000	1.400	1.000	0.948	0.994	0.999	-1.310
20.0	2.41E-01	16.7	-77.3	66.8	-79.1	1.9	-62.5	0.004	0.008	1.020	1.000	0.901	0.900	1.000	1.000	1.400	1.000	0.946	0.989	0.999	-1.310
19.5	1.72E-01	16.6	-78.5	65.9	-79.6	1.9	-63.6	0.007	0.014	1.040	1.000	0.902	0.900	1.000	1.000	1.400	1.000	0.943	0.982	0.998	-1.320
19.0	1.29E-01	16.4	-79.1	64.9	-80.2	1.9	-64.7	0.010	0.019	1.050	1.000	0.902	0.901	1.000	1.000	1.400	1.000	0.941	0.976	0.997	-1.330
18.5	9.59E-02	16.2	-80.2	64.0	-80.8	1.8	-65.9	0.014	0.025	1.060	1.000	0.903	0.901	1.010	1.010	1.410	1.010	0.938	0.968	0.996	-1.340
18.0	7.09E-02	16.0	-80.8	63.1	-81.4	1.8	-67.0	0.018	0.032	1.080	1.000	0.904	0.901	1.010	1.010	1.410	1.010	0.935	0.960	0.995	-1.350
17.5	5.12E-02	15.9	-81.4	62.2	-81.9	1.8	-68.2	0.022	0.039	1.090	1.000	0.905	0.901	1.010	1.010	1.410	1.010	0.932	0.951	0.994	-1.360
17.0	3.58E-02	15.7	-82.5	61.2	-82.5	1.8	-68.8	0.027	0.047	1.110	1.000	0.906	0.902	1.010	1.010	1.410	1.010	0.928	0.942	0.993	-1.380
16.5	2.42E-02	15.5	-83.1	60.3	-83.1	1.7	-69.9	0.033	0.056	1.130	1.000	0.907	0.902	1.010	1.010	1.410	1.010	0.924	0.931	0.992	-1.380
16.0	1.54E-02	15.3	-83.7	59.2	-83.1	1.7	-71.0	0.038	0.065	1.140	1.000	0.908	0.902	1.010	1.010	1.410	1.010	0.920	0.920	0.991	-1.400
15.5	9.36E-03	15.1	-83.7	58.2	-83.7	1.7	-71.6	0.045	0.076	1.160	1.000	0.909	0.902	1.010	1.020	1.410	1.010	0.916	0.909	0.990	-1.420
15.0	5.33E-03	15.0	-84.2	57.1	-83.7	1.6	-72.8	0.052	0.087	1.170	1.000	0.910	0.903	1.020	1.020	1.420	1.020	0.911	0.895	0.989	-1.440
14.5	2.84E-03	14.8	-84.8	56.0	-84.2	1.6	-73.3	0.060	0.099	1.190	1.000	0.912	0.903	1.020	1.020	1.420	1.020	0.906	0.881	0.987	-1.460
14.0	1.41E-03	14.6	-84.8	54.8	-84.2	1.6	-73.9	0.069	0.113	1.200	1.000	0.913	0.903	1.020	1.020	1.420	1.020	0.900	0.865	0.986	-1.480
13.5	6.46E-04	14.4	-85.4	53.5	-84.8	1.5	-74.5	0.079	0.128	1.210	1.000	0.914	0.903	1.020	1.030	1.420	1.020	0.894	0.848	0.985	-1.510
13.0	2.72E-04	14.2	-85.9	52.2	-84.8	1.5	-75.1	0.089	0.144	1.220	1.000	0.916	0.903	1.020	1.030	1.420	1.020	0.887	0.829	0.984	-1.530
12.5	1.06E-04	14.0	-85.9	50.7	-85.4	1.4	-75.6	0.101	0.163	1.230	1.000	0.917	0.904	1.020	1.030	1.420	1.020	0.880	0.808	0.983	-1.560
12.0	3.80E-05	13.8	-85.9	49.2	-85.4	1.4	-75.6	0.113	0.183	1.240	1.000	0.918	0.904	1.020	1.030	1.420	1.030	0.872	0.785	0.982	-1.590
11.5	1.28E-05	13.5	-86.5	47.4	-85.4	1.3	-76.2	0.126	0.204	1.240	1.000	0.919	0.904	1.030	1.040	1.420	1.030	0.863	0.760	0.982	-1.610
11.0	4.02E-06	13.3	-86.5	45.5	-85.4	1.2	-76.2	0.140	0.227	1.230	1.000	0.919	0.904	1.030	1.040	1.420	1.030	0.855	0.732	0.982	-1.640
10.5	1.22E-06	13.1	-86.5	43.4	-85.9	1.2	-75.6	0.153	0.250	1.210	1.000	0.919	0.904	1.030	1.040	1.420	1.030	0.846	0.702	0.983	-1.660
10.0	3.66E-07	12.9	-87.1	41.1	-85.9	1.1	-75.1	0.164	0.270	1.190	1.000	0.918	0.903	1.030	1.050	1.420	1.030	0.838	0.672	0.984	-1.670
9.5	1.11E-07	12.7	-87.1	38.7	-85.9	1.0	-74.5	0.173	0.286	1.160	1.000	0.917	0.903	1.030	1.050	1.410	1.020	0.831	0.642	0.985	-1.670

Platform: NSC (design 1)

Quantity: Tension and Bending (pf for given Hs)

Display: Importance Factors

Hs (m)	Pf	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Statistical Uncertainties Tmom norm.	Tw,sp norm.	Subjective Uncertainties Xs	X1v	Xlfw	X2v	Tmom	T1v	T2v	Tw,s-p	Pc	Fac	Fab	Auxil. Var.
21.0	6.06E-01	0.002	0.005	-0.015	0.005	-0.003	0.002	-0.000	-0.001	-0.010	-0.000	-0.000	-0.000	-0.002	-0.002	-0.001	-0.002	0.003	0.012	0.001	1.000
20.5	3.49E-01	0.008	0.023	-0.068	0.019	-0.014	0.009	-0.002	-0.003	-0.046	-0.000	-0.001	-0.000	-0.009	-0.009	-0.003	-0.008	0.012	0.053	0.005	0.994
20.0	2.41E-01	0.015	0.040	-0.130	0.033	-0.026	0.017	-0.003	-0.006	-0.086	-0.000	-0.002	-0.001	-0.017	-0.017	-0.005	-0.015	0.024	0.102	0.009	0.980
19.5	1.72E-01	0.022	0.058	-0.200	0.045	-0.041	0.025	-0.005	-0.010	-0.132	-0.000	-0.003	-0.001	-0.026	-0.026	-0.008	-0.023	0.037	0.159	0.014	0.952
19.0	1.29E-01	0.029	0.070	-0.258	0.052	-0.053	0.032	-0.007	-0.013	-0.170	-0.000	-0.004	-0.002	-0.033	-0.034	-0.010	-0.029	0.048	0.208	0.019	0.918
18.5	9.59E-02	0.035	0.080	-0.316	0.058	-0.065	0.039	-0.009	-0.017	-0.208	-0.000	-0.005	-0.002	-0.040	-0.042	-0.013	-0.036	0.060	0.259	0.023	0.874
18.0	7.09E-02	0.040	0.086	-0.364	0.061	-0.075	0.044	-0.011	-0.020	-0.239	-0.000	-0.006	-0.003	-0.046	-0.049	-0.015	-0.042	0.070	0.304	0.027	0.828
17.5	5.12E-02	0.044	0.090	-0.406	0.063	-0.084	0.049	-0.013	-0.022	-0.266	-0.000	-0.007	-0.003	-0.051	-0.055	-0.017	-0.047	0.080	0.347	0.030	0.778
17.0	3.58E-02	0.047	0.091	-0.439	0.063	-0.092	0.052	-0.014	-0.025	-0.288	-0.000	-0.008	-0.003	-0.054	-0.060	-0.018	-0.051	0.089	0.384	0.033	0.730
16.5	2.42E-02	0.049	0.092	-0.468	0.063	-0.098	0.054	-0.016	-0.028	-0.307	-0.000	-0.008	-0.003	-0.058	-0.064	-0.020	-0.055	0.097	0.420	0.036	0.678
16.0	1.54E-02	0.050	0.091	-0.489	0.061	-0.103	0.055	-0.017	-0.030	-0.319	-0.000	-0.009	-0.004	-0.060	-0.067	-0.020	-0.057	0.104	0.451	0.037	0.634
15.5	9.36E-03	0.051	0.088	-0.503	0.059	-0.106	0.056	-0.019	-0.032	-0.328	-0.000	-0.009	-0.004	-0.062	-0.070	-0.021	-0.059	0.110	0.479	0.039	0.595
15.0	5.33E-03	0.051	0.085	-0.513	0.057	-0.108	0.055	-0.020	-0.034	-0.333	-0.000	-0.010	-0.004	-0.063	-0.072	-0.021	-0.061	0.117	0.506	0.040	0.559
14.5	2.84E-03	0.051	0.083	-0.520	0.055	-0.110	0.055	-0.022	-0.036	-0.335	-0.000	-0.010	-0.004	-0.064	-0.075	-0.021	-0.062	0.122	0.532	0.041	0.523
14.0	1.41E-03	0.050	0.079	-0.523	0.053	-0.110	0.054	-0.023	-0.037	-0.334	-0.000	-0.011	-0.004	-0.064	-0.076	-0.021	-0.063	0.128	0.559	0.042	0.492
13.5	6.46E-04	0.049	0.076	-0.521	0.050	-0.109	0.053	-0.024	-0.039	-0.330	-0.000	-0.011	-0.004	-0.064	-0.078	-0.020	-0.064	0.134	0.585	0.042	0.465
13.0	2.72E-04	0.047	0.073	-0.516	0.048	-0.106	0.051	-0.026	-0.041	-0.322	-0.000	-0.011	-0.004	-0.064	-0.080	-0.020	-0.064	0.139	0.612	0.042	0.440
12.5	1.06E-04	0.045	0.070	-0.506	0.046	-0.103	0.049	-0.027	-0.044	-0.311	-0.000	-0.011	-0.004	-0.063	-0.082	-0.019	-0.064	0.145	0.641	0.041	0.417
12.0	3.80E-05	0.043	0.067	-0.491	0.044	-0.098	0.047	-0.028	-0.046	-0.296	-0.000	-0.011	-0.004	-0.062	-0.083	-0.017	-0.063	0.151	0.672	0.040	0.397
11.5	1.28E-05	0.040	0.064	-0.471	0.042	-0.091	0.044	-0.030	-0.048	-0.276	-0.000	-0.011	-0.003	-0.061	-0.085	-0.016	-0.061	0.157	0.705	0.038	0.379
11.0	4.02E-06	0.036	0.061	-0.443	0.040	-0.083	0.041	-0.031	-0.050	-0.251	-0.000	-0.011	-0.003	-0.059	-0.088	-0.014	-0.059	0.162	0.740	0.036	0.362
10.5	1.22E-06	0.033	0.058	-0.409	0.038	-0.072	0.037	-0.032	-0.052	-0.221	-0.000	-0.010	-0.003	-0.056	-0.090	-0.012	-0.056	0.167	0.777	0.033	0.346
10.0	3.66E-07	0.028	0.056	-0.367	0.036	-0.061	-0.033	-0.033	-0.054	-0.189	-0.000	-0.009	-0.003	-0.053	-0.091	-0.010	-0.051	0.171	0.814	0.030	0.331
9.5	1.11E-07	0.024	0.054	-0.321	0.034	-0.049	0.028	-0.033	-0.054	-0.155	-0.000	-0.008	-0.002	-0.048	-0.092	-0.008	-0.045	0.173	0.847	0.026	0.316

Platform: All

Quantity: Tension and Bending

Display: Random Variables

TLP	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Statistical Uncertainties Tmom norm.	Tw,sp norm.
GMS	4.39E-08	17.7	15.6	-85	68.8	-82	2.1	-74	0.012	0.014
NSS	1.96E-05	15.4	15.2	-85	57.6	-84	1.6	-71	0.066	0.035
NSC	1.20E-05	15.3	15.1	-84	57.8	-84	1.7	-72	0.048	0.080

TLP	Subjective Uncertainties Xs	X1v	Xlfw	X2v	Tmom	T1v	T2v	Capacities Tw,s-p	Pc	Fac	Fab	Auxil. Var.
GMS	1.340	1.000	0.904	0.910	1.020	1.030	1.470	1.000	0.873	0.890	0.977	-1.450
NSS	1.110	1.000	0.956	0.906	1.020	1.030	1.410	1.010	0.947	0.900	0.974	-1.480
NSC	1.160	1.000	0.910	0.902	1.020	1.020	1.420	1.010	0.914	0.904	0.989	-1.430

Platform: All

Quantity: Tension and Bending

Display: Importance Factors

TLP	Pf	Hs (m)	Tp (sec)	theta(v) (deg)	Vw (m/sec)	theta(w) (deg)	Vc (m/sec)	theta(c) (deg)	Statistical Uncertainties Tmom norm.	Tw,sp norm.
GMS	4.39E-08	-0.728	0.084	0.051	-0.349	0.020	-0.102	0.036	-0.002	-0.003
NSS	1.96E-05	-0.747	0.019	0.067	-0.323	0.043	-0.046	0.028	-0.018	-0.010
NSC	1.20E-05	-0.735	0.035	0.059	-0.344	0.040	-0.073	0.038	-0.013	-0.022

TLP	Subjective Uncertainties Xs	X1v	Xlfw	X2v	Tmom	T1v	T2v	Tw,s-p	Pc	Fac	Fab	Auxil. Var.
GMS	-0.356	-0.000	-0.002	-0.008	-0.035	-0.053	-0.046	-0.007	0.125	0.288	0.044	0.304
NSS	-0.149	-0.001	-0.039	-0.006	-0.053	-0.076	-0.006	-0.036	0.006	0.347	0.067	0.411
NSC	-0.223	-0.000	-0.007	-0.003	-0.042	-0.048	-0.014	-0.041	0.077	0.332	0.027	0.394